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USAFETAC

Air Weather Service (MAC)

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"LIMITED SURFACE OBSERVATIONS"
CLIMATIC SUMMARY "LISOCs"

FT CARSON/BUTTS AAF CO MSC #724680
N 38 41 W 104 46 ELEV 5871 FT KFCS

PARTS A - F HOURS SUMMARIZED: 0500 - 2200 LST

PERIOD OF RECORD:
HOURLY OBSERVATIONS: AUG 77 - JUL 87
SUMMARY OF DAY DATA: NONE

DEC 01 1987

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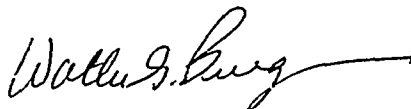
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REVIEW AND APPROVAL STATEMENT

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FOR THE COMMANDER

A handwritten signature in cursive script, appearing to read "Walter S. Burgmann", with a long horizontal flourish extending to the right.

WALTER S. BURGMANN
Scientific and Technical Information Program Manager

REPORT DOCUMENTATION PAGE

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- 19 Abstract: A statistical data summary of surface weather observation climatology: Ft. Carson/Butts AAF CO. 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.
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STATION NAME: FT CARSON/BUTTS AAF CO
STATION NUMBER: 724680

PERIOD OF RECORD:

HOURLY OBSERVATIONS: AUG 77 - JUL 87

SUMMARY OF DAY DATA: SEP 66 - JUL 87 (ALL PART TIME)

TIME CONVERSION LST TO GMT: -7

DATE PRODUCED: 19 NOV 87

CALL ID: KFCS

HOURS SUMMARIZED: 0500 - 2200 LST

OL-A/USAFETAC/MAC/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: PRECEDING 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

PART C: SURFACE WIND SUMMARIES

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PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

SUPPLEMENTAL DATA SECTION--SUMMARY OF DAY DATA

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

NOTE: THE FIRST AND LAST FOUR 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 NO ON SUMMARY 724680		STATION NAME Fort Carson Colorado/Butts AAF		LATITUDE 38 41N		LONGITUDE 104 46W		FIELD ELEV (FT.) 5871 Ft		CALL SIGN KFCS		WMO NUMBER 72468	
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY				
			FROM	TO			FIELD (FT)	HT. BARO.					
1	Butts AAF, Ft Carson Colorado	AAF	Sep 66	Mar 71	38 41N	104 46W	5838	5844	12-17				
2	Same	AAF	Apr 71	Mar 74	Same	Same	Same	5838	17				
3	Same	AAF	Apr 74	Aug 75	Same	Same	Same	Same	17				
4	Same	AAF	Sep 75	Apr 84	Same	104 46W	5871	5844	17				
5	Same	AAF	May 84	Jul 87	Same	104 46W	5871	5844	17				

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	9 Sep 66	Located near end of Rnwy 12	AN/GMQ-1	None	8 Ft	
2	4 May 67	Same	Same	RO-2	8 Ft	
3	4 Mar 68	Located 450 ft from centerline, 350 ft from end of Rnwy 12	Same	Same	Same	
4	4 Apr 71	Located 350 ft West of centerline 1100 ft from end of Rnwy 12	Same	Same	Same	
5	Aug 75	Same	AN/GMQ20	Same	Same	
6	Apr 84	Located 500 ft East of centerline, 500 ft from end of runway 31	Same	RO-362	21 ft	

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WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

WEATHER CONDITIONS SUMMARY

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

DEFINITIONS:

THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

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

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

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

HAIL: ALL REPORTED HAIL.

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

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

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

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

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

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

NOTES:

1. A VALUE IN THE TABLES OF ".0" INDICATES LESS THAN .05% OCCURRENCE WHICH IS USUALLY ONLY ONE OCCURRENCE
2. METAR STATIONS (BEGINNING IN JAN 1968) AND SYNOPTIC REPORTING STATIONS RECORDED ON THE AWS FORMS 10/10A AND TRANSMITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINNING IN JAN 1970, METAR STATIONS RECORDED ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED RAIN, FOG AND SMOKE, ALL THREE WILL APPEAR ON THE AWS FORMS 10/10A, BUT ONLY THE RAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY SUMMARIZATION. THIS PRACTICE AFFECTS THE PERCENTAGES IN THE TABLES.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM FOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
MONTH: JAN

HOURS (LST)	TSMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIR	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBS TO VISION	TOTAL OBS
00-02												
03-05												1
06-08		.6		10.7		11.3	7.7		.3		8.0	698
09-11		.1		12.6		12.6	8.1	.3	.1		8.4	741
12-14				8.8		8.8	5.2	.7	.3		5.9	729
15-17		.5		10.0		10.5	4.0	1.1	.6		5.2	658
18-20				11.8		11.8	4.2				4.2	380
21-23				10.1		10.1	5.2				5.2	326
TOTALS		.2		9.1		9.3	4.9	.3	.2		5.3	3533

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
MONTH: FEB

HOURS (LST)	TSMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIR	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBS TO VISION	TOTAL OBS
00-02												
03-05				20.0		20.0						5
06-08		.3	1.1	11.0		12.0	12.9	.3	.6		13.7	643
09-11		.3	.9	11.7		12.1	13.0	1.0			13.7	678
12-14		.3		9.6	.1	10.1	10.5	.6	.3		11.4	676
15-17		.3	.3	8.4	.2	9.1	7.3	1.0	.5		8.4	606
18-20				7.4		7.4	5.1				5.1	350
21-23		.6		4.1		4.8	5.7				5.7	315
TOTALS		.3	.3	10.3	.3	10.8	7.8	.4	.2		8.3	3273

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72466C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
MONTH: MAR

HOURS (LST)	TSMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												
06-08		.1	2.2	.9	9.2	11.9	11.2		.9		12.1	741
09-11		.3	2.3	.1	10.4	12.5	11.6	.1	.9		12.5	785
12-14		.3	3.2		7.1	10.4	8.2	.4	.5		8.8	771
15-17		.1	3.6		7.5	10.7	4.9		.3		5.1	693
18-20		.2	2.5		7.9	10.2	5.2				5.2	493
21-23			3.4		9.0	12.4	5.6				5.6	354
TOTALS		.2	2.9	.2	8.5	11.4	7.8	.1	.4		8.2	3747

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
MONTH: APR

HOURS (LST)	TSMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05			4.7			4.7	9.3				9.3	43
06-08			3.6		4.8	8.3	8.1	.5	.1		8.3	732
09-11		.5	2.9		3.2	5.8	3.8	.5	.8		4.3	770
12-14		1.3	4.4		2.6	7.0	2.1	.5	.8		2.5	766
15-17		2.2	6.1		3.7	9.5	1.2	.4	.1	.4	1.9	683
18-20		1.6	6.2		4.2	10.5	1.0		.2		1.2	401
21-23			4.6		2.8	6.9	.6				.6	321
TOTALS		.7	4.6		3.0	7.5	3.7	.3	.3	.1	4.0	3716

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
MONTH: MAY

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05		8.5		1.4		9.9	7.1				7.1	212
06-08	.1	7.9		2.4		10.0	7.5				7.5	737
09-11	.6	7.5		1.8	.1	9.3	3.0				3.0	735
12-14	5.3	13.0		1.8	.3	14.3	3.2				3.2	729
15-17	5.3	13.0	.3	1.6	.2	14.6	3.4				3.4	639
18-20	1.8	11.1		1.5		12.7	2.0				2.0	395
21-23	.4	19.3		2.2		12.1	1.8				1.8	224
TOTALS	2.0	10.2	.0	1.8	.1	11.8	4.0				4.0	3671

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
MONTH: JUN

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05		1.9				1.9	3.3				3.3	215
06-08	.4	3.6				3.6	4.8	.5			5.0	773
09-11	.5	3.0				3.0	1.9				1.9	773
12-14	5.4	8.7			.1	8.7	.4	.3			.7	762
15-17	9.0	12.6			.5	12.8	.3				.3	647
18-20	6.0	7.5				7.5	.3				.3	400
21-23	4.3	6.4				6.4						233
TOTALS	3.6	6.3			.1	6.3	1.6	.1			1.6	3803

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72466C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
MONTH: JUL

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
03-02												
03-05		1.9				1.9	2.6				2.8	212
06-08		.9				.9	2.2	.4			2.6	738
09-11		.1	1.1			1.1	.7	.4			1.1	737
12-14		5.7	6.4			6.4	.1	.4			.5	735
15-17		14.6	13.7		.3	13.7						637
18-20		8.4	10.2			10.2	.5				.5	393
21-23		2.3	5.6			5.6	.9				.9	213
TOTALS		4.4	5.7		.0	5.7	1.0	.2			1.2	3665

STATION NUMBER: 72466C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-86
MONTH: AUG

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05		3.5				3.5	5.8				5.8	226
06-08		4.0				4.0	5.5	.1			5.5	606
09-11		.1	2.6			2.6	2.5				2.5	808
12-14		7.4	6.0		.1	6.0	1.3				1.3	786
15-17		14.8	14.5		.4	14.5	.4	.1			.6	690
18-20		17.0	13.6			13.6	.5				.5	440
21-23		7.5	8.7			8.7	.4				.4	253
TOTALS		5.7	7.6		.1	7.6	2.3	.6			2.4	4011

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-86
MONTH: SEP

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05	.5	6.4				6.4	3.4				3.4	203
06-08	.1	5.8		.7		6.3	5.8				5.8	727
09-11		4.5		.4		4.5	3.2				3.2	729
12-14	1.7	3.5		.4		3.8	2.5				2.5	719
15-17	3.2	5.0		.5		5.4	2.2				2.2	625
18-20	2.7	5.6		.5		6.1	1.9				1.9	376
21-23	2.1	6.8		.5		7.3	2.1				2.1	192
TOTALS	1.5	5.4		.4		5.7	3.0				3.0	3571

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-86
MONTH: OCT

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05		5.0		.6		5.5	7.7				7.7	181
06-08		3.5		2.2		5.6	7.0		.3		7.3	738
09-11		2.3		2.4		4.6	4.3				4.3	739
12-14	.4	3.7		1.9		5.2	2.6				2.6	731
15-17	.6	4.6		1.6		5.9	2.9		.2		3.0	630
18-20	.3	3.5	.3	.8		4.3	.8				.8	376
21-23		2.5				2.5	1.5				1.5	203
TOTALS	.2	3.6	.3	1.4		4.8	3.8		.1		3.9	3598

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-86
MONTH: NOV

HOURS (LST)	TSMS	RAIN C/OR DRIZZLE	FRZING RAIN C/OR DRIZZLE	SNOW C/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE C/OR HAZE	BLOWING SNOW	DUST C/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												1
06-08		.3	1.5	7.7		8.8	6.7		1.1		7.7	611
09-11		.5	.2	7.6		8.2	6.2		.3		6.5	644
12-14		.5	.2	6.4		6.6	5.3		.2		5.5	638
15-17		.7		5.4		5.7	4.5		.2		4.7	575
18-20		.3		6.4		6.7	1.3		.3		1.6	313
21-23		1.1		6.0		7.1	2.8		.7		3.5	283
TOTALS		.5	.3	5.6		6.2	3.8		.4		4.2	3065

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-86
MONTH: DEC

HOURS (LST)	TSMS	RAIN C/OR DRIZZLE	FRZING RAIN C/OR DRIZZLE	SNOW C/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE C/OR HAZE	BLOWING SNOW	DUST C/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02												
03-05												10
06-08			.5	9.0		9.4	7.8		.6		8.4	631
09-11			.4	11.9		11.9	8.3		.6	.7	8.9	683
12-14		.1	.1	11.2		11.2	6.9	.3	1.0		7.9	670
15-17		.5		10.9		10.9	4.3		.3		4.6	585
18-20				5.6		5.6	1.5				1.5	266
21-23		.4		4.6		5.3	3.1				3.1	228
TOTALS		.1	.1	7.6		7.6	4.6	.1	.4		4.9	3073

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM FOURLY OBSERVATIONS

STATION NUMBER: 72466C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-87
MONTH: ALL

	HOURS (LST)	TSTMS	RAIN C/OR DRIZZLE	FRZING RAIN C/OR DRIZZLE	SNOW C/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE C/OR HAZE	BLOWING SNOW	DUST C/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
JAN	ALL		.2		9.1		9.3	4.9	.3	.2		5.3	3533
FEB			.3	.3	10.3	.0	10.8	7.8	.4	.2		8.3	3273
MAR		.2	2.9	.2	8.5	.1	11.4	7.8	.1	.4		8.2	3747
APR		.7	4.6		3.0	.1	7.5	3.7	.3	.3	.1	4.0	3716
MAY		2.0	10.2	.0	1.8	.1	11.8	4.0				4.0	3671
JUN		3.8	6.3			.1	6.3	1.6	.1			1.5	3803
JUL		4.4	5.7			.0	5.7	1.0	.2			1.2	3665
AUG		5.7	7.6			.1	7.6	2.3	.0			2.4	4011
SEP		1.5	5.4		.4		5.7	3.0				3.0	3571
OCT		.2	3.6	.0	1.4		4.8	3.8		.1		3.9	3598
NOV			.5	.3	5.6		6.2	3.8		.4		4.2	3065
DEC			.1	.1	7.6		7.8	4.6	.1	.4		4.9	3073
TOTALS		1.5	4.0	.1	4.0	.0	7.9	4.0	.1	.2	.0	4.3	42726

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

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BIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS

DATA DERIVED FROM HOURLY DATA.

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

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

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

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

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

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

PERIOD OF RECORD: 83
MONTH: JAN HOURS(LST): 0300-0500

TOTAL NUMBER OF OBSERVATIONS: 1

TOTAL NUMBER OF OBSERVATIONS: 1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.2	9.6	6.2	2.1	.6						21.6	6.6
NNE	.7	.6	.4	.1							1.9	5.1
NNE	.3	.7									1.0	4.0
ENE	.4										.4	1.7
E	.3	.9									1.1	4.3
ESE		.1	.1	.3							.6	9.3
SE	.1	1.3	.4	.1							2.0	5.7
SSE	1.1	2.1	.4								3.7	4.2
S	2.3	1.3	.7	.4							4.7	4.7
SSW	.9	.6	.3	.3							2.0	5.3
SW	.4	.7	.6	.1	.1		.1				2.1	8.4
WSW	.7	.9	.3	.1		.3	.1				2.4	8.6
W	1.6	.9		.3							2.7	4.2
WNW	1.1	.9	.3			.1	.1				2.6	6.3
WW	2.5	4.3	2.3	.1			.1				8.9	5.5
NNW	5.7	10.9	6.2	1.0	.1						25.9	5.8
VARIABLE												
CALH	////////////////////										16.2	////
TOTALS	20.9	35.7	20.2	5.2	.9	.4	.6				100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 696

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 72466C STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	5.8	7.6	2.4	3.9	1.2	.3					20.6	7.1
NNE	2.2	1.2	.4	.1							3.9	4.1
NCE	1.6	.7	.4								2.7	3.7
ENE	1.2	.5	.1								1.9	3.0
E	.7	1.1	.1								1.9	3.9
ESE	.7	1.2		.1							2.0	4.3
SE	2.3	2.3	.9	.4							5.9	5.0
SSE	1.9	2.6	2.8	.7							8.0	6.0
S	2.8	3.9	2.3	1.6	.1						10.8	6.2
SSW	1.1	.4	.5	.5	.1						2.7	6.6
SW	.8	.5	.3			.1					1.8	5.4
WSW	.5	.3		.4	.1						1.3	7.8
W	.4		.1	.3		.3	.1				1.2	13.0
WNW	.3	.3	.1		.1						.8	6.3
NW	.9	1.3	.8	.1							3.2	5.2
NNW	2.6	4.3	1.3	.5	.1	.1					9.0	5.6
VARIABLE												
CALM	////////////////////										22.1	////
TOTALS	25.6	27.7	12.8	8.8	1.9	.8	.1				100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.5	1.9	2.1	4.4	1.4	.5					11.7	10.8
NNE	1.5	1.1	1.2	.4							4.3	5.5
NE	1.8	.4	.1								2.3	2.9
ENE	1.4	1.1	.4								2.9	4.0
E	1.1	2.3	.5								4.0	4.5
ESE	1.9	4.3	1.2	.3							7.7	5.0
SE	1.8	5.9	1.6	.7							10.2	5.4
SSE	4.1	5.3	5.8	1.4							16.6	6.1
S	2.3	4.3	3.7	2.5	.4						13.2	7.3
SSW	.1	1.1	.7	.4		.3					2.6	8.4
SW	.8	.4	.4	1.1	.1	.3					3.2	9.6
WSW	.1		.5	.4	.1		.1				1.4	12.7
W	.3	.3	.1	.3	.4	.3					1.6	13.4
WNW	.1	.1		.3	.1						.7	11.0
NW	.3	.3	.4								1.0	5.4
NNW	.3		.4	.8							1.5	10.3
VARIABLE												
CALM	////////////////////////////////////										15.4	////
TOTALS	19.5	20.7	19.5	12.9	2.6	1.4	.1				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 729

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.4	2.0	2.6	2.7	.9	.3	.2	.2				10.2	10.3
NNE	1.1	.5	.8	.3								2.6	6.0
NE	.8	.6	.9									2.3	5.7
ENE	.5	.9	.2	.2								1.7	5.4
E	1.7	1.2	.8	.2								3.8	4.4
ESE	1.5	3.5	1.4	.3								6.7	5.5
SE	3.3	3.2	2.4	.5								9.4	5.2
SSE	4.1	5.6	4.0	.8	.2							14.6	5.6
S	2.3	5.5	3.8	1.4	.2							13.1	6.3
SSW	1.1	.6	.6	.3								2.6	5.5
SW	.3	.3	.8	.8	.3							2.4	10.1
WSW	.2	.5	1.1	.9	.3	.5						3.3	12.4
W	.2		.2	.6	.5	.3						1.8	14.6
WNW		.3	.3									.6	5.8
NW	.6	.5	.6	.2								1.8	5.4
NNW	.5	1.5	1.1	.6	.2	.2						4.0	8.0
VARIABLE													
CALM	////////////////////////////////////											19.1	////
TOTALS	19.5	26.6	21.3	9.6	2.4	1.2	.2	.2				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 658

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN- WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.4	5.3	3.9	.8	.8						13.2	6.8
NNE	.3										.3	3.0
NE		.5									.5	4.0
NNE		.3									.3	6.0
E	.5		.5								1.1	4.8
ESE	.3	.3									.5	3.5
SE	1.3	1.3	.5	.3							3.4	4.8
SSE	1.8	.8	1.8								4.5	5.1
S	2.1	2.6	1.6								6.3	5.0
SSW	.2	.8	.5								1.6	6.0
SW	1.6	1.3		.5							3.4	5.1
WSW	1.6	3.4	.3	.3			.8				6.3	7.7
W	1.2	2.1	.3	.5	.5						4.7	6.7
WNW	1.8	.3		.3							2.4	3.8
NW	2.9	4.2	.8								7.9	4.5
NNW	2.4	8.9	1.8	1.1	.5			.5			15.3	7.2
VARIABLE												
CALM	////////////////////										28.4	////
TOTALS	20.5	32.1	12.1	3.7	1.8		.8	.5			100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 360

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724680 STATION NAME: FT-CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-60	
N	2.8	5.8	3.7	.9	.9	.3	.3					14.7
NNE	.9	.3	.3		.6							2.1
NE												
ENE	.3											.3
E	.3	.3	.6									1.2
ESE	.9	1.2										2.1
SE	.3	.9	.3									1.5
SSE	.3	.6	1.8									2.8
S	2.8	2.8	1.2	.6								7.4
SSW		1.5	.9									2.5
SW	1.5	1.2		.3								3.1
WSW	1.5	.6	1.2			.6						4.0
W	2.5	1.2										3.7
WNW	1.2	.9	.3		.3							2.8
NW	2.5	4.0	2.8									9.2
NNW	2.8	9.5	5.8	1.5								19.6
VARIABLE												
CALM	////////////////////										23.0	////
TOTALS	28.6	31.0	19.0	3.4	1.8	.9	.3				100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 326

GLOBAL CLIMATOLOGY BRANCH
USAF-TAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.9	5.2	3.4	2.8	1.0	.3	.1	.0			15.7	7.9
NNE	1.2	.7	.6	.2	.1						2.8	5.3
NE	.9	.5	.3								1.7	4.0
ENE	.7	.5	.1	.0							1.4	3.9
E	.8	1.1	.4	.0							2.4	4.4
ESE	.9	2.0	.5	.2							3.6	5.1
SE	1.7	2.8	1.2	.4							6.0	5.2
SSE	2.5	3.3	3.0	.6	.0						9.3	5.8
S	2.4	3.5	2.4	1.2	.1						9.7	6.1
SSW	.7	.8	.6	.3	.0	.1					2.4	6.4
SW	.8	.7	.4	.5	.1	.1	.0				2.5	7.7
WSW	.6	.7	.5	.4	.1	.2	.1				2.7	9.5
W	.9	.6	.1	.3	.2	.2	.0				2.3	8.4
WNW	.6	.4	.2	.1	.1	.0	.0				1.4	6.1
HW	1.3	2.1	1.2	.1			.0				4.7	5.2
NNW	2.3	5.2	2.9	.8	.1	.1		.1			11.5	6.3
VARIABLE												
CALM	////////////////////										19.8	////
TOTALS	21.3	30.0	17.7	6.0	1.9	.8	.3	.1			100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 3533

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 80-81,86
MONTH: FEB HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		20.0									20.0	4.0
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE		20.0	20.0								40.0	6.0
S		20.0									20.0	6.0
SSW												
SW												
WSW												
W												
WNW												
W												
WNW												
NNW		20.0									20.0	6.0
VARIABLE												
CALM	////////////////////											////
TOTALS		90.0	20.0								100.0	5.6

TOTAL NUMBER OF OBSERVATIONS: 5

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	5.3	9.6	4.4	1.6	1.7	.5	.3	.2			23.5	7.4
NNE	.6	.6	.2								1.4	4.0
NNE	.2	.6									.8	4.0
NNE	.2	.2									.3	3.5
E	.9	.5	.3	.2							1.9	4.5
ESE	.5	.2	.2								.8	4.0
SE	.9	.3	.6	.2							2.0	5.1
SSE	1.4	1.2	.8	.2							3.6	4.8
S	2.2	1.2	.9	.5	.2						5.0	5.6
SSW	.5	.8	.3								1.6	4.7
SW	.9	.5	.3	.3							2.0	5.5
WSW	.8	.3	.5								1.6	4.3
W	1.6	1.2	.5	.3		.5					4.0	6.9
WNW	.6	.9	.5		.2						2.3	5.8
NW	1.4	4.0	1.1	.2							6.7	5.1
NNW	5.9	13.5	6.1	1.1	.5						27.1	5.6
VARIABLE												
CALP	////////////////////										15.6	////
TOTALS	24.0	35.3	16.5	4.4	2.5	.9	.3	.2			100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 643

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	5.3	3.7	2.9	2.5	2.4	.4	.7					18.0	9.2
NNE	1.0	.9	.3	.4								2.7	5.7
NE	1.3	.9	.6									2.8	4.3
ENE	1.8	.7	.3	.1								2.9	4.0
E	1.6	1.8	.6									4.0	3.9
ESE	2.2	1.0	.6									3.8	3.8
SE	3.2	2.9	1.8	.1								8.1	4.7
SSE	4.0	3.7	4.3	.7								12.7	5.6
S	2.8	3.1	1.6	1.5	.3							9.3	6.4
SSW	1.0	.6	.1	.3								2.1	5.4
SW	.6	.7	.7	.9								2.9	7.9
WSW	.4	.1	.1	.6		.1						1.5	9.2
W	.3	.1	.1	.3	.3	.4	.1	.1				1.9	17.3
WNW	.3											.3	2.0
NW	.7	.6	.1									1.5	3.6
NNW	3.4	3.2	.6		.3	.1						7.7	4.7
VARIABLE													
CALP	////////////////////											17.8	////
TOTALS	30.1	24.2	14.9	7.5	3.2	1.2	.9	.1				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 676

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	1.3	1.3	1.9	1.6	.9	.7					8.9	13.6
NNE	1.3	.7	.1	.4	.1							2.8	5.7
NE	1.0	.6	.7	.3								2.7	5.8
ENE	1.3	1.5	.9	.3								4.0	5.3
E	1.8	1.9	1.0	.3								5.0	4.9
ESE	2.2	3.0	3.0	.4								8.6	6.1
SE	3.0	5.0	6.2	1.2								15.4	6.5
SSE	2.2	6.4	6.7	2.4	.1							17.8	7.0
S	3.0	4.1	4.0	1.9	.1							13.2	6.8
SSW	.4	.7	.3	.9	.7	.3						3.4	11.8
SW	.3	.4	.4	.9	.1							2.2	10.1
WSW	.4	.3	.4	.3	.1	.4	.1					2.2	12.7
W	.2	.1	.1	.4	.1	.6	.1	.1				2.1	16.8
WNW	.1	.3		.1	.1							.7	9.0
NW		.1		.1								.3	9.0
NNW	.4			.1	.1							.7	8.0
VARIABLE													
CALM	////////////////////											10.1	////
TOTALS	18.9	26.6	25.3	12.1	3.6	2.2	1.0	.1				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 676

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72466C STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	1.0	2.0	2.5	1.3	2.5	.3				10.6	14.3
NNE	1.0	.8	.8	1.0							3.6	7.2
NL	1.0	.8	.2	.3							2.3	5.1
NNE	.5	.2	.5	.2							1.3	5.9
E	2.1	2.0	1.5	.2							5.8	4.8
LSE	2.3	3.3	2.1	.3							8.1	5.3
SE	3.5	3.1	5.8	.8							13.2	6.1
SSE	2.6	4.6	7.9	4.0							19.1	7.7
S	2.1	3.6	4.5	3.0							13.2	7.5
SSW	.2	1.7	1.3	1.0	.5						4.6	9.0
SW	.3	.2	1.0	1.2	.3						3.0	11.1
WSW		.2	.5	1.2	.2			.2			2.1	13.6
W		.2	.7	1.5	.8						3.1	13.6
WNW			.3	.2							.5	9.7
NW		.5		.2							.7	6.5
NNW	.2	.8	.5	.3	.2	.2					2.1	9.3
VARIABLE												
CALM	////////////////////										6.6	////
TOTALS	16.8	22.9	29.5	17.7	3.3	2.6	.3	.2			100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 600

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724660 STATION NAME: FT-CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.3	4.6	2.9	3.1	1.7	.3	.6					15.4	9.8
NNE	.6	.9	.3	.3								2.0	6.4
NE	.6	.6										1.1	3.5
NENE	.3	.3										.6	3.5
E	.6											.6	2.0
ESE	.3	.9										1.1	4.0
SE	.3	3.1	.6									4.0	5.4
SSE	1.1	2.3	1.7	.3								5.4	5.8
S	2.9	3.7	2.3									8.9	5.1
SSW	2.6	.9			.3							3.7	3.9
SW	1.7	1.7	.6	.6								4.6	4.9
WSW	4.9	2.6	1.4	.3								9.1	4.3
W	3.4	2.0	2.3	.3								8.0	4.8
WNW	.6	1.7	1.1	.3								3.7	5.8
W.4	1.1	3.4	1.1									5.7	5.2
NNW	1.1	3.7	1.1		.6							6.6	6.3
VARIABLE													
CALM	////////////////////											19.4	////
TOTALS	24.3	32.3	15.4	5.1	2.6	.3	.6					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 350

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.2	8.9	2.5	1.3	.6	1.3	.3	.3			18.5	8.3
NNE	.6	1.0									1.6	3.4
NE	.6	.3									1.0	3.0
ENE	.6	.3									1.0	2.7
E	1.0	.6	.3								1.9	4.0
ESE	1.0	.3									1.3	3.0
SE	1.3	1.9	.3								3.5	4.4
SSE	2.2	3.5	1.3	1.3							8.3	5.8
S	3.2	3.2	1.9	.6							8.9	5.1
SSW	.6	1.3	.3								1.9	3.7
SW	1.9	1.6		.6							4.1	4.6
WSW	.6	1.6	1.9	.6							4.8	7.3
W	2.2	.6	1.0	.3							4.1	5.0
WNW	1.3	1.6									2.9	3.9
NW	1.6	2.2	1.3								5.1	4.6
NNW	3.2	6.1	3.8		.6						13.7	5.8
VARIABLE												
CALM	////////////////////										17.5	////
TOTALS	25.2	34.7	14.6	4.8	1.3	1.3	.3	.3			100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 314

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.1	4.5	2.7	2.1	1.7	1.3	.5	.1			15.6	9.8
NNE	.9	.8	.3	.4	.0						2.4	5.9
N E	.8	.7	.3	.1							1.9	4.8
ENE	.9	.6	.3	.1							1.9	4.7
E	1.4	1.3	.7	.1							3.5	4.5
ESE	1.6	1.6	1.2	.2							4.5	5.2
SE	2.3	2.8	2.9	.5							8.5	5.8
SSE	2.4	3.8	4.2	1.6	.9						12.0	6.6
S	2.6	3.1	2.6	1.4	.1						9.9	6.5
SSW	.8	.9	.4	.4	.3	.1					2.9	7.7
SW	.8	.7	.6	.8	.1						2.9	7.5
WSW	.9	.6	.6	.5	.1	.1	.0	.0			2.9	7.9
W	1.0	.6	.6	.6	.2	.3	.1	.1			3.5	9.7
WNW	.4	.6	.3	.1	.1						1.4	5.9
NW	.7	1.6	.5	.1							2.9	5.0
NNW	2.4	4.5	1.9	.3	.3	.1					9.5	5.7
VARIABLE												
CALM	////////////////////										13.8	////
TOTALS	23.0	28.7	20.1	9.2	2.9	1.5	.6	.2			100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 3272

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
ALL	4.7	8.2	4.5	2.4	2.3	.8	1.1					24.0	9.0
NNE	.3	.9	.4		.1							1.8	6.2
N	.5	.5	.1									1.2	3.9
NNE	.5	.3										.8	2.7
E	1.1	.7	.7									2.4	4.5
ESE		.1	.4									.5	6.8
SE	.4	.3	1.2	.1								2.0	6.7
SSE	.9	2.3	1.8									5.0	5.6
S	1.5	1.3	.5	.4	.1							3.9	5.6
SSW	.8		.3	.4	.1							1.6	6.7
SW	.7	.4	1.3	1.3	.4							4.2	10.2
WSW	.4	.9	.4	.5	.1	.1	.4					3.0	11.4
W	.5	1.3		.7	.3	.1						3.0	8.0
WNW	.8	1.2	.1									2.2	4.2
W	1.9	2.7	.9	.1			.1					5.8	5.5
NNW	4.6	8.4	6.5	.8	.3	.3	.1					20.9	6.3
VARIABLE													
CALM	////////////////////											17.7	////
TOTALS	19.7	29.7	19.2	6.9	3.8	1.3	1.8					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	4.1	2.2	1.9	4.3	2.4	2.5	.9	.1			18.5	12.6
NNE	.6	1.5	1.0	.6	.3						4.1	7.3
NE	2.0	1.1	.8								3.9	4.1
ENE	1.7	.9	.6	.1							3.3	4.7
E	2.4	2.4	.9	.3							6.0	4.5
ESE	1.1	1.0	1.8								3.9	5.6
SE	2.3	3.2	2.4	.1	.1						8.2	5.5
SSE	1.8	4.7	3.7	1.7							11.8	6.6
S	2.7	4.2	2.5	1.0	.1	.1					10.7	6.3
SSW	.9	.5	.3	1.1	.6	.4					3.7	11.0
SW	.6	.4	.4	.6	1.1	.1	.1				3.4	12.6
WSW	.3		.1	.5	.9	.4	.4				2.5	18.0
W	.3	.1		.8		.3	.1				1.5	14.7
WNW		.3		.1	.1						.5	10.3
NW	.1	.4	.3								.8	5.5
NNW	1.8	.4	.9	.8	.1		.3	.1			4.7	8.6
VARIABLE												
CALM	////////////////////										12.4	////
TOTALS	22.7	23.7	17.6	12.1	5.7	3.8	1.8	.3			100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 785

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724660 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
H	.6	1.3	3.2	2.9	2.2	2.3	1.0	.1			13.7	15.3
NNL	.6	1.0	.9	.8	.1						3.5	7.9
NE	.6	.8	1.0	.4	.1						3.0	7.6
ENE	.5	1.3	.5	.1							2.5	5.4
E	1.2	4.2	1.2	.3							6.7	5.3
ESE	1.7	3.9	2.6	.9							8.9	6.3
SE	1.6	2.7	3.1	2.3							9.7	7.5
SSE	2.1	3.9	4.7	3.6	.3						14.5	8.1
S	1.2	3.4	3.8	3.1	.4	.1					11.9	8.7
SSW	.8	1.2	.9	1.2	.5	.4					4.9	9.9
SW	.4	.4	1.4	1.0	1.2	.8	.1	.1			5.4	14.6
WSW	.3	.3	.3	.5	1.0	.6	.1				3.1	16.3
W		.3	.5	.1	.4	.8					2.1	16.1
WNW		.3		.1	.1						.5	9.8
NW	.1	.1	.5	.1	.1						1.0	8.9
NNW	.5	.1	1.2	1.3	.5		.1				3.8	12.0
VARIABLE												
C/LH	////////////////////										4.5	////
TOTALS	12.2	24.9	25.8	18.8	7.0	5.1	1.4	.3			100.0	9.1

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: 724683 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.2	1.4	2.0	5.3	4.0	1.6	.1				15.7	14.1
NNE	.4	.9	.7	.3	.1						2.5	7.5
NE	.3	1.0	.9	.1							2.3	6.6
ENE	.3	.9	.3								1.4	5.0
E	.7	1.3	1.0	.3							3.3	6.1
ESE	.7	1.3	3.6	1.3							6.9	8.3
SE	1.2	1.4	3.2	3.3							9.1	8.9
SSE	.6	4.0	5.5	3.3	.3						13.7	8.6
S	1.6	2.7	6.3	3.0	.3	.1					14.1	8.5
SSW	1.0	.7	.9	1.6	.9	.1					5.2	10.5
SW	1.2	.6	1.0	1.4	1.0	.3					5.5	11.1
WSW	.3	.3	.4	1.0	.7	.3					3.0	13.2
W	.3	.4	1.3	1.2	.4	.6					4.2	12.6
WNW		.3	.3	.4	.1	.1					1.3	12.3
NW		.1	1.2	.4		.1					1.9	11.4
NNW		1.3	1.3	.6	.4						3.6	9.2
VARIABLE												
CALM	////////////////////										6.2	////
TOTALS	9.7	18.8	29.9	23.7	8.4	3.3	.1				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 693

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.7	4.5	3.2	5.2	1.5	1.7					18.9	10.1
NNE	.7	1.2	1.0	.5							3.5	6.6
NE	1.0	.2	.2								1.5	3.2
ENE	.2	.2		.5							1.0	7.8
E	1.5	.7	.5								2.7	4.0
ESE	.5										.5	1.5
SE	.7	1.5	2.0								4.2	6.1
SSE	2.0	2.7	1.0	.5							6.2	5.5
S	2.2	3.2	1.0	.5							6.9	5.4
SSW	2.5	1.5	1.2								5.2	4.4
SW	2.0	2.2	.7	.5		.2					5.7	5.9
WSW	2.2	1.7	.5	.5	.2	.2					5.5	6.2
W	3.0	4.0	.5	1.5							8.9	5.6
WNW	1.0	2.0	1.0								4.0	5.1
NW	.7	1.2	.5								2.5	5.2
NNW	2.2	3.0	1.5	.2	.2						7.2	5.3
VARIABLE												
CALM	////////////////////										15.6	////
TOTALS	25.3	30.0	14.9	9.9	2.0	2.2					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 403

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.5	2.0	6.2	2.3	.8	.8	.3	.3			15.3	10.2
NNE	.6	.6	.3								1.4	4.2
NE		1.1									1.1	4.3
ENE	.8	.8									1.7	3.8
E	.3	.3	.3								.8	5.0
ESE	.8		.3								1.1	3.8
SE	.8	1.4	.6								2.8	5.0
SSE	.8	1.4	2.5	.6							5.4	7.1
S	1.7	2.3	1.4	.3							5.6	5.4
SSW	.6	1.4	1.1								3.1	5.8
SW	1.1	1.4	.8	.6							4.0	6.4
WSW	3.1	1.1	2.3	.6	.6						7.6	6.7
W	2.8	2.8	1.7	.3							7.6	4.9
WNW	.6	2.0	.6								3.1	5.3
NW	.3	2.5	2.0								5.4	5.8
NNW	2.3	4.5	2.0	.3	.3	.3					9.6	6.0
VARIABLE												
CALM	////////////////////										24.3	////
TOTALS	19.8	25.7	22.0	4.8	1.7	1.1	.3	.3			100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 354

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
H	2.7	3.3	3.3	3.7	2.4	1.7	.7	.1			17.8	11.8
NNE	.5	1.1	.7	.4	.1						2.9	7.1
NE	.8	.8	.6	.1	.0						2.4	5.4
ENE	.7	.8	.3	.1							1.9	4.9
E	1.3	1.8	.8	.2							4.1	5.0
ESE	.9	1.3	1.7	.4							4.2	6.6
SE	1.3	1.8	2.2	1.1	.0						6.5	7.1
SSE	1.4	3.4	3.4	1.8	.1						10.2	7.4
S	1.8	2.9	2.8	1.6	.2	.1					9.4	7.4
SSW	1.0	.8	.7	.9	.4	.2					3.9	8.9
SW	.9	.7	1.0	1.0	.7	.3	.1	.0			4.7	11.0
WSW	.8	.6	.5	.6	.6	.3	.2				3.6	11.8
W	.8	1.1	.6	.7	.2	.3	.0				3.8	9.2
WNW	.3	.9	.2	.1	.1	.0					1.6	6.6
NW	.6	1.0	.8	.1	.0	.0	.0				2.6	6.6
NNW	1.8	2.8	2.3	.7	.3	.1	.1	.0			8.2	7.2
VARIABLE												
CALM	////////////////////										12.1	////
TOTALS	17.5	25.1	22.0	13.7	5.3	3.1	1.1	.1			100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 3747

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72466G STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 79-87
MONTH: APR HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.3		7.0	2.3	2.3	4.7					18.6	12.8
NNE												
NE												
ENE												
E	2.3										2.3	3.0
ESE												
SE	2.3	2.3	2.3								7.0	4.7
SSE			2.3								2.3	7.0
S												
SSW	2.3										2.3	2.0
SW	2.3	2.3									4.7	4.0
WSW												
W												
WNW	2.3										2.3	1.0
WW		2.3	4.7								7.0	6.7
NNW	7.0	9.3	16.3	2.3							34.9	6.7
VARIABLE												
CALM	////////////////////										18.6	////
TOTALS	20.9	16.3	32.6	4.7	2.3	4.7					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 43

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724660 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	6.8	8.6	4.6	4.5	1.4	.4	.4	.5				27.3	8.3
NNE	1.8	1.0	.3	.1								3.1	4.0
NE	1.1	.4	.3									1.8	3.7
ENE	1.1	.7	.1									1.9	3.2
E	.7	.5	.3									1.5	4.0
ESE	.4	.4	.1									1.0	4.6
SE	.7	1.9	.8	.1								3.6	5.4
SSE	.8	2.9	1.4	.4	.1							5.6	6.1
S	1.1	2.0	1.1	.8	.1							5.2	6.8
SSW	.5	.8	1.1	.4								2.9	6.9
SW	1.0	.4	.4	.1	.1	.1						2.2	6.9
WSW	.5	.5	.3	.4	.1			.1				2.0	9.3
W	.5	1.1	.1		.1							1.9	5.4
WNW	1.0	.7		.1								1.8	4.4
NW	.7	2.5	1.0	.4								4.5	5.8
NNW	3.8	7.7	5.9	1.6	.7	.5						20.2	7.2
VARIABLE													
CALM	////////////////////////////////////										13.5	////	
TOTALS	22.5	32.1	17.8	9.2	2.7	1.1	.4	.7				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 732

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL 1	MEAN WIND
N	3.3	6.6	3.3	2.4	.9	.5						17.0	7.4
NNE	2.4	.9										3.3	2.9
NE	.5											.5	2.0
ENE		.9										.9	6.0
E	.9	.9										1.9	3.5
ESE													
SE	.5	1.4	.5									2.4	5.2
SSE	.5	1.4	.9	.5								3.3	6.4
S	2.4	3.3	.9									6.6	4.6
SSW	.5	.5										.9	4.0
SW	1.4											1.4	1.3
WSW			.5	.5								.9	10.5
W	1.4	1.4	.5	.5								3.8	5.4
WNW	.9	2.8										3.8	3.8
NW	2.4	4.2	2.8		.5							9.9	5.7
NNW	5.2	15.6	9.0	.9		.5						31.1	6.1
VARIABLE													
CALM	////////////////////											12.3	////
TOTALS	22.2	40.1	18.4	4.7	1.4	.9						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 712

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAJ

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

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	5.8	6.6	5.6	2.6	1.5	1.1	.1				23.6	7.9
NNE	1.9	1.1	.1								3.1	3.1
NE	1.2	.5									1.8	3.0
NENE	1.2	.4	.3	.1							2.0	3.9
E	1.2	.5	.1								1.9	3.3
ESE	.3	1.4	.1	.3							2.0	6.0
SE	1.6	1.6	1.1	.4							4.7	5.3
SSE	1.4	1.4	1.9	.5							5.2	6.5
S	1.4	1.2	2.0	.5							5.2	6.4
SSW	.3	.3	.5	.4							1.5	7.8
SW	.7	.4	.4	.7	.1						2.3	8.4
WSW	.3	.3	.4	.1							1.1	6.8
W	.4	.4	.7	.3	.3						2.0	8.7
WNW	.5	.4	.1	.1							1.2	5.3
NW	2.3	1.5	.4								4.2	3.6
NNW	5.4	5.3	3.8	2.0		.1					16.7	5.9
VARIABLE												
CALM	////////////////////										21.4	////
TOTALS	25.9	23.3	17.6	8.4	1.9	1.2	.1				100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 737

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.8	2.0	1.9	3.1	1.5	1.0	.3				11.6	11.2
NNE	.3	.7	1.5	.8	.1						3.4	8.6
NE	.8	.7	.5								2.0	5.0
ENE	.8	1.9	.7	.1							3.5	5.4
E	2.3	2.6	1.1								6.0	4.5
ESE	2.3	3.0	1.8	.7	.1	.1					8.0	6.0
SSE	2.4	5.9	3.9	.8	.1						13.2	6.0
S	3.7	4.6	4.8	1.6							14.7	6.4
SSW	1.9	3.9	5.0	3.1	.1						14.1	7.8
SW	.1	.4	.8	1.1	.4	.1					3.0	12.1
WSW	.7	.4	1.2	.3	.8	.1	.1				3.7	11.1
W	.5	.3	.3	.7	.7	.3					2.7	12.1
WNW	.1	.4	.5		.2	.1					1.5	10.2
NNW		.1	.1		.3		.1				.7	16.6
NW	.3	.1	.3								.7	4.8
NNA	.4	1.1	.5	1.6	.1			.1			3.9	10.6
VARIABLE												
CALM	////////////////////										7.2	////
TOTALS	18.5	28.2	25.0	14.0	4.5	1.8	.5	.1			100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 735

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72466G STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 72-87
MONTH: MAY HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	.8	2.7	4.0	1.4	1.6	.4		.1		11.8	14.2
NNE	.5	.8	1.0	1.0	.1						3.4	8.2
NE	.3	.8	1.2	.5							2.9	7.9
ENE	.3	1.4	.5	.1							2.3	6.1
E	1.4	3.4	1.4	.7	.1						7.0	6.3
ESE	1.2	2.5	1.9	.8	.4						6.9	7.0
SE	1.0	3.7	5.6	2.3	.1						12.8	8.0
SSE	1.2	3.4	4.7	4.0	.3						13.6	8.4
S	1.0	1.5	5.2	4.5	.5						12.8	9.6
SSW	.1	.8	1.5	2.6	.8						5.9	11.8
SW	.3	1.1	2.1	1.0	.8	.3					5.5	10.9
WSW	.3	.4	.5	1.1	.5	.3	.1				3.3	13.0
W	.4	.5	.4	.1	.5	.1	.1				2.3	11.2
WNW	.3	.3	.1	.4							1.1	8.4
W	.4	.3	.1	.4		.1					1.4	9.2
NNW	.1	.3	1.5	1.0	.4						3.3	11.1
VARIABLE												
CALM	////////////////////										3.8	////
TOTALS	9.5	22.1	30.6	24.6	6.2	2.5	.7		.1		100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 729

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.8	2.7	4.7	3.8	2.3	.5	.3	.2			15.5	11.8
NNE	.6	.5	1.6	2.0							4.7	9.4
NE	.3	.9	.8		.2						2.2	6.6
ENE		.6	.3	.5							1.4	8.8
E	.8	1.6	2.3	.6			.3				5.6	8.5
ESE	.6	2.2	2.5	1.3	.2						6.7	8.1
SE	1.3	1.9	2.7	3.0	.5						9.2	9.2
SSE	1.1	3.8	3.1	2.3	.5						10.8	8.0
S	1.9	2.2	3.9	3.1		.2					11.3	8.5
SSW	.6	1.4	1.9	1.3	.9	.3					6.4	10.3
SW	.3	1.6	.9	2.5	1.3						6.6	11.5
WSW	.2	.5	1.4	1.9	.3	.2					4.4	11.6
W	.6	.3	.9	1.7	.2	.3					4.1	10.8
WNW		.2	1.3	.6							2.0	10.2
WW	.2	.2	.5	.3							1.1	8.9
NNW	.2	1.3	1.1	1.3	.9						4.7	10.8
VARIABLE												
CALM	////////////////////										3.3	////
TOTALS	9.4	21.6	29.9	26.1	7.2	1.7	.6	.2			100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 639

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724660 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.8	2.5	5.1	5.6	1.5	.5					17.0	10.1
NNE	1.0	1.5	1.3								3.8	5.6
NE	1.0	.8	.3								2.0	4.1
EHL	.5	1.0	.3								1.8	4.6
E	1.0	1.8	.8	.6							4.3	6.6
ESE	.3	2.0	.5		.5						3.3	7.3
SE	2.3	2.0	1.0								5.3	4.3
SSE	.5	2.0	1.3	1.0	.3	.3					5.3	8.5
S	1.8	2.0	1.0	.5							5.3	5.2
SSW	1.5	1.3	.5								3.3	4.2
SW	.5	1.5	2.3	.8							5.1	7.2
WSW	1.5	2.0	1.0	1.0	.3						5.8	6.7
W	1.3	4.1	2.0	1.0							8.4	6.2
WNW	.8	1.8	1.0	.8							4.3	6.6
NW	.8		1.5	.3							2.5	7.1
NNW	2.5	3.0	2.0	1.3	1.0	.3	.5				11.1	9.6
VARIABLE												
CALM	////////////////////										11.4	////
TOTALS	19.0	29.4	21.8	12.9	3.5	1.5	.5				100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 395

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72462C STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.8	4.5	6.7	3.6	1.8	1.3						19.6	10.0
NNE	1.3	.4	.4									2.2	3.6
NE	.4	.4	.9									1.8	5.0
NNE		.9	.4									1.3	6.3
E	.9	2.7	.9									4.5	5.5
ESE		.9			.4							1.3	10.0
SE	.9	1.3	.4									2.7	4.0
SSE	.4	.9	1.8	.4								3.6	6.9
S		2.2	2.2	.9								5.4	7.7
SSW	.4	2.2										2.7	4.5
SW	1.3	1.3	.4									3.1	4.0
WSW	4.0	2.7	2.2	.4								9.4	5.2
W	.9	4.9	.4	.9								7.1	5.6
WNW	.9	.4	.9									2.2	5.4
WW	2.2	2.2	2.2									6.7	4.9
NNW	2.2	3.6	3.6	3.6	.9		.4					14.3	9.0
VARIABLE													
CALM	////////////////////											12.1	////
TOTALS	17.0	31.7	23.7	9.9	3.1	1.3	.4					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 224

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/PUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.3	3.3	4.0	3.6	1.6	1.0	.2	.0	.0		16.1	10.3
NNE	1.0	.8	1.0	.7	.1						3.5	6.9
NE	.7	.7	.6	.1	.0						2.1	5.6
ENE	.5	1.1	.4	.2							2.2	5.6
E	1.3	2.0	1.1	.3	.0		.1				4.8	6.0
ESE	.9	2.0	1.3	.6	.2	.0					5.0	6.9
SE	1.6	2.9	2.8	1.2	.1						8.6	6.9
SSE	1.6	2.9	3.1	1.8	.2	.0					9.5	7.4
S	1.5	2.3	3.4	2.3	.1	.0					9.6	8.0
SSW	.4	.8	1.0	1.0	.4	.1					3.8	9.9
SW	.6	.9	1.2	.9	.6	.1	.0				4.2	9.9
WSW	.7	.7	.8	.9	.3	.1	.0				3.4	9.7
W	.6	1.1	.8	.6	.2	.1	.0				3.4	8.3
WNW	.4	.6	.5	.3	.1		.0				1.8	7.7
WW	1.0	.8	.7	.2	.0	.0					2.7	5.6
NNW	1.9	3.0	2.3	1.6	.4	.1	.1	.0			9.5	7.8
VARIABLE												
CALM	////////////////////										9.8	////
TOTALS	16.6	25.9	24.7	16.2	4.4	1.7	.5	.1	.0		100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 3671

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724680 STATION NAME: FT. CARSON/BUITS AAF CO.

