

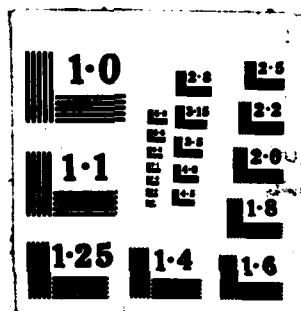
AD-A186 820

CARSWELL AFB TEXAS REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATION... (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A... 24 NOV 87
USAFETAC/DS-87/878 F/C 4/2

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UNCLASSIFIED

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AFB. IL 62225-5458

USAFETAC/DS-87/028

DEC 16 1987

AD-A186 820



PARTS A - F HOURS SUMMARIZED 0000 - 2300 LST

PERIOD OF RECORD:
HOURLY OBSERVATIONS: AUG 77 - JUL 87

SUMMARY OF DAY DATA: NOV 42 - OCT 45,
SEP 46 - JUL 67

DEC 04 1967

**"Approved for public release;
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~~87 12 14 174~~

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REPORT DOCUMENTATION PAGE

- 1a. Report Security Classification: UNCLASSIFIED
3. Distribution/Availability of Report: Approved for public release; Distribution unlimited.
4. Performing Organization Report Number: USAFETAC/DS-87/078.
5. Monitoring Organization Report Number: USAFETAC/DS-87/078.
- 6a. Name of Performing Organization: USAFETAC/OL-A
- 6b. Office Symbol:
- 6c. Address: Federal Building, Asheville, NC 28801-2723.
11. Title: (RUSSWO) Carswell AFB TX.
12. Personal Author(s):
- 13a. Type of Report: Data Summary
- 13b. Time Covered: Nov 42-Oct 45, Sep 46-Jul 87.
14. Date of Report: Dec 87
15. Page Count: 312
16. Supplementary Notation:
17. COGATI Codes: Field--04, Group--02
18. Subject Terms: *Keywords:* climatology; weather; meteorological conditions; ~~winds;~~ ~~precipitation;~~ temperature; visibility; barometric pressure; relative humidity; sky cover; psychrometric data; ceiling; Revised Uniform Summary of Surface Weather Observations (RUSSWO); Carswell AFB TX; Fort Worth AAF TX; Texas; USTX722595.
- This report provides a*
19. Abstract: A six-part statistical data summary of surface weather observations for: Carswell AFB TX. Summary consists of: PART A Weather Conditions and Atmospheric Phenomena; PART B Precipitation; PART C Surface Winds; PART D Ceiling and Visibility; PART E Psychrometric Summaries; PART F Pressure Summaries. See USAFETAC/TN-83/001 (ADA132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWO) for complete description of contents and instructions for use.
20. Distribution/Availability of Abstract: Same as report.
21. Abstract Security Classification: UNCLASSIFIED.
- 22a. Name of Responsible Individual: Marianne L. Cavanaugh
- 22b. Telephone: (618)256-2625
- 22c. Office Symbol: USAFETAC/LDD

REVIEW AND APPROVAL STATEMENT

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This document has been reviewed and is approved for publication.

FOR THE COMMANDER



WALTER S. BURGMANN

Scientific and Technical Information Program Manager

(A)

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STATION NAME: CARSWELL AFB TX

STATION NUMBER: 722595

CALL ID: KFWH

PERIOD OF RECORD:

HOURS SUMMARIZED: 0000-2300 LST

HOURLY OBSERVATIONS: AUG 77 - JUL 87

SUMMARY OF DAY DATA: NOV 42 - OCT 45, SEP 46 - JUL 87

TIME CONVERSION LST TO GMT: +6

DATE PRODUCED: 24 NOV 1987

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

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

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

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

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

STANDARD 3-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 D: CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

AWS#SC 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 10 THROUGH 91. 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.

STATION NO. OR SUMMARY 722595		STATION NAME CARSWELL AFB TEXAS/FORT WORTH		LATITUDE N 32 46		LONGITUDE W 097 26		FIELD ELEV. (FT.) 650		CALL SIGN KFWH		WHO NUMBER	
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE WSL		OBS PER DAY				
			FROM	TO			FIELD (FT)	HT. BARD.					
1	Fort Worth AAF Texas	AAF	Nov 42	May 48	N 32 47	W 097 26	630 ft	612 ft	24				
2	Carswell AFB, Texas	AFB	Jun 48	May 53	Same	Same	Same	Same	24				
3	Same	Same	Jun 53	Mar 58	N 32 46	W 097 27	644 ft	Same	24				
4	Same	Same	Apr 58	Nov 60	Same	Same	660 ft	617 ft	24				
5	Same	Same	Dec 60	Dec 70	N 32 47	W 097 26	Same	Same	24				
6	Same	Same	Jan 71	Feb 78	N 32 46	Same	650 Ft	Same	24				
7	Same	Same	Mar 78	Dec 84	Same	Same	Same	Same	24				
8	Same	Same	Jan 85	Jul 87	Same	Same	Same	Same	24				

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Sep 46	Not available.	Anemometer	N/A	N/A	
2	Jun 53	Located on top of control tower.	Selsyn	ML 144	65 ft.	
3	Apr 56	Located on the control tower.	Same	Same	50 ft.	
4	Apr 57	Located near runway.	AN/GNQ-11	RO-2	12 ft.	
5	Dec 60	Located 150 yds E of N-S runway in open area.	Same	Same	15 ft.	
6	May 63	Located 150 yds E of S runway in open area.	Same	Same	13 ft.	
7	Jan 64	1. Located 450 ft E of S runway. 2. Located 520 ft E of N runway.	Same Same	Same Same	Same Same	
8	Apr 69	1. Same 2. Same	Same Same	RO-362	Same Same	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION					REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION		TYPE OF TRANSMITTER	TYPE OF RECORDED	HT. ABOVE GROUND	
9	Feb 78	1. Same 2. Same		Same Same	Same	Same Same	
10	Dec 84	1. Same 2. Same		Same Same	Same	Same Same	

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WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

WEATHER CONDITIONS SUMMARY

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

ATMOSPHERIC PHENOMENA SUMMARY

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

DEFINITIONS:

THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

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

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

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

HAIL: ALL REPORTED HAIL.