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	5.6	5.1	3.7	4.7	.5							19.5	7.2
NNE				.5								.5	12.0
NE	.5											.5	2.0
ENE	.5											.5	2.0
E	.5											.5	2.0
ESE		.5										.5	4.0
SE	.5	.5	.5									1.4	4.7
SSE	1.9	.5										2.3	2.8
S	1.4	1.9	.5	.5								4.2	5.0
SSW	.9											.9	2.5
SW	.5	.5										.9	3.5
WSW	1.9	1.9	.5									4.2	4.0
W	1.9		.9		.5							3.3	6.7
WNW	.5	2.3										2.8	4.0
NW	3.7	5.1	2.8	.5								12.1	5.3
NNW	5.6	14.9	9.8	.5	.5							31.2	5.6
VARIABLE													
CALM	////////////////////////////////////											14.9	////
TOTALS	25.6	33.0	18.6	6.5	1.4							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 215

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
H	7.9	9.6	4.3	2.6	.9	.3						25.5	6.2
NNE	2.1	1.2	.8									4.0	3.9
NE	1.4	.5	.1	.1								2.2	3.5
ENE	1.6	.5										2.1	2.9
E	.6	.9	.1									1.7	3.9
ESE	.6	.6	.3									1.6	4.8
SE	1.2	1.6	.6	.1								3.5	5.1
SSE	1.9	2.2	1.4	.3								5.8	5.2
S	1.6	2.3	1.7	.3								5.8	5.6
SSW	.4	.3	.5	.3								1.4	6.7
SW	.6	.1	.4	.3	.1							1.6	7.6
WSW	.5	.1	.4	.3	.3							1.6	8.4
W	.4	.4		.1								.9	4.3
WNW	.5	.6										1.2	3.7
NW	.4	1.9	1.0									3.4	5.8
NNW	4.0	7.0	3.9	1.2	.3	.3						16.6	6.1
VARIABLE													
CALM	////////////////////											21.3	////
TOTALS	25.7	29.9	15.5	5.4	1.6	.5						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 773

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724600 STATION NAME: FT-CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	WIND
N	2.2	2.5	1.6	2.5	.5	.3					9.4	8.4
NNE	1.6	.9	.3	.4							3.1	5.0
NE	2.7	1.7	.8	.1							5.3	4.0
ENE	2.1	1.2	.3								3.6	3.6
E	1.9	2.7	1.0	.1							5.8	4.6
ESE	2.5	3.4	1.3								7.1	4.7
SE	3.8	4.3	4.1	1.6							13.7	6.2
SSE	1.7	5.8	5.0	1.6							14.1	6.7
S	3.1	2.8	3.5	3.6	.4						13.5	7.6
SSW	1.0	.3	1.2	2.5	.3	.4	.1				5.7	11.6
SW	.4		.3	1.8	.3	.3	.1				3.1	14.3
WSW	.2	.8	.4	.5	.1	.1					2.2	9.1
W	.4	.3	.5	.1	.1						1.4	7.7
WNW	.3										.3	2.0
W	.1	.3	.1								.5	4.8
NNW	.6	1.3	.3	.3		.1					2.6	6.1
VARIABLE												
CALM	////////////////////										8.7	////
TOTALS	24.6	28.1	20.6	15.0	1.7	1.2	.3				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 773

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 76-87
MONTH: JUN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	.8	1.1	2.0	1.1	.8	.4						6.0	10.1
NNE	.8	.9	1.3									3.0	5.9
NE	.9	1.3	.4	.4								3.0	5.9
ENE	1.8	1.1	.9									3.8	4.4
E	.4	2.6	2.5	.3								5.8	6.6
ESE	1.2	2.9	2.8	1.1	.1							8.0	6.9
SE	1.2	3.0	6.8	2.5	.5							14.2	8.3
SSE	1.7	4.1	7.6	5.7	.3							19.3	8.9
S	1.7	3.7	4.3	4.2	1.2	.1						15.2	9.1
SSW	.3	1.1	1.1	3.0	.1	.3						5.8	11.1
SW	.7	.3	1.1	1.6	.8	.1						4.7	11.5
WSW		.3	.5	.9	.1							1.8	11.7
S	.3	.4	.4	.4	.1	.1						1.7	9.3
WNW	.1	.3	.1									.5	5.5
NW	.1	.1	.1	.3								.7	8.4
NNW	.5	.7	.9	.7	.3	.1						3.2	8.8
VARIABLE													
CALM	////////////////////											3.2	////
TOTALS	12.0	23.7	32.9	22.2	4.3	1.2						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 761

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724660 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.9	2.2	2.3	1.7	.9						7.9	8.7
NNE	.2	.9	1.9	.6							3.6	8.2
NE	.2	.8	.5	.2	.3						1.9	8.5
ENE	.9	.6	.5								2.0	9.2
E	.9	1.4	1.9	.8							4.9	6.8
ESE	1.1	2.8	2.6	1.4							7.9	7.4
SE	1.1	2.8	4.2	3.1	.2						11.3	8.6
SSE	1.5	2.8	5.3	3.9	.6						14.1	8.9
S	2.0	3.6	4.0	3.6	.6						13.8	8.3
SSW	.9	.9	1.9	2.0	.8	.3	.2				7.0	11.2
SW	.6	.5	1.2	1.2	.2						3.7	9.1
WSW	.6	.3	1.1	.3	.5						2.8	8.6
W	1.1	.8	1.7	.8	.3		.2				4.8	8.7
WNW	.2		.6	.6	.3						1.7	11.4
NW	.9	.6	1.1	.6	.3	.2					3.7	8.8
NNW	.2	.9	1.2	.5	.3	.2					3.2	9.6
VARIABLE												
CALM	////////////////////										5.9	////
TOTALS	13.1	21.9	31.8	21.2	5.1	.6	.3				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 647

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 76-87
MONTH: JUN HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	
N	3.3	4.5	4.0	3.3	1.0	.3					16.3	7.9
NNE	1.0	.8	.8	.3							2.8	6.2
NE	.5	1.3	.5								2.3	5.2
ENE	1.0										1.0	1.8
E	1.0	1.3	.5	.3							3.0	5.0
ESE	.3	1.5	.5	.3							2.5	6.6
SE	1.0	2.0	2.8	.8							7.3	6.6
SSE	3.3	2.3	1.6	.5							7.8	5.0
S	2.8	4.0	1.8	.8	.3						9.3	5.7
SSW	1.3	2.3	.3	.8							4.5	5.7
SW	2.0	1.5	1.3	1.0							5.8	6.2
WSW	1.8	2.8	1.3	.6							6.5	5.5
W	2.8	2.0	1.3	.5							6.5	5.1
WNW	1.3	.8	1.3								3.3	4.8
NW	.5	2.0	1.5	.5	.3						4.8	7.5
NNW	1.2	3.0	.3	.8	.8						6.0	7.0
VARIABLE												
CALM	////////////////////										10.8	////
TOTALS	25.1	31.8	19.5	10.3	2.3	.3					109.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 400

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	5.2	6.0	3.0	2.1	.4	.4						17.2	6.7
NNE	1.3	.4	.4									2.1	3.6
NE	.4	.9										1.3	4.3
ENE	.9		.4									1.3	5.0
E		.4	.9									1.3	8.7
ESE	.4											.4	2.0
SE	.9	1.3	.4									2.6	4.5
SSE	1.7	2.1	.4									4.3	3.7
S	3.9	3.0										6.9	3.4
SSW	1.2	1.7	1.3			.4						4.7	6.8
SW	2.1	2.6	.4	.4								5.6	4.7
WSW	3.0	3.9	1.7	.9								9.4	5.0
W	4.7	5.6	.4	.9	.4							12.0	5.0
WNW	.9	.4	.9									2.1	5.6
NW	2.1	.9	1.7									4.7	4.6
NNW	1.7	3.9	1.7	1.3	.4							9.0	6.9
VARIABLE													
CALM	////////////////////											15.0	////
TOTALS	30.5	33.0	13.7	5.6	1.3	.9						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 233

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724689 STATION NAME: FT CARSON/BUTTS AAF CO.

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.3	4.2	2.8	2.3	.7	.2					13.5	7.5
NNE	1.1	.9	.9	.2							3.1	5.7
NE	1.2	1.0	.4	.2	.1						2.8	5.0
ENE	1.4	.7	.3								2.4	3.8
E	.9	1.7	1.2	.2							3.9	5.7
ESE	1.1	2.1	1.4	.5	.0						5.0	6.2
SE	1.7	2.6	3.4	1.4	.1						9.3	7.2
SSE	1.9	3.3	3.9	2.2	.2						11.5	7.5
S	2.2	3.1	2.8	2.3	.4	.0					10.9	7.6
SSW	.8	.8	1.0	1.6	.2	.2	.1				4.6	10.1
SW	.8	.5	.7	1.1	.3	.1	.0				3.5	9.5
WSW	.7	.9	.7	.5	.2	.0					3.1	7.3
W	1.1	.9	.7	.4	.2	.0	.0				3.2	6.7
WNW	.4	.4	.3	.1	.1						1.3	6.0
W	.7	1.1	.9	.2	.1	.0					3.0	6.6
NNW	1.6	3.4	1.9	.7	.3	.1					9.0	6.6
VARIABLE												
CALM	////////////////////										10.6	////
TOTALS	21.0	27.5	23.3	14.0	2.8	.8	.1				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 3802

GLOBAL CLIMATOLOGY BRANCH:
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 72466C STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.8	8.5	4.7	.9							17.9	5.9
NNE	1.9										1.9	2.0
NE												
ENE	.5										.5	3.0
E												
ESE	.5										.5	3.0
SE	.9	.5									1.4	2.3
SSE	.9	.5									1.4	3.3
S	.5	.9		.5							1.9	5.8
SSW	.5										.5	2.0
SW		.5									.5	4.0
WSW	.5										.5	2.0
W	.9										.9	2.5
WNW	1.4	.9									2.4	2.8
NW	2.4	7.1	1.4								10.8	4.6
NNW	9.4	24.1	11.8	.5	.5						46.2	5.5
VARIABLE												
CALM	////////////////////										12.7	////
TOTALS	24.1	42.0	17.9	1.9	.5						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 212

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	8.7	8.8	6.6	3.0	.9						28.0	6.1
NNE	1.5	.5	.1	.1							2.3	3.7
NE	1.4	.7									2.0	2.9
ENE	.4		.1								.5	3.5
E	1.5	.3	.1								1.9	3.1
ESE	.7	.1									.8	2.0
SE	.8	.7	.4	.1							2.0	5.0
SSE	.2	1.6	.7								3.1	5.0
S	1.5	.8	1.2								3.5	4.6
SSW	.9	.4	.4								1.8	4.5
SW	.2	.1	.1	.1							.7	6.0
WSW	.1										.1	3.0
W	.4	.1									.5	2.3
WNW												
NW	1.4	1.8	.3								3.4	4.0
NNW	7.3	11.1	5.0	2.4	.3						26.2	5.7
VARIABLE												
CALM	////////////////////										23.0	////
TOTALS	27.6	27.1	15.2	5.8	1.2						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 738

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.6	2.6	2.6	2.4	.7	.3						11.1	8.3
NNE	2.6	1.5	.7	.3								5.0	4.4
NE	2.6	2.0		.1								4.7	3.6
ENE	2.6	1.9	.7									5.2	3.7
E	3.5	4.1	1.5									9.1	4.4
ESE	2.8	4.3	1.9	.3								9.4	5.1
SE	2.3	4.2	3.3	.1								9.9	5.3
SSE	4.7	3.9	3.3	.8								12.8	5.2
S	2.8	2.6	3.4	.9	.3							10.0	6.4
SSW	1.1	.9	.5	.5								3.0	6.3
SW	.3		.1	.1								.5	6.0
WSW	.7	.3	.1	.1								1.2	4.7
W	.5	.3		.3								1.1	5.4
WNW		.1										.1	6.0
NW	.5											.5	2.0
NNW	1.2	1.2	1.1									3.5	5.3
VARIABLE													
CALC	////////////////////											12.8	////
TOTALS	30.9	29.9	19.1	6.1	.9	.3						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 737

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAG

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

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 76-87
MONTH: JUL HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	1.6	2.6	1.6	.4						7.2	8.5
NNE	.8	1.9	1.4	.3			.1				4.5	6.7
NE	1.4	1.6	.4	.1							3.5	4.7
ENE	1.4	1.6	1.8	.3							5.0	5.6
E	2.0	4.1	3.4	.8							10.3	6.2
ESE	1.9	3.1	4.2	1.9							11.2	7.3
SE	2.6	4.5	4.6	1.9							13.6	6.8
SSE	1.6	4.4	4.9	.5							11.4	6.6
S	1.8	3.3	4.8	1.9	.1						11.8	7.5
SSW	.7	.8	1.6	1.1	.3						4.5	8.4
SW	1.0	.5	.7	.7	.1						3.0	7.5
WSW	.5	.4	1.1	.7							2.7	8.4
W	.4	.7	.3	.3							1.6	6.3
WNW	.3	.1	.2	.1		.1					1.0	9.3
WW	.1		.4	.3	.1						1.0	10.1
NNW	.8	.7	.3	1.1							2.9	7.8
VARIABLE												
CALM	////////////////////										4.8	////
TOTALS	18.2	29.4	32.7	13.6	1.1	.1	.1				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 735

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724686 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	1.9	4.2	2.4	.9	.2						10.0	9.9
NNE	.3	.9	1.6	.2	.2							3.1	7.6
NE	.6	1.1	1.4	.2								3.3	6.0
ENE	1.1	1.4	1.7	.5								4.7	6.2
E	1.3	1.6	2.8	.9								6.6	7.0
ESE	1.6	1.6	3.5	.9								7.5	7.1
SE	1.1	3.3	4.4	2.0								10.8	7.3
SSE	.9	5.2	5.5	.6	.3							12.6	7.0
S	.6	2.5	3.8	2.0								8.9	8.0
SSW	.2	.8	1.3	.9	.2							3.1	9.0
SW	.9	.5	1.4		.2							3.0	6.2
WSW	.8	1.1	1.9	.6								4.4	7.1
W	.3	1.1	1.3	.5	.3	.2						3.6	9.1
WNW	.9	.3	1.1	.5								2.8	6.8
NW	.9	.8	.8	.3		.3						3.1	7.9
NNW	.5	1.9	2.7	1.7	.6	.6						8.0	10.6
VARIABLE													
CALM	////////////////////////////////////											4.2	////
TOTALS	12.6	25.9	39.2	14.1	2.7	1.3						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 637

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724660 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.5	4.6	4.3	2.8	.8							15.0	7.8
NNE	.5	.8	1.3	.3								2.8	6.6
NE		.3		.5								.8	10.0
ENE	.5	1.5	.8									2.8	5.2
E	1.3	2.0	1.0									4.3	5.0
ESE	1.0	3.3	.8	.5								5.6	5.1
SE	2.0	2.5	1.5	.5								6.6	5.8
SSE	2.3	2.3	1.3									5.9	4.7
S	2.0	1.3	1.3									4.6	4.6
SSW	.8	1.0	.3	.3								2.3	4.9
SW	2.0	1.5	.3									3.8	3.7
WSW	1.5	1.5	.8									3.8	4.6
W	1.8	3.8	.3	.8								6.6	5.1
WNW	1.8	1.5	.8	.8								4.8	5.6
NW	1.3	1.8	1.3	.8								5.1	6.5
NNW	.9	3.6	2.8	1.8								8.9	7.7
VARIABLE													
CALM	////////////////////											16.3	////
TOTALS	22.1	33.3	18.6	8.9	.8							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 393

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724660 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	6.1	8.0	3.3	1.9	.9							20.2	6.2
NNE	1.4		.9	.5								2.8	6.3
NE	.5	.5	.5									1.4	6.0
ENE		.5										.5	5.0
E	.9			.5								1.4	5.7
ESE	.5	.5		.5								1.4	7.3
SE	1.4	.5										1.9	2.3
SSE	1.4	1.9										3.3	3.3
S	2.3	1.4										3.8	2.6
SSW	2.8											2.8	2.3
SW	.5	1.9										2.3	4.2
WSW	1.9	2.8										4.7	3.8
W	1.4	2.3	.9	.5								5.2	5.4
WNW	1.4	1.4		.9								3.8	5.4
W	2.3	2.3	1.4	.5								6.6	5.1
NNE	3.8	6.1	6.6	.5								16.9	5.9
VARIABLE													
CALM	////////////////////											21.1	////
TOTALS	28.6	30.0	13.6	5.6	.9							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 213

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72468G STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	3.4	4.4	4.0	2.3	.7	.1						14.9	7.3
NNE	1.3	1.0	.9	.2	.0		.0					3.5	5.6
NE	1.2	1.1	.4	.1								2.8	4.5
ENE	1.1	1.1	.9	.1								3.3	5.0
E	1.8	2.2	1.6	.4								6.0	5.5
ESE	1.5	2.2	1.9	.7								6.3	6.2
SE	1.7	2.8	2.6	.8								7.9	6.2
SSE	2.0	3.3	2.9	.4	.1							8.6	5.9
S	1.7	2.0	2.7	1.0	.1							7.5	6.7
SSW	.8	.7	.8	.5	.1							2.8	6.5
SW	.7	.5	.5	.2	.1							1.9	5.9
WSW	.7	.7	.7	.3								2.3	6.2
W	.7	1.0	.4	.3	.1	.0						2.3	6.2
WNW	.6	.4	.3	.2		.0						1.6	6.1
NW	1.0	1.2	.6	.2	.0	.1						3.1	5.7
NNW	2.8	5.1	3.1	1.3	.2	.1						12.6	6.4
VARIABLE													
CAL'D	////////////////////////////////////											12.6	////
TOTALS	23.1	29.7	24.1	9.0	1.3	.3	.0					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 3605

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	6.6	7.1	4.4	1.3	.4	.4					20.4	5.9
NNE	.9	.9									1.8	4.0
NE	.4		.4								.9	4.5
ENE		.4		.4							.9	8.0
E												
ESE	.9										.9	1.5
SE		.4	.9								1.3	7.7
SSE	.9	.9									1.8	3.3
S	.9	1.3									2.2	4.2
SSW	.4	.4	.4								1.3	5.0
SW		.4		.4							.9	9.0
WSW	1.3	.4									1.8	2.5
W			.4								.4	7.0
WNW	.9	2.2									3.1	3.9
NW	4.4	6.2	1.8								12.4	4.4
NNW	8.8	12.4	8.4	.4							30.1	5.4
VARIABLE												
CALM	////////////////////										19.9	////
TOTALS	26.5	33.2	16.6	2.7	.4	.4					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 226

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 72468G STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	11.0	10.2	4.5	4.1	1.4						31.8	6.0
NNE	1.7	.6									2.4	3.0
NE	.6	.2									.9	2.9
ENE	.5	.4									.9	3.3
E	.7	.5									1.2	3.3
ESE	.7	.2									1.0	2.9
SE	.5	.9	.5	.1							2.0	5.8
SSE	1.9	1.4	.7	.2							4.2	4.8
S	.7	1.0	1.1	.6							3.5	6.6
SSW	.2	.2	.5	.1							1.1	7.4
SW	.4	.5	.1								1.0	4.5
WSW	.5	.2	.1								.9	4.1
W	.2	.1									.4	3.3
WNW		.6	.2								.9	5.4
NW	1.7	1.6	1.2								4.6	4.6
NNW	7.8	8.7	6.1	1.0	.2						23.8	5.3
VARIABLE												
CALM	////////////////////										19.6	////
TOTALS	29.4	28.0	15.1	6.2	1.6						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 806

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	4.3	2.6	3.8	2.6	.9	.2					14.5	7.7
NNE	1.9	1.2	.5		.1						3.7	4.4
NNE	1.2	1.2	.4								2.8	4.0
ENE	2.6	1.4	.4	.1							4.5	3.6
E	4.1	3.1	1.1								8.3	4.0
ESE	3.2	2.0	.9								6.1	3.9
SE	4.1	4.3	1.7	.4							10.5	4.6
SSE	3.6	4.2	3.1	.6							11.5	5.4
S	2.2	3.5	3.5	1.2	.1						10.5	6.7
SSW	.2	.2	1.5	.9	.1						3.0	9.4
SW	.6	.6	1.1	.6							3.0	7.4
WSW	.7	.4	.1	.4							1.6	5.7
W	.7	.5									1.2	3.1
WNW	.1	.2									.4	3.3
NW	.2										.2	1.5
NNW	.7	1.1	.9	.5							3.2	6.3
VARIABLE												
CALM	////////////////////										15.0	7.777
TOTALS	30.7	26.6	18.9	7.3	1.2	.2					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 808

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUITS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.1	1.8	1.3	1.5	.5	.1						6.3	8.7
NNE	1.4	1.3	.9									3.6	5.0
NE	1.8	1.6	.8	.4								4.6	5.0
NNE	1.1	2.7	.6									4.4	4.5
E	3.3	3.9	3.7	.3								11.2	5.2
ESE	2.6	3.8	1.8	.6								9.0	5.3
SE	2.4	3.7	5.5	2.4								14.0	7.4
SSE	2.3	4.7	5.6	1.4		.1						14.1	6.8
S	3.3	2.7	3.7	1.8	.3							11.7	6.7
SSW	.6	1.3	1.5	1.1	.3							4.8	8.2
SW	.4	1.1	1.4	.9	.1	.1						4.1	8.8
WSW	.3	.3	.5	.3								1.3	7.7
W	.1	.4	.8									1.3	6.3
WNW		.3	.1	.1								.5	8.0
NW	.3	.1	.6									1.0	6.5
NNW	.8	.5	.9	.9	.4							3.4	9.0
VARIABLE													
CALM	////////////////////											4.8	////
TOTALS	22.0	30.1	29.6	11.7	1.5	.4						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 708

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724620 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.6	3.3	2.6	3.0	.7							11.3	8.5
NNE	1.6	1.3	.9	1.2	.3							5.2	7.1
NNE	1.3	.4	1.6									3.3	5.2
NNE	.6	.4		.6	.1							1.7	7.8
E	2.3	2.5	2.5	.3								7.5	5.5
ESE	1.9	2.8	2.2	1.2								8.0	6.3
SE	.9	3.6	3.0	2.5	.1							10.1	7.7
SSE	1.7	5.2	3.3	1.3								11.6	6.6
S	1.2	2.6	2.9	1.4	.6							8.7	8.0
SSW	.6	1.2	2.3	1.4	.1							5.7	8.7
SW	.6	1.0	.6	1.6	.3							4.1	9.3
WSW	1.0	1.3	.7	.4								3.5	6.0
W	1.2	.6	1.3	.3	.9	.1						3.9	8.0
WNW	.1	.3	.1	.1								.7	7.2
NW	.6	.9	.6	.6								2.6	7.2
NNW	.7	1.2	2.0	2.5	.6	.1						7.1	10.4
VARIABLE	////////////////////////////////////										4.9	////	
CALM	////////////////////////////////////										100.0	7.2	
TOTALS	17.6	28.6	26.7	18.4	3.3	.3							

TOTAL NUMBER OF OBSERVATIONS: 690

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	4.8	6.1	4.8	1.8		.2		.2			18.0	6.6
NNE		1.1	.9	.2							2.3	7.3
NE	.9	.2	.7								1.8	5.3
NNE		.2									.2	4.0
E	1.4	.7	.5								2.5	4.4
ESE	1.1	1.1	.7	.5							3.4	5.5
SE	1.6	1.6	1.1	.2							4.5	4.8
SSE	.9	.9	1.1			.2					3.2	7.0
S	1.6	2.0	.9								4.5	5.0
SSW	1.8	1.1	.9	.2							4.1	4.0
SW	2.0	1.6	.2	.2							4.1	3.9
WSW	.9	3.0	1.6	.5							5.9	6.1
W	2.7	3.9	1.4	.5	.2						8.6	5.2
WNW	1.1	1.1	.5	.2							3.6	4.8
NW	1.6	1.8	.5	.2							4.1	4.9
NNW	1.6	5.5	4.3	.5	.2						12.0	6.3
VARIABLE												
CALM	////////////////////										17.0	////
TOTALS	24.1	32.7	20.0	5.0	.5	.5		.2			100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 440

GLOBAL CLIMATOLOGY BRANCH,
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUITS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	4.2	8.3	5.1	.8	.8	.4					19.8	6.3
NNE	1.2	.4	.8								2.4	4.7
NE	.4	.4	.4								1.2	4.7
ENE			.4								.4	9.0
E	.4		.4								.8	4.0
ESE	.4	.4	.4								1.2	5.0
SE	.4	1.2	.4								2.0	5.4
SSE	.6	2.0									2.8	4.7
S	.8	.8	.4								2.0	4.6
SSW	.8	1.6									2.4	4.2
SW	1.2	2.4									3.6	4.4
WSW	1.2	.8	.4								2.4	4.2
W	2.8	1.6	.4	.8	.4	.8					6.7	8.4
WNW	1.2	2.0	1.2								4.3	5.3
NW	3.2	4.7	1.2								9.1	4.4
NNW	4.3	7.9	4.7	2.0							19.0	5.9
VARIABLE												
CALM	////////////////////										20.2	////
TOTALS	23.3	34.4	16.2	3.6	1.2	1.2					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 253

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	4.8	5.2	3.5	2.5	.7	.1		.0			16.9	6.9
NNE	1.4	1.0	.6	.2	.1						3.3	5.3
NE	1.1	.7	.6	.1							2.5	4.7
ENE	.9	1.0	.2	.1	.0						2.3	4.6
E	2.2	2.0	1.4	.1							5.7	4.8
ESE	1.9	1.8	1.0	.4							5.1	5.1
SE	1.7	2.7	2.2	1.0	.0						7.7	6.4
SSE	2.0	3.2	2.6	.7		.0					8.6	6.1
S	1.7	2.2	2.3	1.0	.2						7.4	6.7
SSW	.6	.8	1.2	.7	.1						3.4	7.8
SW	.7	1.0	.6	.6	.1	.0					3.0	7.3
WSW	.7	.8	.5	.2							2.2	5.8
W	.9	.8	.6	.1	.1	.1					2.6	6.3
WNW	.3	.7	.2	.1							1.3	5.2
W	1.2	1.3	.7	.1							3.3	5.0
NNW	2.9	4.1	3.2	1.1	.2	.0					11.5	6.3
VARIABLE												
CALM	////////////////////										13.0	////
TOTALS	25.1	29.4	21.4	9.1	1.6	.3		.0			100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 4011

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	6.9	4.4	8.4	.5		.5					20.7	6.1
NNE	.5	.5									1.0	3.5
NE												
ENE	.5										.5	3.0
E	.5	.5									1.0	3.5
ESE		1.5									1.5	5.7
SE	1.0	.5									1.5	2.3
SSE	1.5	1.0									2.5	3.8
S	2.0	1.0	.5	.5							3.9	4.1
SSW	1.0	1.0									2.0	4.0
SW	.5	1.0	1.0								2.5	5.6
WSW	1.0	1.5		.5							3.0	4.8
W		.5	.5								1.0	6.5
WNW	.5	2.5	.5								3.4	5.4
NW	2.5	5.4	1.5	.5							9.9	5.1
NNW	8.4	15.3	5.9	1.0	.5						31.0	5.4
VARIABLE												
CALM	////////////////////										14.8	////
TOTALS	26.6	36.5	18.2	2.0	.5	.5					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 263

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	7.8	8.1	5.1	2.1	.7	.4	.1					24.3	6.3
NNE	1.1	.3										1.4	2.6
NE	1.7	.3										1.9	2.7
NAC	.8											.8	2.0
E	.4	.6										1.0	3.6
ESE	.6	.4	.4									1.4	4.9
SE	.7	1.5	1.0									3.2	5.2
SSE	1.0	1.7	.1	.3								3.0	4.9
S	1.9	1.1	.7	.3								4.0	4.9
SSA	.3	1.0	.8	.8								2.9	8.1
SA	.7	1.0	.7	.4								2.8	6.1
WSW	.4	.8	.7		.1							2.1	6.9
W	.4	1.0	.1	.1		.1						1.8	6.5
WNW	.8	1.0	.1									1.9	3.9
NR	2.2	3.2	1.4	.4								7.2	5.3
NNW	6.6	11.3	5.1	1.1								24.1	5.2
VARIABLE													
CLM	////////////////////											16.4	////
TOTALS	27.4	33.0	16.2	5.5	.8	.6	.1					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 727

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.9	1.6	1.5	2.3	.5	.7						9.6	8.8
NNE	.7	1.2	.3									2.2	4.6
NE	2.1	.7	.3									3.0	3.0
ENE	2.1	1.1	.1									3.3	2.9
E	3.3	1.8	.4	.1								5.6	3.6
ESE	2.5	2.1	1.1	.1								5.8	4.4
SE	2.9	4.3	2.6	.4								10.2	5.2
SSE	3.8	4.9	5.1	1.4								15.1	6.0
S	3.6	2.6	3.8	2.2	.1							12.3	6.8
SSW	1.1	.7	1.8	1.4	.3	.1						5.3	9.0
SW	.7	.4	2.5	1.5	.1	.1						5.3	9.4
WSW		.4	1.4	1.1	.1	.3						3.3	11.5
W	.7	.3	.5	.5	.3							2.3	8.8
WNW	.3	.1										.4	3.0
NW	.7	.4	.1	.1								1.4	4.6
NNW	.5	.5	1.1		.1							2.3	6.9
VARIABLE													
CALM	////////////////////											12.5	////
TOTALS	27.7	23.0	22.6	11.2	1.6	1.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 729

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.7	1.3	.7	1.5	.6							4.7	9.3
NNE	.6	.1	.6	.1								1.4	6.3
NE	.7	.4	1.1	.3								2.5	6.6
ENE	1.3	1.3	.6									3.1	4.2
E	3.1	3.1	1.0	.1								7.2	4.3
ESE	1.3	3.6	2.5	.6								7.9	6.3
SE	2.2	3.6	4.0	1.7								11.5	6.6
SSE	3.2	5.6	8.3	3.8								20.9	7.6
S	2.5	4.6	4.9	3.6								15.6	7.5
SSW	.3	.8	1.5	3.3	.7	.3	.1					7.1	12.4
SW	.4	.1	2.8	2.4	.1	.1						6.0	10.7
WSW	.4	.6	1.0	.6	.4	.1						3.1	10.2
W	.3	.3	.6	.6	.4							2.1	10.7
WNW	.1	.3	.3									.7	5.6
NW	.3	.3	.3									.8	5.3
NNW	.1	.4	.7	.4								1.7	6.3
VARIABLE													
CALM	////////////////////											3.8	////
TOTALS	17.4	26.3	30.7	18.9	2.2	.6	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 124680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2	.8	.6	.5			.2					2.2	9.1
NNE	.2	.3	1.8	.2								2.4	8.2
NNE	.3	.8	.2	.2								1.4	5.4
ENE	.6	.8	.2	.2								1.9	4.8
E	1.4	3.4	.8									5.6	4.7
ESE	2.1	2.9	3.5	1.0								9.4	6.7
SE	1.4	4.8	4.5	.6		.3						11.7	6.8
SSE	2.9	6.2	5.8	2.6								17.4	6.7
S	1.8	5.8	5.0	3.4								15.8	7.5
SSW	.5	1.8	2.4	1.4								6.1	8.1
SW	1.1	1.4	2.6	1.0	.2	.3	.2	.2				6.9	9.4
WSW	.9	.5	1.6	.5	.3							3.7	8.7
W	.3	1.3	1.4	.8	.2							4.0	8.4
WNW	.2	.2	.8	.3								1.4	8.3
NW	.6	.3	.2	.2								1.3	5.5
NNW	.5	.3	.8	.2	.2							1.9	7.5
VARIABLE													
CALM	////////////////////											6.7	////
TOTALS	15.0	31.5	32.0	12.8	.8	.6	.3	.2				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 625

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.3	3.7	1.1	1.3				.5			8.0	8.6
NNE	.8	.5	.8	.3							2.4	6.2
NE	1.1	.8									1.9	3.2
ENE	.9	.3									1.1	3.0
E	.8	.8	.3								1.9	4.6
ESE	.5	1.1	.3								1.9	4.1
SE	1.1	1.1	.5		.3						2.9	5.5
SSE	2.7	2.7	.3								5.6	3.8
S	2.4	1.1	.3								3.7	3.2
SSW	2.7	1.6	.8	.5							5.6	5.1
SW	5.1	2.2	1.3	.8	.3						10.6	5.0
WSW	5.3	2.9	1.9								10.1	4.3
W	4.8	7.4	1.6	.3							14.1	4.6
WNW	1.3	2.1	.3								3.7	4.3
NW	1.3	1.9	.3	.3							3.7	4.6
NNW	1.9	2.4	2.4	.5	.3						7.4	6.5
VARIABLE												
CALM	////////////////////										15.4	////
TOTALS	33.8	33.5	12.0	4.0	.8			.5			100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 376

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724660 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS.										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.6	6.2	2.1	1.6	.5	.5	.5				13.0	7.8
NNE	.5	1.0	1.0								2.6	6.2
NE	.5										.5	1.0
NNE	.5										.5	1.0
E	.5	.5									1.0	3.5
ESE	.5		.5								1.0	5.5
SE	.5	2.6									3.1	4.0
SSE	.5	1.6									2.1	4.8
S	1.6	3.6	.5								5.7	9.5
SSW	.5	1.6	.5		.5						3.1	7.7
SW	3.6	2.1	1.0	.5							7.3	4.6
WSW	4.7	6.2									10.9	3.7
W	3.1	6.2	1.0								10.4	4.3
WNW		2.6									2.6	4.6
NW	1.0	1.6	1.6	.5							4.7	6.2
NNW	2.1	7.3	3.6	1.0							14.1	5.9
VARIABLE												
CALM	////////////////////										17.2	////
TOTALS	21.9	43.2	12.0	3.6	1.0	.5	.5				100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 192

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.0	3.4	2.3	1.5	.4	.3	.1	.1			11.0	7.4
NNE	.6	.5	.6	.1							1.9	5.7
NE	1.1	.5	.3	.1							2.0	4.2
ENE	1.1	.6	.2	.0							2.0	3.5
E	1.8	1.8	.4	.1							4.1	4.2
ESE	1.3	1.9	1.5	.3							5.0	5.8
SE	1.6	3.0	2.4	.5	.0	.1					7.6	6.0
SSE	2.5	3.9	3.8	1.5							11.8	6.5
S	2.4	3.1	2.9	1.8	.0						10.2	6.8
SSW	.8	1.1	1.4	1.4	.2	.1	.0				5.0	9.0
SW	1.3	1.1	1.9	1.1	.1	.1	.0	.0			5.7	8.0
WSW	1.2	1.2	1.1	.4	.2	.1					4.2	7.2
W	1.0	1.7	.8	.4	.2	.0					4.1	6.5
WNW	.4	.8	.3	.1							1.6	5.1
W	1.1	1.4	.6	.2							3.3	5.2
NNW	2.4	4.1	2.3	.5	.1						9.4	5.7
VARIABLE												
CALM	////////////////////										11.2	////
TOTALS	23.6	30.2	22.7	16.2	1.3	.6	.1	.1			100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 3571

GLOBAL CLIMATOLOGY BRANCH
USAF/CIAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUYIS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
H	3.9	12.2	3.9	2.2	.6	1.1					23.8	7.0
NNE	.6	.5									1.1	4.0
N											.6	2.0
NNE	.6											
E	1.7	1.1									2.8	3.0
ESE												
SE	1.1	.6									1.7	3.7
SSE	1.1	2.2	1.1								4.4	4.8
S		1.7	.6	.6							2.8	7.6
SSW		.6									.6	4.0
SW												
WSW			.6								.6	10.0
W			1.1			.6					1.7	12.3
WNW	1.1	1.1									2.2	3.8
NW	1.7	5.0	7.2	1.1							14.9	6.9
NNW	2.2	17.1	8.3	1.7							29.3	6.1
VARIABLE												
CALM	////////////////////										13.8	////
TOTALS	13.8	42.0	22.7	5.5	.6	1.7					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 181

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	9.7	10.3	4.7	1.4	1.6	1.1	.3					28.0	6.7
NNE	.5	.5		.1								1.2	4.2
NE	.2	.4	.3									.9	5.0
ENE	.4	.3										.7	2.8
E	.4	.5										.9	3.3
ESE	.5	.3	.1									.9	3.5
SE	.7	.9	.3									1.9	4.3
SSE	1.4	1.8	.8									3.9	4.8
S	.5	2.4	1.2	.7								4.9	6.6
SSW	.7	.7	.3									1.6	4.1
SW	.4	.4		.1								.9	5.3
WSW	.7	.1	.3	.5								1.6	7.6
W	.5	.3	.1	.3		.1						1.4	7.4
WNW	.3	.3	.4									.9	5.1
WW	2.2	3.5	1.4									7.0	4.8
NNW	5.0	14.0	7.9	.6	.4			.1	.1	.1		28.5	6.5
VARIABLE													
CALM	////////////////////////////////////										14.5	////	
TOTALS	23.2	36.7	17.8	3.9	2.0	1.2	.3	.1	.1	.1	100.0	5.2	

TOTAL NUMBER OF OBSERVATIONS: 738

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724686 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	4.1	3.8	3.2	2.6	1.1	1.8	.1				16.6	9.3
NNE	1.8	.7	.4								2.8	3.4
N E	1.5	1.1	.3	.1							3.0	4.0
ENE	2.3	1.2	.1								3.7	3.3
E	2.7	1.2	.3								4.2	3.3
ESE	2.0	1.2	.9								4.2	4.4
SE	3.9	4.2	3.0	.5							11.6	5.3
SSE	3.7	5.3	3.5	.9							13.4	5.7
S	3.9	2.6	2.0	1.8	.3						10.6	6.3
SSW	.9		.7	.8		.1					2.6	8.7
SW	.2	.3	.3	1.1	.1						2.0	10.3
WSW	.1	.3	.3	.7	.3						1.6	11.8
W	.4	.3	.5	.1	.3	.3					1.9	10.4
WNW	.1	.3	.4								.8	6.2
NN	.1	.3									.4	3.7
NNW	1.2	.9	.8	.1	.1	.3	.3	.1			3.9	9.6
VARIABLE												
CALM	////////////////////										16.6	////
TOTALS	29.1	23.5	16.8	8.8	2.2	2.4	.4	.1			100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 739

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	1.4	1.5	2.7	1.4	.4						7.9	11.8
NNE	.3	.7	1.0	.3	.3							2.5	8.6
NE	.5	.5	.7	.3								2.1	6.1
ENE	1.6	1.0	.4	.1								3.1	4.2
E	3.8	2.3	.7									6.8	3.7
ESE	2.3	4.1	2.5	.1								9.0	5.2
SE	2.2	5.1	4.9	1.4								13.5	6.5
SSE	2.9	6.4	6.3	2.2								17.8	6.8
S	2.5	5.2	3.3	2.2	.3							13.4	6.8
SSW	.8	1.1	.4	2.3	.5							5.2	10.1
SW	.4	.7	.7	1.4	.5	.4						4.1	12.0
WSW	.1	.7	.1	1.4	.3							2.6	10.9
W	.3	.5	.8	1.1	.7	.1						3.6	11.4
WNW	.4	.3	.4									1.1	4.9
NW	.3	.1										.4	2.7
NNW	.3	.3	.3	.3	.3			.3				1.6	14.3
VARIABLE													
CALM	////////////////////											5.2	////
TOTALS	19.3	30.4	23.9	15.7	4.2	1.0		.3				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 731

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	1.3	3.5	3.3	.8	.2	.2					9.7	10.7
NNE	.8	.2	1.1	.2								2.2	6.4
N E	.6	.6	.5	.2								1.9	5.3
ENE	1.0	1.1	1.1	.6								3.8	6.5
E	2.1	1.6	.5									4.1	3.8
ESE	1.6	3.8	1.3	.3								7.0	5.2
SE	3.2	5.4	3.5	1.7								13.8	6.2
SSE	4.1	7.0	7.6	2.1								20.8	6.5
S	2.5	3.5	3.0	1.7	.3							11.1	6.8
SSW	1.4	.6	1.1	1.0	.3	.3						4.8	8.9
SW	.8	1.0	1.4	1.3	.3							4.8	8.7
WSW	.3	1.4	1.1	.3	.2	.2						3.5	8.0
W	.2	.3	1.6	1.1								3.2	9.8
WNW	.2	.2	.5	.5	.2							1.4	10.7
NW		.5		.2								.6	7.0
NNW	.2	.3	.6	.2		.2						1.4	9.6
VARIABLE													
CALM	////////////////////											5.9	////
TOTALS	19.4	26.7	28.4	14.6	2.1	.8	.2					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.1	6.1	3.7	2.7		.3						14.9	7.4
NNE	.8	.5										1.3	3.4
NE	.5	.3	.3									1.1	3.8
ENE	.8											.8	1.7
E	.3	.3										.5	3.5
ESE	1.1	.3										1.3	2.8
SE	.5	.5										1.1	4.0
SSE	1.1	1.3	.5									2.9	4.3
S	2.9	2.9	1.6	.3								7.7	4.6
SSW	2.1	1.1	.3	.3								3.7	4.0
SW	3.2	1.6	.5	.5								5.9	4.1
WSW	8.2	5.3	.3									13.8	3.1
W	4.8	4.8	.5									10.1	4.0
WW	1.1	1.1	1.1									3.2	4.9
NW	.9	2.4	1.1									4.3	5.7
NNW	3.7	4.3	1.6	.5		.3	.3					10.6	6.0
VARIABLE													
CALM	////////////////////											16.8	////
TOTALS	34.0	32.7	11.4	4.3		.5	.3					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 376

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.0	4.4	5.9	2.0	.5							15.8	7.1
NNE	.5		.5	1.5								2.5	9.0
NE		.5	.5									1.0	6.0
ENE													
E	1.0		.5									1.5	5.0
ESE	.5											.5	2.0
SE													
SSE	1.0	1.0										2.0	4.0
S	2.5	2.0	.5	.5								5.4	4.5
SSW	1.5	.5										2.0	2.5
SW	3.4	2.0										5.4	2.8
WSW	4.4	2.0	.5	1.0								7.9	4.7
W	2.5	3.0	2.0									7.4	4.1
WNW	2.0	1.5	1.0									4.4	3.9
NW	3.4	5.4	3.0									11.8	4.8
NNW	4.4	9.4	5.4	1.0								20.2	5.5
VARIABLE													
CALM	////////////////////											12.3	////
TOTALS	30.0	31.5	19.7	5.9	.5							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 203

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.4	4.9	3.5	2.4	1.0	.8	.1				16.1	8.3
NNE	.8	.5	.5	.2	.1						2.1	5.7
NE	.6	.6	.4	.1							1.7	4.9
ENE	1.2	.7	.3	.1							2.3	4.4
E	1.9	1.2	.3								3.4	3.6
ESE	1.4	1.8	.9	.1							4.3	4.9
SE	2.1	3.1	2.3	.7							8.1	5.9
SSE	2.6	4.3	3.6	1.0							11.5	6.2
S	2.3	3.2	2.1	1.3	.2						9.1	6.4
SSW	1.1	.6	.5	.8	.2	.1					3.3	7.9
SW	.9	.7	.5	.8	.2	.1					3.2	8.1
WSW	1.4	1.1	.4	.6	.1	.0					3.7	6.4
W	.9	.9	.8	.5	.2	.1					3.5	7.7
WNW	.5	.4	.5	.1	.0						1.5	5.8
NW	.9	1.7	.9	.1							3.6	5.3
NNW	2.1	5.0	2.8	.5	.2	.1	.1	.1	.0	.0	11.0	6.8
VARIABLE												
CALM	////////////////////										11.6	////
TOTALS	24.0	30.9	20.4	9.4	2.1	1.2	.2	.1	.0	.0	100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 3598

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		100.0									100.0	5.0
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARIABLE												
CALM	////////////////////										100.0	5.0
TOTALS		100.0									100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54		
N	4.1	9.7	6.2	1.8	.3	.5	.2	.2			22.9	7.0
NNE	.8	.7	.5								2.0	4.7
NE	.3	.3	.5								1.1	5.3
ENE	.5	.2	.3								1.0	4.2
E	.7	.3	.2								1.1	3.9
ESE		.5									.5	5.0
SE	.3	1.0	.3	.2							1.8	5.9
SSE	.5	.6	.7	.2							1.8	5.9
S	1.5	1.3	.8	.3							3.9	5.2
SSW	.7	.8		.3							1.8	5.6
SW	.3	.8	.2								1.3	5.1
WSW	.7	.5	.8	.8	.3	.2					3.3	9.8
W	1.1	1.0	1.1	1.0							4.3	7.5
WNW	.5	1.3	.3	.2							2.3	5.4
NW	2.1	4.7	2.3								9.2	5.4
NNW	7.4	11.6	6.7	1.0							26.7	5.3
VARIABLE												
CALM	////////////////////										15.1	////
TOTALS	21.4	35.2	20.9	5.7	.7	.7	.2	.2			100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 611

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL 1	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.4	5.6	3.9	1.9	1.1	.2	.3	.2			16.5	7.9
NNE	1.4	1.2	.5	.2		.2	.2				3.6	6.4
NE	1.2	.5	.2	.2							2.0	4.4
ENE	1.9	1.1	.2								3.1	3.5
E	2.0	1.4	.8	.2							4.3	4.5
ESE	1.4	.5	.5	.2							2.5	4.6
SE	1.7	1.6	1.4	.2							4.8	5.1
SSE	2.8	3.6	2.6	.3							9.3	5.1
S	2.8	3.7	3.9	1.1	.3						11.8	6.6
SSW	.3	.8	.6	.5							2.2	7.3
SW	.6	.3	.9	.8	.2						2.8	8.4
WSW	.6	.8	.6	.9	.8	.5					4.2	12.1
W	.2	.3	.3	.6	.8	.5					2.6	14.4
WNW			.3	.3	.2						.8	12.4
NW	1.1	.8	.5	.2							2.5	4.9
NNW	2.5	2.2	.8	.3		.2					5.9	5.1
VARIABLE												
CALM	////////////////////										21.1	////
TOTALS	23.9	24.2	17.9	7.6	3.3	1.4	.5	.2			100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 644

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CC

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.8	2.0	2.5	3.0	1.7	.2	.9					11.1	12.4
NNE	1.1	.5	.8	.5								2.8	6.1
NE	.5	.2	.2									.8	3.8
ENE	1.6	1.7		.2								3.4	3.7
E	2.0	3.6	1.7	.2								7.5	5.2
ESE	4.1	2.0	1.4	.5								8.0	4.5
SE	3.4	4.1	2.4	.5								10.3	5.1
SSE	2.5	5.5	3.9	2.0	.3							14.3	6.9
S	2.7	4.2	3.6	3.8	.6							14.9	7.9
SSW	.6	.3	.5	1.3	.5							3.1	10.5
SW		.2	.8	1.4	.5	.3	.2					3.3	14.8
WSW	.2	.5	.8	1.1	1.3							3.8	12.5
W	.2	.2	.6	.9	.3		.9		.2			3.3	17.9
WNW	.2	.3	.3	.9	.2							1.9	10.8
NW		.2		.3	.2							.6	11.8
NNW	.2	.5	.5									1.1	6.0
VARIABLE													
CALM	////////////////////											9.7	////
TOTALS	19.9	25.9	19.9	16.5	5.5	.5	2.0		.2			100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 636

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	1.0	3.5	3.0	1.7	.3	.3	.3			11.3	12.7
NNE	.2	.9	.7	.2							1.9	6.8
NE	.2	.2	.3								.7	5.8
ENE	1.0	.7	.2								1.9	4.1
E	1.4	1.4									2.8	3.3
ESE	2.3	2.3	1.9	.2							6.6	5.1
SE	2.6	4.0	2.8	.7							10.1	5.6
SSE	3.5	5.6	3.7	2.3							15.0	6.1
S	2.6	6.1	3.8	1.2							13.7	6.2
SSW	.3	1.0	.7	1.2							3.3	8.2
SW	1.2	.3	1.0	1.6	.7						4.9	9.4
WSW	.5	1.0	1.0	1.9	.3						4.9	9.7
W	.5	1.0	1.4	1.6	.3						4.9	9.7
WNW	.3		.3		.2		.2				1.0	10.7
NW	1.2	.5		.2		.2					2.1	5.8
NNW	.5	.5	.7	.9	.2						2.8	8.6
VARIABLE												
CALM	////////////////////										12.2	////
TOTALS	19.5	26.6	22.1	14.8	3.5	.5	.5	.3			100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 575

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.2	2.6	4.2	2.2	1.6							13.7	8.7
NNE	.6	.6										1.3	3.5
NE	.6	.3										1.0	3.0
ENE		.3										.3	5.0
E	.3		.3									.6	4.5
ESE		.3		.3								.6	8.0
SE		1.9										1.9	4.1
SSE	1.9	1.3	.3									3.5	3.8
S	1.6	4.2	1.3									7.0	4.6
SSW	.6	1.6		.3								2.6	5.0
SW	1.3	1.3	.6	1.0								4.2	6.2
WSW	2.6	3.2	1.0	1.0		.3						8.0	6.0
W	3.2	2.9	1.9	.3								8.3	5.0
WNW	1.0	1.3		.3								2.6	5.1
NW	3.5	4.2	1.3	.3								9.3	4.5
NNW	3.2	7.3	1.6	1.6								13.7	5.9
VARIABLE													
CALM	////////////////////											21.4	////
TOTALS	25.6	33.2	12.5	7.3	1.6	.3						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 313

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72468G STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	5.3	4.6	4.9	1.1	.7	.7					17.3	7.6
NNE	.4	.4									.7	4.0
NE	.7										.7	2.5
ENE	.7	.4									1.1	2.3
E	.4	.7									1.1	4.0
ESE												
SE	1.4	1.4									2.8	3.3
SSE	1.1	.7	.4	1.1							3.2	6.7
S	2.1	.7	1.8								4.6	4.8
SSW	.4	.7	.4								1.4	4.8
SW	.7	.7									1.4	3.5
WSW	1.1	.7	.7	1.1							3.5	7.1
W	1.8	.7		.4	.4						3.2	5.7
WNW	2.1	.4	.4	.4				.4			3.5	7.6
WW	2.8	6.4	2.8								12.0	5.0
NNW	5.3	14.8	7.1	1.1							28.3	5.5
VARIABLE												
CALP	////////////////////										15.2	////
TOTALS	26.1	33.2	18.4	4.9	1.1	.7		.4			100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 283

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724660 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.7	4.4	4.1	2.3	1.2	.3	.4	.1				15.5	8.5
NNE	.8	.8	.5	.2		.0	.0					2.3	5.9
NE	.6	.3	.2	.0								1.1	4.4
ENE	1.1	.8	.1	.0								2.1	3.7
E	1.3	1.4	.6	.1								3.4	4.6
ESE	1.6	1.1	.8	.2								3.6	4.8
SE	1.8	2.4	1.4	.3								5.9	5.2
SSE	2.2	3.2	2.3	1.0	.1							8.7	6.0
S	2.3	3.6	2.7	1.3	.2							10.1	6.6
SSW	.5	.8	.4	.7	.1							2.5	7.7
SW	.6	.5	.7	.8	.3	.1	.0					3.0	9.4
WSW	.8	.9	.8	1.1	.6	.2						4.4	9.8
W	.9	.8	.9	.9	.3	.1	.2		.0			4.1	10.0
WNW	.5	.5	.3	.4	.1		.0	.0				1.8	8.2
NW	1.5	2.3	.9	.2	.0	.0						4.9	5.2
NNW	2.9	5.1	2.5	.7	.0	.0						11.3	5.5
VARIABLE													
CALM	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	15.3	////
TOTALS	21.9	29.0	19.2	10.1	2.9	.7	.7	.2	.0			100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 3065

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 79-81,83
MONTH: DEC HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		10.0									10.0	4.0
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S		10.0									10.0	6.0
SSW	10.0		10.0								20.0	5.0
SW												
WSW												
W					10.0						10.0	20.0
WNW		10.0									10.0	4.0
NW												
NNW	10.0	20.0									30.0	3.0
VARIABLE												
CALM	////////////////////										10.0	////
TOTALS	20.0	50.0	10.0		10.0						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724688 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	4.1	6.5	4.1	3.5	1.0	.3					19.5	7.3
NNE	1.0	1.0	.3								2.2	4.1
NE	.6	.2									.8	2.6
ENE	.6	.6									1.3	3.5
E	.2	.3	.2								.8	5.4
ESE	.2	.2									.3	4.5
SE	1.0	.6	.5	.2							2.2	4.8
SSE	1.1	1.4	1.0	.3							3.8	5.3
S	2.2	2.1	.6	1.3							6.2	5.7
SSW	.6	.8	.3	.5							2.2	6.8
SW	.8	1.0	.8	.2							2.7	5.8
WSW	1.9	.6	.2	.3		.2	.2				3.3	6.0
W	1.1	1.0	1.4	.2		.5					4.1	7.6
WNW	.6	1.0	.5								2.1	5.0
NW	2.1	3.2	1.6	.3							7.1	5.1
NNW	4.3	11.3	6.7	1.4	.2						23.8	5.8
VARIABLE												
CALM	////////////////////										17.6	////
TOTALS	22.5	31.5	19.1	8.1	1.1	1.0	.2				100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 631

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	5.7	5.6	3.4	2.5	.7	.4	.3					18.6	7.2
NNE	1.8	.3	.9	.3	.1							3.4	5.7
NE	1.3	.9										2.2	2.9
ENE	1.0	.6	.3	.3								2.2	4.9
E	1.2	1.0	.6	.1								2.9	4.3
ESE	.3	1.0	.6									1.9	5.2
SE	1.9	1.6	.9	.3								4.7	4.9
SSE	4.5	2.5	2.0	.4								9.5	4.7
S	2.2	3.8	2.3	.9								9.2	5.7
SSW	.7	.6	.9	1.0	.4							3.7	9.4
SW	.1		.7	.4	.1							1.5	10.2
WSW	.4	.3	.4	.7	.4	.1						2.5	11.7
W	.4	.3	.1	.7		.3		.1				2.0	12.4
WNW		.1	.3	.1								.6	8.0
NW	.9	1.0	.3	.1	.1							2.5	5.4
NNW	4.0	5.1	2.8	1.0								12.9	5.4
VARIABLE													
CALM	////////////////////											19.8	////
TOTALS	26.5	24.7	16.5	9.1	2.0	.9	.3	.1				100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 663

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724620 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.5	2.2	2.2	3.9	.7	.4						12.1	9.3
NNE	1.3	.6	.4		.1							2.5	4.8
NE	1.0	.9	.6									2.5	4.4
ENE	1.2	.4	.7	.3								2.7	5.7
E	2.2	1.5	.9									4.6	4.2
ESE	1.9	3.0	1.9									6.9	5.1
SE	4.6	3.7	3.0	.1								11.5	4.8
SSE	3.3	5.8	3.4	.9								13.4	5.6
S	3.6	3.6	4.8	2.4								14.3	6.7
SSW	1.0	.3	.6	.6	.3							2.8	7.8
SW	.1	.1	.9	1.5	.4							3.1	11.9
WSW	.3	.1	.4	1.0	.6	.3	.1					3.0	14.2
W	.6	.3	.7	.4	.6	.4	.1					3.3	12.6
WNW	.1	.1	.4	.3	.1	.1						1.3	11.4
NW	.3	.3	.1			.1						.9	7.3
NNW	.3	.3	.1	.4	.1							1.3	10.0
VARIABLE													
CALM	////////////////////////////////////											13.6	////
TOTALS	24.6	23.4	21.5	11.9	3.1	1.5	.3					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 670

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724660 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.5	1.5	2.4	2.7	.3	.3					8.9	8.5
NNE	1.4	.3	.3	.2							2.2	4.2
NE	1.4	1.4			.2						2.9	4.2
NNE	1.0	.7	.5								2.2	4.1
E	1.4	1.7	.5								3.6	4.1
ESE	1.5	1.5	.7								3.8	4.1
SE	2.6	4.3	1.2	.5							8.5	5.0
ESE	4.6	4.8	2.2	1.0							12.6	5.0
S	4.6	4.1	3.2	.9							12.8	5.4
SSW	1.0	.5	1.2	.9							3.6	7.5
SW	.2	.2	.5	2.1	.3						3.2	12.8
WSW	.2	.2	1.2	.7							2.2	9.1
W	.9	.3	.7	1.2	.3	.3	.2	.2			4.1	12.9
WNW	.5	.5	.2	.2							1.4	5.0
NW	1.0	1.5	.3	.2							3.1	4.7
NNW	1.5	1.5	1.2	.5							4.8	5.8
VARIABLE												
CALM	////////////////////										20.0	////
TOTALS	25.3	25.1	16.4	10.9	1.2	.7	.2	.2			100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 585

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724688 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.0	5.6	2.3		.4							11.3	5.4
NNE	.8	1.5										2.3	3.8
NE	.4	1.1										1.5	4.0
ENE													
E	1.1	.4										1.5	3.0
ESE		.4	.4									.8	5.5
SE		1.5	.8									2.3	7.0
SSE	2.6	2.3										4.9	3.4
S	1.9	3.0	.4	1.1								6.4	5.5
SSW	2.4	1.1	1.9	1.1								6.4	6.2
SW	1.9	1.1	.8	1.1								4.9	6.2
WSW	1.9	1.9	2.3	.8								6.8	6.1
W	2.3	2.6	1.5	.4								6.8	5.2
WNW	1.5					.4						1.9	6.6
NW	3.0	1.9	2.6	.4								7.9	5.4
NNW	4.5	9.8	3.0	.4	.4							18.0	5.3
VARIABLE													
CALM	////////////////////											16.5	////
TOTALS	27.1	34.2	15.8	5.3	.8	.4						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 266

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
R	4.8	3.5	3.1	.9	.4							12.7	5.8
NNE	.9	1.8										2.6	3.8
NE	.9											.9	2.5
ENE		.4										.4	4.0
E													
ESE													
SE			3.1									3.1	8.1
SSE	1.8	2.6	.9									5.3	4.8
S	1.3	2.6		.4								4.4	5.3
SSW			.9	.4								1.3	10.7
SW	1.8	2.2	1.3	.9								6.1	6.7
WSW	.9	.9	2.6	.9	.4							5.7	8.1
W	.4	2.6	1.8			.4	.4					5.7	9.1
WNW	.4	1.3	1.3									3.1	5.4
NW	2.6	3.1	1.8	.9								8.3	5.7
NNW	7.5	11.4	3.9									22.8	4.4
VARIABLE													
CALN	////////////////////											17.5	////
TOTALS	23.2	32.5	20.6	4.4	.9	.4	.4					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 228

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 724660 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 56	TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			
N	3.6	4.1	5.0	2.7	.7	.3	.1					14.4	7.6
NNE	1.3	.7	.4	.1	.1							2.6	4.7
NL	1.0	.8	.1		.0							2.0	3.7
ENE	.8	.5	.3	.1								1.8	4.7
E	1.2	1.0	.5	.0								2.6	4.2
ESE	.8	1.2	.7									2.8	4.9
SE	2.1	2.2	1.5	.2								6.1	5.1
SSE	3.2	3.4	1.9	.6								9.0	5.1
S	2.9	3.3	2.3	1.3								9.8	5.9
SSW	.9	.6	.9	.7	.2							3.3	7.8
SW	.6	.5	.8	1.0	.2							3.1	9.2
WSW	.8	.5	.8	.7	.3	.1	.1					3.3	9.2
W	.8	.8	.9	.6	.2	.4	.1	.1				3.8	10.1
WNW	.4	.5	.4	.1	.0	.1						1.5	6.7
NW	1.3	1.6	.8	.2	.0	.0						4.1	5.3
NNW	3.1	5.6	2.8	.7	.1							12.3	5.5
VARIABLE													
CALM	////////////////////											17.5	////
TOTALS	24.6	27.4	18.1	9.1	1.8	.9	.2	.1				100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 3073

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.1	4.2	3.3	2.7	1.2	.7	.2	.1	.0			15.5	9.0
NNE	1.0	.8	.7	.3	.1	.0	.0					2.8	6.1
NE	.9	.7	.4	.1	.0							2.2	4.8
ENE	.9	.8	.4	.1	.0							2.2	4.6
E	1.4	1.6	.9	.1	.0	.0	.0					4.1	5.0
ESE	1.2	1.7	1.2	.3	.0	.0						4.5	5.8
SE	1.7	2.6	2.3	.8	.0	.0						7.5	6.3
SSE	2.1	3.4	3.2	1.3	.1	.0						10.1	6.6
S	2.1	2.8	2.7	1.6	.2	.0						9.3	7.0
SSW	.7	.8	.8	.9	.2	.1	.0					3.6	8.6
SW	.8	.7	.8	.8	.3	.1	.0	.0				3.5	8.8
WSW	.8	.8	.7	.6	.2	.1	.0	.0				3.3	8.4
W	.8	.9	.7	.5	.2	.2	.0	.0	.0			3.4	8.3
WNW	.4	.6	.3	.2	.0	.0	.0	.0	.0		.0	1.6	6.6
NW	1.0	1.4	.8	.2	.0	.0	.0					3.4	5.7
NNW	2.1	4.2	2.6	.9	.3	.1	.0	.0	.0	.0		10.3	6.5
VARIABLE													
CALM	////////////////////											12.8	////
TOTALS	21.4	28.1	21.7	11.4	2.9	1.3	.4	.1	.0	.0	.0	100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 42724

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

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

AND/OR

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.5	1.6	2.1	3.1	1.5	1.3	.3	.1			11.5	12.4
NNE	.9	.7	1.1	.4							3.0	6.1
NE	.6	.8	.4	.1							1.9	5.2
NNE	.6	1.2	.5	.3							2.6	5.6
E	1.6	1.9	1.0	.4							4.9	5.3
ESE	1.4	3.0	1.7	.6							6.7	6.0
SE	2.5	6.5	4.4	1.1							14.6	6.1
SSE	3.9	7.5	6.5	1.4							19.3	6.0
S	3.1	5.4	2.5	.6							9.6	5.5
SSW	.4	.7	.2				.0				1.3	5.2
SW	.3	.2	.0	.0							.6	3.8
WSW	.3	.1									.4	2.8
W	.3	.0	.1								.4	3.9
WNW	.2	.1		.0							.3	4.3
WW	.4	.1	.2	.0							.7	5.2
NNW	.4	.7	1.0	.7	.4	.1	.1	.2	.0	.0	3.7	12.8
VARIABLE												
CALM	////////////////////										18.6	////
TOTALS	18.4	26.4	21.6	8.8	1.9	1.4	.4	.3	.0	.0	100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 2268

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CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VERSUS VISIBILITY SUMMARY

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

DATA DERIVED FROM HOURLY OBSERVATIONS.

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

NOTES:

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

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

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

SKY COVER SUMMARY

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

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

ALSO PRESENTED ARE MEAN SKY COVERS.

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724630 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 83
MONTH: JAN HOURS (LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 1	GE 1/2	GE 3/4	GE 1	GE 1 1/2	GE 2	GE 2 1/2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10
NO-CLIL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 450	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 350	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 250	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 180	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 160	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 140	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72462C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87

MONTH: JAN HOURS(LST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 1	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1-63.6	64.3	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.8	64.8
GE 23000	69.6	70.3	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8	71.1
GE 18000	69.9	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.1	71.3
GE 16000	69.9	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.1	71.3
GE 14000	70.6	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.8	72.1
GE 12000	73.2	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.4	74.6
GE 10000	76.9	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.1	78.1	78.2	78.5
GE 9000	77.2	78.1	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.7	78.9
GE 8000	77.9	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.4	79.4	79.5	79.8
GE 7000	78.5	79.5	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	80.1	80.4
GE 6000	78.8	79.8	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.4	80.7
GE 5000	79.4	80.4	80.5	80.5	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.9	80.9	81.1	81.4
GE 4500	79.4	80.4	80.5	80.5	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.9	80.9	81.1	81.4
GE 4000	80.4	81.4	81.5	81.5	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.9	81.9	82.1	82.4
GE 3500	80.5	81.5	81.7	81.7	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	82.1	82.1	82.2	82.5
GE 3000	80.9	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.8	83.0	83.2
GE 2500	81.7	83.1	83.2	83.2	83.4	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	84.0	84.2
GE 2000	82.4	84.0	84.2	84.4	84.7	84.7	84.8	85.0	85.0	85.1	85.1	85.1	85.1	85.2	85.4	85.5	85.8
GE 1800	82.5	84.1	84.4	84.5	84.8	84.8	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.4	85.5	85.7	86.0
GE 1500	82.8	85.0	85.5	85.7	86.2	86.2	86.7	86.8	86.8	87.1	87.1	87.1	87.1	87.2	87.4	87.5	87.8
GE 1200	83.2	85.5	86.1	86.4	87.1	87.1	87.7	88.0	88.0	88.5	88.5	88.5	88.5	88.7	89.0	89.1	89.4
GE 1000	83.5	85.8	86.7	87.0	87.7	87.7	88.5	89.0	89.0	89.5	89.5	89.5	89.5	89.7	90.0	90.1	90.4
GE 900	83.5	85.8	86.7	87.0	87.7	87.7	88.5	89.0	89.0	89.5	89.5	89.5	89.5	89.7	90.0	90.1	90.4
GE 800	83.7	86.0	86.8	87.1	87.8	88.0	88.8	89.3	89.3	90.0	90.4	90.4	90.4	90.5	90.8	91.0	91.3
GE 700	83.7	86.0	86.8	87.1	88.0	88.1	89.0	89.8	89.8	90.7	91.1	91.1	91.1	91.3	91.5	91.7	92.0
GE 600	84.0	86.4	87.2	87.5	88.5	88.7	89.5	90.5	90.5	91.8	92.3	92.3	92.3	92.4	92.7	92.8	93.1
GE 500	84.1	87.1	88.0	88.3	89.4	89.5	90.4	91.4	91.4	93.0	93.6	93.6	93.6	93.7	94.0	94.1	94.4
GE 400	84.1	87.5	88.4	88.7	89.8	90.0	91.0	92.3	92.3	93.8	94.4	94.4	94.4	94.7	95.0	95.1	95.6
GE 300	84.2	87.7	88.5	88.8	90.0	90.3	91.4	92.8	92.8	94.4	95.3	95.3	95.4	95.8	96.1	96.3	96.7
GE 200	84.2	87.7	88.5	89.0	90.1	90.4	91.5	93.0	93.0	94.6	95.7	95.8	95.8	96.8	97.1	97.3	97.7
GE 100	84.2	87.7	88.5	89.0	90.1	90.4	91.5	93.0	93.0	94.7	96.4	96.6	96.6	98.0	98.3	98.6	99.1
GE 0	84.2	87.7	88.5	89.0	90.1	90.4	91.5	93.0	93.0	94.7	96.4	96.6	96.6	98.0	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 696

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87

MONTH: JAN HOURS(LST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	1-GE	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	60.7	61.5	61.7	61.7	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3
GE 25000	68.8	69.6	69.6	69.6	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.6	70.6
GE 18000	69.0	69.8	69.9	69.9	70.4	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.9	70.9
GE 16000	69.1	69.9	70.0	70.0	70.6	70.6	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0
GE 14000	70.6	71.4	71.5	71.5	72.1	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.5	72.5
GE 12000	74.0	74.8	74.9	74.9	75.4	75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8
GE 10000	78.3	79.1	79.2	79.2	79.8	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.2	80.2
GE 9000	78.8	79.8	79.9	79.9	80.4	80.4	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8
GE 8000	80.0	81.0	81.1	81.1	81.6	81.6	81.8	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2
GE 7000	80.3	81.4	81.5	81.5	82.1	82.1	82.2	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6
GE 6000	80.6	81.6	81.8	81.8	82.3	82.3	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.9	82.9
GE 5000	81.4	82.5	82.6	82.6	83.1	83.1	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7
GE 4500	81.5	82.6	82.7	82.7	83.3	83.3	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8
GE 4000	82.9	84.2	84.3	84.3	84.9	84.9	85.0	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4
GE 3500	83.0	84.5	84.6	84.6	85.2	85.2	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7
GE 3000	83.3	84.8	85.2	85.2	85.8	85.8	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.4	86.4
GE 2500	83.4	85.3	85.8	85.8	86.5	86.5	86.9	87.3	87.4	87.4	87.4	87.4	87.4	87.6	87.6	87.7	87.7
GE 2000	83.7	85.6	86.1	86.2	87.0	87.0	87.4	88.0	88.1	88.3	88.3	88.3	88.3	88.4	88.4	88.5	88.5
GE 1800	84.1	86.0	86.5	86.6	87.4	87.4	87.9	88.4	88.5	88.7	88.7	88.7	88.7	88.8	88.8	88.9	88.9
GE 1500	84.9	86.8	87.4	87.9	89.1	89.1	89.5	90.0	90.1	90.3	90.3	90.3	90.3	90.4	90.4	90.6	90.6
GE 1200	85.3	87.3	88.0	88.7	90.0	90.0	90.6	91.6	91.8	92.0	92.0	92.0	92.0	92.2	92.2	92.3	92.3
GE 1000	85.3	87.6	88.3	88.9	90.3	90.4	91.2	92.3	92.4	92.8	92.8	92.8	92.8	93.1	93.1	93.4	93.4
GE 900	85.3	87.6	88.3	88.9	90.4	90.6	91.4	92.6	92.7	93.1	93.1	93.1	93.1	93.5	93.5	93.8	93.8
GE 800	85.3	87.7	88.4	89.1	90.8	91.0	91.8	93.4	93.5	93.9	94.1	94.1	94.1	94.5	94.5	94.7	94.7
GE 700	85.3	87.7	88.5	89.2	91.0	91.1	92.0	93.7	93.8	94.3	94.6	94.6	94.6	95.0	95.0	95.3	95.3
GE 600	85.3	87.7	88.5	89.3	91.2	91.4	92.6	94.3	94.5	95.0	95.3	95.3	95.3	95.7	95.7	96.0	96.0
GE 500	85.3	87.7	88.5	89.3	91.2	91.6	93.4	95.3	95.4	96.2	96.5	96.5	96.5	96.9	96.9	97.2	97.2
GE 400	85.3	87.7	88.5	89.3	91.6	92.0	93.9	95.8	96.0	96.9	97.3	97.3	97.3	97.8	97.8	98.1	98.1
GE 300	85.3	87.7	88.5	89.3	91.6	92.2	94.2	96.1	96.2	97.2	97.6	97.6	97.6	98.1	98.1	98.4	98.4
GE 200	85.3	87.7	88.5	89.3	91.6	92.3	94.3	96.2	96.4	97.3	97.8	97.8	98.0	99.1	99.1	99.5	99.5
GE 100	85.3	87.7	88.5	89.3	91.6	92.3	94.3	96.2	96.4	97.3	97.8	97.8	98.0	99.1	99.1	99.6	99.6
GE 0	85.3	87.7	88.5	89.3	91.6	92.3	94.3	96.2	96.4	97.3	97.8	97.8	98.0	99.1	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	58.4	59.5	59.5	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8		
GE 20000	69.1	70.2	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5		
GE 18000	69.8	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 16000	70.0	71.2	71.2	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 14000	71.6	73.1	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4		
GE 12000	75.9	77.5	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8		
GE 10000	80.2	82.3	82.3	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 9000	80.5	82.7	82.7	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 8000	81.6	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1		
GE 7000	82.0	84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5		
GE 6000	82.7	84.9	84.9	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3		
GE 5000	83.7	85.9	85.9	86.1	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3		
GE 4500	83.8	86.0	86.0	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4		
GE 4000	84.8	87.1	87.2	87.5	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8		
GE 3500	85.6	87.9	88.3	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0		
GE 3000	86.4	88.9	89.3	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1		
GE 2500	86.7	89.2	89.7	90.3	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9		
GE 2000	87.5	90.4	90.9	91.5	92.6	92.6	92.6	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1		
GE 1800	87.5	90.4	90.9	91.5	92.6	92.6	92.6	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1		
GE 1600	87.5	90.4	90.9	91.5	92.6	92.6	92.6	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3		
GE 1400	87.5	90.7	91.4	92.0	93.3	93.4	94.0	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7		
GE 1200	87.7	90.9	91.6	92.6	94.2	94.4	95.1	95.6	95.6	95.9	96.0	96.0	96.0	96.0	96.0		
GE 1000	88.1	91.5	92.3	93.4	95.1	95.2	95.9	96.4	96.4	96.7	96.8	96.8	96.8	96.8	96.8		
GE 900	88.1	91.6	92.5	93.6	95.2	95.5	96.2	96.7	96.7	97.0	97.1	97.1	97.3	97.3	97.3		
GE 800	88.5	92.2	93.0	94.2	95.9	96.2	96.8	97.5	97.5	97.8	97.9	97.9	98.2	98.2	98.2		
GE 600	88.5	92.2	93.0	94.2	95.9	96.2	97.0	97.7	97.7	98.1	98.2	98.2	98.5	98.5	98.5		
GE 500	88.5	92.2	93.0	94.4	96.3	96.7	97.5	98.2	98.2	98.6	98.8	98.8	99.0	99.0	99.2		
GE 400	88.5	92.2	93.0	94.4	96.3	96.7	97.5	98.4	98.4	98.8	98.9	98.9	99.2	99.2	99.3		
GE 300	88.5	92.2	93.0	94.4	96.3	96.7	97.5	98.4	98.4	98.9	99.2	99.2	99.5	99.5	99.6		
GE 200	88.5	92.2	93.0	94.4	96.3	96.7	97.5	98.4	98.4	98.9	99.2	99.2	99.5	99.5	99.6		
GE 100	88.5	92.2	93.0	94.4	96.3	96.7	97.5	98.4	98.4	98.9	99.2	99.2	99.5	99.5	99.6		
GE 0	88.5	92.2	93.0	94.4	96.3	96.7	97.5	98.4	98.4	98.9	99.2	99.2	99.5	99.5	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 729

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	57.3	57.4	57.8	57.9	57.9	57.9	57.9	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	
GE 2000	62.5	68.8	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	
GE 1800	69.1	69.5	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	
GE 1600	69.6	69.9	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	
GE 1400	71.7	72.0	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	
GE 1200	74.6	75.1	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	
GE 1000	78.3	79.2	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	
GE 900	78.6	79.6	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	
GE 800	79.8	80.9	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
GE 700	80.2	81.3	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	
GE 600	81.8	82.8	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	
GE 500	82.8	84.0	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	
GE 450	82.8	84.0	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	
GE 400	83.7	85.1	85.7	86.3	86.6	86.6	86.6	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	
GE 350	84.7	86.0	86.6	87.4	87.7	87.7	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	
GE 300	85.6	87.1	87.8	88.8	89.1	89.1	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	
GE 250	86.0	87.7	88.6	89.7	90.0	90.0	90.4	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	
GE 200	87.2	89.5	90.6	91.6	91.9	91.9	92.6	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	
GE 180	87.2	89.5	90.6	91.6	91.9	91.9	92.6	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	
GE 150	87.7	90.0	91.0	92.4	92.7	92.7	93.3	93.3	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	
GE 120	87.8	90.3	91.3	92.7	93.0	93.0	93.9	93.9	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	
GE 100	88.3	90.9	92.1	93.8	94.1	94.1	95.1	95.1	95.1	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
GE 90	88.4	91.0	92.4	94.2	94.7	94.8	95.9	95.9	95.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8	
GE 80	88.6	91.2	92.6	94.4	94.8	95.0	96.2	96.2	96.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	
GE 70	88.6	91.2	92.6	94.4	94.8	95.0	96.2	96.2	96.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	
GE 60	88.6	91.2	92.6	94.6	95.3	95.4	96.7	97.0	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	
GE 50	88.6	91.3	92.7	95.3	95.7	95.9	97.1	97.4	97.4	98.6	98.6	98.6	98.9	99.1	99.1	99.1	
GE 40	88.6	91.3	92.9	95.4	95.9	96.0	97.4	98.0	98.0	99.2	99.2	99.2	99.5	99.7	99.7	99.7	
GE 30	88.6	91.3	92.9	95.4	95.9	96.0	97.4	98.0	98.0	99.2	99.2	99.2	99.5	99.7	99.7	99.7	
GE 20	88.6	91.3	92.9	95.4	95.9	96.0	97.4	98.0	98.0	99.2	99.2	99.2	99.5	99.7	99.7	99.7	
GE 10	88.6	91.3	92.9	95.4	95.9	96.0	97.4	98.0	98.0	99.2	99.2	99.2	99.5	99.7	99.7	99.8	
GE 0	88.6	91.3	92.9	95.4	95.9	96.0	97.4	98.0	98.0	99.2	99.2	99.2	99.5	99.7	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 658

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72466C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	65.8	67.1	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 20000	70.8	72.1	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 18000	71.3	72.6	72.9	72.9	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 16000	71.3	72.6	72.9	72.9	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 14000	72.4	74.2	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 12000	73.9	76.1	76.3	76.3	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	76.6	79.5	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 9000	76.8	79.7	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 8000	78.7	81.8	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 7000	78.7	82.1	82.4	82.4	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 6000	79.7	83.2	83.7	83.7	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 5000	80.5	83.9	84.5	84.5	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 4500	81.3	84.7	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 4000	81.3	84.7	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 3500	82.4	85.8	86.3	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 3000	82.9	86.3	87.1	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2500	83.9	87.6	88.4	88.7	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	84.7	90.3	91.3	91.6	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6
GE 1800	84.7	90.3	91.3	91.6	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6
GE 1500	85.0	90.8	92.6	92.9	93.9	93.9	93.9	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1200	85.0	90.8	92.6	92.9	93.9	93.9	93.9	94.2	94.2	94.5	94.5	94.5	94.7	94.7	94.7	94.7
GE 1000	85.5	91.8	93.7	93.9	95.0	95.0	95.0	95.3	95.3	95.8	95.8	95.8	96.3	96.3	96.3	96.3
GE 900	85.5	91.8	93.7	93.9	95.0	95.0	95.0	95.3	95.3	95.8	95.8	95.8	96.3	96.3	96.3	96.3
GE 800	85.5	92.1	93.9	94.7	95.8	95.8	95.8	96.1	96.1	96.6	96.6	96.6	97.1	97.1	97.1	97.1
GE 700	85.5	92.1	93.9	94.7	95.8	95.8	95.8	96.1	96.1	96.6	96.6	96.6	97.1	97.1	97.1	97.1
GE 600	85.5	92.1	93.9	94.7	95.8	95.8	95.8	96.3	96.3	96.8	96.8	96.8	97.4	97.4	97.4	97.4
GE 500	85.5	92.1	93.9	94.7	95.8	95.8	96.1	96.6	96.6	97.6	97.6	97.6	98.2	98.2	98.2	98.2
GE 400	85.5	92.1	93.9	95.3	96.3	96.3	96.6	97.1	97.1	98.2	98.2	98.2	98.7	98.7	98.7	98.7
GE 300	85.5	92.1	93.9	95.3	96.3	96.3	96.6	97.1	97.1	98.2	98.2	98.2	98.7	98.7	98.7	98.7
GE 200	85.5	92.1	93.9	95.3	96.3	96.3	96.6	97.1	97.1	98.2	98.2	98.2	99.2	99.2	99.2	99.2
GE 100	85.5	92.1	93.9	95.3	96.3	96.3	96.6	97.1	97.1	98.2	98.2	98.2	99.2	99.2	99.2	99.5
GE 0	85.5	92.1	93.9	95.3	96.3	96.3	96.6	97.1	97.1	98.2	98.2	98.2	99.2	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 380

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		67.8	68.7	69.0	69.0	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 20000		75.2	76.4	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 18000		75.5	76.7	77.0	77.0	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 16000		75.5	76.7	77.0	77.0	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 14000		75.8	77.0	77.3	77.3	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 12000		76.7	77.9	78.2	78.2	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 10000		78.2	80.1	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 9000		78.5	80.4	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 8000		81.3	83.1	83.4	83.4	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 7000		81.3	83.4	83.7	83.7	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 6000		81.6	83.7	84.4	84.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 5000		82.5	84.7	85.3	85.3	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 4500		83.4	85.6	86.2	86.2	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 4000		84.0	86.2	86.8	86.8	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 3500		84.7	87.1	87.7	87.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 3000		85.6	88.3	89.0	89.0	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 2500		85.9	89.3	89.9	89.9	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 2000		86.2	90.2	91.1	91.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1800		86.2	90.2	91.1	91.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1500		86.2	91.4	92.3	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1200		86.5	92.6	93.6	94.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1000		86.5	92.6	93.9	94.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 900		86.5	92.6	93.9	94.8	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 800		86.8	92.9	94.2	95.1	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 700		86.8	92.9	94.2	95.4	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 600		87.1	93.9	95.1	96.3	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500		87.1	93.9	95.1	96.3	98.5	98.5	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400		87.1	93.9	95.1	96.3	98.5	98.5	98.8	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 300		87.1	93.9	95.1	96.3	98.5	98.5	98.8	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 200		87.1	93.9	95.1	96.3	98.5	98.5	98.8	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 100		87.1	93.9	95.1	96.3	98.5	98.5	98.8	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 0		87.1	93.9	95.1	96.3	98.5	98.5	98.8	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 326

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 724660 STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL	61.4	62.2	62.4	62.4	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8
GE 20000	69.8	70.6	70.8	70.9	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3
GE 18000	70.2	71.1	71.3	71.4	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8
GE 16000	70.4	71.2	71.4	71.6	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	72.0
GE 14000	71.7	72.7	72.9	73.0	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4
GE 12000	74.6	75.7	75.9	76.0	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4
GE 10000	78.2	79.6	79.8	80.0	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4
GE 9000	78.6	80.1	80.3	80.4	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.9
GE 8000	79.9	81.4	81.7	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.3
GE 7000	80.2	81.9	82.1	82.2	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.7
GE 6000	80.9	82.5	82.8	82.9	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4
GE 5000	81.7	83.4	83.7	83.8	84.0	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3
GE 4500	82.0	83.6	83.9	84.0	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.6
GE 4000	82.9	84.7	85.0	85.1	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.8
GE 3500	83.4	85.3	85.6	85.9	86.2	86.2	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6
GE 3000	84.1	86.0	86.5	86.8	87.2	87.2	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6
GE 2500	84.5	86.7	87.3	87.6	88.1	88.1	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.7
GE 2000	85.2	87.9	88.6	89.0	89.7	89.7	90.0	90.2	90.2	90.4	90.4	90.4	90.5	90.5	90.5	90.6
GE 1800	85.3	88.0	88.7	89.1	89.8	89.8	90.1	90.3	90.3	90.5	90.5	90.5	90.5	90.6	90.6	90.7
GE 1500	85.7	88.6	89.5	90.0	90.9	90.9	91.2	91.5	91.5	91.7	91.7	91.7	91.7	91.8	91.8	91.9
GE 1200	85.9	89.1	90.0	90.6	91.6	91.7	92.2	92.6	92.6	92.9	92.9	92.9	93.0	93.1	93.1	93.2
GE 1000	86.1	89.5	90.5	91.3	92.4	92.4	93.1	93.6	93.6	94.1	94.1	94.1	94.3	94.3	94.4	94.5
GE 900	86.2	89.6	90.7	91.5	92.7	92.8	93.5	94.0	94.0	94.5	94.5	94.5	94.7	94.7	94.8	94.9
GE 800	86.3	89.8	90.8	91.8	93.0	93.1	93.9	94.4	94.5	95.0	95.1	95.1	95.3	95.4	95.4	95.5
GE 700	86.4	89.9	91.0	92.0	93.2	93.3	94.1	94.6	94.8	95.4	95.6	95.6	95.8	95.8	95.9	96.0
GE 600	86.5	90.1	91.1	92.2	93.6	93.7	94.6	95.4	95.4	96.1	96.3	96.3	96.5	96.6	96.7	96.7
GE 500	86.5	90.2	91.3	92.5	93.9	94.1	95.1	96.0	96.1	97.0	97.2	97.2	97.5	97.5	97.7	97.7
GE 400	86.5	90.3	91.4	92.7	94.2	94.4	95.5	96.5	96.5	97.5	97.7	97.7	98.1	98.2	98.3	98.4
GE 300	86.6	90.3	91.5	92.7	94.2	94.5	95.6	96.7	96.7	97.7	98.0	98.0	98.4	98.5	98.6	98.8
GE 200	86.6	90.3	91.5	92.7	94.2	94.5	95.7	96.7	96.8	97.7	98.2	98.2	98.9	99.0	99.1	99.2
GE 100	86.6	90.3	91.5	92.7	94.2	94.5	95.7	96.7	96.8	97.8	98.3	98.4	99.1	99.2	99.4	99.6
GE 0	86.6	90.3	91.5	92.7	94.2	94.5	95.7	96.7	96.8	97.8	98.3	98.4	99.1	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 3533

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 80-81,86
MONTH: FEB HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	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	60.0
GE 20000	80.0	80.0	80.0	80.0	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 18000	80.0	80.0	80.0	80.0	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 16000	80.0	80.0	80.0	80.0	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 14000	80.0	80.0	80.0	80.0	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 12000	80.0	80.0	80.0	80.0	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 10000	80.0	80.0	80.0	80.0	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 9000	80.0	80.0	80.0	80.0	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 8000	80.0	80.0	80.0	80.0	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 7000	80.0	80.0	80.0	80.0	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 6000	80.0	80.0	80.0	80.0	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 5000	80.0	80.0	80.0	80.0	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 4500	80.0	80.0	80.0	80.0	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 4000	80.0	80.0	80.0	80.0	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	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 3000	80.0	80.0	80.0	80.0	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 2500	80.0	80.0	80.0	80.0	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 2000	80.0	80.0	80.0	80.0	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 1800	80.0	80.0	80.0	80.0	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 1600	80.0	80.0	80.0	80.0	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 1500	80.0	80.0	80.0	80.0	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 1200	80.0	80.0	80.0	80.0	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 1000	80.0	80.0	80.0	80.0	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 900	80.0	80.0	80.0	80.0	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 800	80.0	80.0	80.0	80.0	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 700	80.0	80.0	80.0	80.0	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 600	80.0	80.0	80.0	80.0	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 500	80.0	80.0	80.0	80.0	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 400	80.0	80.0	80.0	80.0	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 300	80.0	80.0	80.0	80.0	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 200	80.0	80.0	80.0	80.0	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 100	80.0	80.0	80.0	80.0	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 0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0

TOTAL NUMBER OF OBSERVATIONS: 5

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	62.1	62.8	63.0	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.6
GE 20000	67.3	68.1	68.3	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.9	68.9	68.9	69.1	69.1	69.2
GE 18000	67.5	68.3	68.4	68.7	68.9	68.9	68.9	68.9	68.9	69.1	69.1	69.1	69.2	69.2	69.2	69.4
GE 16000	67.7	68.4	68.6	68.9	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.4	69.4	69.5
GE 14000	68.6	69.4	69.5	69.8	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.3	70.3	70.3	70.5
GE 12000	70.9	71.7	71.9	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.5	72.5	72.5	72.6	72.6	72.8
GE 10000	73.6	74.3	74.5	75.0	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.4	75.4	75.4	75.6
GE 9000	73.9	74.7	74.8	75.3	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.6	75.7	75.7	75.7	75.9
GE 8000	74.5	75.4	75.6	76.0	76.2	76.2	76.2	76.2	76.2	76.4	76.4	76.4	76.5	76.5	76.5	76.7
GE 7000	74.5	75.4	75.6	76.0	76.2	76.2	76.2	76.2	76.2	76.4	76.4	76.4	76.5	76.5	76.5	76.7
GE 6000	75.1	76.0	76.2	76.7	76.8	76.8	76.8	76.8	76.8	77.0	77.0	77.0	77.1	77.1	77.1	77.3
GE 5000	75.9	77.0	77.1	77.6	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	78.1	78.1	78.1	78.2
GE 4500	75.9	77.0	77.1	77.6	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	78.1	78.1	78.1	78.2
GE 4000	77.1	78.4	78.5	79.0	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.8	79.8	79.8	79.9
GE 3500	77.4	78.6	79.0	79.5	79.9	79.9	79.9	79.9	79.9	80.1	80.1	80.1	80.2	80.2	80.2	80.4
GE 3000	78.5	80.1	80.2	80.7	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.5	81.5	81.5	81.6
GE 2500	78.7	80.4	80.6	81.0	81.6	81.6	81.6	81.6	81.6	81.8	81.8	81.8	82.0	82.0	82.0	82.1
GE 2000	79.2	81.8	82.0	82.6	83.2	83.2	83.4	83.4	83.4	83.5	83.5	83.5	83.7	83.7	83.7	83.8
GE 1800	79.2	81.8	82.0	82.6	83.2	83.2	83.4	83.4	83.4	83.5	83.5	83.5	83.7	83.7	83.7	83.8
GE 1600	79.6	82.4	82.6	83.4	84.0	84.1	84.3	84.3	84.3	84.4	84.4	84.4	84.6	84.6	84.6	84.8
GE 1400	79.6	82.4	82.6	83.4	84.0	84.1	84.3	84.6	84.6	84.8	84.8	84.8	84.9	84.9	84.9	85.1
GE 1000	80.1	83.2	83.7	84.4	85.5	86.0	86.3	86.6	86.6	86.8	86.8	86.8	86.9	87.1	87.1	87.2
GE 900	80.2	83.5	84.0	84.6	86.0	86.5	86.8	87.1	87.1	87.2	87.2	87.2	87.4	87.6	87.6	87.7
GE 800	80.7	84.4	84.9	85.7	86.9	87.4	87.9	88.2	88.2	88.3	88.3	88.3	89.0	89.1	89.1	89.3
GE 700	80.9	84.8	85.2	86.0	87.2	87.7	88.2	88.5	88.5	88.6	88.6	88.6	89.3	89.4	89.4	89.6
GE 600	80.9	84.6	85.2	86.0	87.2	87.7	88.2	89.0	89.1	89.3	89.3	89.3	90.0	90.2	90.4	90.5
GE 500	80.9	84.9	85.4	86.2	87.4	87.9	88.6	89.4	89.6	89.9	89.9	89.9	90.8	91.0	91.1	91.4
GE 400	80.9	85.1	85.5	86.3	87.7	88.2	89.0	89.7	89.9	90.4	90.7	90.7	91.6	91.8	91.9	92.2
GE 300	80.9	85.1	85.5	86.5	87.9	88.3	89.1	89.9	90.0	90.7	91.0	91.0	92.7	93.0	93.3	93.8
GE 200	80.9	85.1	85.5	86.5	87.9	88.3	89.1	89.9	90.2	90.8	91.1	91.3	93.2	93.5	94.4	95.0
GE 100	80.9	85.1	85.5	86.5	88.2	88.6	89.4	90.2	90.5	91.4	91.8	91.9	94.7	95.0	96.3	99.4
GE 0	80.9	85.1	85.5	86.5	88.2	88.6	89.4	90.2	90.5	91.4	91.8	91.9	94.7	95.0	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 643