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: JAN

FOURS (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	.1	8.2	.8	1.1		9.9	15.5	.4	.4		16.3	930
03-05	.3	7.1	1.3	.6		8.8	20.0	.8	.2		20.9	930
06-09	.1	8.3	1.3	.6		10.2	23.0	1.4	.3	.1	24.5	930
09-11	.5	7.3	1.6	1.9		10.3	24.5	6.2	.2	.2	29.4	930
12-14		7.2	.9	2.4		10.1	15.1	4.8			19.2	930
15-17	.2	9.1	.3	2.2	.1	11.3	13.4	3.7		.1	16.5	930
18-20	.3	8.0	.8	1.5		10.0	13.9	3.2	.1	.2	17.6	930
21-23		8.4	1.0	1.2		10.4	14.2	.5	.4		14.9	930
TOTALS	.2	8.0	1.0	1.4	.0	10.1	17.5	2.6	.2	.1	19.8	7440

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: FEB

FOURS (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	.8	8.6	1.4	2.6		11.6	16.4	1.1	.2	.7	18.1	846
03-05	.9	9.2	1.8	2.7		12.2	20.1	.6	.1	.4	21.0	846
06-08	.6	9.3	1.7	3.5		12.8	29.1	2.5	.1		31.1	846
09-11		7.8	1.1	4.4		12.6	28.0	7.8	.1		34.5	846
12-14	.2	7.4	.8	2.8		10.8	17.5	6.5	.1	.4	24.0	846
15-17	.1	7.0	.5	2.6		9.2	14.7	6.0		.6	20.9	846
18-20	.6	7.2	.8	1.3		9.0	13.9	3.0		.7	17.3	846
21-23	1.1	6.2	1.5	2.4		10.9	13.4	1.8		.6	15.2	846
TOTALS	.5	8.1	1.2	2.8		11.1	19.1	3.7	.1	.4	22.8	6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: MAR

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	1.6	5.5				5.5	6.3	.9		.1	7.1	930
03-05	1.1	8.0	.1	.3		8.3	13.7	.6			14.1	930
06-08	1.3	9.0		.2		9.2	24.0	4.5			26.6	930
09-11	.3	8.3		.2		8.5	18.1	8.1			23.9	930
12-14	.4	5.2		.4		5.5	8.6	4.4		.1	12.6	930
15-17	1.1	5.7		.2	.1	5.7	6.5	3.9		.3	10.5	930
18-20	2.3	6.9				6.9	6.2	1.2		1.7	9.1	930
21-23	1.3	5.8				5.8	4.9	.2		1.3	6.2	930
TOTALS	1.2	6.8	.0	.2	.0	6.9	11.0	3.0		.4	13.8	7440

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: APR

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	1.2	3.7				3.7	7.6	1.0		.9	9.1	900
03-05	.8	4.4				4.4	10.7	1.8		.8	12.8	900
06-08	.6	4.8				4.8	21.4	5.9		.3	25.3	900
09-11	.8	5.2				5.2	11.7	6.7		.2	17.7	900
12-14	.9	4.1				4.1	4.7	5.0		.6	10.1	900
15-17	1.6	3.9			.2	3.9	3.2	3.8		.6	7.1	900
18-20	2.7	5.4			.1	5.4	3.2	3.3		.9	6.9	900
21-23	1.3	4.6				4.6	4.7	1.4		.9	6.4	900
TOTALS	1.2	4.5			.0	4.5	8.4	3.6		.7	11.9	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AWC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

PERIOD OF RECORD: 76-87
MONTH: MAY

HOURS (LST)	TSMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	4.1	7.4			.1	7.4	9.2	1.6			10.4	930
03-05	4.0	8.5				8.5	16.3	2.2			17.7	930
06-08	2.9	9.0				9.0	31.3	6.5			34.7	930
09-11	1.6	4.8				4.8	14.5	11.5			23.8	930
12-14	1.5	5.5				5.5	5.3	6.9			11.5	930
15-17	2.3	4.8			.1	4.8	2.7	5.7			8.0	930
18-20	4.9	7.8			.1	7.8	3.3	3.5		.1	6.8	930
21-23	4.0	6.7				6.7	3.0	1.0		.4	4.2	930
TOTALS	3.2	6.8			.0	6.8	10.7	4.9		.1	14.6	7440

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

PERIOD OF RECORD: 76-87
MONTH: JUN

HOURS (LST)	TSMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	1.8	4.1				4.1	2.9	.3			3.2	900
03-05	3.1	7.1				7.1	8.4	2.1			9.8	900
06-08	1.4	6.7				6.7	19.4	8.0			24.2	900
09-11	1.1	4.0				4.0	6.1	6.2			11.7	900
12-14	.7	2.6				2.6	1.3	3.6			4.8	900
15-17	1.9	3.9				3.9	.8	1.3			2.1	900
18-20	2.0	3.3				3.3	.6	1.9			2.4	900
21-23	1.8	3.8				3.8	.9	1.0			1.8	900
TOTALS	1.7	4.4				4.4	5.1	3.1			7.5	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: JUL

HOURS (LST)	TSMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.9	.9				.9	1.0	1.9			2.9	930
03-05	.8	1.3				1.3	2.4	3.3			5.7	930
06-08	.5	1.6				1.6	6.9	12.0			17.4	930
09-11	.6	2.3				2.3	2.0	9.4			11.2	930
12-14	1.8	2.3				2.3	.4	4.5			4.9	930
15-17	2.6	2.4				2.4	.1	3.7			3.8	930
18-20	1.3	1.7				1.7	.3	2.0			2.4	927
21-23	.3	.4				.8	.4	1.6			2.0	927
TOTALS	1.1	1.7				1.7	1.7	4.4			6.3	7434

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: AUG

HOURS (LST)	TSMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HALE	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	1.3	2.0				2.0	.3	.4			1.0	930
03-05	.9	2.9				2.9	1.7	2.4			3.5	930
06-08	.9	2.8				2.8	6.8	15.1			19.7	930
09-11	.4	1.9				1.9	1.9	11.7			13.3	930
12-14	1.0	2.0				2.0	.8	5.1			5.8	930
15-17	2.8	2.9				2.9	.1	3.9			4.0	930
18-20	1.1	1.9				1.9		2.3		.1	2.4	930
21-23	.5	1.3				1.3		1.0			1.0	930
TOTALS	1.1	2.2				2.2	1.5	5.3		.0	6.3	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: SEP

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	WAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.6	4.2				4.2	3.8	.7			4.4	900
03-05	.6	5.1				5.1	7.3	1.3			8.4	900
06-08	.3	6.6				6.6	20.6	12.2			29.7	900
09-11	.7	6.7				6.7	8.3	16.9			23.8	900
12-14	1.4	5.7				5.7	3.2	6.4			9.7	900
15-17	1.2	4.1				4.1	2.4	3.4			5.9	900
18-20	.4	3.2				3.2	2.4	2.0			4.4	900
21-23	.3	3.4				3.4	2.2	.7			2.9	900
TOTALS	.7	4.9				4.9	6.3	5.5			11.2	7200

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: OCT

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	WAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	1.0	5.6				5.6	7.6	.2			7.8	930
03-05	.6	6.7				6.7	11.2	.8			11.6	930
06-08	.6	8.0				8.0	22.6	6.7			25.9	930
09-11	1.2	8.5				8.5	16.5	9.2		.2	24.1	930
12-14	.8	7.3				7.3	7.7	2.5		.3	10.1	930
15-17	1.2	6.5				6.5	6.1	1.2		.1	7.0	930
18-20	.6	4.6				4.6	5.2	1.6		.2	6.7	930
21-23	.6	5.1				5.1	5.7	.6			6.1	930
TOTALS	.8	6.5				6.5	10.3	2.9		.1	12.4	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: NOV