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	61.1	61.4	62.1	62.2	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	
GE 20000	69.0	69.6	70.4	70.6	71.2	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 18000	69.5	70.1	70.8	71.1	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	
GE 16000	69.5	70.1	70.8	71.1	71.7	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	
GE 14000	71.4	72.0	72.7	73.0	73.9	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	
GE 12000	72.6	73.2	73.9	74.2	75.1	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	
GE 10000	74.5	75.1	75.8	76.1	77.1	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	
GE 9000	74.9	75.5	76.3	76.5	77.6	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.2	78.2	
GE 8000	75.7	76.3	77.0	77.3	78.5	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.1	79.1	
GE 7000	76.0	76.5	77.3	77.6	78.8	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.4	79.4	
GE 6000	76.0	76.5	77.3	77.6	78.8	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.4	79.4	
GE 5000	76.7	77.3	78.0	78.3	79.8	79.9	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.7	80.7	
GE 4500	76.7	77.3	78.0	78.3	79.8	79.9	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.7	80.7	
GE 4000	78.2	78.8	79.6	79.9	81.7	81.9	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.6	82.6	
GE 3500	78.5	79.2	80.1	80.4	82.2	82.3	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	
GE 3000	79.4	80.4	81.6	82.0	83.8	84.4	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	
GE 2500	79.5	81.3	82.4	83.0	85.1	85.7	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	
GE 2000	79.6	81.7	83.3	83.9	86.0	86.6	87.3	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	
GE 1800	79.6	81.7	83.3	83.9	86.0	86.6	87.3	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	
GE 1600	79.6	81.9	83.5	84.1	86.3	86.9	87.6	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	
GE 1400	79.8	82.2	83.9	84.4	86.7	87.3	88.1	88.9	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.2	89.2	
GE 1200	79.8	82.4	84.2	85.1	88.1	88.6	89.5	90.4	90.4	90.4	90.4	90.4	90.4	90.6	90.6	90.9	90.9	
GE 1000	79.8	82.4	84.2	85.1	88.1	88.6	89.5	90.6	90.6	90.6	90.6	90.7	90.7	90.9	90.9	91.2	91.3	
GE 900	79.8	82.4	84.2	85.1	88.3	88.9	89.8	90.9	90.9	90.9	90.9	91.0	91.0	91.3	91.3	91.6	91.9	
GE 800	79.8	82.4	84.2	85.1	88.5	89.1	90.1	91.2	91.2	91.2	91.3	91.6	91.6	92.0	92.0	92.3	92.6	
GE 700	79.8	82.4	84.2	85.1	88.8	89.5	90.6	91.6	91.6	91.6	91.7	92.0	92.0	92.8	92.8	93.2	93.5	
GE 600	79.8	82.4	84.4	85.3	89.4	90.1	91.2	92.2	92.2	92.2	92.5	92.8	92.8	93.7	93.7	94.2	94.5	
GE 500	79.8	82.6	84.5	85.4	89.5	90.3	91.7	92.8	92.8	92.8	93.5	94.1	94.1	95.3	95.3	96.0	96.3	
GE 400	79.8	82.6	84.5	85.4	90.0	90.7	92.2	93.2	93.2	94.7	95.3	95.3	95.3	96.9	97.1	97.8	98.2	
GE 300	79.8	82.6	84.5	85.4	90.0	90.7	92.3	93.4	93.4	93.4	95.0	95.6	95.6	97.6	97.9	98.7	99.4	
GE 200	79.8	82.6	84.5	85.4	90.0	90.7	92.3	93.4	93.4	93.4	95.0	95.6	95.6	97.8	98.1	98.8	100.0	
GE 100	79.8	82.6	84.5	85.4	90.0	90.7	92.3	93.4	93.4	93.4	95.0	95.6	95.6	97.8	98.1	98.8	100.0	
GE 0	79.8	82.6	84.5	85.4	90.0	90.7	92.3	93.4	93.4	93.4	95.0	95.6	95.6	97.8	98.1	98.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 678

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	58.4	58.7	59.6	59.6	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 20000	69.1	69.5	70.6	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 18000	69.5	70.0	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	71.4	71.4
GE 16000	70.1	70.6	71.6	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 14000	71.0	71.4	72.5	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 12000	71.6	72.0	73.1	73.1	73.5	73.5	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 10000	76.3	76.8	77.8	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 9000	76.6	77.2	78.3	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	78.8	78.8
GE 8000	76.9	77.7	78.8	79.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 7000	77.1	77.8	79.0	79.1	79.7	79.7	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 6000	77.1	78.0	79.1	79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 5000	78.0	79.3	80.5	80.6	81.4	81.4	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 4500	78.3	79.6	80.8	80.9	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 4000	81.2	82.8	84.2	84.5	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 3500	81.4	83.1	84.5	84.9	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 3000	81.5	83.4	84.9	85.8	86.8	86.8	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 2500	81.8	83.7	85.2	86.1	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2000	82.0	84.3	85.8	86.8	88.0	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1800	82.1	84.6	86.2	87.3	88.5	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1500	82.2	85.1	87.0	88.2	89.6	89.9	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1200	82.2	85.2	87.1	88.3	90.1	90.4	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1000	82.5	86.1	88.2	89.6	91.6	92.0	92.5	92.9	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 900	82.5	86.1	88.6	90.2	92.5	92.9	93.5	93.9	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.8
GE 800	82.5	86.1	88.6	90.4	92.6	93.0	93.6	94.1	94.2	94.5	94.5	94.5	94.5	94.5	94.7	94.7	95.0	
GE 700	82.5	86.2	88.8	90.7	93.0	93.6	94.4	95.1	95.3	95.9	95.9	95.9	95.9	96.0	96.2	96.2	96.4	
GE 600	82.5	86.2	88.8	90.8	93.3	93.9	94.7	95.6	95.7	96.4	96.4	96.4	96.4	96.6	96.7	96.7	97.0	
GE 500	82.5	86.2	89.1	91.1	93.6	94.2	95.0	95.9	96.0	96.7	96.7	96.7	96.7	96.9	97.2	97.2	97.5	
GE 400	82.5	86.4	89.2	91.3	93.9	94.5	95.3	96.3	96.4	97.6	97.6	97.6	97.6	98.1	98.4	98.4	98.7	
GE 300	82.5	86.4	89.2	91.3	94.2	94.8	95.6	96.6	96.7	98.1	98.1	98.1	98.1	98.7	99.0	99.0	99.3	
GE 200	82.5	86.4	89.2	91.3	94.2	94.8	95.6	96.6	96.7	98.4	98.4	98.4	98.4	99.0	99.3	99.3	99.6	
GE 100	82.5	86.4	89.2	91.3	94.2	94.8	95.6	96.6	96.7	98.4	98.4	98.4	98.4	99.0	99.3	99.3	100.0	
GE 0	82.5	86.4	89.2	91.3	94.2	94.8	95.6	96.6	96.7	98.4	98.4	98.4	98.4	99.0	99.3	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 676

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	56.8	58.4	58.4	58.6	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 20000	68.3	70.0	70.0	70.1	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 18000	68.8	70.5	70.5	70.6	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 16000	69.1	70.8	70.8	71.0	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 14000	70.5	72.1	72.1	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 12000	72.4	74.1	74.1	74.3	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 10000	75.9	77.9	77.9	78.1	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 9200	76.1	78.1	78.1	78.2	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 8500	76.6	78.7	78.7	78.9	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 7000	76.9	79.0	79.0	79.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 6000	77.4	79.5	79.5	79.7	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 5000	80.0	82.2	82.2	82.3	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 4500	80.4	82.7	82.7	82.8	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 4000	83.2	85.8	86.0	86.3	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 3500	83.8	86.8	87.0	87.3	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3000	84.2	87.5	88.0	88.3	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 2500	84.2	87.6	88.1	88.4	89.3	89.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 2000	85.0	88.4	88.9	89.3	90.6	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1800	85.0	88.4	88.9	89.3	90.6	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1500	85.3	88.9	89.4	90.1	91.4	91.4	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1200	85.5	89.6	90.3	91.1	92.9	93.2	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1000	85.5	90.6	91.3	92.1	94.4	94.7	95.4	95.7	95.7	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 900	85.5	90.9	91.6	92.4	95.3	95.4	96.0	96.4	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 800	85.5	91.1	91.7	92.6	95.2	95.5	96.2	96.5	96.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 700	85.5	91.1	91.7	92.6	95.4	95.7	96.4	96.9	96.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	85.5	91.1	91.7	92.7	96.0	96.4	97.0	97.5	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	85.5	91.1	91.7	92.7	96.2	96.5	97.4	97.9	97.9	99.2	99.2	99.2	99.2	99.5	99.5	99.7
GE 400	85.5	91.1	91.7	92.7	96.2	96.5	97.4	97.9	97.9	99.2	99.2	99.2	99.2	99.5	99.5	99.7
GE 300	85.5	91.1	91.7	92.7	96.2	96.5	97.4	97.9	97.9	99.2	99.2	99.2	99.2	99.5	99.5	99.7
GE 200	85.5	91.1	91.7	92.7	96.2	96.5	97.4	97.9	97.9	99.2	99.2	99.2	99.2	99.5	99.5	99.7
GE 100	85.5	91.1	91.7	92.7	96.2	96.5	97.4	97.9	97.9	99.2	99.2	99.2	99.2	99.5	99.5	100.0
GE 0	85.5	91.1	91.7	92.7	96.2	96.5	97.4	97.9	97.9	99.2	99.2	99.2	99.2	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 656

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 72466C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	69.3	69.1	69.1	69.1	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 20000	74.3	75.1	75.1	75.1	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 18000	75.1	76.0	76.0	76.0	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 16000	75.4	76.3	76.3	76.3	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 14000	75.7	76.6	76.6	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 12000	76.6	77.7	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 10000	79.7	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 9000	80.6	81.7	81.7	81.7	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 8000	80.6	82.3	82.3	82.3	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 7000	80.9	82.6	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 6000	81.4	83.1	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 5000	83.1	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 4500	83.4	85.1	85.1	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 4000	85.4	87.1	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 3500	85.7	87.7	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3000	86.0	88.3	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2500	86.3	88.6	88.9	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 2000	87.4	90.3	90.6	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1800	87.4	90.3	90.6	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1500	87.4	90.3	90.6	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1200	87.7	90.6	90.9	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1000	88.6	92.0	92.6	92.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 900	88.9	92.3	92.9	92.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 800	88.9	92.6	93.1	93.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 700	89.1	92.9	94.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 600	89.4	93.1	94.3	94.3	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 500	89.4	93.7	94.9	94.9	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.4	97.4	97.7
GE 400	89.7	94.0	95.1	95.1	97.1	97.1	97.4	97.4	97.4	97.7	97.7	97.7	97.7	98.0	98.0	98.3
GE 300	89.7	94.0	95.1	95.1	97.1	97.1	97.4	97.4	97.4	97.7	97.7	97.7	97.7	98.0	98.0	98.3
GE 250	89.7	94.0	95.1	95.1	97.1	97.7	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.9	98.9	99.1
GE 200	89.7	94.0	95.1	95.1	97.1	97.7	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.9	98.9	99.1
GE 0	89.7	94.0	95.1	95.1	97.1	97.7	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 350

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660 STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	69.4	69.4	70.1	70.1	70.1	70.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 20000	75.5	75.8	76.4	76.4	76.4	76.4	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 18000	77.1	77.4	78.0	78.0	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 16000	77.1	77.4	78.0	78.0	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 14000	78.0	78.3	79.0	79.0	79.0	79.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 12000	79.6	79.9	80.6	80.6	80.6	80.6	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 10000	83.1	83.4	84.1	84.1	84.1	84.1	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 9000	83.6	84.1	84.7	84.7	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 8000	84.1	84.7	85.4	85.4	85.4	85.4	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 7000	84.1	84.7	85.4	85.4	85.4	85.4	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 6000	84.1	84.7	85.4	85.4	85.4	85.4	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 5000	86.0	86.6	87.3	87.3	87.3	87.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 4500	86.0	86.9	87.6	87.6	87.6	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 4000	86.6	87.6	88.2	88.2	88.2	88.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 3500	86.6	87.6	88.2	88.2	88.2	88.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 3000	87.3	88.2	88.9	88.9	88.9	88.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2500	87.6	88.5	89.2	89.2	89.2	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2000	87.9	88.9	89.5	89.5	89.5	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1800	88.2	89.2	89.8	89.8	89.8	89.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1500	88.9	90.1	90.8	90.8	90.8	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1200	89.5	90.8	91.4	91.4	91.4	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1000	90.1	91.7	92.4	92.4	93.3	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 900	92.4	92.0	92.7	92.7	93.6	93.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 800	90.8	93.0	93.6	93.6	94.6	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 700	90.8	93.3	93.9	93.9	94.9	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 600	90.8	93.3	93.9	93.9	94.9	94.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 500	90.8	93.6	94.3	94.3	95.2	95.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 400	90.8	93.9	94.6	94.6	95.9	95.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 300	90.8	93.9	94.6	94.6	95.9	95.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 200	90.8	93.9	94.6	94.6	95.9	95.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 100	90.8	93.9	94.6	94.6	95.9	95.9	97.1	97.1	97.1	97.5	97.8	97.8	97.8	97.8	97.8	98.1
GE 0	90.8	93.9	94.6	94.6	95.9	95.9	97.1	97.1	97.1	97.5	97.8	97.8	98.1	98.1	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 314

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS.

STATION NUMBER: 724669 STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 1 1/2	GE 2	GE 2 1/2	GE 3	GE 3 1/2	GE 4	GE 4 1/2	GE 5	GE 5 1/2	GE 6	GE 6 1/2	GE 7	GE 7 1/2	GE 8	GE 8 1/2	GE 9
NO CEIL	61.5	62.2	62.6	62.7	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 2000	69.8	70.6	71.0	71.2	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8
GE 1800	70.3	71.1	71.6	71.7	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3
GE 1600	70.6	71.4	71.8	72.0	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6
GE 1400	71.7	72.5	73.0	73.1	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8
GE 1200	73.1	74.0	74.4	74.6	75.0	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 1000	76.3	77.2	77.7	77.9	78.4	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7
GE 900	76.7	77.7	78.1	78.3	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1
GE 800	77.2	78.3	78.8	79.0	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8
GE 700	77.4	78.5	79.0	79.2	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0
GE 600	77.7	78.8	79.3	79.5	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3
GE 500	79.0	80.3	80.7	81.0	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9
GE 400	79.2	80.5	81.0	81.2	81.8	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2
GE 300	81.1	82.6	83.2	83.5	84.3	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7
GE 200	81.4	83.1	83.7	84.0	84.8	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3
GE 100	82.0	83.9	84.6	85.1	85.9	86.0	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5
GE 2500	82.2	84.3	85.0	85.5	86.4	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0
GE 2000	82.6	85.1	86.0	86.5	87.6	87.7	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4
GE 1800	82.7	85.2	86.1	86.6	87.7	87.9	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5
GE 1600	82.9	85.6	86.6	87.2	88.4	88.6	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4
GE 1400	83.1	85.9	86.9	87.6	89.0	89.2	89.6	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2
GE 1200	83.4	86.8	87.9	88.7	90.6	91.0	91.5	91.9	91.9	92.1	92.1	92.1	92.1	92.2	92.2	92.3	92.3
GE 1000	83.5	86.9	88.2	89.0	91.1	91.5	92.0	92.5	92.5	92.7	92.8	92.8	92.8	92.8	92.9	92.9	93.1
GE 900	83.6	87.3	88.5	89.4	91.5	91.9	92.5	92.9	93.0	93.2	93.2	93.2	93.2	93.4	93.5	93.6	93.7
GE 800	83.7	87.4	88.7	89.6	91.9	92.3	92.9	93.5	93.5	93.8	93.9	93.9	93.9	94.1	94.2	94.3	94.4
GE 700	83.7	87.5	88.8	89.7	92.1	92.6	93.3	93.9	94.0	94.4	94.4	94.4	94.4	94.8	94.8	95.0	95.1
GE 600	83.7	87.6	89.0	89.9	92.5	92.9	93.7	94.4	94.4	95.0	95.0	95.0	95.0	95.5	95.6	95.8	96.0
GE 500	83.7	87.7	89.1	90.1	92.7	93.2	94.1	94.8	94.8	95.6	95.8	95.8	95.8	96.4	96.5	96.7	96.9
GE 400	83.7	87.7	89.1	90.1	92.9	93.3	94.3	95.0	95.0	96.0	96.2	96.2	96.2	97.1	97.2	97.5	97.7
GE 300	83.7	87.7	89.1	90.1	92.9	93.4	94.4	95.1	95.2	96.2	96.4	96.5	96.5	97.5	97.6	98.0	98.4
GE 200	83.7	87.7	89.1	90.1	93.0	93.5	94.4	95.1	95.2	96.4	96.6	96.6	96.6	97.9	98.0	98.5	99.7
GE 100	83.7	87.7	89.1	90.1	93.0	93.5	94.4	95.1	95.2	96.4	96.6	96.6	96.6	97.9	98.0	98.5	99.7
GE 0	83.7	87.7	89.1	90.1	93.0	93.5	94.4	95.1	95.2	96.4	96.6	96.6	96.6	97.9	98.1	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 3272

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660 STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16
NO CEIL	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	55.3	55.3	55.3
GE 20000	60.3	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	60.7
GE 18000	61.4	61.9	61.9	61.9	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 16000	61.7	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	62.2
GE 14000	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	65.0
GE 12000	69.0	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	69.5	69.5
GE 10000	73.4	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 9000	74.6	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 8000	75.2	76.1	76.1	76.1	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	76.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 6000	77.2	78.5	78.5	78.5	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 5000	78.6	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 4500	78.1	79.6	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4000	78.5	80.2	80.3	80.3	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3500	79.4	81.0	81.1	81.1	81.2	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3000	79.6	81.2	81.6	81.6	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 2500	80.0	82.1	82.5	82.5	82.7	82.7	82.7	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1
GE 2000	80.7	82.7	83.1	83.1	83.5	83.5	83.7	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1
GE 1800	80.7	82.7	83.1	83.3	83.7	83.7	83.8	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2
GE 1500	81.4	83.4	83.8	84.1	84.6	84.6	84.8	85.0	85.0	85.0	85.3	85.3	85.3	85.3	85.3	85.3
GE 1200	81.6	83.9	84.3	84.6	85.2	85.2	85.3	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8
GE 1000	82.6	85.0	85.6	86.0	86.5	86.5	86.6	86.9	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2
GE 900	82.7	85.3	85.8	86.2	86.8	86.8	86.9	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4
GE 800	83.0	85.6	86.1	86.5	87.0	87.0	87.2	87.4	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7
GE 700	83.0	85.7	86.2	86.6	87.4	87.4	87.6	87.9	87.9	87.9	88.3	88.3	88.3	88.3	88.3	88.3
GE 600	83.0	85.7	86.2	86.6	87.4	87.4	87.6	87.9	87.9	87.9	88.3	88.3	88.3	88.3	88.3	88.3
GE 500	83.0	86.0	86.5	87.0	87.4	87.4	87.6	87.9	87.9	87.9	88.3	88.3	88.3	88.3	88.3	88.3
GE 400	83.0	86.0	86.5	87.0	87.4	87.4	87.6	87.9	87.9	87.9	88.3	88.3	88.3	88.3	88.3	88.3
GE 300	83.0	86.1	86.8	87.4	88.5	88.5	88.8	89.3	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6
GE 200	83.0	86.1	86.8	87.4	88.5	88.5	88.8	89.3	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6
GE 100	83.0	86.1	86.8	87.4	88.5	88.5	88.8	89.3	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6
GE 0	83.0	86.1	86.8	87.4	88.5	88.5	88.8	89.3	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6

TOTAL NUMBER OF OBSERVATIONS: 741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72466C STATION NAME: FT CARSON/BUTTS AAF CO

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	55.2	55.3	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 20000	63.7	64.1	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 18000	64.5	64.8	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 16000	64.7	65.1	65.2	65.2	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 14000	66.6	67.0	67.1	67.1	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 12000	69.8	70.3	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 10000	73.9	75.2	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 9000	74.5	75.8	75.9	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 8000	75.9	77.2	77.3	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 7000	76.9	78.2	78.3	78.3	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 6000	77.5	78.7	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 5000	78.7	80.1	80.4	80.6	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 4500	77.2	80.6	80.9	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 4000	80.1	82.0	82.3	82.7	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2
GE 3500	80.6	82.9	83.2	83.6	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	84.1	84.1	84.1	84.1
GE 3000	81.0	83.4	83.8	84.2	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.4	85.4	85.4	85.4
GE 2500	81.9	84.6	85.0	85.4	86.1	86.1	87.0	87.0	87.0	87.0	87.1	87.1	87.3	87.3	87.3	87.3
GE 2000	82.0	84.7	85.1	85.5	86.2	86.2	87.1	87.1	87.1	87.1	87.3	87.3	87.4	87.4	87.4	87.4
GE 1800	82.0	84.7	85.1	85.5	86.2	86.2	87.1	87.1	87.1	87.1	87.3	87.3	87.4	87.4	87.4	87.4
GE 1500	82.2	85.0	85.5	85.9	86.9	86.9	87.8	87.8	87.9	87.9	88.0	88.0	88.2	88.2	88.2	88.2
GE 1200	82.7	85.5	86.0	86.5	87.5	87.5	88.5	88.5	88.7	88.7	88.8	88.8	88.9	88.9	88.9	88.9
GE 1000	82.8	85.7	86.4	86.9	87.9	88.0	89.0	89.0	89.2	89.4	89.6	89.6	89.7	89.7	89.7	89.7
GE 900	83.1	86.0	86.8	87.5	88.5	88.7	89.7	89.7	89.8	90.3	90.4	90.4	90.6	90.6	90.6	90.6
GE 800	83.1	86.0	86.8	87.5	88.7	88.9	89.9	89.9	90.1	90.6	90.7	90.8	91.0	91.0	91.0	91.0
GE 700	83.1	86.0	86.8	87.9	89.2	89.4	90.6	90.6	90.7	91.2	91.3	91.5	91.7	91.8	91.8	91.8
GE 600	83.2	86.1	86.9	88.0	89.7	89.9	91.2	91.5	91.6	92.5	92.9	93.1	93.4	93.5	93.5	93.5
GE 500	83.2	86.1	87.0	88.2	90.2	90.4	91.7	92.0	92.2	93.4	94.1	94.5	95.0	95.2	95.2	95.2
GE 400	83.2	86.1	87.1	88.3	90.3	90.7	92.4	92.7	93.0	94.5	95.4	95.8	96.4	96.6	96.6	96.6
GE 300	83.2	86.1	87.3	88.4	90.4	90.8	92.7	93.1	93.4	94.9	96.1	96.4	97.1	97.3	97.3	97.3
GE 200	83.2	86.1	87.3	88.4	90.4	90.8	92.9	93.2	93.5	95.0	96.6	96.9	98.2	98.5	98.5	98.5
GE 100	83.2	86.1	87.3	88.4	90.4	90.8	92.9	93.2	93.5	95.0	96.6	96.9	98.2	98.5	98.5	98.5
GE 0	83.2	86.1	87.3	88.4	90.4	90.8	92.9	93.2	93.5	95.0	96.6	96.9	98.2	98.5	98.5	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: 72468C STATION NAME: FT CARSON/BUTIS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	50.8	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2
GE 2000	59.3	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8
GE 1800	60.3	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8
GE 1600	60.7	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2
GE 1400	62.5	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0
GE 1200	65.0	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5
GE 1000	67.7	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5
GE 900	68.5	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.3	69.3	69.3	69.3
GE 800	71.2	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0
GE 700	72.2	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0
GE 600	73.5	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3
GE 500	78.3	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2
GE 450	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8
GE 400	82.4	83.5	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0
GE 350	83.9	85.2	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.9	86.0	86.0	86.0	86.0
GE 300	85.6	87.4	88.1	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	89.0	89.0	89.0	89.0
GE 250	86.4	88.6	89.2	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.3	90.4	90.4	90.4	90.4
GE 200	86.4	88.7	89.4	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.7	90.7	90.7	90.7
GE 150	86.5	88.8	89.5	90.0	90.5	90.5	90.7	90.7	90.7	90.7	90.8	90.8	90.9	90.9	90.9	90.9
GE 120	86.8	89.2	90.1	90.8	91.4	91.4	91.6	91.6	91.6	91.7	91.8	91.8	92.0	92.0	92.0	92.0
GE 100	86.9	89.8	90.9	91.8	92.6	92.7	93.1	93.1	93.1	93.4	93.5	93.5	93.8	93.8	93.8	93.8
GE 90	86.9	90.0	91.2	92.3	93.3	93.4	93.8	93.8	93.8	94.0	94.2	94.2	94.4	94.4	94.4	94.4
GE 80	86.9	90.0	91.2	92.3	93.3	93.4	94.0	94.3	94.3	94.7	94.8	94.8	95.1	95.3	95.3	95.3
GE 70	86.9	90.3	91.4	92.6	93.5	93.6	94.3	94.6	94.6	95.1	95.2	95.2	95.7	96.0	96.0	96.0
GE 60	86.9	90.3	91.4	92.6	93.6	93.9	94.8	95.2	95.2	95.8	96.0	96.0	96.5	96.8	96.8	96.8
GE 50	86.9	90.3	91.4	92.7	93.8	94.0	95.1	95.5	95.5	96.1	96.2	96.2	96.9	97.1	97.1	97.3
GE 40	86.9	90.3	91.4	92.7	93.8	94.0	95.2	95.6	95.6	96.2	96.5	96.5	97.1	97.4	97.5	97.7
GE 30	86.9	90.3	91.4	92.7	94.0	94.4	95.7	96.1	96.1	96.9	97.1	97.1	98.1	98.3	98.4	98.6
GE 20	86.9	90.3	91.4	92.7	94.0	94.4	95.7	96.1	96.1	97.0	97.4	97.4	98.8	99.1	99.2	99.5
GE 10	86.9	90.3	91.4	92.7	94.0	94.4	95.7	96.1	96.1	97.0	97.4	97.4	98.8	99.1	99.2	100.0
GE 7	86.9	90.3	91.4	92.7	94.0	94.4	95.7	96.1	96.1	97.0	97.4	97.4	98.8	99.1	99.2	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: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.0	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 20000	55.1	55.6	55.6	55.7	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 18000	55.7	56.1	56.1	56.3	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 16000	56.0	56.4	56.4	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 14000	59.2	59.7	59.7	59.9	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 12000	63.6	64.2	64.2	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 10000	67.1	67.7	67.7	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 9000	67.8	68.4	68.4	68.5	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 8000	69.6	70.4	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 7000	70.6	71.4	71.4	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 6000	72.4	73.3	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 5000	77.5	78.4	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 4500	78.1	78.9	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 4000	82.1	83.8	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 3500	85.3	87.2	87.3	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 3000	87.2	89.8	90.3	90.6	90.9	90.9	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2500	87.4	90.2	90.8	91.1	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2000	87.4	90.8	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1800	87.4	90.8	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1500	87.6	91.3	92.2	92.6	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1200	88.0	92.2	93.1	93.5	93.8	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1000	88.2	92.9	93.8	94.4	94.7	94.8	94.8	94.9	94.9	95.2	95.4	95.5	95.7	95.7	95.7	95.7
GE 900	88.3	93.1	93.9	94.8	95.1	95.2	95.5	95.7	95.7	96.0	96.1	96.2	96.4	96.4	96.4	96.4
GE 800	88.3	93.1	93.9	94.9	95.2	95.4	95.7	95.8	95.8	96.1	96.2	96.4	96.7	96.7	96.7	96.7
GE 700	88.3	93.1	93.9	94.9	95.2	95.4	95.8	96.0	96.0	96.2	96.4	96.5	96.8	96.8	96.8	96.8
GE 600	88.3	93.1	93.9	94.9	95.2	95.4	96.0	96.4	96.4	97.1	97.3	97.4	97.7	97.7	97.7	97.7
GE 500	88.3	93.1	93.9	95.4	95.7	95.8	96.5	97.0	97.0	97.7	97.8	98.0	98.3	98.3	98.3	98.3
GE 400	88.3	93.1	93.9	95.4	95.8	96.0	96.7	97.1	97.1	98.0	98.4	98.6	98.8	98.8	98.8	99.0
GE 300	88.3	93.1	94.1	95.5	96.0	96.1	97.0	97.4	97.4	98.6	99.0	99.1	99.4	99.4	99.4	99.6
GE 200	88.3	93.1	94.1	95.5	96.0	96.1	97.0	97.4	97.4	98.6	99.0	99.1	99.4	99.4	99.4	99.6
GE 100	88.2	93.1	94.1	95.5	96.0	96.1	97.0	97.4	97.4	98.6	99.0	99.1	99.4	99.4	99.6	100.0
GE 0	88.3	93.1	94.1	95.5	96.0	96.1	97.0	97.4	97.4	98.6	99.0	99.1	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 693

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724600 STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	51.6	52.1	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	52.4	52.4
GE 2000	57.6	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 1800	58.3	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 1600	59.3	59.8	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 1400	61.3	61.8	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	62.0
GE 1200	64.8	65.3	65.5	65.5	65.5	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 1000	67.5	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 900	68.0	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 800	71.0	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 700	72.2	73.0	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	73.2
GE 600	73.9	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	74.9	74.9	74.9
GE 500	78.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 450	79.2	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 400	82.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 350	85.1	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 300	86.8	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 250	87.6	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 200	89.1	91.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 180	88.3	91.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 150	88.6	91.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 120	88.6	92.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 100	88.6	93.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 90	88.6	93.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 80	88.6	93.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 70	88.6	93.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 60	88.6	93.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 500	88.6	93.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 400	88.6	93.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 300	88.6	93.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 200	88.6	93.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 100	88.6	93.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 0	88.6	93.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5

TOTAL NUMBER OF OBSERVATIONS: 403

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/2	GE 2	GE 2 1/2	GE 3	GE 3 1/2	GE 4	GE 4 1/2	GE 5	GE 5 1/2	GE 6	GE 6 1/2	GE 7	GE 7 1/2	GE 8	GE 8 1/2
NO CEIL	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	61.6
GE 2000	66.9	67.8	67.8	67.8	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 1800	66.9	67.8	67.8	67.8	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 1600	67.2	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	68.1
GE 1400	68.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 1200	71.2	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 1000	73.7	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 900	74.3	75.1	75.1	75.1	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 800	76.0	76.8	76.8	76.8	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 700	76.0	76.8	76.8	76.8	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 600	76.6	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	77.4
GE 500	78.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 450	79.7	81.4	81.4	81.4	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 400	81.6	83.9	83.9	83.9	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 350	83.1	85.3	85.3	85.3	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 300	84.7	87.9	87.9	87.9	88.1	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 250	85.6	88.7	88.7	88.7	89.0	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 200	87.3	90.4	90.7	90.7	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 180	87.3	90.4	90.7	90.7	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 160	87.9	91.0	91.2	91.2	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 140	87.9	91.0	91.2	91.2	91.8	91.8	92.1	92.1	92.1	92.4	92.7	92.7	92.7	92.7	92.7	92.7
GE 120	89.0	92.1	92.4	92.7	93.2	93.2	93.5	93.5	93.5	94.1	94.4	94.4	94.4	94.4	94.4	94.4
GE 100	89.0	92.1	92.4	92.7	93.2	93.2	93.5	93.5	93.5	94.1	94.4	94.4	94.4	94.4	94.4	94.4
GE 90	89.0	92.1	92.4	92.7	93.2	93.2	93.5	93.5	93.5	94.1	94.4	94.4	94.4	94.4	94.4	94.4
GE 80	89.0	92.1	92.4	92.7	93.2	93.2	93.5	93.5	93.5	94.1	94.4	94.4	94.4	94.4	94.4	94.4
GE 70	89.0	92.1	92.4	92.7	93.2	93.2	93.5	93.5	93.5	94.1	94.4	94.4	94.4	94.4	94.4	94.4
GE 60	89.0	92.1	92.4	92.7	93.2	93.2	93.5	93.5	93.5	94.1	94.4	94.4	94.4	94.4	94.4	94.4
GE 50	89.0	92.1	92.4	92.7	93.2	93.2	93.5	93.5	93.5	94.1	94.4	94.4	94.4	94.4	94.4	94.4
GE 40	89.0	92.1	92.4	92.7	93.2	93.2	93.5	93.5	93.5	94.1	94.4	94.4	94.4	94.4	94.4	94.4
GE 30	89.0	92.1	92.4	92.7	93.2	93.2	93.5	93.5	93.5	94.1	94.4	94.4	94.4	94.4	94.4	94.4
GE 20	89.0	92.1	92.4	92.7	93.2	93.2	93.5	93.5	93.5	94.1	94.4	94.4	94.4	94.4	94.4	94.4
GE 10	89.0	92.1	92.4	92.7	93.2	93.2	93.5	93.5	93.5	94.1	94.4	94.4	94.4	94.4	94.4	94.4
GE 0	89.0	92.1	92.4	92.7	93.2	93.2	93.5	93.5	93.5	94.1	94.4	94.4	94.4	94.4	94.4	94.4

TOTAL NUMBER OF OBSERVATIONS: 354

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	52.6	52.8	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 20000	60.2	60.6	60.7	60.7	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
GE 18000	61.0	61.4	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 16000	61.3	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0
GE 14000	63.6	64.1	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	64.2	64.2
GE 12000	67.1	67.6	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 10000	70.6	71.3	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 9000	71.3	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4
GE 8000	73.1	74.0	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 7000	74.0	74.9	75.0	75.0	75.1	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 6000	75.2	76.1	76.2	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	76.4
GE 5000	78.2	79.3	79.5	79.6	79.7	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 4500	78.8	79.9	80.0	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 4000	81.0	82.7	82.9	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3500	82.7	84.5	84.7	84.8	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3000	83.8	86.1	86.5	86.7	86.9	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3
GE 2500	84.5	87.0	87.5	87.7	88.1	88.1	88.3	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5
GE 2000	84.6	87.5	88.1	88.3	88.8	88.8	89.0	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
GE 1800	84.8	87.5	88.1	88.4	88.8	88.8	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3
GE 1500	85.1	87.9	88.6	88.9	89.4	89.4	89.7	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
GE 1200	85.4	88.4	89.1	89.5	90.0	90.1	90.4	90.4	90.4	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7
GE 1000	85.6	89.1	89.9	90.4	91.0	91.1	91.5	91.6	91.6	91.9	92.0	92.0	92.0	92.2	92.2	92.2	92.2
GE 900	85.9	89.3	90.1	90.6	91.4	91.5	91.9	92.0	92.0	92.4	92.5	92.6	92.6	92.7	92.7	92.7	92.7
GE 800	86.0	89.4	90.2	90.9	91.5	91.6	92.2	92.3	92.3	92.7	92.8	92.9	93.0	93.1	93.1	93.1	93.1
GE 700	86.0	89.5	90.3	91.1	91.9	92.0	92.6	92.7	92.7	93.1	93.3	93.4	93.6	93.6	93.6	93.6	93.6
GE 600	86.0	89.6	90.4	91.2	92.2	92.3	93.0	93.3	93.4	94.0	94.3	94.3	94.6	94.6	94.6	94.6	94.6
GE 500	86.0	89.6	90.5	91.4	92.5	92.7	93.5	93.8	93.9	94.7	95.2	95.4	95.7	95.8	95.8	95.8	95.9
GE 400	86.0	89.6	90.5	91.5	92.6	92.9	93.9	94.2	94.3	95.3	96.0	96.1	96.6	96.8	96.8	96.8	96.9
GE 300	86.0	89.7	90.6	91.6	92.8	93.2	94.3	94.7	94.8	95.9	96.7	96.9	97.5	97.8	97.9	98.1	98.1
GE 200	86.0	89.7	90.6	91.6	92.8	93.2	94.4	94.8	94.8	96.0	97.0	97.1	98.1	98.6	98.8	98.8	99.3
GE 100	86.0	89.7	90.6	91.7	92.9	93.3	94.4	94.8	94.9	96.1	97.1	97.2	98.2	98.7	98.9	98.9	99.8
GE 0	66.0	89.7	90.6	91.7	92.9	93.3	94.4	94.8	94.9	96.1	97.1	97.2	98.2	98.7	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 3747

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 79-87
MONTH: APR HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	48.8	55.8	55.8	55.8	55.8	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 20000	53.5	60.5	60.5	60.5	60.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 18000	53.5	60.5	60.5	60.5	60.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 16000	53.5	60.5	60.5	60.5	60.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 14000	53.5	60.5	60.5	60.5	60.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 12000	55.8	62.8	62.8	62.8	62.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 10000	55.8	65.1	65.1	65.1	65.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 9000	55.8	65.1	65.1	65.1	65.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 8000	58.1	69.8	69.8	69.8	69.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 7000	58.1	69.8	69.8	69.8	69.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 6000	58.1	69.8	69.8	69.8	69.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 5000	58.1	69.8	69.8	69.8	69.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 4000	58.1	69.8	69.8	69.8	69.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 3500	62.8	76.7	76.7	76.7	76.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 3000	62.8	76.7	76.7	76.7	76.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 2500	69.8	86.0	86.0	86.0	86.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 2000	69.8	86.0	86.0	86.0	86.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1800	72.1	88.4	88.4	88.4	88.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1500	72.1	88.4	88.4	88.4	88.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1200	72.1	88.4	88.4	88.4	88.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1000	74.4	90.7	90.7	90.7	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 900	74.4	90.7	90.7	90.7	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 800	74.4	90.7	90.7	90.7	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 700	74.4	90.7	90.7	90.7	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 600	74.4	90.7	90.7	90.7	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 500	74.4	90.7	90.7	90.7	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 400	74.4	90.7	90.7	90.7	90.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 300	74.4	90.7	90.7	93.0	93.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	97.7	97.7	97.7
GE 200	74.4	90.7	90.7	93.0	93.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	97.7	97.7	97.7
GE 100	74.4	90.7	90.7	93.0	93.0	95.3	95.3	95.3	95.3	97.7	97.7	97.7	97.7	100.0	100.0	100.0
GE J	74.4	90.7	90.7	93.0	93.0	95.3	95.3	95.3	95.3	97.7	97.7	97.7	97.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 43

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72466C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	1 1/2	1 1/4	GE 1	3/4	5/8	1/2	5/16	1/4	GE 0	
NO CEIL	1	63.4	63.8	63.9	63.9	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.5	
GE 20000	1	69.0	69.4	69.5	69.5	69.7	69.7	69.8	69.8	69.8	69.9	69.9	69.9	69.9	70.1	70.1	70.2	
GE 18000	1	69.4	69.8	69.9	69.9	70.1	70.1	70.2	70.2	70.2	70.4	70.4	70.4	70.4	70.5	70.5	70.6	
GE 16000	1	70.2	70.6	70.8	70.8	70.9	70.9	71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.3	71.3	71.4	
GE 14000	1	71.0	71.4	71.6	71.6	71.7	71.7	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.3	
GE 12000	1	72.8	73.2	73.4	73.4	73.5	73.5	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.9	73.9	74.0	
GE 10000	1	75.8	76.2	76.4	76.4	76.5	76.5	76.6	76.6	76.6	76.8	76.8	76.8	76.8	76.9	76.9	77.0	
GE 9000	1	76.5	76.9	77.0	77.0	77.2	77.2	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.6	77.6	77.7	
GE 8000	1	79.2	79.6	79.8	79.8	79.9	79.9	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.3	80.3	80.5	
GE 7000	1	79.5	79.9	80.1	80.1	80.2	80.2	80.3	80.3	80.3	80.5	80.5	80.5	80.5	80.6	80.6	80.7	
GE 6000	1	80.6	81.0	81.3	81.3	81.4	81.4	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.8	81.8	82.0	
GE 5000	1	81.8	82.2	82.5	82.5	82.7	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	83.1	83.1	83.2	
GE 4500	1	82.1	82.5	82.8	82.8	82.9	82.9	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.3	83.3	83.5	
GE 4000	1	83.6	84.3	84.6	84.6	85.0	85.1	85.2	85.2	85.2	85.4	85.4	85.4	85.4	85.5	85.5	85.7	
GE 3500	1	84.2	85.0	85.2	85.2	85.7	85.8	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.2	86.2	86.3	
GE 3000	1	85.1	86.1	86.5	86.5	87.0	87.2	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.7	87.7	87.8	
GE 2500	1	86.3	87.4	87.8	87.8	88.4	88.5	88.8	88.8	88.8	88.9	88.9	88.9	88.9	89.1	89.1	89.2	
GE 2000	1	86.9	88.0	88.4	88.7	89.2	89.3	89.6	89.6	89.6	89.8	89.8	89.8	89.8	89.9	89.9	90.0	
GE 1800	1	87.3	88.4	89.1	89.3	89.9	90.0	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.6	90.6	90.7	
GE 1500	1	87.6	88.9	89.6	89.9	90.4	90.6	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.1	91.1	91.3	
GE 1200	1	88.3	89.8	90.4	90.7	91.4	91.5	91.8	91.8	91.8	91.9	91.9	91.9	91.9	92.1	92.1	92.2	
GE 1000	1	88.5	90.2	90.8	91.1	91.8	91.9	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.5	92.5	92.6	
GE 900	1	88.5	90.4	91.1	91.5	92.2	92.3	92.6	92.6	92.6	93.0	93.0	93.0	93.2	93.3	93.3	93.6	
GE 800	1	88.5	90.4	91.1	91.5	92.2	92.3	92.6	92.6	92.6	93.0	93.2	93.2	93.3	93.4	93.4	93.7	
GE 700	1	88.5	90.7	91.4	91.9	92.8	93.0	93.3	93.3	93.3	93.9	94.0	94.0	94.1	94.3	94.3	94.5	
GE 600	1	88.5	90.8	91.5	92.3	93.4	93.7	94.0	94.0	94.4	94.9	95.1	95.1	95.2	95.4	95.4	95.6	
GE 500	1	89.7	91.0	91.8	92.6	94.0	94.5	94.8	95.2	95.2	95.9	96.2	96.2	96.3	96.4	96.4	96.7	
GE 450	1	89.7	91.0	91.8	92.6	94.0	94.8	95.1	95.5	95.5	96.6	97.0	97.0	97.1	97.3	97.3	97.5	
GE 400	1	89.7	91.0	91.8	92.6	94.1	94.9	95.4	95.9	95.9	97.0	97.7	97.7	97.7	98.1	98.5	98.8	
GE 300	1	89.7	91.0	91.8	92.6	94.3	95.1	95.5	96.0	96.0	97.1	98.0	98.0	98.4	98.8	98.9	99.3	
GE 200	1	89.7	91.0	91.8	92.6	94.3	95.1	95.5	96.0	96.0	97.1	98.0	98.0	98.4	98.8	99.3	100.0	
GE 100	1	89.7	91.0	91.8	92.6	94.3	95.1	95.5	96.0	96.0	97.1	98.0	98.0	98.4	98.8	99.3	100.0	
GE	CI	89.7	91.0	91.8	92.6	94.3	95.1	95.5	96.0	96.0	97.1	98.0	98.0	98.4	98.8	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 732

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS.

STATION NUMBER: 72466G STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO-CEIL	68.2	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	68.3	68.3
GE 20000	74.2	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	74.3	74.3	74.3
GE 18000	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 16000	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	75.3	75.3	75.3	75.3
GE 14000	75.6	75.7	75.7	75.7	75.7	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 12000	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 10000	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 9000	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	80.6	80.6	80.6	80.6
GE 8000	81.0	81.4	81.4	81.4	81.4	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	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 6000	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 5000	83.9	84.3	84.3	84.3	84.3	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 4500	84.5	85.2	85.2	85.2	85.2	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 4000	88.8	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 3500	89.2	89.9	89.9	89.9	89.9	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 3000	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	91.7	91.7	91.7	91.7
GE 2500	91.4	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 2000	91.9	92.9	92.9	92.9	92.9	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	92.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1500	92.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1200	92.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1000	92.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 900	92.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 800	92.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 700	93.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 600	93.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 500	93.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 400	93.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 300	93.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 200	93.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 100	93.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 0	93.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1

TOTAL NUMBER OF OBSERVATIONS: 770

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 1C	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	55.6	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	55.6	55.6	55.6
GE 20000	65.3	65.4	65.5	65.5	65.5	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 18000	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 16000	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 14000	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	67.9	67.9	67.9
GE 12000	70.4	70.5	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	70.6
GE 10000	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 9000	73.2	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	73.5	73.5	73.5
GE 8000	74.2	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 7000	74.9	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 6000	77.0	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 5000	82.4	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 4500	83.7	84.1	84.2	84.2	84.2	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 4000	90.6	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 3500	91.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 3000	94.0	94.6	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2500	94.9	95.8	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2000	95.3	96.6	97.1	97.3	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	95.4	96.7	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500	95.4	96.9	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	95.4	96.9	97.7	97.8	97.9	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 1000	95.4	96.9	97.7	97.8	97.9	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	95.4	96.9	97.8	97.9	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	95.4	96.9	97.8	97.9	98.0	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	95.4	96.9	97.8	97.9	98.0	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	95.4	96.9	97.8	97.9	98.0	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0
GE 500	95.4	96.9	97.8	97.9	98.0	98.6	98.6	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.2
GE 400	95.4	96.9	97.8	97.9	98.0	98.6	98.6	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.2
GE 300	95.4	96.9	97.8	97.9	98.0	98.6	98.6	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.2
GE 200	95.4	96.9	97.8	97.9	98.0	98.6	98.6	98.8	98.8	98.8	98.8	99.1	99.1	99.2	99.2	99.2	99.3
GE 100	95.4	96.9	97.8	97.9	98.0	98.6	98.6	98.8	98.8	98.8	98.8	99.1	99.1	99.3	99.5	99.9	100.0
GE 0	95.4	96.9	97.8	97.9	98.0	98.6	98.6	98.8	98.8	98.8	98.8	99.1	99.1	99.3	99.5	99.9	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: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 76-87
MONTH: APR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	46.6	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 2000	55.8	56.2	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 1800	56.1	56.5	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 1600	56.7	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	57.2	57.2
GE 1400	56.6	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 1200	63.1	63.5	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 1000	67.3	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	67.9	67.9
GE 900	68.1	68.5	68.7	68.7	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 800	70.0	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 700	71.0	71.4	71.7	71.7	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 600	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	74.7	74.7	74.7
GE 500	82.6	83.0	83.3	83.3	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 450	85.8	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 400	90.0	91.2	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 350	91.9	93.3	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 300	93.4	94.7	95.5	95.8	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 250	94.0	95.3	96.2	96.9	97.4	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 200	94.6	96.2	97.1	97.8	98.2	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 180	94.6	96.2	97.1	97.8	98.2	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 150	94.6	96.3	97.2	98.0	98.5	98.5	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 120	94.6	96.3	97.2	98.2	98.8	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 100	94.6	96.5	97.4	98.4	99.0	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 90	94.9	96.8	97.7	98.7	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 80	94.9	96.8	97.7	98.7	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 70	94.9	96.8	97.7	98.7	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 60	95.0	96.9	97.8	98.8	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 50	95.0	96.9	97.8	98.8	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 40	95.0	96.9	97.8	98.8	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 30	95.0	96.9	97.8	98.8	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 20	95.0	96.9	97.8	98.8	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 10	95.0	96.9	97.8	98.8	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 603

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	1	GE 1/2	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1	57.4	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	58.9
GE 20000	1	63.6	65.1	65.1	65.1	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 18000	1	63.6	65.1	65.1	65.1	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 16000	1	63.6	65.1	65.1	65.1	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 14000	1	64.3	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 12000	1	66.3	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	68.1
GE 10000	1	70.8	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 9000	1	71.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 8000	1	74.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 7000	1	74.3	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	77.6	77.6
GE 6000	1	76.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 5000	1	81.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 4500	1	83.3	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4000	1	86.5	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	91.0	91.0
GE 3500	1	87.0	91.8	92.3	92.3	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 3000	1	88.8	94.3	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2500	1	89.3	94.8	95.5	95.5	95.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2000	1	87.5	95.3	96.0	96.3	96.5	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1800	1	89.5	95.5	96.3	96.5	96.8	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1500	1	89.8	95.8	96.8	97.0	97.3	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	1	89.8	96.0	97.0	97.3	97.8	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	1	89.8	96.0	97.0	97.3	97.8	98.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	1	89.8	96.0	97.0	97.3	97.8	98.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	1	89.8	96.0	97.0	97.3	97.8	98.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	1	89.8	96.0	97.0	97.3	97.8	98.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	1	89.8	96.0	97.0	97.3	97.8	98.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	1	89.8	96.0	97.0	97.3	97.8	98.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	1	89.8	96.0	97.0	97.3	97.8	98.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	1	89.8	96.0	97.0	97.3	97.8	98.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	1	89.8	96.0	97.0	97.3	97.8	98.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 100	1	89.8	96.0	97.0	97.3	97.8	98.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 0	1	89.8	96.0	97.0	97.3	97.8	98.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS: 401

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72466C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1 1/2	1 1/4	3/4	5/8	1/2	5/16	1/4	3/8	1/2	3/4	5/8	1/2	5/16	1/4	3/8	0
NO CEIL	67.3	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	69.5	69.5
GE 20000	68.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 18000	68.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 16000	68.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 14000	69.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 12000	71.0	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	73.2
GE 10000	75.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 9000	77.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 8000	78.8	83.5	83.5	83.5	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 7000	79.1	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 6000	79.4	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 5000	82.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 4500	82.2	89.1	89.1	89.1	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 4000	83.8	90.7	90.7	90.7	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 3500	84.7	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 3000	85.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 2500	87.5	96.0	96.0	96.0	96.0	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2000	87.9	96.3	96.3	96.3	96.3	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	87.9	96.3	96.3	96.3	96.3	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1600	88.5	96.9	96.9	96.9	96.9	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1400	88.5	96.9	96.9	96.9	96.9	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1200	89.1	97.5	97.5	97.5	97.5	97.5	98.4	98.8	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	89.1	97.5	97.5	97.5	97.5	97.5	98.4	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	89.1	97.5	97.5	97.5	97.5	97.5	98.4	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	89.1	97.5	97.5	97.5	97.5	97.5	98.4	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	89.1	97.5	97.5	97.5	97.5	97.5	98.4	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	89.1	97.5	97.5	97.5	97.5	97.5	98.4	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	89.1	97.5	97.5	97.5	97.5	97.5	98.4	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	89.1	97.5	97.5	97.5	97.5	97.5	98.4	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	89.1	97.5	97.5	97.5	97.5	97.5	98.4	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	89.1	97.5	97.5	97.5	97.5	97.5	98.4	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.1	97.5	97.5	97.5	97.5	97.5	98.4	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	89.1	97.5	97.5	97.5	97.5	97.5	98.4	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468E STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		59.1	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9
GE 20000		66.1	66.7	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0
GE 18000		66.4	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3
GE 16000		66.9	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8
GE 14000		67.9	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 12000		70.3	71.0	71.1	71.1	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 10000		73.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 9000		74.4	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6
GE 8000		76.0	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5
GE 7000		76.5	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0
GE 6000		78.2	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7
GE 5000		82.3	83.7	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4500		83.5	85.1	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5
GE 4000		87.4	89.1	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 3500		88.3	90.3	90.6	90.6	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3000		89.9	92.0	92.4	92.5	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0
GE 2500		90.6	93.1	93.6	93.8	94.1	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5
GE 2000		91.3	93.8	94.2	94.5	94.9	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3
GE 1800		91.4	94.0	94.5	94.8	95.1	95.2	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.6
GE 1500		91.6	94.3	94.9	95.2	95.5	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0
GE 1200		91.8	94.6	95.3	95.7	96.1	96.2	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.7
GE 1000		91.9	94.8	95.5	95.9	96.3	96.4	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1
GE 900		92.0	94.9	95.7	96.1	96.5	96.6	97.0	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.5
GE 800		92.7	95.0	95.8	96.2	96.7	96.8	97.1	97.3	97.3	97.6	97.7	97.7	97.7	97.7	97.8	97.8
GE 700		92.1	95.1	95.9	96.4	96.9	97.1	97.4	97.6	97.6	98.0	98.0	98.0	98.1	98.1	98.1	98.2
GE 600		92.1	95.2	95.9	96.5	97.0	97.3	97.6	97.9	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.5
GE 500		92.1	95.2	96.0	96.6	97.2	97.4	97.8	98.1	98.1	98.6	98.7	98.7	98.8	98.8	98.9	99.0
GE 400		92.1	95.2	96.0	96.6	97.2	97.5	97.9	98.2	98.2	98.7	98.9	98.9	99.0	99.1	99.1	99.2
GE 300		92.1	95.2	96.0	96.6	97.2	97.6	98.0	98.3	98.3	98.8	99.1	99.1	99.2	99.4	99.4	99.5
GE 200		92.1	95.2	96.0	96.6	97.3	97.6	98.0	98.3	98.4	98.9	99.1	99.1	99.3	99.4	99.5	99.7
GE 100		92.1	95.2	96.0	96.6	97.3	97.6	98.0	98.3	98.4	98.9	99.2	99.2	99.4	99.5	99.8	100.0
GE 0		92.1	95.2	96.0	96.6	97.3	97.6	98.0	98.3	98.4	98.9	99.2	99.2	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 3716

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.4	1.0	2.3	3.4	3.1	1.9	.6	.6				14.5	15.1
NNE	.8	.9	1.0	.9								3.6	7.4
NE	1.8	1.2	.9	.3								4.2	4.9
NNE	.9	2.1	1.4	.1								4.5	5.5
E	1.7	1.7	1.2	.1								4.7	5.1
ESE	1.4	1.7	1.0	.4								4.5	5.5
SE	1.8	4.5	2.7	1.4								10.5	6.4
SSE	2.2	4.2	5.3	2.9								14.5	7.6
S	1.0	2.9	3.2	2.6	.3	.3						10.3	8.4
SSW	.4	.4	.5	1.7	.3	.1						3.4	11.3
SW	.5	1.3	.3	1.3	.4	.6						4.4	11.0
WSW	.4	.5	.8	1.0	.1	.1						3.0	10.3
W		.1	.9	1.0	.4	.1						2.6	12.5
WNW	.4	.4		.4	.1							1.3	7.6
NR	.6			.3	.1							1.0	7.9
NNW	1.0	.4	.6	.6	.6	.9						4.2	11.6
VARIABLE													
CALC	////////////////////////////////////											9.7	////
TOTALS	16.5	23.2	22.3	18.4	5.5	4.0	.6	.6				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 776

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.5	1.2	2.5	2.3	2.9	2.9	1.2					13.4	16.6
NNE	.3	.7	1.0	1.4	.5							3.9	10.4
NE	.4	.8	.7	.3	.1							2.2	6.9
ENE	.3	1.0	.1	.1								1.6	5.7
E	1.3	1.6	2.9	.3								6.0	6.2
ESE	.7	2.2	2.5	.8								6.1	6.9
SE	.4	2.9	4.0	2.1	.1							9.5	8.2
SSE	1.4	4.3	5.9	3.9	.4	.1						16.1	8.6
S	1.0	1.3	4.7	5.1	.5	.1						12.8	10.3
SSW		.4	.8	3.5	.8	.3						5.7	13.5
SW	.3	.5	2.3	1.2	.8							5.1	10.7
WSW	.3	.1	1.2	1.7	.9	.1						4.3	12.7
W	.5	.7	.4	1.0	.7	.4	.1					3.8	12.6
WNW		.3	.7	.4	.1		.1		.1			1.7	15.0
NW	.1	.8	.4	.4	.1	.1						2.0	9.4
NNW	.3	.3	.9	.3	.7	.5	.1					3.0	14.1
VARIABLE													
CALM	////////////////////////////////////										2.7	////	
TOTALS	7.7	18.9	30.9	24.8	8.6	4.6	1.6		.1		100.0	10.4	

TOTAL NUMBER OF OBSERVATIONS: 766

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.7	.4	3.2	4.5	3.2	2.6	.6					15.4	15.5
NNE	.7	.6	1.0	.6	.3	.3						3.5	9.1
NE	.4	.9	.6	.3								2.2	6.3
NNE	.6	.4	1.0	.3								2.3	7.3
E	1.2	1.6	2.2	.1								5.1	5.9
ESE	.1	1.5	2.0	1.3	.3							5.3	9.1
SE	1.2	.6	3.7	2.3		.1						7.9	8.7
SSE	1.0	2.0	4.7	3.4								11.9	8.5
S	1.2	1.6	4.4	2.8	.3	.1						10.4	9.3
SSW	.4	.4	2.2	1.9	.7		.1					5.9	11.0
SW	.3	.6	1.9	2.0	.4	.3						5.6	11.3
WSW	.9	1.3	1.6	1.6	.6	.4						6.4	10.1
W	.6	.3	1.2	1.5	1.0	.9						5.4	12.9
WNW	.3	.1	.4	.3							.1	1.3	13.7
NW	.1	.6	.1	.7	.4	.1	.1					2.3	13.1
NNW		1.3	.7	2.6	.9	.3			.1			6.0	12.9
VARIABLE													
CALM	////////////////////////////////////											3.1	////
TOTALS	10.5	14.3	31.0	26.4	8.2	5.3	.9		.1		.1	100.0	10.3

TOTAL NUMBER OF OBSERVATIONS: 6e3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/4AC

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

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	5.0	3.0	5.0	1.5	1.7	.2					17.5	11.1
NNE	.5	1.0	.5	1.0								3.0	7.8
NE	1.5	.5	.7	.2								3.0	5.0
NNE				.5								.5	13.0
E	.7	1.2	.7	.5		.2						3.5	7.7
ESE	.5	.7	1.0									2.2	6.2
SE	1.0	2.2	2.5									5.7	5.8
SSE	1.2	2.0	.7									4.0	4.7
S	2.2	2.2	1.2	.5								6.2	5.3
SSW	2.0	3.5	.7	1.2	.2							7.7	6.4
SW	.2	1.0	1.0	.2	.2	.2						3.0	9.1
WSW	3.5	1.7	1.2	.2								6.7	4.7
W	2.0	3.2	3.2	.7	.5							9.7	6.9
WNW	1.0	1.7	1.7	1.0	.2							5.7	7.6
W	.5	.7	2.2	.2								3.7	7.1
WNW	1.7	1.7	2.5	1.2	.2							7.5	7.3
VARIABLE													
CALM	////////////////////											10.2	////
TOTALS	19.7	28.7	23.2	12.7	3.0	2.2	.2					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 401

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 724680 STATION NAME: FT CARSON/DUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.8	5.3	4.4	3.1	2.8	1.2						19.6	9.4
NNE	.3	.9	.6	.9								2.8	8.6
NE	.3	.3		.9								1.6	8.8
ENE	1.6		.6	.3								2.5	5.5
E	1.2	.3	.6									2.2	5.1
ESE	1.6	.6	.3	.3								2.8	4.7
SE	.9	.9	.6									2.5	4.9
SSE	1.9	2.5	.9	.3								5.6	5.0
S	2.5	2.2	1.2	.3	.3							6.5	5.7
SSW	1.2	1.2	.9									3.4	5.1
SW	1.6	2.5										4.0	3.6
WSW	1.9	3.7		.3								5.9	4.6
W	1.6	.9	3.1									5.6	5.8
WNW	1.2	1.2	.6	.3		.3						3.7	7.1
NW	1.2	1.6	2.8	.6								6.2	6.8
NNW	1.2	5.2	2.8	1.9	.9							13.1	7.6
VARIABLE													
CALM	////////////////////////////////////											11.8	////
TOTALS	22.1	30.5	19.6	9.3	4.0	1.6						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 72468G STATION NAME: FT CARSON/BUTTS AAF CO

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.3	3.2	3.3	3.7	2.5	1.9	.6	.2				17.8	12.3
NNE	.8	.2	.8	.8	.2	.1						3.4	7.9
NE	.9	.7	.6	.3	.9							2.5	5.5
ENE	.7	.9	.6	.2								2.3	5.7
E	1.2	1.2	1.4	.2		.0						4.0	5.8
ESE	.7	1.3	1.3	.5	.1							3.8	6.8
SE	1.0	2.4	2.6	1.2	.0	.0						7.2	7.1
SSE	1.5	3.1	3.6	2.1	.1	.0						10.5	7.7
S	1.3	2.0	2.9	2.3	.3	.1						8.9	8.5
SSW	.6	.9	1.0	1.6	.4	.1	.0					4.7	9.9
SW	.6	.9	1.1	.9	.4	.2						4.1	9.7
WSW	.9	1.0	.9	1.0	.3	.1		.0				4.3	9.0
W	.7	.9	1.1	.2	.5	.3	.0					4.2	9.8
WNW	.6	.6	.5	.4	.1	.0	.0		.0		.0	2.2	8.8
NW	.5	1.0	.8	.4	.1	.1	.0					3.0	7.9
NNW	1.4	2.7	2.3	1.3	.7	.4	.0		.0			8.9	8.8
VARIABLE													
CALM	////////////////////////////////////										7.9	////	
TOTALS	15.7	23.6	24.8	17.8	5.7	3.4	.7	.3	.1		.0	100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 3716

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		1	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL	1	59.9	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 23000	1	64.6	65.1	65.1	65.1	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 18000	1	65.1	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 16000	1	65.1	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 14000	1	66.0	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	66.5
GE 12000	1	69.9	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 10000	1	69.3	69.8	69.8	69.8	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 9000	1	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 8000	1	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 7000	1	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 6000	1	75.0	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 5000	1	75.9	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	76.9
GE 4500	1	77.4	78.3	78.3	78.3	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 4000	1	80.7	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 3500	1	82.1	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	83.0	83.0
GE 3000	1	83.5	84.4	84.4	84.4	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 2500	1	85.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2000	1	87.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1800	1	87.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1500	1	88.2	89.6	89.6	89.6	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 1200	1	89.2	90.6	90.6	90.6	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 1000	1	89.2	90.6	90.6	90.6	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	1	89.2	90.6	90.6	90.6	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 800	1	89.2	91.5	92.0	92.0	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 700	1	89.2	91.5	92.0	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.9	92.9	92.9	92.9	92.9	92.9
GE 600	1	89.2	92.0	92.5	92.5	92.9	92.9	92.9	92.9	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 500	1	89.2	92.5	92.9	92.9	93.9	93.9	93.9	93.9	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 400	1	89.2	92.5	92.9	92.9	94.3	94.3	94.3	94.3	94.3	94.8	94.8	95.3	95.3	95.3	95.8	95.8
GE 300	1	89.2	92.9	93.9	93.9	95.3	95.3	95.8	95.8	95.8	96.2	96.2	96.7	96.7	96.7	97.2	97.2
GE 200	1	89.2	92.9	93.9	94.3	96.2	96.2	96.7	96.7	96.7	97.2	97.2	97.6	98.6	98.6	99.1	99.5
GE 100	1	89.2	92.9	93.9	94.3	96.2	96.2	96.7	96.7	96.7	97.2	97.2	97.6	98.6	98.6	99.1	100.0
GE	1	89.2	92.9	93.9	94.3	96.2	96.2	96.7	96.7	96.7	97.2	97.2	97.6	98.6	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 212

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	CE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	67.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 20000	65.9	66.2	66.2	66.2	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 18000	66.2	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	66.5
GE 16000	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 14000	67.2	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	67.4
GE 12000	70.8	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	71.1	71.1
GE 10000	73.1	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	73.4	73.4
GE 9000	73.5	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 8000	75.3	75.6	75.6	75.6	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 7000	76.7	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 6000	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 5000	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 4500	80.3	80.7	80.9	80.9	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 4000	83.0	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 3500	84.3	84.8	84.9	84.9	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 3000	85.8	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2500	86.7	87.7	87.9	88.2	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 2000	87.0	89.0	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1800	87.4	89.6	90.0	90.2	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 1500	87.7	90.0	90.5	90.8	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 1200	87.9	90.2	90.8	91.0	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1000	88.2	90.8	91.5	91.9	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 900	88.6	91.2	91.9	92.3	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9	93.2	93.2	93.2	93.2
GE 800	89.0	91.9	92.5	93.1	93.5	93.5	93.6	93.8	93.8	93.9	93.9	93.9	94.2	94.2	94.2	94.2
GE 700	89.0	91.9	92.7	93.2	93.6	93.6	93.8	93.9	93.9	94.0	94.0	94.0	94.3	94.3	94.3	94.3
GE 600	89.0	92.1	92.9	93.5	94.0	94.0	94.3	94.4	94.4	94.6	94.6	94.6	95.0	95.0	95.0	95.0
GE 550	89.0	92.5	93.4	94.0	95.0	95.0	95.3	95.4	95.4	95.5	95.7	95.7	96.1	96.1	96.1	96.1
GE 450	89.0	92.8	94.0	94.7	95.8	95.9	96.2	96.3	96.3	96.9	97.2	97.2	97.6	97.6	97.6	97.6
GE 300	89.0	93.1	94.4	95.5	96.6	96.7	97.2	97.4	97.4	98.1	98.4	98.4	98.9	98.9	98.9	98.9
GE 200	89.0	93.1	94.4	95.8	96.9	97.0	97.4	97.7	97.7	98.4	98.6	98.6	99.5	99.5	100.0	100.0
GE 100	89.0	93.1	94.4	95.8	96.9	97.0	97.4	97.7	97.7	98.4	98.6	98.6	99.5	99.5	100.0	100.0
GE 50	89.0	93.1	94.4	95.8	96.9	97.0	97.4	97.7	97.7	98.4	98.6	98.6	99.5	99.5	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: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87

MONTH: MAY HOURS(LST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES																	
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL		59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	
GE 20000	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	66.8	66.8	66.8	66.8	66.8	
GE 18000	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	
GE 16000	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	
GE 14000	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	
GE 12000	70.2	70.3	70.3	70.3	70.3	70.3	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 10000	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	
GE 9000	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	
GE 8000	76.2	76.3	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	76.5	76.5	76.5	
GE 7000	76.3	76.5	76.5	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	76.6	76.6	
GE 6000	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	
GE 5000	79.3	79.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	
GE 4500	80.7	81.0	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	81.2	81.2	81.2	
GE 4000	83.7	84.1	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	
GE 3500	86.1	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	
GE 3000	87.9	89.0	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	
GE 2500	89.3	90.5	90.6	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	90.9	90.9	
GE 2000	89.9	91.3	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	
GE 1800	90.5	91.8	92.0	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	
GE 1500	92.2	93.6	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
GE 1200	93.1	94.4	94.7	95.0	95.1	95.1	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	
GE 1000	93.9	95.4	96.2	96.5	96.6	96.6	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
GE 900	93.9	95.5	96.3	96.7	96.9	96.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	
GE 800	94.0	95.6	96.5	96.9	97.0	97.0	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	
GE 700	94.0	95.9	96.9	97.3	97.6	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	
GE 600	94.0	95.9	96.9	97.3	97.6	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	
GE 500	94.0	95.9	97.0	97.4	98.0	98.1	98.2	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8	
GE 400	94.0	95.9	97.0	97.4	98.0	98.1	98.2	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	
GE 300	94.0	95.9	97.0	97.4	98.2	98.4	98.5	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	
GE 200	94.0	95.9	97.0	97.4	98.2	98.4	98.5	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	
GE 100	94.0	95.9	97.0	97.4	98.4	98.5	98.6	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.6	99.6	99.7	100.0	
GE	94.0	95.9	97.0	97.4	98.4	98.5	98.6	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 735

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72466C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 20000	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 18000	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	56.2	56.2
GE 16000	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	56.5	56.5
GE 14000	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	58.6	58.6	58.6
GE 12000	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	61.3
GE 10000	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 9000	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 8000	66.5	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	66.7
GE 7000	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 6000	69.3	69.4	69.4	69.4	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 5000	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	78.2	78.2	78.2
GE 4500	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	81.2	81.2	81.2
GE 4000	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 3500	87.8	87.9	88.1	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 3000	89.8	90.4	90.6	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 2500	91.4	91.9	92.6	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2000	92.3	93.0	93.7	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1800	92.3	93.0	93.7	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1500	93.3	94.0	94.7	95.1	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1200	93.4	94.4	95.1	95.5	95.9	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000	93.7	94.8	95.6	96.0	96.4	96.4	96.7	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
GE 900	93.8	95.1	96.0	96.4	97.3	97.3	97.5	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9
GE 800	94.0	95.2	96.2	96.7	97.5	97.5	97.8	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 700	94.1	95.3	96.3	96.8	97.8	97.8	98.1	98.6	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8
GE 600	94.1	95.3	96.3	96.8	97.8	97.8	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
GE 500	94.4	95.6	96.6	97.1	98.1	98.1	98.5	99.0	99.0	99.0	99.0	99.0	99.5	99.5	99.5	99.5
GE 400	94.4	95.6	96.7	97.4	98.4	98.4	98.8	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7
GE 300	94.4	95.6	96.7	97.4	98.4	98.4	98.8	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7
GE 200	94.4	95.6	96.7	97.4	98.4	98.4	98.8	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7
GE 100	94.4	95.6	96.7	97.4	98.4	98.4	98.8	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.9	99.9
GE 0	94.4	95.6	96.7	97.4	98.4	98.4	98.8	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 729

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO	CEIL	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE	20000	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	49.8	49.8	49.8	49.8
GE	18000	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	50.1	50.1	50.1	50.1
GE	16000	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE	14000	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	52.9	52.9
GE	12000	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	56.7	56.7
GE	10000	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE	9000	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	63.8	63.8	63.8	63.8
GE	8000	66.6	66.2	66.2	66.2	66.2	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	7000	66.5	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	66.7	66.7
GE	6000	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE	5000	81.2	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE	4500	82.9	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE	4000	87.3	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE	3500	88.6	89.5	90.0	90.0	90.0	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	3000	91.7	92.8	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE	2500	92.0	93.6	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE	2000	92.6	94.4	94.8	94.8	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE	1800	92.6	94.4	94.8	94.8	95.0	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE	1500	92.8	94.7	95.5	95.5	95.6	95.6	95.9	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE	1200	92.8	94.7	95.6	95.8	96.1	96.1	96.4	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE	1000	93.0	95.0	95.9	96.1	96.4	96.4	96.7	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE	900	93.0	95.1	96.2	96.6	96.9	96.9	97.2	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE	800	93.0	95.1	96.2	96.7	97.0	97.0	97.3	97.3	97.3	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1
GE	700	93.0	95.1	96.2	96.7	97.0	97.0	97.3	97.3	97.3	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1
GE	600	93.1	95.3	96.4	96.9	97.2	97.2	97.5	97.5	97.5	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3
GE	500	93.4	95.6	96.7	97.2	97.5	97.5	97.8	97.8	97.8	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE	400	93.4	96.1	97.7	98.1	98.4	98.4	98.9	98.9	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	300	93.4	96.1	97.7	98.1	98.6	98.6	99.1	99.2	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200	93.4	96.1	97.7	98.1	98.6	98.6	99.1	99.2	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	100	93.4	96.1	97.7	98.1	98.6	98.6	99.1	99.2	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	0	93.4	96.1	97.7	98.1	98.6	98.6	99.1	99.2	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 639

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	41.8	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 2000	51.6	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	52.4	52.4
GE 1800	53.2	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 1600	54.7	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 1400	56.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 1200	60.8	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	61.8	61.8
GE 1000	66.1	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	67.3
GE 900	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 800	69.4	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	70.9	70.9
GE 700	69.6	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	71.1	71.1
GE 600	74.2	75.7	75.7	75.7	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 500	80.0	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 450	82.3	84.6	84.6	84.8	84.8	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 400	84.8	87.3	87.3	87.6	87.6	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 350	86.8	89.6	89.6	89.9	89.9	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 300	89.1	92.4	92.4	92.7	92.9	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 250	89.4	92.9	92.9	93.2	93.4	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 200	90.1	93.7	93.7	93.9	94.2	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 180	90.1	93.7	93.7	93.9	94.2	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 150	90.4	94.4	94.4	94.7	94.9	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 100	90.4	94.4	94.4	94.7	94.9	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 100	91.9	94.9	94.9	95.2	95.4	95.4	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 90	91.6	95.7	95.7	95.9	96.2	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 80	91.6	95.7	95.7	95.9	96.2	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 70	91.6	95.7	95.7	95.9	96.2	96.2	97.0	97.0	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5
GE 60	91.9	96.2	96.2	96.5	96.7	96.7	97.5	97.5	97.5	98.0	98.2	98.2	98.2	98.2	98.2	98.2
GE 50	91.9	96.2	96.2	96.7	97.0	97.0	97.7	97.7	97.7	98.2	98.5	98.5	98.5	98.5	98.5	98.5
GE 40	91.9	96.2	96.7	97.5	98.0	98.0	98.7	98.7	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7
GE 30	91.9	96.2	96.7	97.5	98.0	98.0	98.7	98.7	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7
GE 20	91.9	96.2	96.7	97.5	98.2	98.2	99.0	99.0	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	91.9	96.2	96.7	97.5	98.2	98.2	99.0	99.0	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	91.9	96.2	96.7	97.5	98.2	98.2	99.0	99.0	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 395

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO-CEIL	58.5	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 2000	64.3	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	66.5
GE 1800	65.6	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	67.9
GE 1600	66.5	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	68.8
GE 1400	66.5	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 1200	70.1	73.7	73.7	73.7	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 1000	74.1	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 900	74.1	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 800	75.4	79.0	79.0	79.0	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 700	75.9	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 600	79.0	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	82.6
GE 500	82.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 450	83.0	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 400	84.2	90.6	90.6	90.6	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 350	86.2	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 300	87.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 250	87.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 200	87.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 180	87.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 150	87.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 120	88.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 100	88.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 90	89.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 80	89.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 70	89.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 60	89.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 50	89.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 40	89.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 30	89.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 20	89.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 10	89.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 0	89.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9

TOTAL NUMBER OF OBSERVATIONS: 224

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87

MONTH: MAY HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	50.5	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	50.7	50.7
GE 2000	59.5	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	59.8
GE 1800	60.0	60.4	60.4	60.4	60.4	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 1600	60.4	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	60.7	60.7
GE 1400	62.0	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	62.4	62.4
GE 1200	65.1	65.5	65.5	65.5	65.5	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 1000	68.9	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	69.5	69.5	69.5
GE 900	69.4	70.0	70.0	70.0	70.0	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 800	71.3	71.9	71.9	71.9	71.9	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 700	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 600	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 500	79.4	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 450	81.2	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 400	84.8	85.7	85.8	85.9	85.9	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 350	86.4	87.5	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 300	88.4	89.8	90.1	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 250	89.4	91.0	91.3	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 200	90.0	92.0	92.3	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 180	90.2	92.3	92.6	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 150	90.9	93.1	93.5	93.7	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 120	91.3	93.5	93.9	94.2	94.4	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 100	91.6	94.0	94.6	94.9	95.2	95.2	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 90	91.9	94.3	95.0	95.3	95.7	95.7	95.9	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2
GE 80	92.0	94.6	95.3	95.7	96.1	96.1	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8
GE 70	92.0	94.6	95.4	95.9	96.3	96.3	96.5	96.7	96.7	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1
GE 60	92.1	94.8	95.6	96.1	96.5	96.5	96.8	97.0	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4
GE 50	92.2	95.0	95.8	96.3	97.0	97.0	97.3	97.5	97.5	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0
GE 40	92.2	95.2	96.2	96.8	97.5	97.6	97.9	98.1	98.1	98.4	98.6	98.7	98.9	98.9	98.9	98.9	98.9
GE 30	92.2	95.2	96.3	97.0	97.8	97.9	98.3	98.5	98.5	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.4
GE 20	92.2	95.2	96.3	97.1	98.0	98.0	98.4	98.7	98.7	99.0	99.2	99.3	99.6	99.6	99.6	99.8	99.8
GE 10	92.2	95.2	96.3	97.1	98.0	98.1	98.4	98.7	98.7	99.1	99.3	99.3	99.7	99.7	99.9	99.9	100.0
GE 0	92.2	95.2	96.3	97.1	98.0	98.1	98.4	98.7	98.7	99.1	99.3	99.3	99.7	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 3671

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	68.4	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	68.8
GE 20000	70.7	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 16000	70.7	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 14000	71.6	72.1	72.1	72.1	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 12000	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	73.5	73.5	73.5
GE 10000	74.9	75.3	75.3	75.3	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 8000	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 6000	76.7	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 4000	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 3000	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 2000	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 1500	84.2	84.7	84.7	84.7	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 1000	86.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 800	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 600	89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 400	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 250	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 200	93.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 180	93.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 150	93.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 120	93.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 100	94.4	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	96.3	96.3
GE 80	94.4	96.3	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 60	94.4	96.3	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 40	94.9	96.7	97.2	97.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 30	94.9	96.7	97.2	97.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 20	94.9	96.7	97.2	97.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 15	94.9	96.7	97.2	97.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 10	94.9	96.7	97.2	97.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 5	94.9	96.7	97.2	97.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 0	94.9	96.7	97.2	97.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS: 215

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16
NO CEIL	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	69.6	69.6
GE 20000	73.0	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 16000	73.4	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 14000	73.9	74.3	74.4	74.5	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 12000	75.3	75.7	75.8	75.9	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 10000	77.4	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 8000	79.7	80.1	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 6000	81.6	81.1	81.2	81.5	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 4000	81.8	82.4	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 3000	82.1	82.8	83.1	83.3	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 2000	82.9	83.6	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1500	84.2	85.0	85.3	85.5	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 1000	85.8	86.5	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 800	88.0	88.7	89.0	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 600	89.3	90.0	90.3	90.7	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 500	90.8	91.7	92.0	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 400	91.7	92.6	92.9	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 300	92.2	93.1	93.4	93.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 200	92.2	93.1	93.4	93.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 150	92.6	93.8	94.0	94.6	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 100	93.0	94.4	94.7	95.3	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 80	93.1	95.0	95.2	95.9	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 60	93.3	95.1	95.6	96.2	96.5	96.5	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 40	93.3	95.1	95.6	96.2	96.6	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 30	93.3	95.1	95.7	96.4	96.8	96.8	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 20	93.5	95.3	96.0	96.6	97.0	97.0	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 15	93.5	95.3	96.3	96.6	97.3	97.3	97.8	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 10	93.5	95.5	96.1	96.9	97.7	97.7	98.3	98.4	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 8	93.5	95.5	96.1	96.9	97.8	97.8	98.4	98.7	98.7	99.4	99.4	99.4	99.5	99.5	99.6	99.6
GE 6	93.5	95.5	96.1	96.9	97.8	97.8	98.4	98.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	99.7
GE 5	93.5	95.5	96.1	96.9	97.8	97.8	98.4	98.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	99.7
GE 4	93.5	95.5	96.1	96.9	97.8	97.8	98.4	98.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	99.7
GE 3	93.5	95.5	96.1	96.9	97.8	97.8	98.4	98.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	99.7
GE 2	93.5	95.5	96.1	96.9	97.8	97.8	98.4	98.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	99.7
GE 1	93.5	95.5	96.1	96.9	97.8	97.8	98.4	98.8	98.8	99.5	99.5	99.5	99.6	99.6	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 773

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 72466C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
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	71.4	71.4	71.4	71.4	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 20000	76.3	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	76.6	76.6
GE 18000	77.1	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	77.4
GE 16000	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 14000	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 12000	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	80.7	80.7
GE 10000	82.8	83.3	83.3	83.3	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 9000	82.9	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 8000	83.4	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 7000	83.4	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 6000	84.2	84.7	84.7	84.7	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 5000	86.0	86.5	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 4500	87.7	88.2	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 4000	89.8	91.3	91.5	91.5	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 3500	92.9	93.4	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3000	94.0	94.8	95.0	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2500	94.8	96.0	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2000	95.1	96.4	96.5	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	95.3	96.6	96.8	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500	95.3	96.8	96.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200	95.5	97.0	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1000	95.7	97.5	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	95.7	97.7	97.9	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
GE 800	95.7	97.8	98.1	98.2	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 700	95.9	97.9	98.3	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	96.0	98.1	98.4	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	96.2	98.3	99.1	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	96.2	98.3	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.2	98.3	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.2	98.3	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.2	98.3	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	96.2	98.3	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 773

GLOBAL CLIMATOLOGY BRANCH
USAF/CIAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
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	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 20000	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	67.7
GE 18000	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	68.2
GE 16000	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	68.8	68.8
GE 14000	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 12000	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	73.1	73.1
GE 10000	74.9	74.9	74.9	74.9	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	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	76.2	76.2
GE 8000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 7000	78.3	78.3	78.3	78.3	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 6000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 5000	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 4500	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 4000	93.6	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 3500	95.7	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 3000	96.5	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2500	97.2	97.6	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2000	97.2	97.9	98.0	98.2	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 1800	97.6	98.3	98.4	98.6	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 1500	97.8	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	97.8	98.6	98.7	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	98.2	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	98.2	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	98.2	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	98.2	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	98.2	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	98.2	99.1	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	98.2	99.1	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.2	99.1	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.2	99.1	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.2	99.1	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	98.2	99.1	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 762

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4		0
NO CEIL	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	48.4	
GE 20000	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	60.6	60.6	60.6
GE 18000	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 16000	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	61.4	61.4	61.4
GE 14000	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	63.1	63.1
GE 12000	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	66.5	66.5	66.5
GE 10000	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 9000	72.2	72.2	72.2	72.2	72.2	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	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 7000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 6000	78.8	79.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.6	79.0	79.0	79.0	79.0	79.0	79.0
GE 5000	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 4500	90.3	90.9	90.9	90.9	90.9	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 4000	94.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 3500	95.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3000	96.3	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	97.4	97.4	97.4
GE 2500	96.4	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2000	96.6	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	96.9	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	97.1	98.8	98.9	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	97.1	98.8	98.9	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	97.2	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	97.2	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	97.2	99.4	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	97.2	99.4	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.2	99.4	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.2	99.4	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.2	99.4	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.2	99.4	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.2	99.4	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.2	99.4	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	97.2	99.4	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 647

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
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	51.3	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	51.5	51.5
GE 20000	63.5	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 18000	63.8	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 16000	64.5	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 14000	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 12000	71.5	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 10000	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 9000	78.0	78.8	78.8	78.8	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 8000	79.5	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 7000	80.0	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 6000	83.8	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 5000	88.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 4500	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 4000	94.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 3500	95.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3000	96.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2500	96.5	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	98.3	98.3
GE 2000	96.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	96.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500	97.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1200	97.0	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	97.0	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	97.0	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	97.0	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	97.0	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.0	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.0	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.0	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.0	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.0	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.0	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	97.0	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 499

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
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	64.4	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	66.5
GE 20000	75.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 18000	75.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 16000	76.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 14000	76.8	79.0	79.0	79.0	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 12000	79.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 10000	81.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 9000	81.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 8000	83.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 7000	83.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 6000	86.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 5000	88.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 4500	90.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 4000	92.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 3500	93.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 3000	94.0	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	97.4	97.4
GE 2500	94.8	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	98.3	98.3
GE 2000	95.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	95.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	95.3	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	95.3	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	95.3	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	95.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	95.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	95.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	95.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	95.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	95.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 233

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87

MONTH: JUN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	62.0	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	62.2
GE 20000	69.5	69.9	69.9	69.9	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 16000	69.9	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 16000	70.4	70.8	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 14000	72.1	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 12000	74.6	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 10000	77.4	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 9000	78.3	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 8000	79.4	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 7000	79.8	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 6000	82.3	82.9	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	83.0
GE 5000	86.6	87.3	87.4	87.4	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 4500	89.4	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 4000	91.8	92.7	92.7	92.8	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 3500	93.3	94.2	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3000	94.3	95.3	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2500	95.0	96.1	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2000	95.3	96.6	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1800	95.5	96.8	96.9	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1500	95.6	97.1	97.3	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1200	95.7	97.4	97.5	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	96.0	97.8	98.0	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	96.0	97.9	98.2	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	96.0	98.0	98.2	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	96.1	98.0	98.3	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	96.1	98.1	98.4	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	96.2	98.2	98.6	98.8	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	96.2	98.2	98.6	98.9	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	96.2	98.2	98.6	98.9	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	96.2	98.2	98.6	98.9	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	96.2	98.2	98.6	98.9	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 0	96.2	98.2	98.6	98.9	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 3903

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	72.6	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	73.1
GE 20000	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 18000	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 16000	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 14000	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	80.7
GE 12000	83.0	83.5	83.5	83.5	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 10000	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 9000	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 8000	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 7000	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 6000	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 5000	92.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 4500	92.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 4000	93.4	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 3500	93.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 3000	93.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2500	93.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2000	93.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1800	93.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1500	93.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1200	93.9	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	93.9	95.3	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 900	93.9	95.3	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 800	93.9	95.3	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	93.9	95.3	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 600	93.9	96.2	96.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 500	93.9	96.2	97.2	97.2	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 400	93.9	96.7	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	93.9	96.7	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 200	93.9	97.2	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 100	93.9	97.2	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 0	93.9	97.2	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS: 212

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	77.5	77.5	77.5	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	77.6
GE 20000	81.3	81.6	81.8	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 18000	82.0	82.5	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 16000	82.4	82.9	82.9	83.1	83.2	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 14000	83.6	84.1	84.1	84.3	84.4	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 12000	85.9	86.4	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 10000	87.9	88.5	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 9000	89.6	90.1	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 8000	90.9	91.6	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 7500	91.2	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 6000	92.3	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 5000	92.8	93.5	93.5	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 4500	93.0	93.6	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 4000	93.2	93.9	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3500	93.5	94.2	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3000	93.8	94.6	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2500	94.3	95.1	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2000	94.6	95.4	95.4	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1800	94.6	95.4	95.4	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1500	94.7	95.8	95.8	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	94.7	96.1	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	94.7	96.2	96.6	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 900	94.7	96.5	96.9	97.2	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 800	95.0	96.9	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	95.0	97.4	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	95.0	97.4	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	95.0	97.6	98.2	98.5	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	95.0	97.6	98.2	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	95.0	97.6	98.2	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.6	99.6	99.6	99.7
GE 200	95.0	97.6	98.2	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.9
GE 100	95.0	97.6	98.2	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.9	99.9	99.9	99.9	100.0
GE 0	95.0	97.6	98.2	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 738

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	81.4	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 23000	85.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 18000	85.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 16000	86.2	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 14000	87.2	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 12000	89.3	90.0	90.0	90.0	90.0	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 10000	91.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 9000	92.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 8000	93.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 7000	93.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 6000	95.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 5000	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 4500	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 4000	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 3500	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 3000	96.5	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	97.4	97.4	97.4
GE 2500	96.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2000	97.2	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	97.2	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	97.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	97.8	98.8	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	97.8	98.8	99.1	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	98.0	99.1	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	98.0	99.1	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	98.0	99.1	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	98.0	99.1	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	98.0	99.1	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	98.0	99.1	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	98.0	99.1	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	98.0	99.1	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	98.0	99.1	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE J	98.0	99.1	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

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: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 20000	74.7	75.1	75.1	75.1	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 18000	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 16000	75.4	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	75.8
GE 14000	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 12000	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 10000	83.0	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 9000	84.4	85.2	85.2	85.2	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 8000	84.8	85.6	85.6	85.6	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 7000	84.9	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 6000	90.1	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 5000	95.2	96.2	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	96.3
GE 4500	96.5	97.4	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	97.6
GE 4000	97.8	98.6	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	98.9
GE 3500	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3000	98.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2500	98.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2000	98.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	98.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	98.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	98.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	98.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	98.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	98.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	98.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 735

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
10	6	5	4	3	2	1 1/2	1 1/2	1 1/4	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL	43.3	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	
GE 20000	55.4	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	
GE 18000	55.4	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	
GE 16000	56.0	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	56.5	
GE 14000	56.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	
GE 12000	63.1	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 10000	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	68.3	68.3	68.3	
GE 9000	69.5	70.0	70.0	70.0	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 8000	70.8	71.3	71.3	71.3	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	71.4	71.9	71.9	71.9	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 6000	79.4	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	
GE 5000	91.2	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	
GE 4500	93.6	94.3	94.5	94.5	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 4000	97.3	98.4	98.7	98.7	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 3500	97.3	98.4	98.7	98.7	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 3000	97.6	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
GE 2500	97.8	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
GE 2000	98.3	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE 1800	98.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1500	98.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1200	98.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 1000	98.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 900	98.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 800	98.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 700	98.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 600	98.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 500	98.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	98.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	98.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	98.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	98.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE	98.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 637

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
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	59.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 2000	62.1	62.3	62.3	62.3	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 1800	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	62.6
GE 1600	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	62.6
GE 1400	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	63.9	63.9
GE 1200	66.4	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	69.0	69.0
GE 1000	74.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 900	75.1	75.6	75.6	75.6	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 800	75.1	75.6	75.6	75.6	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 700	75.3	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	75.8
GE 600	83.7	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 500	92.6	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 450	92.9	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 400	95.9	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 350	96.4	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	96.7	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 250	96.7	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 200	96.9	98.5	98.5	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 180	96.9	98.5	98.5	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 160	96.9	98.5	98.5	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 150	96.9	98.5	98.5	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 140	96.9	98.5	98.5	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 130	97.2	98.7	98.7	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 120	97.2	98.7	99.0	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 110	97.2	98.7	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 100	97.2	98.7	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 90	97.2	98.7	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 80	97.2	98.7	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 70	97.2	98.7	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 60	97.2	98.7	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 50	97.2	98.7	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 40	97.2	98.7	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 30	97.2	98.7	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 20	97.2	98.7	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 10	97.2	98.7	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 343

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
MONTH: JUL POURS(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	62.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 20000	71.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 18000	71.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 16000	71.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 14000	73.2	74.2	74.2	74.2	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 12000	73.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 10000	85.0	86.4	86.4	86.4	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 9000	85.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 8000	85.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 7000	85.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 6000	93.6	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 5000	94.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 4500	94.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 4000	95.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 3500	95.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 3000	96.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2500	96.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	96.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	96.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	96.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	96.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	96.7	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	96.7	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	96.7	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	96.7	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	96.7	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	96.7	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	96.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	96.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 213

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	65.8	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 20000	73.6	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	74.1	74.1
GE 18000	73.8	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	74.3	74.3	74.3
GE 16000	74.1	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 14000	75.8	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 12000	78.0	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	79.5	79.5	79.5
GE 10000	82.6	83.2	83.2	83.2	83.3	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 9000	83.8	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 8000	84.6	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 7000	85.0	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 6000	89.1	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 5000	93.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 4500	94.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 4000	95.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 3500	96.1	97.2	97.2	97.3	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 3000	96.3	97.4	97.5	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	97.6
GE 2500	96.6	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2000	96.9	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	96.9	98.0	98.1	98.2	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 1500	96.9	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	97.0	98.3	98.5	98.6	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 1000	97.1	98.4	98.6	98.7	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	97.1	98.5	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	97.1	98.6	99.0	99.1	99.2	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	97.1	98.7	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	97.1	98.7	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	97.1	98.8	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	97.1	98.8	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 300	97.1	98.8	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	97.1	98.8	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0
GE 100	97.1	98.8	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 0	97.1	98.8	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 3605

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-86

MONTH: AUG HOURS(IST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	73.9	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	
GE 20000	77.0	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	77.9	
GE 18000	77.4	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	
GE 16000	77.9	78.8	78.8	78.8	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 14000	78.8	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	80.1	
GE 12000	81.4	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.7	
GE 10000	85.4	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.7	
GE 9000	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.2	
GE 8000	86.7	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	88.1	
GE 7000	86.7	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	88.1	
GE 6000	86.7	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	88.1	
GE 5000	86.7	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	88.1	
GE 4500	87.6	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.9	
GE 4000	88.5	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.8	
GE 3500	88.5	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.8	
GE 3000	88.9	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.3	
GE 2500	90.3	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.6	
GE 2000	90.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.0	
GE 1800	90.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.0	
GE 1500	91.6	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.9	
GE 1200	91.6	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.9	
GE 1000	92.0	93.4	93.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.2	
GE 900	92.5	93.8	93.8	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.7	
GE 800	92.9	94.2	94.2	94.2	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.6	
GE 700	92.9	94.2	94.7	94.7	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	96.3	
GE 600	92.9	94.2	95.1	95.6	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.9	
GE 500	92.9	94.2	95.1	95.6	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.9	
GE 400	93.4	94.7	95.6	96.0	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.8	
GE 300	93.4	94.7	95.6	96.0	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.8	
GE 200	93.4	94.7	95.6	96.0	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.8	
GE 100	93.4	94.7	96.0	96.5	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.2	98.2	100.0	
GE 0	93.4	94.7	96.0	96.5	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.2	98.2	98.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 226