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	MAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.4	7.9				7.9	9.8	.3			10.0	900
03-05	1.1	8.1				8.1	15.2	1.1			16.1	900
06-08	.7	9.6		.1		9.7	26.7	3.7			27.9	900
09-11	.2	9.2				9.2	21.9	7.4			27.2	900
12-14		7.2				7.2	11.7	4.3			15.8	900
15-17	.3	5.9				5.9	9.8	2.9			12.2	900
18-20	.2	4.9				4.9	8.9	1.0			9.8	900
21-23	.6	6.1	.1			6.2	7.1	.4			7.6	900
TOTALS	.4	7.4	.0	.0		7.4	13.9	2.6			15.8	7200

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: DEC

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	MAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.1	7.1	1.1	1.0		8.8	14.4	.5		.8	15.5	930
03-05	.3	8.5	1.1	1.0		10.2	18.2	1.4		.3	19.4	930
06-08		9.0	1.5	.6		11.0	24.7	1.7			25.8	930
09-11	.1	8.5	.4	1.3		9.7	24.0	5.2			27.5	930
12-14	.2	6.7		1.0		7.3	14.8	2.9			17.3	930
15-17		6.3	.2	.8		7.3	11.6	3.2		.3	14.4	930
18-20	.3	6.6	.3	.2		7.0	10.8	1.3		.5	12.2	930
21-23	.1	6.9	.6	.6		8.1	11.7	1.0		.8	12.8	930
TOTALS	.1	7.5	.7	.8		8.7	16.3	2.2		.3	18.1	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-87
MONTH: ALL

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	PAIL	% OBS WITH PRECIP	FOG	SNOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/OBST TO VISION	TOTAL OBS
JAN ALL	.2	8.0	1.0	1.4	.0	10.1	17.5	2.6	.2	.1	19.8	7440
FEB	.5	8.1	1.2	2.8		11.1	19.1	3.7	.1	.4	22.8	6768
MAR	1.2	6.8	.0	.2	.0	6.9	11.0	3.0		.4	13.8	7440
APR	1.2	4.5			.0	4.5	8.4	3.6		.7	11.9	7200
MAY	3.2	6.8			.0	6.8	10.7	4.9		.1	14.6	7440
JUN	1.7	4.4				4.4	5.1	3.1			7.5	7200
JUL	1.1	1.7				1.7	1.7	4.8			6.3	7434
AUG	1.1	2.2				2.2	1.5	5.3		.0	6.3	7440
SEP	.7	4.9				4.9	6.3	5.5			11.2	7200
OCT	.8	6.5				6.5	10.3	2.9		.1	12.4	7440
NOV	.4	7.4	.0	.0		7.4	13.9	2.6			15.8	7200
DEC	.1	7.5	.7	.8		8.7	16.3	2.2		.3	18.1	7440
TOTALS	1.0	5.7	.2	.4	.0	6.3	10.2	3.7	.0	.2	13.4	87642

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 49-87
MONTH: ALL

MONTH	1STHS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HAIL	3 OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	3 OBS W/OBST TO VISION	TOTAL OBS
JAN	3.1	32.5	6.0	9.2	.2	34.8	37.6	18.9	.7	.1	43.9	1209
FEB	6.5	32.7	2.8	7.3	1.1	35.0	36.0	21.8	.6	.5	44.0	1101
MAR	12.6	33.4	.5	2.3	1.9	33.9	28.0	19.7	.1	.7	36.9	1209
APR	19.3	37.2	.1		2.2	37.2	30.9	21.6		.1	38.6	1169
MAY	26.0	39.7			2.1	39.7	31.7	23.6			40.6	1209
JUN	20.2	29.6			1.0	29.6	17.4	15.9			25.6	1155
JUL	14.6	23.1			.7	23.1	9.2	12.7			16.7	1209
AUG	14.8	24.0			.3	24.0	10.3	20.1		.1	24.6	1177
SEP	11.4	29.1			.4	29.1	25.4	25.8		.1	38.2	1140
OCT	9.8	28.4			.3	28.4	27.6	21.0			36.8	1178
NOV	5.4	27.9	.2	1.7	.4	28.6	30.3	15.3			35.7	1138
DEC	2.5	28.7	2.6	4.0	.1	29.5	32.5	16.2		.2	37.9	1178
TOTALS	12.2	30.5	1.0	2.0	.9	31.1	26.4	19.4	.1	.1	35.0	14072

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PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

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

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA IS SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMBINED.

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

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

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

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

DATA DERIVED FROM SUMMARY OF DAY DATA

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

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

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

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

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

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

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

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND MONTH.

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

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

NO OCCURRENCES FOR THE MONTH ARE INDICATED BY ZEROS.

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

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 42-87

AMOUNTS IN INCHES

MONTH	NONE	TRACE	.01	.02	.06	.11	.26	.51	1.01	2.51	5.01	10.01	OVER 20.00	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
				TO .05	TO .10	TO .25	TO .50	TO 1.00	TO 2.50	TO 5.00	TO 10.00	TO 20.00				MEAN	GREATEST	LEAST
JAN	64.7	15.3	2.6	5.5	2.6	3.5	2.3	2.2	1.0	.1				20.0	1364	1.69	5.94	TRACE
FEB	63.8	14.6	1.9	4.6	2.4	4.5	4.0	2.4	1.6	.2				21.6	1243	2.01	8.35	.12
MAR	64.9	14.3	1.6	3.5	2.7	4.4	3.6	3.2	1.8	.1				20.8	1364	2.36	6.48	.01
APR	63.0	12.8	2.0	3.6	2.3	4.5	3.6	4.8	3.0	.5				24.2	1320	3.49	14.16	.21
MAY	59.8	12.9	2.1	3.7	2.2	4.5	5.0	5.4	4.0	.4	.1			27.3	1364	4.42	15.17	.60
JUN	71.1	9.6	.8	2.9	1.4	3.6	3.8	3.0	3.6	.2				19.3	1320	3.12	8.76	.07
JUL	76.8	8.1	.7	2.9	2.1	2.6	2.0	2.2	2.2	.2	.1			15.0	1364	2.27	9.03	TRACE
AUG	76.5	9.2	.9	2.6	1.7	2.9	2.4	1.7	1.9	.2				14.3	1333	1.91	5.98	TRACE
SEP	70.9	8.9	1.5	3.7	2.1	3.6	2.3	3.1	2.9	.9				20.2	1320	3.41	9.59	.01
OCT	72.1	10.0	.8	3.0	1.5	2.9	3.4	2.9	2.9	.4				17.8	1364	3.13	10.65	TRACE
NOV	70.9	11.1	1.6	3.8	2.6	3.0	3.1	2.2	1.5	.2				18.0	1290	1.79	7.37	TRACE
DEC	69.9	12.2	1.8	3.8	2.6	3.1	2.6	2.4	1.6	.1				18.0	1364	1.92	6.67	TRACE
ANN	68.7	11.6	1.5	3.6	2.2	3.6	3.2	3.0	2.3	.3	.0			19.7	16010	31.52		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 42-87