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	73.7	73.9	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 2000	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 1800	78.3	78.5	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 1600	79.7	78.9	79.0	79.0	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 1400	80.0	80.3	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 1200	82.5	82.6	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 1000	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 900	86.0	86.2	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 800	87.5	87.7	87.8	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 700	87.5	87.7	87.8	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 600	87.5	87.7	87.8	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 500	88.5	88.7	88.8	88.8	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 400	89.3	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 300	90.6	90.8	90.9	90.9	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 200	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 100	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 2500	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 2000	92.8	93.3	93.5	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1800	92.8	93.3	93.5	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1600	93.2	93.7	93.9	94.2	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1400	93.3	93.8	94.0	94.3	94.4	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1000	93.5	94.2	94.7	94.9	95.0	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 900	93.7	94.4	94.9	95.2	95.3	95.4	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 800	93.7	94.4	94.9	95.2	95.3	95.4	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 700	93.7	94.8	95.3	95.5	95.7	95.9	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 600	93.7	94.9	95.5	95.8	96.0	96.3	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 500	93.7	95.2	96.0	96.4	96.7	96.9	97.1	97.3	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.8
GE 400	93.7	95.2	96.0	96.5	96.8	97.1	97.5	97.9	97.9	98.3	98.3	98.3	98.4	98.4	98.4	98.5
GE 300	93.7	95.2	96.0	96.5	96.9	97.3	97.9	98.3	98.3	98.6	98.6	98.6	98.8	98.8	98.9	99.0
GE 200	93.7	95.2	96.0	96.5	96.9	97.4	98.0	98.4	98.4	98.8	98.8	99.0	99.0	99.3	99.3	99.9
GE 100	93.7	95.2	96.0	96.5	96.9	97.4	98.0	98.4	98.4	98.8	99.0	99.0	99.3	99.3	99.8	100.0
GE 0	93.7	95.2	96.0	96.5	96.9	97.4	98.0	98.4	98.4	98.8	99.0	99.0	99.3	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 806

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 20000	82.3	82.7	82.7	82.7	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 18000	82.7	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	83.0	83.0
GE 16000	82.7	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	83.0	83.0
GE 14000	83.4	83.8	83.8	83.8	83.8	83.8	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 12000	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 10000	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 9000	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 8000	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 7000	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 6000	88.7	89.1	89.1	89.1	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 5000	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 4500	89.9	90.2	90.2	90.2	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 4000	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3500	91.6	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 3000	92.1	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2500	92.5	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2000	92.9	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1800	93.4	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1500	94.1	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	94.8	96.7	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500	95.4	97.5	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	95.4	97.5	98.0	98.0	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 800	95.4	97.5	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	95.4	97.5	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	95.4	97.5	98.3	98.3	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	95.4	97.6	98.4	98.4	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	95.4	97.8	98.5	98.5	99.1	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	95.4	97.8	98.5	98.5	99.3	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	95.4	97.8	98.5	98.5	99.3	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.4	97.8	98.5	98.5	99.3	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	95.4	97.8	98.5	98.5	99.3	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	62.3	62.3	62.3	62.3	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 20000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 18000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 16000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 14000	76.4	76.4	76.4	76.4	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 12000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 10000	83.5	83.5	83.5	83.5	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 9000	84.9	84.9	84.9	84.9	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 8000	85.2	85.2	85.2	85.2	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 7000	85.2	85.2	85.2	85.2	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 6000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 5000	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 4500	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 4000	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 3500	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 3000	95.3	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2500	95.9	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2000	96.1	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	96.3	97.1	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500	97.0	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	97.2	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	97.2	98.5	98.7	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	97.2	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	97.2	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	97.2	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	97.2	98.6	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	97.2	98.6	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	97.2	98.7	99.1	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.2	98.7	99.1	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.2	98.7	99.1	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.2	98.7	99.1	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE CL	97.2	98.7	99.1	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 788

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 20000	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	54.6	54.6	54.6	54.6
GE 18000	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 16000	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 14000	58.3	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 12000	63.6	63.8	63.8	63.8	63.8	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 10000	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 9000	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 8000	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 7000	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 6000	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 5000	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 4500	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 4000	93.2	93.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 3500	94.3	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 3000	96.5	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2500	96.7	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2000	96.7	97.2	97.5	97.7	97.7	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800	96.8	97.4	97.7	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	97.5	98.1	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	97.5	98.1	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	97.5	98.1	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	97.7	98.4	98.7	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	97.7	98.4	98.7	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	97.7	98.6	98.8	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	97.7	98.7	99.0	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	97.7	98.7	99.0	99.1	99.1	99.1	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	97.7	98.7	99.0	99.1	99.1	99.1	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.7	98.7	99.0	99.1	99.1	99.1	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.7	98.7	99.0	99.1	99.1	99.1	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.7	98.7	99.0	99.1	99.1	99.1	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	97.7	98.7	99.0	99.1	99.1	99.1	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 690

GLOJAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 20000	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	53.8	53.8
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	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	56.7
GE 12000	63.1	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 10000	72.0	72.4	72.4	72.4	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 9000	72.7	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	73.1
GE 8000	73.3	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 7000	73.3	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 6000	78.8	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 5000	90.0	91.8	91.8	91.8	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 4500	93.0	91.8	91.8	91.8	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 4000	92.7	94.5	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 3500	93.8	95.7	95.9	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 3000	95.0	97.0	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2500	95.0	97.0	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2000	95.0	97.0	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1800	95.0	97.0	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1500	95.2	97.3	97.5	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1200	95.2	97.3	97.7	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	95.4	97.7	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	95.7	97.9	98.4	98.4	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 800	95.7	97.9	98.4	98.4	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 700	95.7	97.9	98.4	98.4	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 600	95.7	97.9	98.4	98.4	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 500	95.9	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.9	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.9	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.9	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.9	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	95.9	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO. CEIL	59.7	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 20000	64.0	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	64.8	64.8
GE 18000	65.2	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 16000	65.2	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 14000	66.8	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 12000	71.1	71.9	71.9	71.9	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 10000	77.9	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	78.7
GE 9000	79.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 8000	79.4	80.6	80.6	80.6	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 7000	79.4	80.6	80.6	80.6	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 6000	84.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 5000	92.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 4500	92.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 4000	94.5	96.8	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 3500	94.9	97.2	97.2	97.2	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 3000	95.3	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2500	95.7	98.0	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2000	95.7	98.0	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1800	95.7	98.0	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1500	95.7	98.0	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	95.7	98.0	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	96.0	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	96.0	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	96.0	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	96.0	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	96.0	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	96.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	96.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	96.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	96.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	96.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 50	96.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 253

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO-CEIL	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 20000	70.6	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	70.9
GE 18000	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 16000	71.1	71.3	71.4	71.4	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 14000	72.8	73.0	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 12000	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5
GE 10000	80.9	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 9000	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2
GE 8000	82.7	83.0	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 7000	82.7	83.0	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 6000	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6
GE 5000	89.8	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 4500	90.4	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 4000	92.0	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 3500	92.6	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 3000	93.6	94.4	94.6	94.6	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	94.1	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2000	94.4	95.5	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1800	94.6	95.6	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1500	95.1	96.3	96.5	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1200	95.4	96.5	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	95.6	97.0	97.3	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	95.7	97.2	97.5	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 800	95.7	97.2	97.5	97.6	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	95.7	97.3	97.7	97.8	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	95.7	97.3	97.8	98.0	98.3	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	95.8	97.5	98.1	98.3	98.6	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2
GE 400	95.8	97.6	98.2	98.4	98.8	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 300	95.8	97.6	98.2	98.4	98.9	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7
GE 200	95.8	97.6	98.2	98.4	98.9	99.0	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.9
GE 100	95.8	97.6	98.2	98.5	98.9	99.0	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.9	100.0
GE 01	95.6	97.6	98.2	98.5	98.9	99.0	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 4010

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING		VISIBILITY IN STATUTE MILES																	
IN FEET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	1	72.9	73.9	73.9	73.9	73.9	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 20000	75.9	76.8	76.8	76.8	76.8	76.8	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 18000	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
GE 16000	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
GE 14000	77.8	78.8	78.8	78.8	78.8	78.8	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 12000	81.3	82.3	82.3	82.3	82.3	82.3	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 10000	84.2	85.2	85.2	85.2	85.2	85.2	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 9000	85.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	
GE 8000	85.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	
GE 7000	85.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	
GE 6000	86.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	
GE 5000	87.2	88.2	88.2	88.2	88.2	88.2	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 4500	87.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	
GE 4000	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	89.2	89.2	89.2	89.2	89.2	
GE 3500	90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	
GE 3000	91.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	
GE 2500	92.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
GE 2000	93.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	
GE 1800	93.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	
GE 1500	93.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
GE 1200	93.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
GE 1000	93.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
GE 900	93.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	
GE 800	93.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	
GE 700	93.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	
GE 600	94.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
GE 500	94.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
GE 400	94.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
GE 300	94.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
GE 200	94.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
GE 100	94.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
GE 0	94.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	

TOTAL NUMBER OF OBSERVATIONS: 203

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 774680 STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	71.7	72.4	72.4	72.4	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 20000	76.1	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 18000	76.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 16000	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	77.9	77.9	77.9
GE 14000	78.8	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 12000	82.0	82.9	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 10000	83.8	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	84.9	84.9
GE 9000	84.5	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8
GE 8000	85.1	86.1	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5
GE 7000	85.6	86.5	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9
GE 6000	86.2	87.2	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
GE 5000	87.6	88.6	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0
GE 4500	87.8	88.7	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1
GE 4000	89.0	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.4	90.4	90.4	90.4
GE 3500	89.4	90.5	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9
GE 3000	90.2	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.9	91.9	91.9	91.9
GE 2500	90.2	91.6	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0
GE 2000	90.8	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8
GE 1800	90.8	92.4	92.6	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
GE 1600	91.7	92.8	93.0	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.7	93.7
GE 1400	91.3	93.0	93.1	93.3	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	94.1	94.1
GE 1000	91.5	93.4	93.5	93.8	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.6	94.6
GE 900	91.5	93.7	93.8	94.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.9	94.9
GE 800	91.5	93.9	94.2	94.5	94.8	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.5	95.5
GE 700	91.5	94.1	94.4	94.6	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.5	95.5	95.6	95.9
GE 600	91.5	94.1	94.6	94.9	95.3	95.6	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.1	96.4
GE 500	91.5	94.5	95.0	95.6	96.0	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	97.0	97.2
GE 400	91.5	94.5	95.3	95.6	96.1	96.4	97.1	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.9	98.2
GE 300	91.5	94.5	95.0	95.6	96.1	96.4	97.1	97.7	97.7	97.8	97.8	97.9	98.1	98.1	98.2	98.5
GE 200	91.5	94.5	95.0	95.6	96.1	96.4	97.1	97.8	97.8	98.2	98.5	98.5	99.0	99.0	99.2	99.6
GE 100	91.5	94.5	95.0	95.6	96.1	96.4	97.1	97.8	97.8	98.2	98.6	98.6	99.2	99.2	99.4	100.0
GE 0	91.5	94.5	95.0	95.6	96.1	96.4	97.1	97.8	97.8	98.2	98.6	98.6	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 777

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	GL	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	73.5	73.5	73.5	73.5	73.5	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 2000	78.2	78.2	78.2	78.2	78.2	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 1800	78.3	78.3	78.3	78.3	78.3	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 1600	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	
GE 1400	80.0	80.0	80.0	80.0	80.0	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 1200	82.2	82.4	82.4	82.4	82.4	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 1000	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	
GE 900	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	
GE 800	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	
GE 700	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	
GE 600	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	
GE 500	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	
GE 400	89.7	90.0	90.0	90.0	90.0	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 300	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	
GE 250	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	
GE 200	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	
GE 150	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	
GE 100	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	
GE 50	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	
GE 0	93.3	93.8	93.8	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
GE 0	93.7	94.4	94.4	94.5	94.5	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
GE 0	93.8	95.6	95.6	95.9	95.9	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	
GE 0	94.1	95.9	95.9	96.2	96.2	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 0	94.4	96.7	96.7	97.0	97.1	97.3	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 0	94.4	96.7	96.7	97.4	97.5	97.7	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 0	94.4	96.7	96.7	97.4	97.5	97.7	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 0	94.4	96.7	96.8	97.7	97.9	98.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 0	94.4	96.7	96.8	97.7	97.9	98.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
GE 0	94.4	96.7	96.8	97.8	98.2	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5			

TOTAL NUMBER OF OBSERVATIONS: 729

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	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	69.7
GE 20000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 18000	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	77.6	77.6	77.6
GE 16000	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 14000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 12000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 10000	84.3	84.3	84.3	84.3	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 9000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 8000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 7000	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 6000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 5000	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	90.7	90.7	90.7
GE 4500	91.5	91.7	91.7	91.7	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 4000	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 3500	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 3000	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2500	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2000	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1800	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1500	96.0	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1200	96.1	96.4	96.5	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1000	96.7	97.1	97.2	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 900	96.7	97.1	97.2	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	96.7	97.1	97.2	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 700	96.7	97.1	97.2	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 600	96.7	97.1	97.2	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 500	96.7	97.4	97.5	98.1	98.5	98.6	98.6	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	96.7	97.4	97.5	98.1	99.0	99.2	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	96.7	97.4	97.5	98.1	99.0	99.2	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	96.7	97.4	97.5	98.1	99.0	99.2	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	96.7	97.4	97.5	98.1	99.0	99.2	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	96.7	97.4	97.5	98.1	99.0	99.2	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 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	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 20000	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	73.1	73.1
GE 18000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 16000	73.9	73.9	73.9	73.9	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	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	76.2	76.2
GE 12000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 10000	83.5	83.5	83.5	83.5	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 9000	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 8000	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 7000	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 6000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 5000	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 4500	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 4000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3500	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 3000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2500	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	96.3	96.3	96.3
GE 2000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1500	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1200	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	97.0	97.3	97.3	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 900	97.3	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	97.3	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	97.3	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 600	97.3	97.6	97.6	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	97.3	97.8	97.8	98.1	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	97.3	97.8	97.8	98.1	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	97.3	97.8	97.8	98.1	98.9	99.0	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	97.3	97.8	97.8	98.1	98.9	99.0	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	97.3	97.8	97.8	98.1	98.9	99.0	99.4	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	97.3	97.8	97.8	98.1	98.9	99.0	99.4	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 625

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/DUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	CE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	70.2	70.2	70.2	70.2	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 20000	75.3	75.3	75.3	75.3	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 18000	75.3	75.3	75.3	75.3	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 16000	75.3	75.3	75.3	75.3	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 14000	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	75.8	75.8
GE 12000	83.2	83.2	83.2	83.2	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 10000	84.3	84.3	84.3	84.3	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 9000	84.3	84.3	84.3	84.3	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 8000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 7000	85.9	85.9	85.9	85.9	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 6000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 5000	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 4500	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 4000	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 3500	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 3000	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2500	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2000	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1800	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1500	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	97.3	98.1	98.4	98.4	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 900	97.3	98.1	98.4	98.4	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 800	97.3	98.4	98.7	98.7	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 700	97.3	98.4	98.7	98.7	98.9	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	97.3	98.4	98.7	98.7	98.9	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	97.3	98.4	98.7	98.7	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	97.3	98.4	98.7	98.7	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	97.3	98.4	98.7	98.7	99.2	99.2	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.3	98.4	98.7	98.7	99.2	99.2	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.3	98.4	98.7	98.7	99.2	99.2	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	97.3	98.4	98.7	98.7	99.2	99.2	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 376

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 72466C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	71.4	71.4	71.4	71.4	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 20000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 16000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 14000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 12000	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	76.6	76.6	76.6
GE 10000	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 8000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 6000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 4000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 2000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 6000	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 5000	91.7	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 4500	92.2	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 4000	94.8	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3500	94.8	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3000	95.3	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 2500	95.8	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2000	96.4	96.9	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	97.4
GE 1800	96.4	96.9	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	97.4
GE 1500	96.9	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1200	96.9	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	96.9	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	96.9	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	96.9	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	96.9	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	96.9	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	96.9	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	96.9	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	96.9	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	96.9	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 100	96.9	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 0	96.9	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS: 192

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-86

MONTH: SEP HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11	12	13	14
NO CEIL	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	70.2	70.2	70.2
GE 20000	76.1	76.4	76.4	76.4	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 18000	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 16000	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 14000	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 12000	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 10000	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 9000	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2
GE 8000	85.7	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 7000	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 6000	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5
GE 5000	89.8	90.2	90.2	90.2	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 4500	90.4	90.8	90.9	90.9	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 4000	92.0	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3500	92.7	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3
GE 3000	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9
GE 2500	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4
GE 2000	94.3	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1800	94.3	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1600	94.6	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7
GE 1400	94.8	95.5	95.6	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1
GE 1000	95.0	96.1	96.2	96.4	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	95.1	96.3	96.4	96.6	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 800	95.2	96.6	96.7	96.9	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4
GE 700	95.2	96.6	96.8	97.1	97.2	97.3	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.8
GE 600	95.2	96.7	96.9	97.2	97.4	97.5	97.5	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	98.0
GE 500	95.2	96.8	97.1	97.5	97.8	98.0	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6
GE 400	95.2	96.8	97.1	97.5	98.1	98.3	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1
GE 300	95.2	96.8	97.1	97.6	98.2	98.3	98.7	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.4
GE 200	95.2	96.8	97.1	97.6	98.2	98.3	98.8	99.1	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.7
GE 100	95.2	96.8	97.1	97.6	98.2	98.3	98.8	99.1	99.1	99.4	99.5	99.5	99.7	99.7	99.8	100.0
GE 1	95.2	96.8	97.1	97.6	98.2	98.3	98.8	99.1	99.1	99.4	99.5	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 3571

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	71.3	72.9	73.5	73.5	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 20000	72.9	74.6	75.1	75.1	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 18000	73.5	75.1	75.7	75.7	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 16000	74.0	75.7	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 14000	75.1	76.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 12000	75.7	77.3	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 10000	78.5	80.1	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 9000	78.5	80.1	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 8000	78.5	80.1	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 7000	78.5	80.1	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 6000	79.0	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 5500	79.6	81.2	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 4500	79.6	81.8	82.3	82.3	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 4000	81.2	83.4	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 3500	81.8	84.5	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3000	82.9	85.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 2500	84.0	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 2000	84.0	87.8	88.4	88.4	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 1800	84.0	87.8	88.4	88.4	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	84.5	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1200	85.1	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1000	85.6	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 900	85.6	90.6	91.7	91.7	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 800	85.6	91.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 700	85.6	91.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 600	86.2	91.7	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 500	86.2	92.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.5	94.5	94.5
GE 400	86.2	92.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.5	94.5	95.0
GE 300	86.2	92.3	93.9	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.6	95.6	96.1
GE 200	86.2	92.3	93.9	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.6	95.6	95.6	96.1	97.8
GE 100	86.2	92.3	94.5	95.0	95.6	95.6	95.6	95.6	95.6	95.6	96.1	96.1	96.7	97.2	97.8	100.0
GE J	86.2	92.3	94.5	95.0	95.6	95.6	95.6	95.6	95.6	95.6	96.1	96.1	96.7	97.2	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 101

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	65.3	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 20000	72.4	72.6	72.6	72.8	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 18000	73.0	73.3	73.3	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 16000	73.4	73.7	73.7	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 14000	75.5	75.7	75.7	75.9	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 12000	77.5	77.8	77.8	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 10000	79.4	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 9000	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 8000	81.0	81.3	81.3	81.4	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	81.3	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 6000	82.9	83.1	83.1	83.2	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 5000	83.3	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.9
GE 4500	83.3	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.9
GE 4000	84.4	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1
GE 3500	85.4	85.6	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0
GE 3000	86.2	86.7	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.3
GE 2500	86.7	87.5	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.1
GE 2000	87.3	88.2	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.8
GE 1800	87.3	88.5	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0
GE 1500	87.4	88.6	88.8	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4
GE 1200	88.2	89.4	89.6	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2
GE 1000	88.9	90.5	90.8	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.5	91.6
GE 900	89.0	90.8	91.3	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.1
GE 800	89.4	91.3	91.9	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.7
GE 700	89.4	91.3	91.9	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.7	92.7	92.8
GE 600	89.8	92.3	93.1	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.2
GE 500	89.8	92.3	93.1	93.4	94.3	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.7	94.9	94.9	95.0
GE 400	89.8	92.4	93.2	93.6	94.9	95.0	95.4	95.4	95.4	95.5	95.7	95.7	96.1	96.2	96.2	96.6
GE 300	90.0	92.5	93.4	93.8	95.3	95.5	96.1	96.1	96.1	96.3	96.5	96.6	97.0	97.3	97.3	97.8
GE 200	90.0	92.5	93.4	93.8	95.3	95.5	96.2	96.2	96.2	96.5	96.6	96.7	97.4	97.7	98.0	98.9
GE 100	92.0	92.5	93.4	93.8	95.4	95.7	96.3	96.3	96.3	96.7	96.9	97.0	97.7	98.0	98.4	100.0
GE 0	97.0	92.5	93.4	93.8	95.4	95.7	96.3	96.3	96.3	96.7	96.9	97.0	97.7	98.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 738

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		69.1	68.2	68.3	68.3	68.3	66.3	68.3	63.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 20000		76.6	76.7	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 18000		77.0	77.1	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 16000		78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 14000		81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 12000		82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 10000		84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 9000		84.6	84.7	84.8	84.8	84.8	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 8000		85.7	85.8	85.9	85.9	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 7000		86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 6000		86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 5000		87.3	87.6	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4500		87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 4000		88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 3500		89.4	89.7	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 3000		90.5	91.1	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2500		90.5	91.1	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2000		91.1	91.6	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1900		91.1	91.6	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1500		91.6	92.3	92.7	92.7	92.7	92.8	93.0	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1200		91.7	92.4	93.0	93.0	93.1	93.2	93.2	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1000		92.7	94.3	94.7	95.0	95.3	95.4	95.4	95.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 900		92.8	94.3	95.0	95.3	95.5	95.7	95.7	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 800		92.8	94.3	95.0	95.4	95.7	95.8	95.8	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 700		93.0	94.7	95.4	95.8	96.2	96.3	96.3	96.6	96.8	97.2	97.2	97.3	97.4	97.4	97.4	97.4
GE 600		93.1	94.9	95.9	96.5	97.0	97.2	97.2	97.4	97.6	98.0	98.0	98.1	98.2	98.2	98.2	98.2
GE 500		93.2	95.0	96.1	96.6	97.1	97.4	97.4	97.7	97.8	98.2	98.2	98.4	98.5	98.5	98.5	98.5
GE 400		93.2	95.1	96.2	96.8	97.4	97.6	97.6	97.8	98.0	98.5	98.5	98.8	98.9	98.9	98.9	98.9
GE 300		93.2	95.1	96.2	96.8	97.6	97.7	97.7	98.0	98.2	98.4	98.9	99.2	99.5	99.6	99.6	99.6
GE 200		93.2	95.1	96.2	96.8	97.6	97.7	97.7	98.0	98.2	98.4	98.9	99.2	99.5	99.7	99.7	99.7
GE 100		93.2	95.1	96.2	96.8	97.6	97.7	97.7	98.0	98.2	98.4	98.9	99.2	99.5	99.7	100.0	100.0
GE 0		93.2	95.1	96.2	96.8	97.6	97.7	97.7	98.0	98.2	98.4	98.9	99.2	99.5	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 739

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 724660 STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	67.4	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 20000	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 18000	76.2	76.5	76.5	76.5	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 16000	76.3	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	76.6	76.6
GE 14000	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 12000	81.3	81.5	81.5	81.5	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 10000	84.0	84.3	84.3	84.3	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 9000	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 8000	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 7000	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 6000	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 5000	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 4500	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 4000	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 3500	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 3000	93.2	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2500	93.6	94.7	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2000	93.7	94.8	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	93.8	94.9	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1500	93.8	95.5	95.9	95.9	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 1200	93.8	95.6	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	94.3	96.6	97.3	97.4	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	94.3	96.6	97.3	97.4	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 800	94.3	97.1	97.6	98.1	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	94.3	97.1	97.8	98.1	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	94.3	97.3	97.9	98.2	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	94.3	97.3	97.9	98.2	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	94.3	97.3	97.9	98.2	98.9	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	94.3	97.3	97.9	98.2	99.2	99.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	94.3	97.3	97.9	98.2	99.2	99.2	99.3	99.3	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0
GE 100	94.3	97.3	97.9	98.2	99.2	99.2	99.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0
GE 0	94.3	97.3	97.9	98.2	99.2	99.2	99.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 731

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72466C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-86

MONTH: OCT

HOURS(LST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	1	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	67.0	67.0	
GE 20000	1	75.1	75.1	75.1	75.1	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 18000	1	75.1	75.1	75.1	75.1	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 16000	1	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	75.4	75.4	
GE 14000	1	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	
GE 12000	1	80.0	80.0	80.0	80.0	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 10000	1	81.9	81.9	81.9	81.9	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 9000	1	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	
GE 8000	1	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	
GE 7000	1	84.1	84.3	84.3	84.3	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 6000	1	85.7	85.9	85.9	85.9	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 5000	1	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
GE 4500	1	89.7	90.0	90.2	90.2	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 4000	1	92.1	92.4	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	
GE 3500	1	93.7	94.3	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	
GE 3000	1	93.8	94.6	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
GE 2500	1	94.0	94.9	95.4	95.9	96.0	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
GE 2000	1	94.3	95.4	96.0	96.5	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	
GE 1800	1	94.3	95.4	96.0	96.5	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	
GE 1500	1	94.8	95.9	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
GE 1200	1	95.2	96.3	97.0	97.5	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
GE 1000	1	95.2	96.3	97.0	97.5	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
GE 900	1	95.4	96.5	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
GE 800	1	95.4	96.5	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
GE 700	1	95.6	96.7	97.3	97.8	97.9	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 600	1	95.6	96.7	97.3	97.9	98.3	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 500	1	95.6	96.7	97.3	97.9	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9	
GE 400	1	95.6	96.7	97.3	97.9	98.9	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7	
GE 300	1	95.6	96.7	97.3	97.9	98.9	99.0	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	
GE 200	1	95.6	96.7	97.3	97.9	98.9	99.0	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	
GE 100	1	95.6	96.7	97.3	97.9	98.9	99.0	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	
GE 0	1	95.6	96.7	97.3	97.9	98.9	99.0	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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	73.4	73.7	73.7	73.7	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 20000	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 18000	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 16000	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 14000	83.2	83.5	83.5	83.5	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 12000	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 10000	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 9000	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 8000	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 7000	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 6000	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 5000	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 4500	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 4000	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 3500	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3000	94.9	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2500	95.2	96.0	96.0	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	95.2	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1800	95.2	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500	96.0	97.3	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1200	96.3	97.9	97.9	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	96.5	98.1	98.1	98.7	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	97.1	98.9	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	97.1	98.9	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	97.1	98.9	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	97.1	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.1	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.1	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.1	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.1	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.1	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	97.1	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 376

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO.

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	71.9	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	72.9	72.9
GE 20000	78.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 18000	78.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 16000	79.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 14000	82.3	83.3	83.3	83.3	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 12000	85.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 10000	87.2	88.2	88.2	88.2	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 9000	87.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 8000	89.2	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 7000	89.2	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 6000	89.2	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 5000	91.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 4500	92.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 4000	93.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3500	94.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 3000	94.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	95.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2000	96.1	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1800	96.1	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	96.6	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1200	96.6	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1000	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	97.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	97.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	97.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	97.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	97.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	97.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	97.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0
GE 100	97.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0
GE 31	97.5	98.5	98.5	98.5	98.5	98.5	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 203

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468E STATION NAME: FT CARSON/BUTTS AAF CO

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
NO CEIL	68.1	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 20000	75.7	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 18000	76.0	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	76.4
GE 16000	76.5	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 14000	79.2	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 12000	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 10000	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 9000	83.5	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	83.9
GE 8000	84.5	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 7000	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 6000	85.6	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 5000	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4500	87.9	88.3	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 4000	89.3	89.7	89.8	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 3500	90.4	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3000	91.0	91.7	92.0	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2500	91.4	92.3	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9
GE 2000	91.7	92.9	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1800	91.8	92.9	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6
GE 1500	92.1	93.4	93.6	93.9	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
GE 1200	92.5	93.9	94.2	94.4	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
GE 1000	93.0	94.7	95.2	95.5	95.7	95.7	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0
GE 900	93.1	94.9	95.5	95.6	96.0	96.1	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 800	93.2	95.2	95.6	96.1	96.4	96.4	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.7	96.7
GE 700	93.3	95.3	95.9	96.2	96.5	96.5	96.6	96.6	96.6	96.8	96.8	96.8	96.9	96.9	96.9
GE 600	93.4	95.6	96.4	96.7	97.1	97.1	97.2	97.2	97.3	97.4	97.4	97.5	97.5	97.6	97.6
GE 500	93.4	95.7	96.4	96.6	97.4	97.4	97.5	97.6	97.6	97.7	97.7	97.8	97.9	97.9	97.9
GE 450	93.4	95.7	96.5	96.9	97.6	97.7	97.8	97.9	97.9	98.1	98.2	98.2	98.4	98.4	98.6
GE 400	93.5	95.6	96.5	96.9	97.8	97.9	98.2	98.3	98.4	98.6	98.7	98.8	99.0	99.1	99.2
GE 300	93.5	95.8	96.5	96.9	97.8	97.9	98.2	98.3	98.4	98.6	98.8	98.9	99.2	99.3	99.6
GE 200	93.5	95.8	96.5	97.0	97.9	98.0	98.3	98.4	98.4	98.8	98.9	99.0	99.3	99.4	100.0
GE 100	93.5	95.8	96.5	97.0	97.9	98.0	98.3	98.4	98.4	98.8	98.9	99.0	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 3598

GLC 400 METEOROLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72466E STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 25000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 18000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 16000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 14000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 91000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 1

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 72468E STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	1 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	64.0	64.5	64.5	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 20000	70.0	70.5	70.5	70.7	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 18000	70.7	71.2	71.2	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 16000	71.2	71.7	71.7	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 14000	72.5	73.0	73.0	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 12000	76.6	77.1	77.1	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 10000	80.5	81.0	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 9000	80.5	81.0	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 8000	82.0	82.5	82.5	82.7	82.7	82.7	82.8	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 7000	82.7	83.1	83.1	83.3	83.3	83.3	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 6000	83.3	83.8	83.8	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 5000	83.6	84.1	84.1	84.3	84.3	84.3	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4500	84.0	84.5	84.5	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4000	84.6	85.1	85.1	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 3500	85.1	85.6	85.6	85.8	85.8	85.8	85.9	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 3000	85.3	86.1	86.1	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 2500	85.6	86.7	86.7	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2000	86.3	87.4	87.4	87.7	87.9	87.9	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1800	86.3	87.4	87.4	87.7	87.9	87.9	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1500	86.7	88.4	88.4	88.5	88.7	88.9	88.9	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1200	86.7	88.4	88.4	88.9	89.0	89.2	89.2	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1000	87.9	89.5	89.5	90.0	90.2	90.3	90.3	90.5	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 900	88.2	90.0	90.0	90.7	90.8	90.8	91.0	91.0	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 800	88.7	90.7	90.7	91.3	91.5	91.7	91.7	91.8	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 700	88.9	91.0	91.0	91.8	92.0	92.1	92.1	92.8	93.3	93.3	93.6	93.8	93.8	93.8	93.8	93.8	93.8
GE 600	88.9	91.0	91.0	91.8	92.0	92.1	92.1	92.8	93.3	93.3	93.6	93.8	93.8	93.8	93.8	93.8	93.8
GE 500	88.9	91.0	91.0	91.8	92.0	92.1	92.3	93.1	93.6	93.6	94.1	94.4	94.9	94.9	94.9	94.9	94.9
GE 400	88.9	91.0	91.0	91.8	92.0	92.1	92.3	93.3	93.8	94.1	94.9	95.1	95.1	95.1	95.3	95.3	95.3
GE 300	88.9	91.0	91.0	91.8	92.0	92.1	92.3	93.3	93.8	94.1	94.9	95.3	95.3	95.3	95.4	95.7	95.9
GE 200	88.9	91.0	91.0	91.8	92.0	92.5	92.6	93.6	94.1	94.4	95.3	95.9	95.9	96.2	96.7	97.7	98.0
GE 100	88.9	91.0	91.0	91.8	92.0	92.5	92.6	93.6	94.1	94.4	95.3	96.1	96.1	96.9	97.4	98.5	99.3
GE 0	88.9	91.0	91.0	92.0	92.5	92.6	93.6	94.1	94.4	95.3	96.1	96.1	96.9	97.4	98.5	100.0	

TOTAL NUMBER OF OBSERVATIONS: 611

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 7246BC STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 2000	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 1800	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 1600	74.7	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 1400	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 1200	78.7	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 1000	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 900	83.4	83.7	83.9	83.9	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 800	84.6	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 700	84.6	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 600	85.4	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 500	85.7	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 400	85.9	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 300	86.3	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 250	86.5	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 200	87.0	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 150	87.4	88.8	89.1	89.1	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 100	88.0	89.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 80	88.2	90.1	90.7	90.7	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 60	88.7	90.8	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 40	89.0	91.1	91.8	92.2	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 30	89.4	91.6	92.2	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 20	89.8	91.9	92.5	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 10	89.8	91.9	92.5	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 5	89.8	91.9	92.5	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 0	89.8	91.9	92.5	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 500	89.9	92.2	93.0	94.3	94.9	94.9	95.2	95.2	95.3	95.5	96.0	96.0	96.0	96.0	96.0	96.0
GE 400	89.9	92.2	93.0	94.3	94.9	94.9	95.2	95.5	95.7	96.0	96.6	96.6	96.6	96.7	96.9	97.0
GE 300	89.9	92.2	93.0	94.3	95.0	95.0	95.5	95.8	96.0	96.6	97.2	97.2	97.2	97.7	97.8	98.0
GE 200	89.9	92.2	93.0	94.4	95.2	95.2	95.7	96.1	96.3	97.2	98.1	98.1	98.1	99.2	99.5	100.0
GE 100	89.9	92.2	93.0	94.4	95.2	95.2	95.7	96.1	96.3	97.2	98.1	98.1	98.1	99.2	99.5	100.0
GE 0	89.9	92.2	93.0	94.4	95.2	95.2	95.7	96.1	96.3	97.2	98.1	98.1	98.1	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 644

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

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

CEILING	VISIBILITY IN STATUTE MILES.																	
	IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1	65.4	65.7	65.6	65.8	65.3	65.8	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 2300	1	74.3	74.8	74.9	74.9	74.9	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 1800	1	74.9	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 1600	1	76.0	76.5	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	76.6	76.6
GE 1400	1	79.6	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 1200	1	80.9	81.3	81.5	81.5	81.5	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 1000	1	82.3	82.9	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	83.1
GE 900	1	82.6	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 800	1	84.2	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 700	1	84.2	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 600	1	85.0	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 500	1	86.5	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 450	1	86.5	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 400	1	88.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 350	1	88.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 300	1	90.1	91.1	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 250	1	90.6	91.5	91.7	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 200	1	90.9	92.2	92.3	92.5	92.9	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 180	1	90.9	92.2	92.3	92.5	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 150	1	91.1	92.5	92.6	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 120	1	91.5	92.9	93.3	93.7	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0	95.0	95.0	95.0
GE 100	1	91.5	92.9	93.4	93.9	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1
GE 70	1	91.5	92.9	93.4	94.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.5	95.5	95.5	95.5
GE 60	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
GE 50	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 40	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 30	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 20	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 10	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 5	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8
GE 0	1	91.5	92.9	93.4	94.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.8	95.8	95.8	

TOTAL NUMBER OF OBSERVATIONS: 638

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	
GE 20000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	
GE 18000	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	73.2	73.2	73.2	
GE 16000	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	74.1	74.1	74.1	
GE 14000	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	78.1	78.1	78.1	
GE 12000	80.3	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	
GE 10000	82.6	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	
GE 9000	82.6	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	
GE 8000	83.7	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	
GE 7000	84.3	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	
GE 6000	87.0	87.3	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	
GE 5000	88.2	88.5	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
GE 4500	88.2	88.5	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
GE 4000	89.2	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	
GE 3500	89.6	90.4	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	90.8	90.8	
GE 3200	90.6	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	
GE 2500	91.1	92.2	92.5	92.7	92.7	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	
GE 2000	92.3	93.4	93.7	94.1	94.1	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
GE 1800	92.3	93.4	93.7	94.1	94.1	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
GE 1500	92.3	93.4	93.7	94.1	94.1	94.1	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	
GE 1200	92.3	93.7	94.1	94.8	94.8	94.8	94.8	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	
GE 1000	92.3	94.3	94.8	95.7	95.8	95.8	95.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	
GE 900	92.3	94.3	94.8	95.8	96.2	96.2	96.2	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 800	92.3	94.3	94.8	95.8	96.3	96.3	96.3	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	
GE 700	92.3	94.6	95.1	96.2	96.7	96.7	96.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
GE 600	92.3	94.8	95.3	96.3	96.9	96.9	96.9	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
GE 500	92.5	95.0	95.5	96.5	97.2	97.2	97.2	97.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
GE 400	92.5	95.0	95.5	96.5	97.2	97.2	97.2	97.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
GE 300	92.5	95.0	95.5	96.5	97.2	97.2	97.2	97.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
GE 200	92.5	95.0	95.5	96.5	97.2	97.2	97.2	97.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
GE 100	92.5	95.0	95.5	96.5	97.2	97.2	97.2	97.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
GE 0	92.5	95.0	95.5	96.5	97.2	97.2	97.2	97.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	

TOTAL NUMBER OF OBSERVATIONS: 575

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72466C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-86

MONTH: NOV

HOURS (LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	73.2	73.5	73.5	73.5	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 20000	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 18000	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 16000	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 14000	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 12000	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 10000	85.3	85.9	85.9	85.9	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 9000	85.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 8000	87.5	88.2	88.2	88.2	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 7000	88.5	89.1	89.1	89.1	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 6000	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 5000	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 4500	89.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 4000	90.4	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 3500	91.1	91.7	91.7	91.7	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 3000	92.3	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6
GE 2500	93.0	93.6	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.6	94.6	94.6	94.6	94.6	94.6
GE 2000	93.6	94.6	94.9	94.9	95.2	95.2	95.2	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8
GE 1800	93.6	94.6	94.9	94.9	95.2	95.2	95.2	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8
GE 1500	93.6	94.9	95.2	95.2	95.5	95.5	95.5	95.8	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	93.6	95.5	95.8	95.8	96.2	96.2	96.5	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	94.2	96.2	97.1	97.4	97.8	97.8	98.1	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	94.2	96.2	97.4	97.8	98.1	98.1	98.4	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	94.2	96.2	97.8	98.1	98.7	98.7	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 700	94.2	96.2	97.8	98.1	98.7	98.7	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 600	94.2	96.2	97.8	98.1	98.7	98.7	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 500	94.2	96.2	97.8	98.1	98.7	98.7	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 400	94.2	96.2	97.8	98.1	98.7	98.7	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 300	94.2	96.2	97.8	98.1	98.7	98.7	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 200	94.2	96.2	97.8	98.1	98.7	98.7	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 100	94.2	96.2	97.8	98.1	98.7	98.7	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 0	94.2	96.2	97.8	98.1	98.7	98.7	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 313

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-86

MONTH: NOV

HOURS(LST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	73.1	73.5	73.5	73.5	73.5	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 20000	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	
GE 18000	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	
GE 16000	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	
GE 14000	82.0	82.3	82.3	82.3	82.3	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 12000	82.3	82.7	82.7	82.7	82.7	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 10000	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	
GE 9000	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	
GE 8000	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	
GE 7000	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	
GE 6000	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	
GE 5000	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	
GE 4500	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	
GE 4000	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	
GE 3500	90.5	90.8	90.8	90.8	90.8	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 3000	92.6	92.9	92.9	92.9	92.9	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 2500	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.6	93.6	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	
GE 2000	93.6	94.3	94.3	94.3	94.3	94.3	94.3	94.7	94.7	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	
GE 1800	93.6	94.7	94.7	94.7	94.7	94.7	94.7	95.1	95.1	95.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	
GE 1500	93.6	94.7	94.7	94.7	94.7	94.7	94.7	95.1	95.1	95.1	95.8	96.1	96.1	96.5	96.5	96.5	96.5	
GE 1200	94.3	96.1	96.1	96.5	96.5	96.5	96.5	96.8	96.8	96.8	97.5	97.9	97.9	98.2	98.2	98.2	98.2	
GE 1000	94.3	96.1	96.1	96.5	96.5	96.5	96.5	96.8	96.8	96.8	97.5	97.9	97.9	98.2	98.2	98.2	98.2	
GE 900	94.3	96.1	96.5	96.8	96.8	96.8	96.8	97.2	97.2	97.2	97.9	98.2	98.2	98.6	98.6	98.6	98.6	
GE 800	94.3	96.1	96.5	96.8	96.8	96.8	96.8	97.2	97.2	97.2	97.9	98.2	98.2	98.6	98.6	98.6	98.6	
GE 700	94.3	96.1	96.5	96.8	96.8	96.8	96.8	97.5	97.5	97.5	98.2	98.6	98.6	98.9	98.9	98.9	98.9	
GE 600	94.3	96.1	96.5	96.8	96.8	96.8	97.2	98.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	99.6	99.6	
GE 500	94.3	96.1	96.5	96.8	96.8	97.2	98.2	98.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	99.6	99.6	
GE 400	94.3	96.1	96.5	96.8	96.8	97.2	98.2	98.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	99.6	99.6	
GE 300	94.3	96.1	96.5	96.8	96.8	97.2	98.2	98.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	99.6	99.6	
GE 200	94.3	96.1	96.5	96.8	96.8	97.2	98.2	98.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	100.0	100.0	
GE 100	94.3	96.1	96.5	96.8	96.8	97.2	98.2	98.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	100.0	100.0	
GE 0	94.3	96.1	96.5	96.8	96.8	97.2	98.2	98.2	98.2	98.2	98.9	99.3	99.3	99.6	99.6	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 283

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	66.2	66.4	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 20000	73.8	74.1	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	74.2
GE 18000	74.2	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 16000	75.1	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 14000	77.7	78.0	78.3	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 12000	79.7	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 10000	82.7	83.1	83.2	83.3	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 9000	83.1	83.5	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 8000	84.5	84.9	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 7000	84.8	85.3	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 6000	85.8	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 5000	86.6	87.1	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 4500	86.8	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4000	87.7	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 3500	88.0	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3000	89.0	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 2500	89.5	90.5	90.7	90.8	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2000	90.2	91.4	91.7	91.8	92.0	92.0	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1800	90.2	91.5	91.8	91.9	92.1	92.1	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1500	90.4	91.9	92.3	92.5	92.7	92.8	92.9	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 1200	90.7	92.4	92.8	93.1	93.4	93.6	93.7	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0
GE 1000	91.1	92.9	93.4	93.8	94.1	94.3	94.4	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 900	91.2	93.0	93.6	94.1	94.5	94.7	94.8	94.9	94.9	95.0	95.2	95.2	95.3	95.3	95.3	95.3
GE 800	91.3	93.1	93.8	94.4	94.8	95.0	95.1	95.3	95.3	95.4	95.6	95.6	95.7	95.7	95.7	95.7
GE 700	91.3	93.3	93.9	94.5	95.0	95.2	95.5	95.7	95.8	95.9	96.1	96.1	96.2	96.2	96.2	96.2
GE 600	91.3	93.3	94.0	94.6	95.1	95.4	95.8	96.0	96.1	96.2	96.4	96.4	96.5	96.5	96.5	96.6
GE 500	91.5	93.6	94.3	95.0	95.6	95.9	96.4	96.6	96.7	97.0	97.2	97.2	97.4	97.4	97.4	97.4
GE 400	91.5	93.6	94.4	95.1	95.7	96.0	96.5	96.8	96.9	97.3	97.5	97.5	97.7	97.8	97.8	97.9
GE 300	91.5	93.6	94.4	95.1	95.7	96.0	96.6	96.9	97.0	97.4	97.7	97.7	98.2	98.3	98.4	98.5
GE 200	91.5	93.6	94.4	95.1	95.8	96.1	96.7	97.0	97.1	97.6	98.0	98.1	98.9	99.1	99.3	99.5
GE 100	91.5	93.6	94.4	95.1	95.8	96.1	96.7	97.0	97.1	97.6	98.1	98.1	99.0	99.2	99.5	99.9
GE 0	91.5	93.6	94.4	95.1	95.8	96.1	96.7	97.0	97.1	97.6	98.1	98.1	99.0	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 3365

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 79-81,83
MONTH: DEC HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 450	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 350	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 250	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 180	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 160	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 140	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 120	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 90	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 70	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 60	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 40	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1/2	3/4	1	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	∞
NO CEIL	68.8	69.3	69.3	69.3	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 20000	74.5	75.0	75.0	75.0	75.1	75.1	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
GE 18000	74.6	75.1	75.1	75.1	75.3	75.3	75.4	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6
GE 16000	74.6	75.1	75.1	75.1	75.3	75.3	75.4	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6
GE 14000	76.2	76.7	76.7	76.7	76.9	76.9	77.0	77.0	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2
GE 12000	77.7	78.1	78.1	78.1	78.3	78.3	78.4	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6
GE 10000	80.3	80.8	80.8	80.8	81.1	81.1	81.3	81.3	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5
GE 9000	80.5	81.0	81.0	81.0	81.5	81.5	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9
GE 8000	81.1	81.8	81.8	81.8	82.3	82.3	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7
GE 7000	81.8	82.4	82.4	82.4	82.9	82.9	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4
GE 6000	81.8	82.4	82.4	82.4	82.9	82.9	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4
GE 5000	82.4	83.0	83.0	83.0	83.5	83.5	83.8	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0
GE 4500	83.0	83.7	83.7	83.7	84.2	84.2	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6
GE 4000	83.2	84.2	84.2	84.2	84.6	84.6	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1
GE 3500	83.2	84.2	84.2	84.2	84.6	84.6	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1
GE 3000	83.4	84.3	84.3	84.3	84.8	84.8	85.1	85.1	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3
GE 2500	84.3	85.6	85.6	85.6	86.2	86.2	86.5	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7
GE 2000	84.9	86.4	86.4	86.4	87.0	87.0	87.3	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5
GE 1800	84.9	86.4	86.4	86.4	87.0	87.0	87.3	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5
GE 1500	85.3	86.8	87.0	87.2	88.0	88.0	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
GE 1200	85.6	87.3	87.5	87.8	88.9	89.1	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5
GE 1000	86.1	87.8	88.1	88.6	89.9	90.0	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5
GE 900	86.1	88.0	88.3	88.9	90.3	90.5	90.8	91.0	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3
GE 800	86.1	88.0	88.4	89.1	90.5	90.6	91.0	91.1	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4
GE 700	86.1	88.3	88.7	89.4	90.8	91.1	91.4	91.6	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 600	86.1	88.4	88.9	89.5	91.0	91.4	91.8	91.9	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2
GE 500	86.1	88.9	89.5	90.3	91.8	92.2	92.6	92.7	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.8
GE 400	86.2	89.4	90.2	91.0	92.4	92.9	93.2	93.5	93.7	93.8	94.0	94.0	94.5	94.5	94.5	95.2
GE 300	86.2	89.4	90.2	91.1	92.7	93.2	93.7	94.0	94.1	94.5	95.2	95.4	95.9	95.9	95.9	96.8
GE 200	86.2	89.4	90.3	91.3	92.9	93.3	93.8	94.1	94.3	95.6	96.8	97.0	97.6	97.9	98.3	99.5
GE 100	86.4	89.5	90.6	91.6	93.2	93.7	94.1	94.5	94.6	95.9	97.1	97.3	97.9	98.3	98.6	100.0
GE 0	86.4	89.5	90.6	91.6	93.2	93.7	94.1	94.5	94.6	95.9	97.1	97.3	97.9	98.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 631

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72466C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	63.1	63.8	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6	64.6
GE 20000	70.9	71.7	72.0	72.5	72.6	72.6	72.6	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.9	72.9
GE 18000	71.3	72.2	72.5	72.9	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.4	73.4
GE 16000	71.4	72.3	72.6	73.1	73.2	73.2	73.2	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.5	73.5
GE 14000	73.6	74.5	74.8	75.3	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.7	75.7
GE 12000	75.1	76.0	76.3	76.7	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.2	77.2
GE 10000	78.8	79.6	79.9	80.4	80.5	80.5	80.5	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.8	80.8
GE 9000	79.1	79.9	80.2	80.7	80.8	80.8	80.8	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.1	81.1
GE 8000	80.8	81.8	82.1	82.6	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.2	83.2
GE 7000	81.1	82.4	82.9	83.5	83.7	83.7	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	84.0	84.0
GE 6000	81.7	83.0	83.5	84.0	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.8	84.8
GE 5000	82.3	83.7	84.2	84.8	85.2	85.2	85.2	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.5	85.5
GE 4500	82.6	84.2	84.6	85.2	85.9	85.9	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.2	86.2
GE 4000	82.9	84.6	85.4	85.9	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	87.0	87.0
GE 3500	82.9	84.6	85.4	85.9	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	87.0	87.0
GE 3000	83.2	85.1	85.8	86.4	87.1	87.1	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.4	87.4
GE 2500	83.7	85.7	86.4	87.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.3	88.3
GE 2000	84.3	86.2	87.3	87.8	88.9	88.9	88.9	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.3	89.3
GE 1800	84.3	86.2	87.3	87.8	88.9	88.9	88.9	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.3	89.3
GE 1500	84.3	86.4	87.4	88.0	89.0	89.0	89.0	89.0	89.0	89.3	89.3	89.3	89.3	89.3	89.5	89.5
GE 1200	84.3	86.4	87.6	88.1	89.3	89.5	89.5	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.9	89.9
GE 1000	84.6	86.8	88.0	88.9	90.5	90.6	91.2	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.8	91.8
GE 900	84.6	86.8	88.0	89.0	90.6	90.8	91.5	91.7	91.7	91.9	91.9	91.9	91.9	91.9	92.1	92.1
GE 800	84.6	87.0	88.1	89.2	90.8	90.9	91.8	91.9	91.9	92.4	92.4	92.4	92.4	92.4	92.5	92.5
GE 700	84.6	87.0	88.1	89.6	91.2	91.5	92.4	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.3	93.3
GE 600	84.6	87.1	88.3	89.8	91.4	91.7	92.5	92.6	93.0	93.6	93.6	93.6	93.6	93.9	94.0	94.0
GE 500	84.8	87.3	88.4	90.2	91.8	92.1	93.0	93.4	93.6	94.4	94.7	94.7	95.3	95.3	95.5	95.8
GE 400	84.8	87.3	88.6	90.5	92.2	92.5	93.4	93.9	94.0	94.9	95.3	95.3	96.0	96.0	96.2	96.6
GE 300	84.8	87.3	88.7	90.6	92.7	93.0	93.9	94.3	94.4	95.5	96.3	96.3	97.2	97.4	97.7	98.1
GE 200	84.8	87.3	88.7	90.6	92.7	93.0	93.9	94.3	94.4	95.5	96.3	96.3	98.0	98.2	98.5	99.1
GE 100	84.8	87.3	88.7	90.6	92.7	93.0	93.9	94.3	94.4	95.5	96.3	96.3	98.0	98.2	98.7	100.0
GE 0	84.8	87.3	88.7	90.6	92.7	93.0	93.9	94.3	94.4	95.5	96.3	96.3	98.0	98.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 683

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72466C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	61.5	62.2	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	
GE 20000	70.4	71.5	71.5	71.8	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	
GE 18000	71.3	72.4	72.4	72.7	73.4	73.4	73.4	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	
GE 16000	71.6	72.7	72.7	73.0	73.7	73.7	73.7	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	
GE 14000	73.6	74.8	74.8	75.1	75.8	75.8	75.8	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	
GE 12000	76.0	77.2	77.2	77.5	78.2	78.2	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	
GE 10000	77.6	80.9	80.9	81.2	81.9	81.9	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	
GE 9000	79.7	81.0	81.0	81.3	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	
GE 8000	81.3	82.7	82.6	83.1	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	
GE 7000	81.5	82.8	83.0	83.3	84.0	84.0	84.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	
GE 6000	82.2	83.6	83.7	84.0	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	
GE 5000	82.7	84.0	84.2	84.5	85.2	85.2	85.2	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	
GE 4500	83.0	84.5	84.6	84.9	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	
GE 4000	83.4	84.9	85.4	85.8	86.7	86.7	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	
GE 3500	83.7	85.2	85.7	86.1	87.0	87.0	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	
GE 3000	84.0	85.5	86.0	86.4	87.5	87.5	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	
GE 2500	84.9	86.6	87.0	87.6	88.7	88.7	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	
GE 2000	85.4	87.5	87.9	88.5	89.7	89.7	90.1	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	
GE 1800	85.4	87.5	87.9	88.5	89.7	89.7	90.3	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	
GE 1200	85.7	88.1	88.5	89.1	90.3	90.3	90.9	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	
GE 1000	86.3	88.8	89.3	90.3	91.6	91.6	92.7	93.0	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
GE 900	86.3	88.8	89.3	90.6	92.2	92.2	93.3	93.9	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	
GE 800	86.3	88.8	89.3	90.6	92.4	92.5	93.6	94.2	94.3	94.8	94.8	94.8	94.8	94.9	95.1	95.1	
GE 700	86.3	88.8	89.3	90.6	92.4	92.5	93.6	94.2	94.3	94.8	94.8	94.8	94.9	95.1	95.1	95.1	
GE 600	86.3	88.8	89.6	90.9	92.8	93.0	94.0	94.6	94.8	95.5	95.5	95.5	96.1	96.3	96.3	96.3	
GE 500	86.3	88.8	89.6	90.9	93.0	93.1	94.2	94.8	94.9	95.7	95.7	95.7	96.4	96.7	96.7	96.7	
GE 400	86.3	88.8	89.6	90.9	93.0	93.1	94.2	94.8	94.9	95.7	96.0	96.0	96.7	97.0	97.0	97.0	
GE 300	86.3	88.8	89.6	90.9	93.0	93.1	94.2	95.1	95.2	96.0	97.2	97.2	98.2	98.5	98.7	98.8	
GE 200	86.3	88.8	89.6	90.9	93.0	93.1	94.2	95.5	95.7	96.4	97.6	97.6	99.2	99.3	99.6	99.9	
GE 100	86.3	88.8	89.6	90.9	93.0	93.1	94.2	95.5	95.7	96.4	97.6	97.6	99.0	99.3	99.6	100.0	
GE 0	86.3	88.8	89.6	90.9	93.0	93.1	94.2	95.5	95.7	96.4	97.6	97.6	99.0	99.3	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 670

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL	67.0	67.5	67.5	67.5	67.5	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 20000	74.7	75.2	75.2	75.2	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 18000	75.9	76.9	76.9	76.9	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 16000	76.2	77.3	77.3	77.3	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 14000	77.4	79.0	79.0	79.0	79.1	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 12000	78.6	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	
GE 10000	81.2	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	
GE 9000	81.9	83.6	83.6	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	
GE 8000	82.2	83.9	83.9	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	84.4	
GE 7000	82.2	83.9	83.9	83.9	84.1	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 6000	83.4	85.1	85.1	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	85.6	
GE 5000	84.8	86.5	86.5	86.5	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	
GE 4500	84.8	86.7	86.7	86.7	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	
GE 4000	85.5	87.5	87.5	87.5	87.7	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 3500	86.3	88.7	88.7	88.7	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	
GE 3000	86.6	89.2	89.2	89.2	89.4	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	
GE 2500	87.5	89.9	89.9	89.9	90.1	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	
GE 2000	87.9	90.8	90.8	90.8	91.1	92.0	92.1	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	
GE 1800	87.9	90.8	90.8	90.8	91.1	92.0	92.1	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	
GE 1500	87.9	90.9	91.1	91.1	91.3	92.1	92.3	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	
GE 1200	88.0	91.3	91.6	91.6	92.0	92.3	93.0	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	
GE 1000	88.2	91.6	92.3	92.3	92.6	93.5	93.7	94.0	94.0	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	
GE 900	88.2	91.6	92.6	92.6	93.3	94.4	94.5	94.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	
GE 800	88.2	91.6	92.6	92.6	93.3	94.5	94.7	95.2	95.4	95.4	95.9	95.9	95.9	95.9	96.2	96.2	96.2	
GE 700	88.2	91.6	93.3	93.3	94.2	95.4	95.6	96.2	96.4	96.4	96.9	96.9	96.9	96.9	97.3	97.3	97.3	
GE 600	88.2	91.6	93.3	93.3	94.4	95.9	96.1	96.8	96.9	96.9	97.4	97.4	97.4	97.4	97.8	97.8	97.8	
GE 500	88.2	91.6	93.3	93.3	94.5	96.1	96.2	96.9	97.1	97.1	97.6	97.6	97.6	97.6	98.5	98.5	98.5	
GE 400	88.2	91.6	93.3	93.3	94.5	96.1	96.2	96.9	97.1	97.1	97.6	97.6	97.6	97.6	98.5	98.5	98.5	
GE 300	88.2	91.6	93.3	93.3	94.5	96.1	96.2	96.9	97.1	97.1	97.6	97.6	97.6	97.6	98.6	98.6	98.6	
GE 200	88.2	91.6	93.3	93.3	94.5	96.1	96.2	97.1	97.3	97.3	97.9	98.1	98.1	98.3	99.1	99.3	99.7	
GE 100	88.2	91.6	93.3	93.3	94.5	96.1	96.2	97.3	97.4	97.4	98.3	98.5	98.5	98.6	99.5	99.7	100.0	
GE 0	88.2	91.6	93.3	93.3	94.5	96.1	96.2	97.3	97.4	97.4	98.3	98.5	98.5	98.6	99.5	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 585

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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	73.7	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	74.4	74.4
GE 20000	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.2	81.2
GE 18000	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.2	81.2
GE 16000	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.2	81.2
GE 14000	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.7	82.7
GE 12000	82.7	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	83.5	83.5
GE 10000	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.8	86.8
GE 9000	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.6	87.6
GE 8000	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.3	88.3
GE 7000	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.7	88.7
GE 6000	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.5	89.5
GE 5000	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.8	89.8
GE 4500	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.8	89.8
GE 4000	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.4	91.4
GE 3500	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.2	93.2
GE 3000	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	94.0	94.0
GE 2500	94.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.5	95.5
GE 2000	94.4	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.6	96.6
GE 1800	94.4	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.6	96.6
GE 1500	94.4	96.2	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	97.0	97.0
GE 1200	94.4	96.2	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	97.0	97.0
GE 1000	94.4	96.2	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	97.0	97.0
GE 900	94.4	96.2	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	97.0	97.0
GE 800	94.4	96.2	96.2	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.4	97.4
GE 700	94.4	96.2	96.2	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.4	97.4
GE 600	94.4	96.2	96.2	96.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.7	97.7
GE 500	94.4	96.2	97.0	97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.5	98.5
GE 400	94.4	96.2	97.7	97.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6	99.6
GE 300	94.4	96.2	97.7	97.7	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0
GE 200	94.4	96.2	97.7	97.7	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0
GE 100	94.4	96.2	97.7	97.7	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0
GE 0	94.4	96.2	97.7	97.7	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 266

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72466C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-86

MONTH: DEC HOURS (LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	75.0	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 20000	81.1	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 18000	81.1	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 16000	81.1	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 14000	82.0	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 12000	83.8	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 10000	88.6	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 9000	88.6	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 8000	88.6	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 7000	88.6	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 6000	89.9	90.8	90.8	90.8	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 5000	89.9	90.8	90.8	90.8	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 4500	89.9	90.8	90.8	90.8	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 4000	90.4	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3500	90.8	91.7	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 3000	90.8	91.7	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.5	92.5	92.5	92.5	92.5
GE 2500	90.8	91.7	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.5	92.5	92.5	92.5	92.5
GE 2000	91.7	92.5	92.5	92.5	93.0	93.0	93.9	93.9	93.9	93.9	94.3	94.3	94.3	94.3	94.3	94.3
GE 1800	92.1	93.0	93.0	93.0	93.4	93.4	94.3	94.3	94.3	94.3	94.3	94.7	94.7	94.7	94.7	94.7
GE 1500	93.0	93.9	93.9	93.9	94.3	94.3	95.2	95.2	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6
GE 1200	93.0	93.9	93.9	93.9	94.3	94.3	95.2	95.2	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	93.0	93.9	93.9	93.9	94.3	94.3	95.2	95.2	95.2	95.2	95.6	95.6	96.1	96.1	96.1	96.1
GE 900	93.0	93.9	93.9	93.9	94.3	94.3	95.2	95.2	95.2	95.2	95.6	95.6	96.1	96.1	96.1	96.1
GE 800	93.0	93.9	93.9	93.9	94.3	94.3	95.2	95.2	95.2	95.2	95.6	95.6	96.1	96.1	96.1	96.1
GE 700	93.0	93.9	93.9	93.9	94.7	94.7	95.6	95.6	95.6	95.6	96.1	96.1	96.5	96.5	96.5	96.5
GE 600	93.0	93.9	93.9	93.9	95.2	95.2	96.1	96.1	96.1	96.1	96.5	96.5	96.9	96.9	96.9	96.9
GE 500	93.0	93.9	94.7	94.7	96.1	96.1	96.9	96.9	96.9	96.9	97.4	97.4	97.8	97.8	97.8	97.8
GE 400	93.0	93.9	94.7	94.7	96.1	96.1	96.9	96.9	96.9	96.9	97.4	97.4	97.8	97.8	97.8	97.8
GE 300	93.0	93.9	94.7	94.7	96.1	96.1	96.9	96.9	96.9	96.9	97.4	97.4	97.8	97.8	97.8	97.8
GE 200	93.0	93.9	94.7	94.7	96.1	96.1	96.9	97.6	97.8	98.2	98.7	98.7	99.1	99.1	99.1	99.6
GE 100	93.0	93.9	94.7	94.7	96.1	96.1	96.9	97.6	97.8	98.2	98.7	98.7	99.1	99.1	99.1	100.0
GE 0	93.0	93.9	94.7	94.7	96.1	96.1	96.9	97.6	97.8	98.2	98.7	98.7	99.1	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 228

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660. STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	10	6	5	4	3	2	1 1/2	1	1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	66.6	67.2	67.3	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6
GE 20000	73.9	74.7	74.7	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3
GE 16000	74.5	75.3	75.4	75.5	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0
GE 14000	74.7	75.5	75.5	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1
GE 12000	76.3	77.3	77.3	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9
GE 10000	77.9	78.8	78.9	79.0	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5
GE 8000	81.2	82.1	82.2	82.4	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9
GE 6000	81.5	82.5	82.6	82.8	83.1	83.1	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 4000	82.5	83.6	83.7	83.9	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5
GE 2000	82.8	83.9	84.0	84.2	84.6	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9
GE 1000	83.4	84.6	84.7	84.9	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6
GE 5000	84.1	85.3	85.4	85.6	86.0	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3
GE 4500	84.3	85.6	85.7	86.0	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7
GE 4000	84.8	86.2	86.5	86.8	87.3	87.3	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 3500	85.3	86.7	87.0	87.2	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1
GE 3000	85.6	87.1	87.3	87.6	88.2	88.2	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 2500	86.3	88.0	88.2	88.5	89.2	89.2	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.6	89.6
GE 2000	86.8	88.8	89.1	89.4	90.2	90.3	90.5	90.6	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1800	86.9	88.8	89.2	89.5	90.3	90.3	90.6	90.6	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.9	90.9
GE 1500	87.0	89.0	89.4	89.7	90.6	90.7	91.0	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1200	87.1	89.3	89.8	90.2	91.1	91.2	91.5	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.9	91.9
GE 1000	87.5	89.7	90.3	90.9	92.0	92.1	92.7	92.8	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.2	93.2
GE 900	87.5	89.8	90.4	91.2	92.5	92.5	93.1	93.3	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.8	93.8
GE 800	87.5	89.8	90.5	91.2	92.6	92.7	93.4	93.6	93.7	94.0	94.0	94.0	94.0	94.1	94.2	94.3	94.3
GE 700	87.5	89.9	90.7	91.6	93.0	93.2	93.8	94.1	94.1	94.5	94.5	94.5	94.5	94.6	94.7	94.8	94.8
GE 600	87.5	89.9	90.8	91.7	93.3	93.5	94.2	94.5	94.5	95.0	95.0	95.0	95.0	95.2	95.3	95.4	95.4
GE 500	87.5	90.1	91.1	92.2	93.8	94.0	94.7	95.0	95.1	95.5	95.7	95.7	95.7	96.0	96.2	96.3	96.5
GE 400	87.5	90.2	91.3	92.4	94.1	94.3	95.0	95.3	95.4	95.9	96.1	96.1	96.1	96.6	96.8	96.9	97.1
GE 300	87.5	90.2	91.3	92.5	94.2	94.5	95.2	95.6	95.7	96.3	96.9	97.0	97.0	97.5	97.8	97.9	98.3
GE 200	87.5	90.2	91.4	92.5	94.3	94.5	95.2	95.8	95.9	96.7	97.5	97.6	97.6	98.4	98.8	99.0	99.6
GE 100	87.6	90.2	91.4	92.6	94.3	94.6	95.3	95.9	96.0	96.9	97.7	97.7	97.7	98.5	98.9	99.2	100.0
GE 0	87.6	90.2	91.4	92.6	94.3	94.6	95.3	95.9	96.0	96.9	97.7	97.7	97.7	98.5	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 3073

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/KAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	62.1	62.5	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 20000	69.7	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.5
GE 18000	70.2	70.6	70.7	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 16000	70.5	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 14000	72.2	72.8	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	73.0	73.0
GE 12000	74.9	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	75.7	75.7	75.7
GE 10000	78.2	78.8	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2
GE 9000	78.8	79.5	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 8000	80.0	80.8	80.9	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 7000	80.4	81.2	81.3	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 6000	82.0	82.8	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2
GE 5000	84.9	85.9	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 4500	85.7	86.7	86.8	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4000	87.7	88.8	88.9	89.0	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 3500	88.5	89.7	89.9	90.0	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3000	89.4	90.8	91.1	91.2	91.4	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 2500	90.0	91.5	91.8	92.0	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5
GE 2000	90.5	92.2	92.5	92.8	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4
GE 1800	90.6	92.3	92.7	92.9	93.2	93.2	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1500	90.9	92.7	93.2	93.4	93.8	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
GE 1200	91.1	93.1	93.5	93.6	94.3	94.3	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.8
GE 1000	91.3	93.6	94.1	94.5	95.0	95.1	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
GE 900	91.4	93.7	94.3	94.8	95.3	95.4	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
GE 800	91.5	93.9	94.5	94.9	95.6	95.7	95.9	96.1	96.1	96.3	96.4	96.4	96.4	96.4	96.5	96.5	96.5
GE 700	91.5	94.0	94.6	95.1	95.8	95.9	96.2	96.4	96.4	96.6	96.6	96.7	96.7	96.8	96.8	96.9	96.9
GE 600	91.6	94.1	94.7	95.3	96.0	96.2	96.5	96.8	96.8	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.4
GE 500	91.6	94.2	94.9	95.5	96.4	96.5	96.9	97.2	97.2	97.6	97.7	97.7	97.8	97.9	97.9	97.9	98.0
GE 400	91.6	94.2	95.0	95.7	96.5	96.7	97.2	97.5	97.6	97.9	98.1	98.1	98.4	98.4	98.5	98.5	98.5
GE 300	91.6	94.3	95.0	95.7	96.7	96.9	97.4	97.7	97.8	98.2	98.5	98.5	98.8	98.9	98.9	98.9	99.1
GE 200	91.6	94.3	95.1	95.7	96.7	96.9	97.5	97.8	97.8	98.3	98.6	98.7	99.1	99.2	99.4	99.4	99.6
GE 100	91.6	94.3	95.1	95.7	96.7	96.9	97.5	97.8	97.9	98.4	98.7	98.7	99.2	99.3	99.5	99.5	99.9
GE 0	91.6	94.3	95.1	95.7	96.7	96.9	97.5	97.8	97.9	98.4	98.7	98.7	99.2	99.4	99.5	100.0	

TOTAL NUMBER OF OBSERVATIONS: 42744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS.

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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				100.0								3.0	1
06-08	13.1			40.6						26.3	20.1	5.6	697
09-11	6.0			40.7						33.3	20.1	6.2	738
12-14	5.6			35.3						38.2	20.9	6.6	728
15-17	5.8			35.2						35.9	23.1	6.6	657
18-20	19.7			37.9						19.7	22.6	5.2	380
21-23	22.7			34.7						21.5	21.2	5.1	326
TOTALS	10.4			46.3						25.0	18.3	5.5	3527

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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				60.0						20.0	20.0	5.6	5
06-08	6.6			46.1						24.8	22.5	5.9	640
09-11	6.4			37.9						31.7	24.0	6.4	675
12-14	3.9			37.2						34.1	24.9	6.7	675
15-17	3.0			34.5						37.7	24.8	6.9	605
18-20	15.4			39.6						24.0	22.0	5.5	350
21-23	22.0			35.5						23.3	19.2	5.1	313
TOTALS	8.2			41.4						27.9	22.5	6.0	3263

GLOBAL CLIMATOLOGY BRANCH
USAFSTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
MONTH: MAR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05													
06-08	6.5			38.0						27.2	28.4	6.4	740
09-11	5.1			37.5						29.8	27.6	6.6	784
12-14	2.5			33.6						35.5	28.4	7.0	770
15-17	1.4			31.9						37.1	29.5	7.2	692
18-20	8.9			33.7						30.0	27.3	6.4	403
21-23	18.6			32.2						20.3	28.8	5.7	354
TOTALS	7.2			34.5						30.0	28.3	6.6	3743

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
MONTH: APR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05	2.3			44.2						32.6	20.9	6.3	43
06-08	8.6			44.1						27.8	19.5	5.6	730
09-11	4.4			50.6						28.3	16.6	5.7	769
12-14	2.2			40.2						39.0	18.5	6.6	766
15-17	1.2			33.3						47.1	18.5	7.1	682
18-20	9.5			42.1						25.4	22.9	5.8	401
21-23	26.2			39.6						16.5	17.8	4.4	321
TOTALS	7.8			42.0						31.0	19.2	6.0	3712

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
MONTH: MAY

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05	4.2			42.5						30.7	22.6	6.3	212
06-08	5.4			41.8						29.7	23.1	6.2	735
09-11	1.6			44.4						30.5	23.4	6.4	734
12-14	.7			33.0						45.6	20.7	7.2	728
15-17	.6			28.2						45.4	25.8	7.5	639
18-20	1.0			32.2						45.3	21.5	7.2	395
21-23	9.9			42.6						27.4	20.2	5.8	223
TOTALS	3.3			37.8						36.4	22.5	6.7	3666

STATION NUMBER: 72468G STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
MONTH: JUN

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	9.3			47.0						29.3	14.4	5.5	215
06-08	11.6			45.7						30.8	11.9	5.3	773
09-11	6.1			52.9						30.9	10.1	5.4	773
12-14	1.0			49.2						39.5	10.2	6.1	762
15-17				41.4						46.4	12.2	6.6	647
18-20	2.0			41.6						44.0	12.3	6.4	400
21-23	9.4			48.5						31.3	10.7	5.3	233
TOTALS	57.6			46.6						36.0	11.7	5.8	3803

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
MONTH: JUL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05	2.8			57.5						33.5	6.1	5.4	212
06-08	8.4			59.6						26.1	6.0	4.7	737
09-11	1.2			73.5						21.7	3.5	4.5	737
12-14	.3			58.8						35.8	5.2	5.5	735
15-17				38.3						54.0	7.7	6.8	637
18-20				42.7						42.0	15.3	6.6	393
21-23	3.3			52.1						31.9	12.7	5.7	213
TOTALS	2.3			54.6						35.0	8.1	5.6	3664

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-86
MONTH: AUG

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05	3.1			62.4						24.3	10.2	5.1	226
06-08	7.3			57.2						25.4	10.0	5.0	806
09-11	3.3			62.5						25.6	8.5	5.0	808
12-14	.4			51.6						40.9	7.1	5.9	788
15-17	.1			39.0						50.1	10.7	6.8	690
18-20	1.1			37.7						44.5	16.6	6.8	440
21-23	9.7			46.6						30.0	14.6	5.6	253
TOTALS	3.4			51.0						34.4	11.1	5.7	4011

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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	13.8			56.2						17.2	12.8	4.5	203
06-08	10.9			54.2						21.7	13.2	4.9	727
09-11	8.1			57.6						21.3	13.0	4.9	728
12-14	3.1			59.2						26.1	11.5	5.3	719
15-17	1.4			54.9						32.5	11.2	5.7	625
18-20	10.4			53.5						21.5	14.6	5.0	376
21-23	20.8			47.9						16.7	14.6	4.4	192
TOTALS	9.8			54.6						22.4	13.0	5.0	3570

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

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	36.5			33.1						14.4	16.0	3.9	181
06-08	14.2			43.6						25.5	16.7	5.3	738
09-11	14.1			43.6						27.6	14.7	5.3	739
12-14	11.8			45.6						30.2	12.4	5.3	731
15-17	10.6			43.7						32.2	13.5	5.6	630
18-20	27.1			40.2						19.4	13.3	4.3	376
21-23	37.4			32.0						15.8	14.8	3.9	203
TOTALS	21.7			42.3						23.6	14.5	4.8	3598

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-86
MONTH: NOV

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05				100.0								3.0	1
06-08	14.4			40.3						27.8	17.5	5.5	611
09-11	10.7			40.0						30.9	18.4	5.8	643
12-14	8.5			43.6						30.5	17.4	5.8	637
15-17	9.6			41.4						32.0	17.0	5.8	575
18-20	31.3			28.4						23.6	16.6	4.6	313
21-23	38.5			23.3						19.8	18.4	4.3	283
TOTALS	16.1			45.3						23.5	15.0	5.0	3063

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-86
MONTH: DEC

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02													
03-05	50.0			40.0						10.0		2.1	10
06-08	11.0			46.3						23.0	19.7	5.4	630
09-11	5.9			42.1						33.0	18.9	6.1	681
12-14	5.1			41.9						34.8	18.2	6.2	670
15-17	4.8			42.4						38.5	14.4	6.2	585
18-20	20.7			40.6						23.3	15.4	4.9	266
21-23	26.3			36.4						19.7	17.5	4.6	228
TOTALS	17.7			41.4						26.0	14.9	5.1	3070

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72494C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-87
MONTH: ALL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURLS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
JAN ALL	10.4			46.3						25.0	18.3	5.5	3527
FEB	8.2			41.4						27.9	22.5	6.0	3263
MAR	7.2			34.5						30.0	28.3	6.6	3743
APR	7.8			42.0						31.6	19.2	6.0	3712
MAY	3.3			37.8						36.4	22.5	6.7	3666
JUN	5.6			46.6						36.0	11.7	5.8	3803
JUL	2.3			54.6						35.0	8.1	5.6	3664
AUG	3.4			51.0						34.4	11.1	5.7	4011
SEP	9.8			54.8						22.4	13.0	5.0	3570
OCT	21.7			40.3						23.6	14.5	4.8	3598
NOV	16.1			45.3						23.5	15.0	5.0	3063
DEC	17.7			41.4						26.0	14.9	5.1	3070
TOTALS	9.5			44.7						29.3	16.6	5.7	42690

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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 DEV-
IATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 DEGREE FAHRENHEIT VALUE.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THESE TEMPERATURES WERE SELECTED BY SCAN-
NING 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 EXTRACTING THE HIGH AND LOW TEMPERATURES FROM THE HOURLY OBSERVATIONS.

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

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

AN ASTERISK INDICATES AN INCOMPLETE MONTH.

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

DATA DERIVED FROM HOURLY OBSERVATIONS.

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

PRESENTED ARE MEANS, STANDARD DEVIATION AND OBSERVATION COUNTS.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY

DATA DERIVED FROM HOURLY OBSERVATIONS.

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

PERCENTAGE VALUES PRESENTED IN 10 DEGREE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

DRY-BULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 724683 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-87

HOURLY -EST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
03-05	MEAN	27.0	31.4		44.8	46.0	55.8	61.3	59.8	53.3	43.3	29.0	36.6	53.0
	SD		17.155		6.582	7.243	6.471	4.264	4.414	7.551	7.433		13.898	9.536
	TOT OBS	1	5		43	212	215	212	226	203	181	1	10	1309
06-08	MEAN	25.7	27.4	34.9	42.6	51.3	62.1	67.7	63.9	56.2	44.4	33.8	28.5	45.7
	SD	10.745	10.690	8.357	10.308	8.999	8.173	6.192	5.935	8.767	8.139	9.998	11.418	17.071
	TOT OBS	696	643	741	732	737	773	738	806	727	738	611	631	8575
09-11	MEAN	32.8	35.9	43.5	52.7	60.3	72.2	79.2	74.8	67.5	55.4	43.7	35.6	55.0
	SD	12.441	12.269	10.857	12.235	10.900	9.698	6.886	7.242	10.749	10.632	12.471	13.583	19.181
	TOT OBS	741	678	785	770	735	773	737	808	729	739	644	683	8822
12-14	MEAN	38.6	42.3	49.1	58.1	64.5	77.0	84.5	80.2	73.6	61.5	49.5	41.2	60.5
	SD	13.451	14.485	11.387	12.475	11.589	10.471	7.152	7.634	10.875	11.048	13.460	14.495	19.301
	TOT OBS	729	676	771	766	729	762	735	788	719	731	638	669	8713
15-17	MEAN	37.3	42.6	49.5	58.0	64.2	76.3	82.6	78.2	73.1	60.7	47.0	39.2	59.4
	SD	13.180	14.543	11.479	12.540	11.833	10.821	8.719	8.507	10.569	10.856	13.083	13.925	19.279
	TOT OBS	658	606	693	683	639	647	637	690	625	630	575	585	7668
18-20	MEAN	29.8	33.3	41.3	49.5	56.5	68.1	73.7	69.5	62.2	50.4	38.0	33.8	51.6
	SD	11.264	11.244	8.460	10.530	9.577	8.576	6.895	6.104	8.349	7.961	10.623	10.766	17.395
	TOT OBS	380	350	403	401	395	400	393	440	376	376	313	266	4493
21-23	MEAN	27.5	31.5	36.9	45.7	54.0	64.3	70.0	66.8	60.1	48.1	36.2	32.7	46.2
	SD	10.848	10.297	7.954	9.752	8.466	7.465	6.012	4.996	7.970	7.678	10.289	10.206	16.657
	TOT OBS	326	315	354	321	224	233	213	253	192	203	283	228	3145
ALL	MEAN	32.6	36.1	43.4	51.6	58.4	70.0	76.4	72.3	65.7	53.3	42.3	35.7	54.0
	SD	13.179	14.104	11.552	13.628	11.944	11.496	10.884	9.667	12.216	11.938	13.359	13.756	19.113
HOURLY	TOT OBS	3533	3273	3747	3716	3671	3803	3665	4011	3571	3598	3065	3072	42725

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

WLT-EULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-87

HOURS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANA
LST														
03-05	MEAN	22.0	24.6		36.3	40.5	48.4	53.4	53.0	45.9	36.6	26.0	28.6	46.1
	SD		12.716		5.072	5.558	4.651	3.360	3.463	5.774	5.752		9.606	8.143
	TOT OBS	1	5		43	212	215	212	226	203	181	1	10	1309
06-08	MEAN	21.1	23.0	29.4	35.4	43.9	52.3	57.2	55.7	47.6	37.2	28.5	23.4	38.6
	SD	8.609	8.633	5.793	7.358	6.182	4.940	3.480	3.749	6.383	5.928	7.360	8.893	14.226
	TOT OBS	698	643	741	732	737	773	738	806	726	737	611	630	8572
09-11	MEAN	26.3	28.9	34.5	40.7	48.1	56.5	61.3	60.6	53.0	43.4	34.6	28.3	43.4
	SD	9.042	9.394	6.397	7.417	6.245	5.001	3.001	3.313	6.408	6.180	7.861	9.569	14.050
	TOT OBS	741	678	785	770	735	773	737	808	729	739	644	683	8822
12-14	MEAN	30.2	32.7	37.6	43.0	49.5	57.6	62.2	61.8	54.9	46.1	37.6	31.8	45.8
	SD	9.034	9.430	6.180	7.112	6.101	4.722	3.051	3.219	5.943	5.803	7.991	9.686	13.125
	TOT OBS	729	676	771	766	729	762	734	788	719	731	638	669	8712
15-17	MEAN	29.5	32.7	37.6	42.8	49.4	57.2	61.1	61.0	54.2	45.5	36.1	30.6	45.0
	SD	8.958	9.259	5.984	7.003	6.025	4.408	2.849	3.056	5.741	5.621	7.879	9.598	13.018
	TOT OBS	658	606	693	683	639	647	637	690	625	630	575	583	7666
18-20	MEAN	24.5	27.0	33.3	38.7	46.0	54.4	58.4	58.1	50.0	40.3	30.9	27.3	41.6
	SD	8.513	8.240	5.042	6.815	5.798	4.345	2.729	3.170	5.683	5.492	7.306	8.046	13.361
	TOT OBS	380	350	403	401	395	400	393	440	376	376	713	266	4493
21-23	MEAN	22.8	26.0	32.0	36.6	44.8	52.6	56.9	56.7	49.0	39.1	29.7	26.7	37.9
	SD	8.448	7.768	5.080	6.676	5.474	4.516	2.839	3.147	5.760	5.666	7.320	7.829	13.280
	TOT OBS	326	315	354	321	224	233	213	253	192	203	283	228	3145
ALL HOURS	MEAN	26.2	28.7	34.3	39.9	46.9	55.1	59.6	59.0	51.6	42.1	33.5	28.3	42.7
	SD	9.469	9.696	6.676	7.702	6.604	5.407	3.971	4.290	6.782	6.837	8.425	9.688	13.753
	TOT OBS	3533	3273	3747	3716	3671	3803	3664	4011	3570	3597	3065	3069	42719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-87

HOURS -LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANA
J3-05	MEAN	9.3	12.6		29.9	34.0	41.7	47.1	47.6	39.8	28.1	20.0	15.4	39.3
	SD		10.315		7.986	7.901	6.904	6.225	5.761	7.741	7.813		8.356	10.280
	TOT OBS	1	5		43	212	215	212	226	203	181	1	10	1309
J6-08	MEAN	16.4	13.4	19.9	25.5	36.3	44.3	49.7	49.7	39.5	27.8	19.4	12.6	29.9
	SD	9.394	9.630	6.957	8.896	8.004	6.922	5.707	5.684	7.993	7.774	7.665	9.341	15.938
	TOT OBS	698	643	741	732	737	773	738	806	726	737	611	630	8572
J9-11	MEAN	14.3	17.2	21.7	26.0	36.4	44.6	49.8	51.2	41.0	30.1	21.7	15.7	31.2
	SD	9.216	9.166	7.202	9.562	8.735	8.048	6.522	6.181	8.448	7.825	7.481	9.090	15.252
	TOT OBS	741	678	785	770	735	773	737	808	729	739	644	683	8822
12-14	MEAN	16.3	13.3	22.0	25.2	35.5	43.3	47.6	49.9	39.7	29.8	21.7	17.2	30.9
	SD	8.955	8.465	7.562	9.583	8.763	8.024	7.673	7.347	8.710	7.263	8.143	9.138	14.419
	TOT OBS	729	676	771	766	729	762	734	788	719	731	638	669	8712
15-17	MEAN	16.5	17.9	21.5	24.4	35.3	42.8	46.5	49.5	38.5	29.1	21.1	16.7	30.2
	SD	8.768	7.765	7.287	9.677	8.813	7.774	7.945	7.205	8.720	7.279	7.939	8.877	14.224
	TOT OBS	658	626	693	683	639	647	637	690	625	630	575	583	7666
18-20	MEAN	13.9	15.6	21.3	24.5	35.3	43.4	47.4	50.0	38.9	28.0	19.5	15.6	30.4
	SD	8.859	8.145	7.354	9.662	8.898	7.062	7.109	6.876	8.509	8.192	8.081	8.608	14.979
	TOT OBS	380	350	403	461	395	400	393	440	376	376	313	266	4493
21-23	MEAN	12.9	15.5	21.2	23.9	35.3	42.8	47.3	49.2	38.6	27.5	18.9	15.4	27.5
	SD	8.796	8.086	6.767	9.354	8.277	7.400	6.925	6.764	8.649	8.341	8.126	8.814	14.768
	TOT OBS	326	315	354	321	224	233	213	253	192	203	283	228	3145
ALL	MEAN	14.2	16.5	21.3	25.1	35.7	43.6	48.2	49.9	39.5	28.9	20.6	15.6	30.6
	SD	9.296	8.839	7.221	9.466	8.573	7.613	7.113	6.658	8.476	7.734	7.937	9.188	14.961
HOURS	TOT OBS	3533	3273	3747	3716	3671	3803	3664	4011	3570	3597	3065	3069	42719

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/HAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 72968C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
MONTH: JAN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
JAN	00-02											
	03-05	100.0	100.0	100.0	100.0						46.0	1
	06-08	100.0	98.9	93.0	77.1	54.7	39.5	20.8	8.5	3.4	55.2	696
	09-11	100.0	95.5	86.1	64.1	44.8	29.4	17.7	9.2	1.9	50.5	741
	12-14	100.0	89.3	74.2	53.5	37.0	23.6	12.2	4.9	1.1	44.9	729
	15-17	99.8	91.0	77.1	59.0	40.7	26.9	13.8	7.4	2.1	47.3	656
	18-20	100.0	97.6	90.0	76.8	55.3	38.7	21.1	10.8	2.9	54.8	380
	21-23	100.0	98.8	92.3	81.6	62.3	44.2	23.3	10.4	3.4	57.2	326
	TOTALS	100.0	95.9	87.5	73.2	42.1	28.9	15.6	7.3	2.1	50.8	3533

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
MONTH: FEB

MONTH	POURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUP OBS
FEB	00-02											
	03-05	100.0	100.0	80.0	80.0	40.0	20.0				47.6	5
	06-08	100.0	99.1	95.8	84.4	63.6	41.2	22.7	12.4	6.5	58.4	643
	09-11	99.9	96.9	83.5	65.0	46.2	29.6	16.8	10.8	5.2	50.8	676
	12-14	100.0	87.4	66.4	48.1	29.6	21.0	12.6	7.2	2.2	43.0	676
	15-17	100.0	87.1	61.7	46.7	32.7	20.6	11.2	5.1	1.2	42.0	606
	18-20	100.0	98.6	87.4	69.1	49.4	29.7	14.3	6.6	2.3	51.2	350
	21-23	99.7	99.4	94.0	77.5	54.3	32.7	19.0	8.9	2.2	54.4	315
	TOTALS	99.9	95.5	81.3	67.3	45.1	27.8	13.8	7.3	2.8	49.6	3273

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 72468G STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
MONTH: MAR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	[RELATIVE HUMIDITY]	NUM OBS
MAR	00-02											
	03-05											
	06-08	100.0	99.3	92.0	79.2	61.9	41.6	24.0	13.9	5.8	57.5	741
	09-11	100.0	91.8	71.1	54.0	39.5	26.6	16.9	8.8	3.9	47.0	785
	12-14	100.0	78.9	55.8	38.0	28.9	17.9	12.6	6.6	3.2	39.8	771
	15-17	100.0	76.8	50.9	36.2	27.3	18.2	11.5	6.6	3.5	38.7	693
	18-20	100.0	96.0	77.7	57.1	41.2	29.5	19.4	10.9	3.7	49.2	403
	21-23	100.0	98.6	84.2	68.1	48.9	31.9	23.7	13.0	4.0	52.8	354
	TOTALS	100.0	90.2	72.0	55.4	41.3	27.6	18.0	10.0	4.0	47.5	3747

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724680 STATION NAME: FI CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
MONTH: APR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
APR	00-02											
	03-05	100.0	100.0	93.0	82.7	62.8	41.9	32.6	18.6	4.7	59.0	43
	06-08	100.0	98.0	86.9	73.2	56.1	37.4	21.7	11.2	3.8	54.5	732
	09-11	99.9	81.4	60.6	45.1	29.4	17.8	8.8	4.2	1.0	40.4	770
	12-14	99.3	66.8	42.7	28.9	18.4	9.8	4.8	1.6	1.3	32.9	766
	15-17	98.7	60.5	42.3	29.1	19.2	10.8	5.4	2.2	1.0	32.4	683
	18-20	99.8	86.3	63.8	45.6	32.9	20.9	9.7	4.7	2.0	42.2	401
	21-23	100.0	92.8	73.8	54.2	39.3	27.1	12.5	6.5	1.9	46.5	321
	TOTALS	99.7	83.7	66.2	51.4	36.9	23.7	13.6	7.0	2.2	44.0	3716

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
MONTH: MAY

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
MAY	00-02											
	03-05	100.0	99.1	94.3	87.3	79.2	69.6	44.3	25.9	10.4	66.2	212
	06-08	100.0	98.0	92.3	80.2	68.1	51.8	35.8	15.5	6.4	60.3	737
	09-11	100.0	88.8	70.7	57.1	41.1	24.9	12.6	6.5	3.3	46.1	735
	12-14	99.7	80.1	58.8	40.6	25.0	15.5	10.7	6.3	3.3	39.4	729
	15-17	99.2	80.1	56.8	39.3	27.1	20.0	11.4	7.2	5.0	40.1	639
	18-20	99.7	91.6	79.5	61.5	47.3	29.6	19.7	9.6	3.5	49.8	395
	21-23	100.0	94.2	85.7	75.0	51.8	37.5	22.8	12.1	4.5	53.6	224
	TOTALS	99.8	90.3	76.9	63.0	48.5	34.8	22.6	11.9	5.2	50.8	3671

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
MONTH: JUN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
JUN	00-02											
	03-05	100.0	100.0	94.9	88.4	72.6	55.3	33.0	14.4	2.8	61.7	215
	06-08	99.7	98.3	91.2	79.2	57.7	39.3	22.0	7.4	1.8	55.4	773
	09-11	99.2	88.4	68.6	47.2	26.3	13.8	5.8	2.3	.4	41.0	773
	12-14	99.6	75.7	49.0	29.7	16.8	10.5	4.3	1.3	.3	34.1	762
	15-17	99.1	74.8	48.5	30.3	19.8	12.7	6.2	1.5	.5	34.9	647
	18-20	100.0	93.8	72.8	50.8	35.0	17.0	11.5	4.0	.5	44.5	400
	21-23	100.0	97.4	83.7	63.5	44.2	24.5	14.2	6.0	.4	48.8	233
TOTALS		99.7	89.8	72.7	55.6	38.9	24.7	13.9	5.3	1.0	45.8	3803

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 78-87
MONTH: JUL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
JUL	00-02											
	03-05	100.0	100.0	96.2	92.0	72.6	49.1	28.3	14.2	3.8	61.5	212
	06-08	100.0	99.6	93.9	81.0	57.5	33.7	18.0	6.5	1.6	54.9	736
	09-11	100.0	90.8	68.0	37.4	17.9	8.7	2.8	.8	.3	38.4	737
	12-14	99.0	73.2	41.0	20.4	9.3	4.4	1.8	.5	.4	30.6	734
	15-17	98.4	68.6	42.5	25.0	17.1	10.2	4.1	1.4	.6	32.3	637
	18-20	100.0	92.9	69.0	46.8	30.8	20.4	11.5	5.1	.8	43.3	393
	21-23	100.0	98.1	80.3	55.4	39.9	26.3	15.5	5.6	.9	47.8	213
	TOTALS	99.6	89.1	70.1	51.1	35.0	21.8	11.7	4.9	1.2	44.1	3664

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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	100.0	100.0	99.6	94.7	81.9	61.9	39.4	19.6	5.8	66.0	226
	06-08	100.0	99.6	97.3	90.7	74.3	50.5	32.4	12.7	4.5	62.0	806
	09-11	100.0	96.7	82.8	60.1	36.5	20.9	7.9	3.8	2.1	46.6	806
	12-14	99.6	86.2	62.2	36.0	20.7	10.2	5.1	2.5	.9	38.1	786
	15-17	98.8	88.3	62.8	42.0	26.7	15.7	8.4	3.9	1.9	40.8	690
	18-20	99.8	98.0	88.2	70.0	55.2	34.5	17.3	11.1	3.6	53.5	440
	21-23	100.0	98.8	92.9	76.7	60.5	37.9	22.5	11.5	3.2	56.1	253
	TOTALS	99.7	95.4	83.7	67.2	50.8	33.1	19.0	9.2	3.1	51.9	4011