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
42													.62
43	.07	.12	1.97	1.75	1.07	2.68	.81	TRACE	3.79	1.04	.51	2.13	3.79
44	1.20	.95	.50	1.97	1.75	.70	2.02	1.23	.69	1.65	.86	.75	2.02
45	.86	2.85	1.29	.99	.60	1.10	2.13	1.08	1.86	1.64			
46									1.96	1.68	2.84	2.93	
47	2.57	.46	.72	1.93	1.10	1.56	TRACE	1.87	2.90	1.29	1.50	1.58	2.90
48	.39	1.87	.28	.80	1.40	1.39	.85	1.08	.22	.12	.04	.32	1.87
49	1.94	2.95	1.70	1.20	5.00	2.30	.17	.14	.85	2.29	TRACE	.33	5.00
50	2.29	1.04	1.39	1.03	2.04	1.06	1.84	1.92	2.35	.02	TRACE	TRACE	2.35
51	.56	1.27	.06	1.63	.83	1.80	1.23	.30	1.11	.69	.35	.10	1.80
52	.48	.69	.32	1.36	1.90	.07	.54	.60	1.23	TRACE	2.03	1.25	2.03
53	.17	.43	2.20	1.99	1.22	1.30	2.69	1.35	.95	2.44	1.10	.68	2.69
54	.63	.09	.30	1.11	1.49	.36	.97	.69	.10	.42	1.06	.93	1.49
55	.97	1.12	.94	.48	2.46	1.95	.39	.55	1.50	.91	.59	.10	2.46
56	1.10	1.52	.01	1.62	2.91	1.15	.10	.65	.01	1.21	.77	1.95	2.91
57	.55	1.18	1.15	3.30	5.69	1.07	.75	TRACE	1.50	1.66	1.21	.92	5.69
58	.74	.26	.81	1.61	.95	.49	1.54	1.22	2.60	2.10	.78	.79	2.60
59	.05	.27	.96	.92	.74	2.56	1.01	.48	2.16	2.01	.81	.94	2.56
60	1.34	.65	.22	1.05	1.07	.37	.92	1.00	.51	.81	.10	2.49	2.49
61	2.79	.82	1.32	.61	.50	3.47	1.58	.95	.92	2.81	1.17	.56	3.47
62	.30	.46	1.02	1.49	.49	1.02	2.54	2.52	4.00	1.53	1.13	.28	4.00
63	.43	.08	.83	1.90	.92	.79	.81	1.54	.94	.50	.66	.93	1.90
64	1.37	.58	.99	.43	1.85	.46	1.60	1.82	3.17	.27	1.51	.86	3.17
65	1.77	2.13	.49	.66	2.52	.75	.41	.44	2.54	1.55	1.06	.62	2.54
66	.61	1.01	.93	2.58	1.73	1.58	1.70	1.16	2.24	.37	.41	.84	2.58
67	.15	.07	.67	2.13	1.68	.40	1.02	.27	1.30	1.23	.48	1.14	2.13
68	1.55	.49	2.50	1.05	1.47	1.46	1.02	2.94	2.78	1.04	1.27	.32	2.94
69	1.37	.82	1.85	1.92	1.84	2.29	1.53	1.85	3.15	2.70	.21	1.89	3.15
70	.52	1.75	.72	2.69	.67	.20	.51	.90	2.67	.74	.27	.12	2.69
71	.08	.70	.19	1.41	1.62	.26	1.06	1.10	.52	3.19	1.05	2.41	3.19

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 42-87

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
72	.32	.13	.35	1.33	.50	1.02	.80	1.99	.85	3.08	.59	.11	3.08
73	1.36	1.37	1.04	1.36	1.26	2.39	2.03	.02	1.29	1.90	1.11	.20	2.39
74	.75	1.34	.39	.77	1.40	2.00	.56	3.13	2.25	1.73	.68	.42	3.13
75	.90	1.67	.37	2.98	1.44	1.47	5.87	.20	1.01	.03	.36	1.88	5.87
76	.05	.22	.93	1.18	2.42	.92	1.90	2.17	.69	1.93	.26	1.25	2.42
77	.45	1.21	3.43	.75	1.69	.43	.47	1.16	2.38	.40	1.14	.26	3.43
78	.51	.93	1.20	.96	1.87	.19	.26	.85	.20	.42	.86	.19	1.87
79	2.31	.69	.99	1.97	2.38	.50	.64	1.15	.67	2.82	.23	1.46	2.82
80	.90	.71	1.00	.83	.83	.18	TRACE	TRACE	2.82	.74	.85	1.29	2.82
81	.20	.66	2.02	.77	2.22	1.10	1.20	1.38	2.31	2.96	1.54	.08	2.96
82	1.40	1.51	.61	.95	1.87	1.64	1.73	.47	.90	.97	1.91	1.09	1.91
83	1.50	.27	.95	.16	1.24	1.52	1.63	1.33	.86	1.91	.39	.15	1.91
84	.84	.90	2.11	.57	1.58	1.10	.25	1.02	.20	2.25	.98	.76	2.25
85	.28	.72	1.33	2.29	2.00	1.26	3.09	TRACE	1.94	1.62	.83	.52	3.09
86	TRACE	1.26	.48	2.65	2.68	2.02	.61	1.30	2.00	.50	.98	.65	2.68
87	.70	1.13	.50	.08	2.61	1.40	1.53						
MEAN	.894	.940	1.001	1.391	1.716	1.221	1.234	1.066	1.611	1.390	.848	.888	2.834
S.D.	.716	.674	.713	.752	1.026	.781	1.030	.780	1.057	.910	.581	.730	.992
TOTAL OBS	1364	1203	1364	1320	1364	1320	1364	1333	1320	1364	1290	1364	16010