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-86
MONTH: SEP

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	HUM OBS
SEP	00-02											
	03-05	100.0	99.5	96.6	85.2	70.9	51.7	30.0	11.8	4.4	60.5	203
	06-08	100.0	99.3	94.4	79.2	58.5	40.6	20.9	10.2	4.0	56.3	726
	09-11	99.5	91.5	68.2	44.4	28.7	16.6	9.1	3.6	1.4	41.7	729
	12-14	99.3	74.3	43.0	25.0	15.9	7.8	4.9	2.2	1.3	33.1	715
	15-17	99.7	73.1	42.6	24.0	13.4	6.9	3.7	2.1	1.4	32.0	625
	18-20	100.0	96.5	78.2	53.2	33.5	18.4	8.8	3.2	1.9	45.1	376
	21-23	100.0	96.4	82.8	60.9	37.5	24.5	12.0	4.2	1.0	47.9	192
	TOTALS	99.8	90.4	72.3	53.1	36.9	23.8	12.8	5.3	2.2	45.2	3570

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-86
MONTH: OCT

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
OCT	00-02											
	03-05	100.0	100.0	96.1	80.1	65.2	43.1	23.8	12.7	4.4	58.3	181
	06-08	100.0	99.6	93.4	74.8	55.5	35.7	20.5	10.3	2.6	54.8	737
	09-11	99.5	90.8	67.1	45.9	30.4	18.3	9.3	5.3	.7	42.2	739
	12-14	99.6	75.8	46.8	27.8	17.0	9.3	5.3	2.5	.1	34.1	731
	15-17	99.4	76.3	45.6	27.3	17.1	11.4	6.7	2.1	.6	34.2	630
	18-20	100.0	96.0	79.3	52.7	32.4	19.1	10.9	3.2	.3	45.0	376
	21-23	100.0	97.5	84.2	62.1	39.4	22.2	9.9	4.4		47.5	203
	TOTALS	99.8	90.9	73.2	53.0	36.7	22.7	12.3	5.8	1.2	45.2	3597

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 729680 STATION NAME: FT CARSON/BUTTS AAF CO

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	100.0	100.0	100.0	100.0	100.0	100.0				69.0	1
	06-08	100.0	99.8	93.5	81.7	64.3	45.5	24.5	12.3	4.3	58.3	611
	09-11	99.7	99.9	73.4	52.6	36.0	24.5	13.8	6.4	2.5	46.0	644
	12-14	99.4	80.1	54.5	38.2	25.2	15.2	9.7	4.7	1.9	38.5	636
	15-17	99.8	84.0	62.6	43.0	28.7	15.0	9.9	6.1	2.3	40.6	575
	18-20	99.4	96.5	83.7	70.9	51.8	28.4	13.1	6.4	2.2	50.7	313
	21-23	100.0	96.8	88.7	72.8	53.7	33.6	15.9	7.4	1.8	52.8	283
	TOTALS	99.8	93.2	79.5	65.6	51.4	37.5	12.4	6.2	2.1	50.8	3065

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

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	100.0	90.0	90.0	60.0	40.0	20.0	10.0			45.8	10
	06-08	100.0	78.6	90.3	75.9	54.1	36.9	21.6	8.1	3.5	54.5	631
	09-11	99.9	95.0	79.1	60.6	41.0	30.5	16.4	7.2	1.9	48.7	683
	12-14	99.9	86.4	65.2	46.2	33.8	23.5	12.0	5.2	1.0	42.9	669
	15-17	100.0	91.3	72.9	50.9	34.5	22.8	11.1	3.1	.3	44.3	583
	18-20	100.0	99.6	87.6	67.7	44.4	27.1	15.4	4.9		50.0	266
	21-23	100.0	98.2	89.9	69.7	50.0	27.2	15.8	5.7	.4	51.7	226
	TOTALS	100.0	94.2	82.1	61.6	42.5	26.8	14.6	4.9	1.0	48.3	3069

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724680 STATION NAME: FT. CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-87
MONTH: ALL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	HUM	OBS
JAN	ALL	100.0	95.9	87.5	73.2	42.1	28.9	15.6	7.3	2.1	50.8	3533	
FEB		99.9	95.5	81.3	67.3	45.1	27.8	13.8	7.3	2.8	49.6	3273	
MAR		100.0	90.4	72.0	55.4	41.3	27.6	18.0	10.0	4.0	47.5	3747	
APR		99.7	83.7	66.2	51.4	36.9	23.7	13.6	7.0	2.2	44.0	3716	
MAY		99.8	90.3	76.9	63.0	48.5	34.8	22.6	11.9	5.2	50.8	3671	
JUN		99.7	89.8	72.7	55.6	38.9	24.7	13.9	5.3	1.0	45.8	3803	
JUL		99.6	89.1	70.1	51.1	35.0	21.8	11.7	4.9	1.2	44.1	3664	
AUG		99.7	95.4	83.7	67.2	50.8	33.1	19.0	9.2	3.1	51.9	4011	
SEP		99.9	90.4	72.3	53.1	36.9	23.8	12.8	5.3	2.2	45.2	3570	
OCT		99.8	90.9	73.2	53.0	36.7	22.7	12.3	5.8	1.2	45.2	3597	
NOV		99.8	93.2	79.5	65.6	51.4	37.5	12.4	6.2	2.1	50.8	3065	
DEC		100.0	94.2	82.1	61.6	42.5	26.8	14.6	4.9	1.0	48.3	3065	
TOTALS		99.8	91.6	76.5	59.8	42.2	27.8	15.0	7.1	2.3	47.8	42719	

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PRESSURE SUMMARIES

STATION PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

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

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

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

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

STATION PRESSURE IN INCHES HG FROM
POURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 72466C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-87

HOURLY LST	STATS	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
02	MEAN SD TOT OBS													
05	MEAN SD TOT OBS	24.260 .137 1	24.144 .137 5		24.214 .131 43	24.162 .140 212	24.247 .114 215	24.304 .084 212	24.304 .083 226	24.264 .139 203	24.246 .152 181	24.190 .143 1	24.147 .143 10	24.253 .130 1309
08	MEAN SD TOT OBS	24.163 .163 247	24.142 .156 226	24.106 .181 262	24.148 .180 257	24.160 .146 245	24.263 .114 258	24.321 .083 246	24.327 .085 269	24.285 .136 243	24.263 .162 247	24.191 .174 215	24.166 .180 228	24.214 .166 2943
11	MEAN SD TOT OBS	24.170 .166 247	24.142 .160 226	24.101 .181 261	24.133 .177 256	24.162 .150 245	24.244 .116 257	24.307 .084 246	24.316 .089 269	24.272 .140 243	24.252 .163 247	24.183 .178 215	24.169 .182 228	24.205 .167 2940
14	MEAN SD TOT OBS	24.114 .165 241	24.092 .161 225	24.060 .177 254	24.095 .172 254	24.132 .151 242	24.213 .115 252	24.274 .084 244	24.283 .092 262	24.231 .140 239	24.203 .158 243	24.134 .174 209	24.121 .179 223	24.164 .166 2888
17	MEAN SD TOT OBS	24.131 .164 204	24.092 .157 186	24.060 .176 213	24.088 .171 212	24.118 .152 210	24.197 .117 212	24.258 .087 206	24.272 .096 225	24.223 .140 201	24.211 .153 205	24.158 .169 180	24.146 .180 163	24.164 .163 2417
20	MEAN SD TOT OBS	24.159 .164 186	24.131 .156 169	24.104 .173 195	24.127 .167 195	24.151 .146 195	24.222 .118 198	24.284 .091 193	24.301 .097 218	24.259 .139 183	24.249 .153 182	24.200 .166 153	24.170 .195 129	24.199 .161 2196
23	MEAN SD TOT OBS													
ALL HOURLY	MEAN SD TOT OBS	24.148 .165 1126	24.120 .159 1037	24.086 .179 1185	24.122 .175 1217	24.151 .149 1349	24.232 .117 1392	24.292 .088 1347	24.301 .092 1469	24.256 .140 1312	24.237 .159 1305	24.172 .174 973	24.154 .183 981	24.195 .164 14693

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SEA-LEVEL PRESSURE IN MBS FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 77-87

HOURS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
02	MEAN													
	SD													
	TOT OBS													
05	MEAN	1021.3	1014.9		1014.3	1011.6	1013.1	1014.6	1014.9	1014.3	1015.8	1015.7	1013.6	1014.0
	SD		6.462		6.478	6.507	5.223	3.972	4.017	6.695	7.177		7.552	5.851
	TOT OBS	1	5		43	211	215	212	226	203	179	1	9	1305
08	MEAN	1018.6	1017.0	1013.0	1012.7	1012.2	1013.6	1015.1	1015.9	1015.4	1017.2	1017.2	1018.1	1015.4
	SD	7.767	7.352	8.420	8.401	6.766	5.181	3.906	3.930	6.709	7.494	8.633	8.970	7.412
	TOT OBS	247	226	262	257	245	258	246	269	243	247	215	228	2943
11	MEAN	1018.1	1016.1	1012.3	1011.7	1011.2	1012.6	1014.2	1015.1	1014.5	1016.1	1016.0	1017.3	1014.5
	SD	8.019	7.538	8.411	8.355	6.972	5.368	4.593	4.173	6.824	7.537	8.809	9.192	7.550
	TOT OBS	247	226	261	256	245	257	246	269	243	247	214	228	2939
14	MEAN	1015.3	1013.4	1010.2	1009.9	1009.9	1011.2	1012.7	1013.6	1012.6	1013.7	1013.6	1014.9	1012.5
	SD	8.309	7.782	8.290	8.147	7.042	5.353	4.052	4.394	6.843	7.333	8.629	9.049	7.411
	TOT OBS	241	224	254	254	242	252	244	262	239	243	209	223	2887
17	MEAN	1016.4	1013.6	1013.2	1009.8	1009.5	1010.8	1012.4	1013.5	1012.5	1014.5	1015.6	1016.5	1012.8
	SD	7.977	7.865	8.090	8.059	7.184	5.459	4.198	4.631	6.790	7.173	8.427	9.074	7.529
	TOT OBS	204	186	212	212	210	212	206	225	201	206	180	163	2417
20	MEAN	1018.3	1016.2	1012.7	1011.6	1010.8	1011.7	1013.4	1014.8	1014.3	1016.5	1017.7	1017.4	1014.5
	SD	7.973	7.683	8.326	7.958	6.906	5.433	4.301	4.572	6.855	7.287	8.478	9.535	7.505
	TOT OBS	186	169	195	195	194	198	193	218	183	182	153	129	2155
23	MEAN													
	SD													
	TOT OBS													
ALL	MEAN	1017.4	1015.3	1011.7	1011.3	1010.9	1012.2	1013.8	1014.7	1014.0	1015.6	1016.0	1016.8	1014.0
	SD	8.037	7.752	8.344	8.238	6.952	5.417	4.172	4.361	6.859	7.439	8.707	9.179	7.425
HOURS	TOT OBS	1126	1036	1184	1217	1347	1392	1347	1469	1312	1304	972	980	14686

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 (HUNDRETHS)

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

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

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND MONTH.

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

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

NO OCCURRENCES FOR THE MONTH ARE INDICATED BY ZEROS.

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

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

SURFACE WIND SUMMARIES

EXTREME VALUES OF PEAK WINDS

DATA DERIVED FROM SUMMARY OF DAY DATA.

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

SPEEDS PRESENTED IN KNOTS.

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

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

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

DATA DERIVED FROM SUMMARY OF DAY DATA.

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

THE MINIMUM TABLE ALSO INCLUDES A 33 FAHRENHEIT DEGREE INCREMENT.

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

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

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

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM SUMMARY OF DAY DATA.

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

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

AN ASTERISK INDICATES AN INCOMPLETE MONTH.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 69-87
MONTH: ALL

MONTH	TSTMS	RAIN. C/OR DRIZZLE	FRZING RAIN C/OR DRIZZLE	SNOW C/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE C/OR HAZE	BLOWING SNOW	DUST C/OR SAND	% OBS W/OBS TO VISION	TOTAL OBS
JAN		2.5	.2	23.6		24.6	14.9	1.9	2.3		16.6	483
FEB	.2	4.9	2.3	22.6		24.3	16.7	1.5	1.9		17.3	474
MAR	2.0	11.1	1.3	28.4	.2	32.5	18.2	1.5	2.4		20.0	539
APR	9.6	23.5	.6	14.8	1.3	34.0	11.5	.8	1.5		12.3	520
MAY	23.1	39.9	.2	4.6	3.5	41.0	10.2				10.2	519
JUN	34.2	40.1		.4	3.8	40.1	5.5	.6			5.7	524
JUL	44.3	47.6			2.5	47.6	5.2	.6			5.4	521
AUG	39.7	46.4			2.5	46.4	6.2	.6			6.4	519
SEP	12.9	28.4	.2	2.3	.8	29.3	10.0				10.0	482
OCT	1.8	15.0	.6	7.3	.2	19.2	12.8	.2	.4		13.2	494
NOV	.2	6.2	2.2	17.5		20.1	13.1		2.4		13.9	452
DEC	.2	3.5	1.3	20.2		21.5	13.7	.9	3.0		15.2	460
TOTALS	14.0	22.4	.7	11.8	1.2	31.7	11.5	.7	1.2		12.2	5987

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION
FROM SUMMARY OF DAY DATA

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 69-87

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.	70.1	16.8	1.9	4.6	3.3	2.3	.6	.4						13.1	481	.22	1.25	TRACE
FEB	71.5	16.5	1.7	4.5	1.9	2.6	.9	.4						12.0	467	.25	2.06	.01
MAR	62.1	19.8	.8	6.0	3.0	4.5	1.9	1.5	.4					18.1	530	.55	2.96	TRACE
APR	61.9	19.1	2.1	4.7	2.3	4.5	2.9	1.8	.6					19.1	514	1.12	3.57	.01
MAY	48.2	20.8	3.3	7.0	4.5	7.2	3.1	4.3	1.4	.4				31.1	515	1.48	10.34	.20
JUN	47.8	21.2	2.7	9.2	3.4	6.7	3.8	3.6	1.5					31.0	523	2.15	5.53	.33
JUL	41.3	18.3	5.4	12.0	5.4	7.5	5.2	3.5	3.5					40.4	520	3.24	6.61	1.05
AUG	42.4	22.4	3.9	9.9	3.9	7.9	5.2	3.3	2.3					35.3	519	1.93	6.64	.33
SEP	55.9	12.1	1.7	7.3	3.1	4.6	3.5	1.5	.4					22.0	481	1.32	4.75	.08
OCT	75.4	8.3	1.8	3.5	3.5	4.5	1.4	1.0	.6					16.3	492	1.09	5.89	.05
NOV	75.8	12.4	.9	2.9	2.9	2.9	.9	1.3						11.8	451	.41	1.93	TRACE
DEC	74.3	13.4	2.2	4.4	1.5	3.3	.4	.4						12.3	456	.26	.97	TRACE
ANN	61.4	16.2	2.4	6.1	3.2	4.9	2.5	1.9	.9	.3				21.9	5949	14.32		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 69-87

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
69		.32	.60	.54	.53	1.22	1.67	.81	.35	1.00	.47	.20	
70	.35	.37	1.01	.56	.19	.96	1.81	1.50	.54	.25	.37	TRACE	1.50
71	.31	.95	.10	.16	.61	.28	1.28	.56	.30	.19	.10	.10	1.28
72	.17	.29	.73	.13	.35	.59	.83	.60	1.07	.18	.88	.05	1.07
73	.20	.32	.31	.67	1.91	.32	.78	.13	.20	.19	.10	.10	1.91
74	.07	.12	.36	.61	.10	1.12	.51	.45	.26	.88	.09	.17	1.12
75	.07	.25	.05	.42	.22	1.68	2.10	1.40	.32	.21	.70	.20	2.10
76	.25	.24	.56	.46	1.18	.72	.72	1.52	2.00	1.50	.10	.01	2.00
77	.08	.29	TRACE	1.18	.10	1.18	.56	.83	.17	.05	.09	.16	1.18
78	.09	.17	.05	.01	1.37	.17	2.11	.51	.04	.96	.29	.40	2.11
79	.30	.01	.95	1.13	.80	.82	1.21	.99	.65	.31	1.00	.85	1.21
80	.12	.16	.53	1.02	2.94	.33	1.83	.54	.48	.07	.13	.03	2.94
81	.06	.36	.16	.08	1.94	.95	1.74	1.85	.53	.08	TRACE	.60	1.94
82	.25	.20	.25	.50	.78	1.63	2.14	1.47	.76	.13	.70	.24	2.14
83	.20	.12	.51	.42	.99	1.43	.75	.53	.07	.20	.42	.18	1.43
84	.61	.01	.37	.64	.45	.94	2.36	1.23	.45	1.71	.09	.18	2.36
85	.25	.10	.90	.79	1.05	.22	2.07	.50	.43	.23	.16	.24	2.07
86	TRACE	.08	.31	.23	.31	1.01	1.89	2.03	.58	.31	.69	.17	2.03
87	.61	.73	1.30	.17	.53	.91	.61						
MEAN		.165	.256	.528	.702	1.029	1.215	.867	.612	.670	.315		
S.D.		.110	.231	.111	.715	.427	.596	.500	.690	.542	.288		
TOTAL OBS	481	467	530	514	515	523	520	519	481	492	451	456	5949

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724680 STATION NAME: F1 CARSON/BUTTS AAF CO

PERIOD OF RECORD: 69-87

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
69		*.02	*1.10	*1.11	*3.59	3.21	4.22	2.12	.80	2.58	*.74	*.31	
70	*.05	.39	*2.96	1.11	.41	1.94	2.97	2.45	.77	.57	.42	*TRACE	*13.74
71	*.44	*1.43	*.26	*.54	1.51	*.35	4.39	1.14	*.69	*.28	*.10	*.24	*11.37
72	*.30	*.19	*.92	*.16	*1.14	*2.29	*1.89	1.86	*2.72	.49	*1.93	*.12	*14.01
73	*.22	.65	1.21	1.43	3.55	.61	*5.22	.33	.80	*.26	.17	.26	*14.11
74	.22	.24	.49	*1.08	.23	1.89	1.42	1.10	.28	.94	.11	*.37	*8.37
75	*.10	.57	.10	.92	.67	2.62	4.63	1.97	.53	.44	.95	*.20	*13.70
76	*.40	.27	.95	1.01	2.52	2.07	1.79	2.57	4.75	1.50	*.24	*.01	*18.08
77	*.20	.29	TRACE	*2.74	*.20	2.73	*1.77	3.79	*.23	*.05	*.22	*.17	*12.39
78	*.18	*.30	*.15	*.01	*3.40	*.33	*3.19	*1.49	*.08	*.98	*.29	*.97	*11.37
79	*.46	*.01	*1.67	*2.23	*2.73	*1.42	*2.60	*2.72	*.90	*.52	*1.41	*.87	*17.56
80	*.33	*.17	*.71	*3.57	*10.34	*.82	*1.16	*2.33	*.70	*.07	*.23	*.03	*20.46
81	*.06	*.15	*.54	*.11	*3.24	*1.59	*3.87	*6.09	*1.40	*.20	*TRACE	*.60	*17.85
82	*.49	*.32	*.49	*1.04	*2.41	*5.53	*3.64	*5.58	*2.04	*.29	*.91	*.26	*23.00
83	*.26	*.12	*1.60	*.90	*2.50	*3.69	*1.57	*2.75	*.10	*.39	*.67	*.67	*15.22
84	*.90	*.01	*1.39	*1.31	*.70	*2.76	*6.15	*3.82	*.84	*5.89	*.09	*.36	*24.22
85	*.46	*.20	*1.75	*1.96	*3.59	*.62	*6.61	*.74	*1.42	*.49	*.42	*.46	*18.74
86	*TRACE	*.19	*.42	*.37	*1.09	*2.67	*2.75	*6.64	*.98	*1.17	*.70	*.41	*17.39
87	*1.25	*2.06	*1.37	*.17	*2.76	*2.92	*1.05						
MEAN		.252	.550	1.118	1.482	2.153	3.237	1.926	1.322	1.087	.413		
S.D.		.184	.525	.222	1.321	.834	1.393	1.003	1.692	.832	.383		
TOTAL OBS	481	467	530	514	515	523	520	519	481	492	451	456	5949

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL
FROM SUMMARY OF DAY DATA

STATION NUMBER: 72468C STATION NAME: FT. CARSON/BUTTS AAF CO

PERIOD OF RECORD: 69-87

MONTH	AMOUNTS IN INCHES														OVER 50.4	2 DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
	NONE	TRACE	0.1 TO 0.4	0.5 TO 1.4	1.5 TO 2.4	2.5 TO 3.4	3.5 TO 4.4	4.5 TO 6.4	6.5 TO 10.4	10.5 TO 15.4	15.5 TO 25.4	25.5 TO 50.4	MEAN	GREATEST				LEAST		
JAN	69.8	16.8	4.9	4.2	1.8	1.8		.7	.2					13.5	453	4.0	20.3	TRACE		
FEB	71.9	15.6	4.1	4.6	1.9	1.2		.2	.5					12.5	417	2.8	17.7	TRACE		
MAR	68.7	18.4	2.0	4.6	1.8	2.2	.6	1.0	.8					12.9	505	5.8	31.0	TRACE		
APR	80.1	14.1	1.2	1.8	1.2	.6	.2	.4	.2					5.7	488	5.7	9.8	TRACE		
MAY	94.9	3.7	.6	.4	.2	.2								1.4	488	.2	3.2	.0		
JUN	99.6	.4													493	TRACE	TRACE	.0		
JUL	100.0														488	.0	.0	.0		
AUG	100.0														487	.0	.0	.0		
SEP	97.3	2.0		.2		.4								.7	451	.0	6.0	.0		
OCT	93.1	9.1	.2	1.1	.9	.2		.2			.2			2.8	461	1.2	24.1	.0		
NOV	78.5	12.8	1.9	3.5	1.4	.5	.5	.5	.5					8.7	423	2.7	18.3	TRACE		
DEC	75.2	13.3	2.6	4.9	1.9	.9	.5	.2	.5					11.4	428	3.6	11.4	TRACE		
ANN	85.8	8.4	1.5	2.1	.9	.7	.1	.3	.2		.0			5.8	5582	26.0				

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724660 STATION NAME: FT CARSON, BUTTS AAF CO

PERIOD OF RECORD: 69-87

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
69													
70			*10.1	2.0	.2	.0	.0	.0	TRACE	1.5	.2	*TRACE	
71	*5.3	*9.5	*1.5	*2.0	TRACE	*.0	*.0	.0	*3.0	*2.0	*1.2	*1.5	*9.5
72	*1.0	*1.3	*7.4	*TRACE	*.0	*.0	*.0	.0	*.0	1.0	*8.8	*3.3	*8.8
73	*.6	.2	3.1	1.1	1.0	.0	*.0	*.0	.0	*1.9	1.0	1.1	*3.1
74	2.0	.9	4.5	*TRACE	.0	.0	.0	.0	TRACE	TRACE	.1	*2.6	4.5
75	*2.1	2.2	.5	4.0	TRACE	TRACE	.0	.0	*.0	2.0	6.2	*2.0	6.2
76	*2.5	2.3	5.7	8.0	.0	.0	.0	.0	TRACE	TRACE	*1.1	*.6	8.0
77	*3.0	2.9	TRACE	*1.1	*.0	.0	*.0	.0	*.0	*.0	*1.0	*1.9	*3.0
78	*.9	*2.6	*.6	*TRACE	*3.2	*.0	*.0	*.0	*TRACE	*TRACE	*1.0	*.0	*5.0
79	*3.0	*.1	*4.1	*5.0	*.7	*.0	*.0	*.0	*.0	*1.4	*7.0	*10.0	*10.0
80	*1.5	*2.5	*3.0	*6.1	*TRACE	*.0	*.0	*.0	*.0	*TRACE	*1.0	*.7	*6.1
81	*.3	*.9	*2.0	*TRACE	*TRACE	*.0	*.0	*.0	*.0	*TRACE	*TRACE	*7.0	*7.0
82	*.1	*2.0	*4.0	*2.1	*1.8	*.0	*.0	*.0	*.0	*TRACE	*3.6	*2.4	*.0
83	*2.0	*.7	*3.2	*2.0	*TRACE	*.0	*.0	*.0	*TRACE	*.0	*2.0	*1.8	*3.2
84	*5.5	*TRACE	*3.9	*3.0	*.2	*.0	*.0	*.0	*.7	*15.8	*.7	*4.2	*15.8
85	*3.4	*2.2	*9.0	*.3	*.0	*.0	*.0	*.0	*TRACE	*TRACE	*2.5	*2.7	*9.0
86	*TRACE	*1.0	*1.1	*TRACE	*TRACE	*.0	*.0	*.0	*.0	*.0	*4.0	*3.3	*4.0
87	*10.1	*7.0	*5.0	*TRACE	*.0	*.0	*.0						
MEAN		1.70	2.76	3.78	.20	TRACE	.00	.00	TRACE	.90	1.88		
S.D.		1.111	2.475	3.066	.400	.000	.000	.000	.000	.894	2.911		
TOTAL OBS	453	417	505	488	488	493	488	487	451	461	423	428	5582

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 69-87

TOTAL MONTHLY SNOWFALL IN INCHES													
-M-O-N-T-H-S-													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
69													
70			*31.0	4.8	.2	.0	.0	.0	TRACE	1.5	.2	*TRACE	
71	*6.8	*15.6	*3.0	*4.1	TRACE	*.0	*.0	.0	*6.0	*2.8	*1.2	*3.4	*42.9
72	*2.0	*2.9	*8.9	*TRACE	*.0	*.0	*.0	.0	*.0	2.0	*18.3	*5.3	*39.4
73	*.9	.3	13.0	1.3	1.0	.0	*.0	*.0	.0	*1.9	1.1	3.6	*23.1
74	4.0	2.1	5.7	*TRACE	.0	.0	.0	.0	TRACE	TRACE	.1	*5.4	*17.3
75	*2.4	5.2	1.0	9.7	TRACE	TRACE	.0	.0	.0	2.3	9.2	*2.0	*30.8
76	*3.9	3.4	9.1	8.0	.0	.0	.9	.0	TRACE	TRACE	*2.5	*.6	*27.5
77	*7.0	2.9	TRACE	*1.1	*.0	.0	*.0	.0	*.0	*.0	*1.1	*2.2	*14.3
78	*2.0	*4.5	*.7	*TRACE	*3.2	*.0	*.0	*.0	*TRACE	*TRACE	*1.0	*11.4	*22.8
79	*7.5	*.1	*7.1	*5.5	*.6	*.0	*.0	*.0	*.0	*1.4	*10.1	*10.0	*42.5
80	*2.5	*2.5	*5.0	*9.6	*TRACE	*.0	*.0	*.0	*.0	*TRACE	*2.0	*.7	*22.5
81	*.3	*2.3	*2.3	*TRACE	*TRACE	*.0	*.0	*.0	*.0	*TRACE	*TRACE	*7.0	*11.9
82	*6.8	*3.6	*6.6	*2.2	*1.8	*.0	*.0	*.0	*.0	*TRACE	*4.6	*2.6	*28.2
83	*2.6	*.7	*9.7	*2.0	*TRACE	*.0	*.0	*.0	*TRACE	*.0	*4.4	*6.9	*26.3
84	*6.8	*TRACE	*14.0	*5.6	*.2	*.0	*.0	*.0	*.7	*24.1	*.7	*6.0	*60.1
85	*9.7	*4.5	*17.4	*.3	*.0	*.0	*.0	*.0	*TRACE	*TRACE	*5.1	*5.0	*42.0
86	*TRACE	*2.6	*1.5	*TRACE	*TRACE	*.0	*.0	*.0	*.0	*.0	*4.9	*4.8	*13.8
97	*20.3	*17.7	*5.6	*TRACE	*.0	*.5	*.0						
MEAN		2.78	5.76	5.70	.20	TRACE	.00	.00	TRACE	1.16	2.65		
S.D.		1.794	5.464	3.389	.400	.000	.000	.000	.000	1.097	4.390		
TOTAL OBS	453	417	505	488	488	493	488	487	451	461	423	428	5582

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFCDIAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 66-87

MONTH	AMOUNTS IN INCHES												OVER	% DAYS WITH MEAS- URES	TOTAL OBS	MONTHLY AMOUNTS		
	NONE	TRACE	1	2	3	4 TO 6	7 TO 12	13 TO 24	25 TO 36	37 TO 48	49 TO 60	61 TO 120				MEAN	GREATEST	LEAST
JAN	65.0	16.0	7.7	4.9	3.9	1.9	.4	.2						19.0	569			
FEB	73.6	12.9	5.0	5.6	1.0	1.2	.6							13.5	497			
MAR	78.2	8.2	6.0	2.1	1.8	2.7	1.1							13.7	564			
APR	90.6	4.2	1.7	1.3	.2	1.8	.2							5.1	544			
MAY	98.2	1.1	.5		.2									.7	549			
JUN	100.0														553			
JUL	100.0														551			
AUG	100.0														550			
SEP	99.0	.4	.2	.2		.2								.6	523			
OCT	96.2	1.1	.7	.5	.5	.5	.4							2.7	550			
NOV	82.7	7.2	4.7	1.1	2.3	1.7	.4							10.2	531			
DEC	70.1	8.5	7.9	5.1	2.2	4.6	1.6							21.4	505			
ANN	87.8	5.0	2.9	1.7	1.0	1.2	.4	.0						7.2	6486			

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724660 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 66-87

YEAR	DAILY SNOW DEPTH IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
66													
67	*0	*0	*0	*0	*0	0	0	0	*0	*0	*0	*0	
68	0	3	2	0	0	0	0	0	*0	0	*1	*10	*10
69	*1								0	0	2		
70	*1	1	8	5	0	0	0	0	0	0	*2	*0	
71	*8	*7	1	*1	0	*0	*0	0	5	1	TRACE	*TRACE	*8
72	*3	*1	*7	*0	*0	*0	*0	0	*0	TRACE	*9	*6	*8
73	*3	1	2	2	1	0	0	0	0	1	1	2	*9
74	4	1	1	8	0	0	0	0	0	0	TRACE	*6	*3
75	*2	3	1	2	0	0	0	0	0	2	3	*1	8
76	*3	4	8	2	0	0	0	0	0	TRACE	*1	*TRACE	3
77	*3	2	TRACE	*1	*0	0	*0	0	*0	*0	*1	*1	*8
78	*1	*5	*1	*0	*3	*0	*0	*0	*0	*0	*1	*1	*3
79	*3	*1	*5	*5	*1	*0	*0	*0	*0	*0	*TRACE	*9	*9
80	*4	*1	*3	*6	*TRACE	*0	*0	*0	*0	*TRACE	*7	*10	*10
81	*1	*1	*2	*0	*0	*0	*0	*0	*0	*0	*3	*1	*6
82	*3	*3	*4	*2	*TRACE	*0	*0	*0	*0	*0	*0	*7	*7
83	*2	*2	*3	*4	*0	*0	*0	*0	*0	*0	*4	*2	*4
84	*6	*0	*6	*3	*TRACE	*0	*0	*0	*0	*0	*2	*2	*4
85	*3	*2	*10	*6	*0	*0	*0	*0	*TRACE	*11	*1	*4	*11
86	*0	*2	*4	*0	*0	*0	*0	*0	*TRACE	*TRACE	*5	*3	*10
87	*16	*12	*8	*TRACE	*0	*0	*0	*0	*0	*0	*3	*4	*4
MEAN	2.0	2.1	2.9	3.2	.1	.3	.0	.0	.7	.8	1.2		
S.D.		1.215	1.227	2.858	.378	.000	.030	.000	1.890	1.093	1.304		
TOTAL OBS	569	497	564	544	549	553	551	550	523	550	531	505	6486

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

EXTREME VALUES OF SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 72466C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 68-87

YEAR	DAILY PEAK GUSTS IN KNOTS												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
68													
69	26/ 56	28* 37	35* 60	22/ 52	1/ 40	27/ 59	30* 47	1/ 38	36/ 38	36/ 41	36/ 38	25/ 49	35* 60
70	27/ 52	35/ 38	36/ 43	20/ 49	27/ 43	25/ 38	32/ 48	27/ 36	27/ 33	1* 37	29/ 49	25* 45	27/ 52
71	27/ 48	31* 45	6/ 60	34/ 47	25* 70	15/ 44	27/ 63	36/ 39	36/ 45	22/ 47	28/ 38	23* 35	25* 70
72	24* 55	27* 40	15* 35	35* 55	28* 45	34* 44	32* 50	1/ 37	28/ 34	35* 39	1* 40	1/ 38	24* 55
73	36/ 53	36/ 34	1/ 49	36/ 36	36/ 45	26/ 36	36/ 37	22/ 38	36/ 46	36/ 49	1/ 52	34* 60	34* 60
74	35/ 45	34/ 50	27/ 44	35/ 41	16/ 40	32/ 54	32/ 38	30/ 40	33/ 48	23/ 33	30/ 54	34/ 42	32/ 54
75	33/ 52	33/ 66	34/ 58	27/ 51	34/ 57	33/ 39	28/ 38	27/ 35	35* 33	34/ 46	34/ 56	33/ 46	33/ 66
76	33/ 56	33/ 68	24/ 51	18/ 50	35/ 46	34/ 47	35/ 50	30/ 43	23/ 42	35/ 41	35/ 50	34* 37	33/ 68
77	35/ 37	23/ 48	34/ 63	35/ 43	24/ 37	22/ 51	28/ 40	28/ 47	27/ 44	33* 38	30* 60	26* 57	34/ 63
78	28* 32	16* 22	36* 30	35* 55	12* 43	32* 47	34* 44	32* 33	22* 50	34* 46	18* 28	36* 40	35* 55
79	35* 54	35* 42	34* 53	35* 51	22* 44	26* 50	33* 52	26* 37	24* 47	33* 62		35* 40	
80	25* 58	35* 41	30* 49	27* 40	20* 46	19* 46	21* 42	4* 38	34* 25	23* 35	20* 24	24* 26	25* 58
81	34* 29	35* 42	36* 50	22* 37	23* 50	30* 36	26* 43	16* 51	34* 30	21* 38	35* 37	27* 48	16* 51
82	35* 48	24* 52	22* 62	24* 88	35* 45	22* 40	36* 35	35* 51	22* 34	36* 55	24* 41	28* 43	24* 88
83	31* 42	36* 42	36* 51	35* 46	35* 75	36* 33	1* 38	16* 29	36* 50	36* 40	36* 47	28* 49	35* 75
84	36* 36	1* 54	25* 43	34* 43	34* 40	23* 35	35* 38	29* 26	22* 35	22* 27	28* 63	35* 39	28* 63
85	1* 27	36* 28	26* 47	1* 34	34* 47	25* 34	21* 48	27* 38	15* 34	26* 46	26* 48	36* 27	21* 48
86	31* 48	26* 60	35* 39	35* 60	26* 34	28* 46	26* 41	1* 40	25* 43	36* 42	36* 45	35* 42	26* 60
87	30* 52	35* 32	27* 48	36* 47	36* 42	19* 38	28* 56						
MEAN	49.9	50.7	52.6	45.5	44.0	46.0	44.9	39.2	40.8	42.8	45.8	42.6	54.0
S.O.	6.402	14.010	7.892	5.782	6.532	8.246	9.529	3.734	5.449	5.811	9.573	4.679	
TOTAL OBS	479	449	528	505	496	512	513	508	490	504	450	451	5965

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

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 72468C

STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 66-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 95						2.7	7.6	1.7					1.0
GE 90					.5	15.8	30.7	13.4	2.0				5.3
GE 85					2.8	34.2	61.6	44.1	14.6	.2			13.4
GE 80				1.2	12.4	57.2	83.3	71.8	35.8	5.3			22.7
GE 75			1.2	9.6	33.7	74.8	93.4	89.3	59.4	18.4	1.5		32.3
GE 70	.5	1.5	6.2	22.1	51.8	87.5	97.8	94.8	72.1	35.3	6.8	.7	40.4
GE 65	2.8	5.3	15.8	40.4	69.4	93.0	98.8	97.9	82.6	50.6	17.7	2.6	48.8
GE 60	10.7	15.2	29.5	58.9	81.2	95.9	99.5	98.8	89.9	65.6	30.5	11.0	57.9
GE 55	19.5	30.0	44.6	72.3	89.2	98.1	99.8	99.8	93.5	78.0	41.7	21.1	66.3
GE 50	33.6	46.8	58.2	80.3	93.8	99.7	100.0	100.0	97.3	85.7	55.1	35.5	74.3
GE 45	47.1	59.1	72.0	87.6	97.9	100.0			98.6	90.5	69.2	50.4	81.4
GE 40	58.9	71.9	80.5	92.5	99.3				99.5	94.7	79.1	63.6	86.9
GE 35	70.8	80.4	87.8	97.0	100.0				99.8	98.3	86.7	74.6	91.5
GE 30	83.7	87.1	93.0	99.1					100.0	99.1	93.2	81.8	94.6
GE 25	86.5	94.1	97.8	99.8						99.7	97.0	89.5	97.1
GE 20	91.6	96.8	99.3	100.0						100.0	99.8	93.2	98.4
GE 15	94.9	98.3	100.0									97.1	99.2
GE 10	98.1	99.2										98.7	99.7
GE 5	99.6	99.6										99.4	99.9
GE 0	100.0	100.0									100.0	99.6	100.0
GE -5												100.0	100.0
MEAN	41.7	46.2	51.2	60.0	68.5	79.9	85.6	82.6	74.2	63.1	50.8	43.0	62.2
SU	14.354	13.194	12.913	11.982	10.474	9.450	6.960	7.147	10.713	12.180	13.336	13.949	19.072
TOTAL OBS	569	526	596	574	581	584	580	581	556	581	532	544	6804

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 72468C

STATION NAME: FT. CARSON/BUTTS AAF CO

PERIOD OF RECORD: 66-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 80						.3	.3	.2					.1
GE 75						.5	1.4	.3					.2
GE 70				.2	.5	2.1	5.0	1.7					.9
GE 65					1.4	8.2	20.9	9.8	2.3				3.6
GE 60				.5	3.3	29.1	61.9	46.5	12.2	1.5			13.2
GE 55		.2	1.5	3.1	12.0	57.7	92.1	85.4	34.5	3.8	.9		24.8
GE 50	.2	.6	2.7	9.6	33.4	82.4	99.8	99.0	62.6	14.1	2.4	.2	34.5
GE 45	1.9	1.9	6.7	22.1	59.4	94.5	100.0	99.8	82.0	31.8	8.1	1.5	43.2
GE 40	5.8	3.8	13.8	43.4	81.4	98.8	100.0	93.3	57.7	20.3	5.1		52.7
GE 35	13.2	12.9	27.5	66.0	94.0	100.0		98.0	76.9	35.2	17.6		62.5
GE 30	17.2	20.7	37.6	72.5	96.4			98.6	84.3	42.9	23.7		66.8
GE 25	27.2	32.9	52.9	84.8	99.1			99.5	91.9	52.6	32.4		73.4
GE 20	46.6	54.6	74.6	92.5	100.0			100.0	97.4	74.8	51.3		83.1
GE 15	64.3	74.3	87.2	97.9					99.3	88.9	70.2		90.4
GE 10	75.2	87.8	94.3	99.3					99.8	94.9	81.6		94.5
GE 5	93.5	93.0	98.0	99.8					100.0	98.5	90.3		97.0
GE 0	91.4	97.1	99.8	100.0						99.6	95.8		98.7
GE -5	95.4	98.7	100.0							99.8	98.3		99.4
GE -10	98.9	99.0								100.0	98.9		99.7
GE -15	100.0	99.4									99.4		99.9
GE -20		100.0										100.0	100.0
MEAN	22.2	24.8	29.9	37.8	46.2	55.6	61.0	59.1	51.2	40.8	30.7	24.1	40.1
SD	11.674	9.722	9.373	8.902	7.421	6.865	4.898	4.574	7.421	8.342	9.791	10.721	16.008
TOTAL OBS	569	526	596	574	581	584	580	581	556	581	532	544	6804

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72468C

STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 66-87

TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 85I						.3	1.2	.2					.1
GE 83I						4.5	9.8	3.4					1.5
GE 75I					1.0	18.5	44.3	25.0	5.0				8.0
GE 72I				.7	5.0	45.7	80.3	65.4	22.7	.5			18.7
GE 65I			.7	4.2	20.5	71.1	95.0	91.4	48.2	7.7	.6		28.8
GE 60I	.2		2.9	13.8	46.6	86.5	99.0	98.1	72.5	23.9	3.2		37.9
GE 55I	1.2	.4	9.6	31.2	65.9	94.9	99.5	99.3	83.8	44.8	12.2	1.3	46.2
GE 50I	6.0	7.0	19.8	52.1	83.3	98.3	100.0	99.8	92.3	64.9	25.4	.5	55.4
GE 45I	16.2	20.5	37.4	70.9	92.1	99.7		100.0	96.8	90.0	40.6	19.3	65.1
GE 40I	30.8	40.9	57.2	83.3	97.9	100.0			99.1	88.6	56.0	34.6	74.6
GE 35I	46.7	60.1	76.2	91.8	99.5				99.5	95.2	71.1	51.3	83.0
GE 30I	64.5	73.4	86.2	96.9	100.0				100.0	99.0	85.5	67.3	89.7
GE 25I	74.9	85.0	93.3	98.6						99.1	91.9	78.5	93.6
GE 20I	84.4	93.2	97.5	100.0						100.0	97.4	88.0	96.8
GE 15I	89.5	96.4	99.3								99.6	93.2	98.2
GE 10I	93.8	98.3	100.0								99.8	96.7	99.1
GE 5I	97.7	99.2										98.3	99.6
GE 0I	99.6										100.0	99.3	99.9
GE -5I	100.0	100.0										99.6	100.0
GE -10I												100.0	100.0
MEAN	32.2	35.7	40.8	49.1	57.6	66.0	73.5	71.1	63.0	52.2	41.0	33.8	51.5
SD	12.421	10.714	10.265	9.637	8.284	7.469	5.168	5.048	8.340	9.552	10.958	11.829	17.134
TOTAL OBS	569	526	596	574	581	584	580	581	556	581	532	544	6804

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 72468C STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 66-87

YEAR	WHOLE DEGREES FAHRENHEIT -M-O-N-T-H-S-												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
66									*85	*77	*69	*62	
67	*63	*64	*75	*74	88	85	92	91	84	83	*71	62	92
68	64	60	72	78	80	94	94	90	85	80	69	*63	94
69	*66	61	71	78	88	90	95	98	85	79	*68	*64	98
70	*64	67	65	74	86	94	96	94	88	79	73	*68	96
71	*70	62	79	*76	80	97	98	89	90	78	*74	*64	98
72	*63	*70	*74	*72	*82	*85	*95	92	*90	80	*59	*58	*95
73	*60	62	67	74	81	93	99	93	87	80	74	71	99
74	72	65	74	81	90	96	*96	92	89	82	74	*64	96
75	*63	66	70	80	82	94	93	95	91	85	75	*68	95
76	*68	70	72	74	83	94	95	90	90	80	*72	*63	95
77	*59	66	68	*78	*83	94	*98	97	*93	*82	*74	*66	*98
78	*56	*61	*77	*80	*90	*96	*90	*94	*89	*81	*78	*54	*99
79	*49	*72	*65	*76	*80	*92	*95	*98	*93	*81	*68	*64	*98
80	*63	*68	*66	*79	*81	*98	*98	*98	*91	*82	*77	*73	*98
81	*66	*73	*70	*82	*83	*97	*99	*93	*86	*79	*75	*66	*99
82	*65	*66	*63	*72	*78	*90	*96	*88	*88	*82	*66	*72	*96
83	*66	*60	*68	*73	*78	*90	*93	*90	*92	*76	*76	*58	*93
84	*60	*62	*68	*75	*92	*92	*93	*86	*87	*72	*72	*66	*93
85	*60	*64	*71	*78	*86	*96	*98	*95	*85	*80	*70	*57	*98
86	*67	*73	*79	*79	*84	*91	*95	*94	*81	*75	*69	*59	*95
87	*64	*65	*71	*83	*79	*91	*98						
MEAN	63.0	64.3	70.9	77.0	84.2	93.1	95.3	92.8	87.7	80.6	73.0	61.5	
S.D.		3.279	4.137	3.000	3.833	3.381	2.375	2.926	2.550	2.119	2.345		
TOTAL OBS	569	526	596	574	581	584	580	581	556	581	532	544	6804

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

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/HAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724680 STATION NAME: FT CARSON/BUTTS AAF CO

PERIOD OF RECORD: 66-87

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
66									*38	*27	*15	*1	
67	*3	*10	*6	*27	26	48	56	44	42	25	*10	-2	-2
68	7	11	8	21	32	46	46	46	41	29	14	*1	*1
69	*5	15	7	32	38	40	57	52	42	14	*11	*4	*4
70	*13	15	14	15	29	40	56	56	31	21	13	*9	*-3
71	*-10	6	10	*22	31	45	50	51	28	16	*15	*6	*-10
72	*-8	*1	*12	*25	*31	*51	*50	48	*43	20	*10	*-13	*-13
73	*-4	12	20	13	31	39	50	51	38	30	19	1	*-4
74	-9	7	12	22	36	37	54	50	35	34	6	*3	-9
75	*-7	1	5	9	33	36	56	52	40	19	5	*8	*-7
76	*1	1	5	28	35	42	53	50	36	20	*-3	*14	*-3
77	*-2	15	12	*25	*39	50	*54	52	*41	*22	*5	*8	*-2
78	*4	*4	*2	*27	*29	*44	*54	*50	*33	*30	*17	*-14	*-14
79	*-5	*6	*18	*15	*29	*42	*53	*50	*38	*24	*7	*12	*-5
80	*0	*5	*9	*22	*34	*45	*56	*52	*40	*21	*10	*15	*0
81	*13	*-12	*14	*30	*35	*44	*54	*52	*44	*30	*23	*8	*-12
82	*2	*-12	*16	*21	*31	*46	*54	*54	*44	*28	*19	*7	*-12
83	*18	*19	*13	*14	*34	*39	*51	*55	*32	*31	*16	*-6	*-6
84	*-8	*15	*13	*26	*38	*47	*58	*53	*30	*25	*16	*13	*-8
85	*-3	*-6	*14	*22	*38	*39	*50	*47	*29	*29	*10	*2	*-6
86	*19	*3	*24	*30	*32	*44	*54	*53	*38	*37	*17	*3	*3
87	*5	*18	*16	*28	*46	*49	*54						
MEAN	-1.0	9.2	10.3	20.0	32.3	42.3	53.3	50.2	37.0	22.8	11.4	-1.5	
S.D.		5.718	4.822	8.246	3.674	4.739	3.495	3.250	4.975	6.477	5.857		
TOTAL OBS	569	526	596	574	581	584	580	581	556	581	532	544	6804

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