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 42-87

YEAR	TOTAL MONTHLY PRECIPITATION IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H-S-		AUG	SEP	OCT	NOV	DEC	
						JUN	JUL						
42												1.18	
43	.08	.12	3.74	2.16	4.70	4.58	.81	TRACE	4.71	1.74	.63	4.15	27.42
44	2.85	3.62	1.29	3.40	7.15	1.23	2.64	2.62	1.23	2.12	1.31	2.47	31.93
45	1.92	8.35	6.18	3.44	1.25	3.94	3.34	2.16	4.21	2.78			
46									2.98	1.96	7.37	4.46	
47	2.97	.51	2.40	4.11	3.17	4.28	TRACE	4.49	6.66	3.87	2.00	4.84	39.30
48	.76	2.65	.85	.84	3.39	2.66	2.62	1.90	.23	.32	.06	.35	16.63
49	3.88	3.94	3.19	2.77	12.28	4.74	.31	.14	2.17	5.54	TRACE	1.06	40.02
50	5.94	2.21	1.39	3.56	6.53	2.90	4.08	4.14	5.60	.02	TRACE	TRACE	36.37
51	.63	2.28	.09	3.07	2.86	6.36	1.29	.64	2.05	1.76	.89	.16	22.08
52	.67	1.56	.84	6.14	3.55	.07	.88	1.07	1.54	TRACE	6.26	2.74	25.32
53	.26	1.56	2.99	3.18	3.36	1.30	3.51	2.43	1.09	8.22	1.39	.80	30.09
54	1.14	.12	.31	3.15	3.45	.36	1.31	.69	.18	1.16	1.37	1.58	14.82
55	1.44	2.37	2.44	1.15	7.22	5.42	.79	1.36	2.99	1.40	.59	.10	27.27
56	1.97	3.39	.01	3.91	4.02	1.15	.19	.79	.01	3.12	1.48	3.67	23.71
57	1.33	2.86	3.99	14.16	15.17	4.45	.75	TRACE	4.52	3.89	4.44	1.85	57.41
58	1.68	.95	3.63	7.48	2.07	.75	3.08	1.83	5.75	3.04	1.51	1.80	33.57
59	.10	.94	1.48	2.50	2.52	7.79	3.63	1.19	3.79	7.36	.99	2.78	35.07
60	2.25	1.58	.48	2.34	2.84	1.32	2.49	4.23	1.36	1.96	.13	5.84	26.82
61	4.23	2.31	2.87	1.40	1.58	6.15	3.12	1.03	1.67	3.85	2.49	2.39	33.09
62	.50	1.13	1.89	2.52	.60	3.68	5.77	3.81	8.28	2.31	2.27	.68	33.44
63	.75	.13	.99	4.64	3.46	1.72	.89	1.58	1.08	.51	1.38	1.23	18.36
64	2.47	1.08	3.51	1.80	3.61	.91	1.78	3.29	9.59	.41	4.57	.91	33.73
65	3.11	4.53	1.16	1.74	6.58	2.18	.81	1.36	3.42	2.52	1.65	1.47	30.53
66	1.31	1.80	1.16	8.38	2.39	4.40	3.14	3.62	5.08	.52	.58	1.42	33.80
67	.18	.20	1.88	5.00	4.51	.72	3.49	.44	5.68	2.74	1.13	2.75	28.72
68	4.34	1.54	6.44	3.07	3.79	4.49	3.60	3.48	3.65	1.16	3.23	.68	39.51
69	1.56	2.04	4.70	4.66	5.29	3.32	1.58	3.09	7.04	4.45	.50	4.24	42.47
70	.76	4.69	3.24	5.78	1.36	.32	.56	1.37	7.71	1.43	.29	.24	27.75
71	.17	1.67	.23	2.95	3.07	.91	3.76	2.70	1.43	7.23	2.13	6.67	32.92

NOTE * (BASED ON LESS THAN FULL MONTHS)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 42-87

TOTAL MONTHLY PRECIPITATION IN INCHES													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
72	.56	.20	.36	2.10	1.23	1.38	1.37	4.13	3.33	7.04	1.87	.27	23.92
73	3.53	2.09	2.79	4.76	4.02	8.76	8.45	.02	4.25	6.00	2.19	.27	47.13
74	.94	1.44	.50	1.53	2.28	5.44	.61	5.98	6.75	5.28	2.25	1.41	34.41
75	1.60	3.19	1.45	3.51	4.43	3.83	9.03	.42	1.14	.03	.73	2.04	31.40
76	.12	.43	2.37	5.50	5.84	2.44	4.92	2.94	2.71	7.73	.37	2.24	37.61
77	2.62	1.75	5.23	2.09	2.25	.50	.51	2.04	2.56	.99	1.62	.36	22.52
78	1.53	2.63	1.90	1.93	3.97	.30	.51	1.70	.49	.46	2.32	.30	18.04
79	4.37	1.51	5.19	4.94	6.37	1.22	1.31	2.44	1.02	3.78	.39	2.99	35.53
80	1.53	.91	1.47	2.50	3.09	.18	TRACE	TRACE	7.08	.79	1.14	1.32	20.01
81	.34	1.00	4.61	2.08	5.30	4.55	1.89	1.97	4.82	10.65	1.87	.09	39.17
82	2.34	1.85	1.72	2.12	7.95	5.61	2.20	.52	.96	2.12	2.62	3.07	33.08
83	2.34	1.14	1.89	.36	5.38	4.71	2.06	1.89	.90	3.48	1.66	.34	26.15
84	1.15	1.86	4.98	1.01	3.22	1.67	.48	1.25	.48	6.73	2.16	3.44	28.43
85	.52	1.36	4.01	5.30	3.66	2.50	3.20	TRACE	5.04	3.37	1.83	.58	31.37
86	TRACE	3.00	1.02	4.39	7.30	8.49	.94	1.54	3.00	1.85	3.14	3.03	37.70
87	1.65	3.84	1.03	.21	6.58	3.73	2.04						
MEAN	1.691	2.008	2.362	3.489	4.424	3.123	2.267	1.914	3.414	3.129	1.786	1.915	31.154
S.D.	1.397	1.529	1.717	2.434	2.765	2.327	2.001	1.457	2.477	2.595	1.549	1.649	8.381
TOTAL OBS	1364	1243	1364	1320	1364	1320	1364	1333	1320	1364	1290	1364	16010

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 46-87

MONTH	AMOUNTS IN INCHES														% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
	NONE	TRACE	0.1 TO 0.4	0.5 TO 1.4	1.5 TO 2.4	2.5 TO 3.4	3.5 TO 4.4	4.5 TO 6.4	6.5 TO 10.4	10.5 TO 15.4	15.5 TO 25.4	25.5 TO 50.4	OVER 50.4	MEAN			GREATEST	LEAST	
JAN	90.4	6.5	.6	1.1	.7	.6	.1	.1						3.2	1269	1.4	8.0	.0	
FEB	92.7	5.2	.6	.7	.5	.2			.1					2.1	1157	.9	11.9	.0	
MAR	97.4	2.0	.4	.1			.1		.1					.6	1271	.3	7.3	.0	
APR	100.0														1230	.0	.0	.0	
MAY	100.0														1271	.0	.0	.0	
JUN	100.0														1230	.0	.0	.0	
JUL	100.0														1271	.0	.0	.0	
AUG	100.0														1240	.0	.0	.0	
SEP	100.0														1230	.0	.0	.0	
OCT	100.0														1271	.0	.0	.0	
NOV	98.5	1.3		.2			.1							.2	1230	.1	3.6	.0	
DEC	95.7	3.2	.6	.3	.1	.2								1.1	1271	.3	3.3	.0	
ANN	97.9	1.5	.2	.2	.1	.1	.0	.0	.0					.6	14941	3.0			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 46-87

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
46									.0	.0	.0	2.0	
47	TRACE	TRACE	4.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.0
48	2.8	TRACE	.2	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.8
49	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.9
50	2.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0
51	1.6	3.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	3.0
52	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
53	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7
54	.3	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.3
55	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
56	3.2	.3	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2
57	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.6
58	TRACE	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	3.3	3.3
59	.4	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
60	TRACE	1.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
61	3.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
62	3.5	TRACE	7.3	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	7.3
63	3.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.2
64	5.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.0
65	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
66	*3.0	*.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	*3.0
67	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3
68	TRACE	1.6	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.6
69	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
70	TRACE	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
71	.0	TRACE	.3	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.3
72	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	.5
73	1.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.7
74	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
75	TRACE	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0

NOTE * (BASED ON LESS THAN FULL MONTHS)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 46-87

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
76	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	3.6	.0	3.6
77	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
78	2.5	8.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6	8.0
79	1.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
80	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.6
81	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
82	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
83	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	2.7
84	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
85	1.2	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.2
86	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	1.0
87	TRACE	TRACE	.3	.0	.0	.0	.0						
MEAN	.95	.63	.31	.00	.00	.00	.00	.00	.00	.00	.11	.28	1.08
S.D.	1.324	1.450	1.283	.000	.000	.000	.000	.000	.000	.000	.571	.735	1.880
TOTAL OBS	1269	1157	1271	1230	1271	1230	1271	1240	1230	1271	1230	1271	14941

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 46-87

TOTAL MONTHLY SNOWFALL IN INCHES													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46												2.0	
47	TRACE	TRACE	4.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.0
48	6.3	TRACE	.2	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.5
49	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0
50	2.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0
51	2.8	4.4	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	7.2
52	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
53	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9
54	.3	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.3
55	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
56	3.2	.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
57	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.6
58	TRACE	1.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	3.3	4.4
59	.4	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
60	TRACE	1.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
61	3.5	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.5
62	3.5	TRACE	7.3	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	10.8
63	3.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.4
64	8.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	8.0
65	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
66	45.4	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	45.6
67	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3
68	TRACE	1.6	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.6
69	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
70	TRACE	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
71	.0	TRACE	.5	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.5
72	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.5	1.0	1.5
73	3.3	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.3
74	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
75	TRACE	1.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.9

NOTE * (BASED ON LESS THAN FULL MONTHS)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

PERIOD OF RECORD: 46-87

TOTAL MONTHLY SNOWFALL IN INCHES													
YEAR	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H-S-		AUG	SEP	OCT	NOV	DEC	ALL MONTHS
						JUN	JUL						
76	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	3.6	.0	3.6
77	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6
78	5.7	11.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6	18.3
79	1.7	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
80	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.8
81	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
82	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
83	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	3.1
84	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
85	2.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.8
86	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	1.0
87	TRACE	TRACE	.3	.0	.0	.0	.0						
MEAN	1.36	.86	.31	.00	.00	.00	.00	.00	.00	.00	.11	.31	3.00
S.D.	2.018	2.136	1.283	.000	.000	.000	.000	.000	.000	.000	.571	.782	3.640
TOTAL OBS	1269	1157	1271	1230	1271	1230	1271	1240	1230	1271	1230	1271	14941

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/WAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 42-87

MONTH	AMOUNTS IN INCHES													8 DAYS WITH MEAS- ANTS	TOTAL OBS	MONTHLY AMOUNTS		
	NONE	TRACE	1	2	3	4 TO 6	7 TO 12	13 TO 24	25 TO 36	37 TO 48	49 TO 60	61 TO 120	OVER 120			MEAN	GREATEST	LEAST
JAN	93.2	4.0	1.0	1.1	.4	.2	.1							2.8	1363			
FEB	95.7	1.9	1.6	.6	.1	.1								2.4	1243			
MAR	99.6	.2	.2											.2	1364			
APR	100.0														1320			
MAY	100.0														1364			
JUN	100.0														1320			
JUL	100.0														1364			
AUG	100.0														1333			
SEP	100.0														1320			
OCT	100.0														1364			
NOV	99.7	.1	.1	.1		.1								.2	1316			
DEC	98.6	1.1	.2		.1									.3	1364			
ANN	98.9	.6	.3	.1	.0	.0	.0							.5	16035			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

PERIOD OF RECORD: 42-87

YEAR	DAILY SNOW DEPTH IN INCHES -M-O-N-T-H-S-												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
42											0	0	
43	0	0	0	0	0	0	0	0	0	0	0	0	0
44	*TRACE	0	0	0	0	0	0	0	0	0	0	0	*TRACE
45	0	0	0	0	0	0	0	0	0	0	0	0	
46												TRACE	
47	2	0	TRACE	0	0	0	0	0	0	0	0	0	2
48	3	1	0	0	0	0	0	0	0	0	0	0	3
49	3	2	0	0	0	0	0	0	0	0	0	0	3
50	2	0	0	0	0	0	0	0	0	0	0	0	2
51	1	3	0	0	0	0	0	0	0	0	0	0	3
52	0	0	0	0	0	0	0	0	0	0	0	0	0
53	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
54	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	3	TRACE	0	0	0	0	0	0	0	0	0	0	3
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	1	0	0	0	0	0	0	0	0	0	TRACE	1
59	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
60	TRACE	1	0	0	0	0	0	0	0	0	0	0	1
61	4	1	0	0	0	0	0	0	0	0	0	0	4
62	3	0	1	0	0	0	0	0	0	0	0	0	3
63	TRACE	TRACE	0	0	0	0	0	0	0	0	0	1	1
64	7	0	0	0	0	0	0	0	0	0	0	0	7
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	2	1	0	0	0	0	0	0	0	0	0	0	2
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	1	0	0	0	0	0	0	0	0	0	0	1
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	TRACE	1	0	0	0	0	0	0	0	0	0	1

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 42-87

YEAR	DAILY SNOW DEPTH IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
72	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
73	4	0	0	0	0	0	0	0	0	0	0	0	4
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	2	0	0	0	0	0	0	0	0	0	0	2
76	0	0	0	0	0	0	0	0	0	0	4	0	4
77	2	TRACE	0	0	0	0	0	0	0	0	0	0	2
78	3	5	0	0	0	0	0	0	0	0	0	TRACE	5
79	TRACE	1	0	0	0	0	0	0	0	0	0	0	1
80	TRACE	1	0	0	0	0	0	0	0	0	0	0	1
81	0	0	0	0	0	0	0	0	0	0	0	0	0
82	1	TRACE	0	0	0	0	0	0	0	0	0	0	1
83	0	0	0	0	0	0	0	0	0	0	0	3	3
84	0	0	0	0	0	0	0	0	0	0	0	0	0
85	2	2	0	0	0	0	0	0	0	0	0	0	2
86	0	0	0	0	0	0	0	0	0	0	0	1	1
87	0	0	1	0	0	0	0						
MEAN	1.0	.5	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	1.5
S.D.	1.596	1.000	.255	.000	.000	.000	.000	.000	.000	.000	.610	.493	1.675
TOTAL OBS	1363	1243	1364	1320	1364	1320	1364	1333	1320	1364	1316	1364	16035

NOTE * (BASED ON LESS THAN FULL MONTHS)

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SURFACE WIND SUMMARIES

EXTREME VALUES OF PEAK WINDS

DATA DERIVED FROM SUMMARY OF DAY DATA.

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

SPEEDS PRESENTED IN KNOTS.

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

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

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

TABLES ALSO INCLUDE THE OBSERVATION COUNTS.

BIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS

DATA DERIVED FROM HOURLY DATA.

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX.

PERIOD OF RECORD: 49-87

DAILY PEAK GUSTS IN KNOTS														
YEAR	-M-O-N-T-H-S-												ALL MONTHS	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
49	NNW 42	S 44	S 42	NNW 47	SW 68	N 49	SSW 41	N 47	N 38	N 40	N 31	S 53	SW 68	
50	NNW 39	NNE 35	NNE 43	ESE 42	NNW 54	NNW 44	SW 37	NNW 36	NNW 39	SW 35	N 45	NNE 46	NNW 54	
51	NW 45	SSW 42	NNW 51	NNE 49	E 49	NW 55	N 42	WSW 50	WSW 45	SSW 33	NNE 38	NNE 36	NW 55	
52	N 38	NNW 46	N 69	NNW 50	NNW 42	SE 38	SE 33	SSW 54	SSE 80		NNW 54	WSW 55		
53	NNW 38	SW 40	N 41	SSW 44	SW 53	S 36	ENE 45	SE 40	S 36	NW 38	NNW 36	NNW 40	SW 53	
54	NNW 41	SW 49	WSW 52	WSW 49	NW 41	SSE 37	SE 39	SSW 46	SSW 48	S 35	NNW 37	NW 40	WSW 52	
55	S 41	SSW 46	N 49	NNW 56	SSE 39	NNE 52	SSE 31	NNE 43	NE 59	NW 36	NNE 43	SSW 36	NE 59	
56	N 29	NNW 45	NNW 43	N 54	NNE 44	WSW 30	NNW 40	SW 43	WSW 25	SSE 35	SSW 37	SSW 32	N 54	
57	NW 36	NNW 36	SSW 34	NNW 40	NNW 47	N 44	SSW 23	SSW 27	S 27	N 42	NNW 44	N 42	NNW 47	
58	NW 37	NNW 47	S 34	NNW 41	S 28	NNE 31	N 47	S 39	SE 26	SE 33	WSW 41	N 27	NNW 47	
59	NNW 34	N 38	NNW 55	N 37	S 33	ENE 52	SSE 39	NNW 42	SE 48	NW 45	NW 41	N 29	NNW 55	
60	N 31	N 42	S 36	SE 34	WSW 40	S 30	S 36	E 37	NW 28	NNE 38	S 31	S 27	N 42	
61	N 27	N 28	S 35	NW 37	N 43	SSW 31	NW 36	NW 27	ENE 39	NNE 37	NW 30	N 32	N 43	
62	NNW 41	N 33	N 45	SSE 34	SSE 41	NNW 48	ENE 30	N 45	NNE 34	S 28	S 30	N 27	NNW 48	
63	N 38	SSW 35	S 34	WSW 64	NNW 40	SSE 45	SE 39	NNW 23	N 30	S 27	NNW 35	NW 31	WSW 64	
64	NNW 34	NNW 40	NW 44	NNW 47	NNW 42	SSE 41	NE 31	S 45	NNW 41	NW 31	NNW 30	S 32	NNW 47	
65	WSW 37	N 38	SSE 48	NNW 46	NNW 33	NNW 40	SE 33	NNE 38	S 36	S 37	SW 32	N 37	SSE 48	
66	SSW 48	WSW 63	S 38	N 50	SE 34	NE 65	S 27	WSW 33	SW 32	S 40	NNW 38	NW 37	NE 65	
67	NNW 38	NNW 40	S 33	NW 53	NW 36	SE 35	NNW 56	NW 40	E 34	S 40	NNW 37	NNW 33	NNW 56	
68	S 31	N 44	NNW 39	SSE 36	WSW 44	WSW 32	14/ 34	26/ 32	34/ 36	17/ 26	34/ 41	27/ 43	N 44	
69	28/ 36	31/ 36	16/ 39	29/ 36	34/ 34	17/ 52	17/ 27	12/ 26	1/ 41	19/ 28	18/ 32	1/ 34	17/ 52	
70	34/ 31	21/ 34	17/ 36	31/ 41	16/ 41	19/ 40	2/ 26	14/ 39	6/ 43	30/ 37	28/ 38	23/ 36	6/ 43	
71	19/ 41	29/ 38	27/ 42	20/ 32	20/ 49	19/ 34	34/ 42	20/ 24	18/ 22	28/ 37	29/ 40	23/ 58	23/ 58	
72	35/ 35	32/ 39	35/ 37	26/ 48	30/ 31	36/ 36	19/ 34	14/ 47	35/ 36	27/ 36	31/ 50	1/ 40	31/ 50	
73	24/ 50	29/ 42	25/ 46	25/ 50	36/ 57	33/ 54	18/ 43	22/ 27	15/ 40	17/ 35	18/ 38	34/ 40	36/ 57	
74	32/ 30	28/ 45	27/ 39	16/ 50	31/ 38	19/ 43	17/ 37	28/ 32	19/ 30	17/ 43	34/ 31	20/ 29	16/ 50	
75	30/ 47	35/ 33	11/ 42	12/ 42	20/ 43	7/ 50	11/ 49	12/ 28	10/ 30	15/ 29	18/ 40	18/ 36	7/ 50	
76	35/ 38	31/ 42	32/ 37	16/ 45	35/ 38	24/ 39	19/ 25	6/ 38	20/ 21	34/ 30	1/ 28	36/ 33	16/ 45	
77	1/ 40	18/ 44	26/ 37	34/ 35	17/ 31	22/ 36	34/ 47	36/ 39	24/ 32	1/ 31	31/ 41	29/ 42	34/ 47	
78	34/ 41	33/ 43	31/ 36	18/ 32	1/ 45	17/ 25	17/ 29	30/ 34	18/ 30	3/ 35	36/ 27	22/ 34	1/ 45	

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

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 49-87

DAILY PEAK GUSTS IN KNOTS														
YEAR	-M-O-N-T-H-S-													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS	
79	34/ 44	35/ 33	31/ 45	24/ 40	33/ 34	34/ 31	6/ 34	32/ 39	35/ 20	35/ 33	1/ 37	35* 25	31/ 45	
80	1/ 35	16/ 37	35/ 38	34/ 41	18/ 31	17/ 39	3/ 35	19/ 34	19/ 33	36/ 30	33/ 29	35/ 33	34/ 41	
81	36/ 24	19/ 41	25/ 42	19/ 37	1/ 54	3/ 33	15/ 31	3/ 27	31/ 33	24/ 24	30/ 36	31/ 30	1/ 54	
82	21/ 35	35/ 30	2/ 39	28/ 37	36/ 62	30/ 43	6/ 30	18/ 26	17/ 28	25/ 36	36/ 34	17/ 34	36/ 62	
83	32/ 37	31/ 34	20/ 38	33/ 50	33/ 49	34/ 35	1/ 30	3/ 27	33/ 33	16/ 33	33/ 37	31/ 35	33/ 50	
84	34/ 33	17/ 46	33/ 39	28/ 58	3/ 35	24/ 40	12/ 25	1/ 43	33/ 37	29/ 34	32/ 34	15/ 31	28/ 58	
85	1/ 44	30/ 50	25/ 48	18/ 32	16/ 49	19/ 32	24/ 33	15/ 28	19/ 37	18/ 36	19/ 32	36/ 29	30/ 50	
86	1/ 32	32/ 33	20/ 38	16/ 37	36/ 59	4/ 55	19/ 32	10/ 36	15/ 40	33/ 32	36/ 33	30/ 29	36/ 59	
87	33/ 34	29/ 41	24/ 41	28/ 40	35/ 47	28/ 35	1/ 33							
MEAN	37.6	40.8	42.0	43.0	43.3	41.2	35.7	36.7	35.8	34.9	36.3	36.4	52.2	
S.D.	5.562	6.272	6.954	7.932	9.561	8.860	7.340	7.913	7.763	4.640	5.277	6.869	6.472	
TOTAL OBS	1167	1087	1198	1144	1190	1156	1203	1166	1075	1138	1121	1105	11750	

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.9	4.4	4.8	5.5	1.3	.5					18.5	9.5
NNE	.5	.9	1.0	.5	.1						3.0	7.6
NE	.4	1.0	.2	.1							1.7	5.3
ENE	.9	.5	.3								1.7	4.1
E	1.0	.9	.2								2.0	3.9
ESE	.5	1.0	.5								2.0	5.0
SE	1.1	2.4	.6	.1							4.2	4.9
SSE	.6	3.5	3.5	1.2	.1						9.0	7.2
S	1.9	3.7	4.2	2.0							11.8	7.3
SSW	.5	.6	1.1	.5							2.8	7.3
SW	.5	.2	.4	.2							1.4	5.9
WSW	.6	.2	.2								1.1	3.2
W	1.1	1.2	.1								2.4	3.3
WNW	3.7	1.3	.4	.2							5.6	3.6
NW	1.8	2.2	1.2	.8							5.9	5.7
NNW	.9	1.9	3.4	2.6	.6	.3					9.8	9.7
VARIABLE												
CALM	////////////////////										17.0	////
TOTALS	18.1	25.8	22.4	13.8	2.2	.9					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.5	3.8	5.8	4.6	1.9	.1						18.7	9.3
NNE	.6	.8	1.2	.6	.1							3.3	7.6
NE	.5	.4	.4									1.4	5.3
ENE	.4	.9	.1									1.4	3.8
E	.8	.9	.4									2.0	4.8
ESE	.6	.5	.9									2.0	5.5
SE	.5	1.3	2.5	.5								4.8	7.2
SSE	1.7	2.3	2.3	.4	.1							6.8	6.0
S	1.3	3.2	2.6	1.1	.2							8.4	7.1
SSW	1.6	1.1	1.0	.6								4.3	5.8
SW	.5	1.2	.2	.3								2.3	5.8
WSW	.3	.4	.2	.3	.1							1.4	7.8
W	2.4	1.2	.4	.2								4.2	4.0
WNW	3.0	1.7	.2	.3								5.3	3.8
WV	1.8	2.5	1.8	.9	.2							7.2	6.6
NNW	.4	1.8	2.8	2.2	.8	.3						8.3	10.2
VARIABLE													
CALM	////////////////////											18.2	////
TOTALS	19.1	23.9	22.8	12.2	3.4	.4						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.4	4.3	4.2	5.1	1.7	.4						18.1	9.6
NNE	.6	1.0	1.5	.6								3.8	7.4
NE	.4	.8	.3	.1	.1							1.7	6.1
ENE	.4	.5	.2									1.2	4.5
E	.4	.6	.3									1.4	4.7
ESE	.4	.9	1.0	.1								2.4	6.0
SE	.8	1.6	2.5	.2								5.1	6.6
SSE	1.6	2.4	2.2	.8								6.9	6.3
S	2.3	3.5	3.8	1.3								10.9	6.4
SSW	.8	.8	.2	.3								2.0	5.4
SW	.2	.5	.1									.9	4.8
WSW	.9	.4	.1									1.4	3.3
W	2.9	.9	.2	.1								4.1	3.4
WNW	2.6	1.8	.4	.4	.1							5.4	4.5
NW	1.7	3.2	1.6	.6	.5							7.7	6.6
NNW	1.0	1.5	2.4	2.7	.8	.4						8.7	10.3
VARIABLE													
CALM	////////////////////											18.5	////
TOTALS	19.4	24.7	21.0	12.4	3.2	.9						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.9	3.8	4.8	5.9	2.5	.6						19.6	10.3
NNE	.4	1.6	1.7	1.0	.1	.1						4.9	8.7
NE	.8	1.5	.9	.1								3.2	5.7
ENE	.5	.8	.6	.1								2.0	5.7
E	1.2	.9	1.1									3.1	5.2
ESE	1.0	.9	.4									2.3	4.5
SE	.9	1.2	1.2	1.0	.1							4.3	7.4
SSE	1.0	1.7	2.0	1.7		.1						6.6	8.1
S	2.0	2.0	2.8	4.4	1.1							12.4	9.6
SSW	.2	.2	1.1	.8	.1							2.4	9.5
SW	.5	.6	.6	.8	.1							2.7	8.3
WSW	.4	.6	.9	.3								2.3	6.8
W	.5	1.2	.6	.2								2.6	5.6
WNW	1.0	1.2	.4	.6	.1		.1					3.4	7.2
NW	1.8	1.6	1.0	.9	.5	.1	.2					6.1	7.9
NNW	1.4	3.1	3.5	2.8	1.6	.4	.1					13.0	10.0
VARIABLE													
CALM	////////////////////											9.1	////
TOTALS	15.6	22.9	23.8	20.5	6.2	1.4	.4					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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	56-56		
N	2.0	4.6	6.0	5.5	1.8	1.0						21.0	10.0
NNE	.5	1.7	2.8	1.3	.6							7.0	9.0
NE	.9	1.7	.9	.2	.2							3.9	6.3
ENE	.1	.9	1.0	.1								2.0	6.5
E	.5	1.2	.2									1.9	4.1
ESE	.2	.3	1.3									1.8	6.9
SE	.3	1.1	2.3	.4								4.1	7.5
SSE	.4	1.8	1.7	2.9	.2	.1						7.2	9.7
S	.3	2.0	2.7	5.1	1.1	.3						11.5	11.5
SSW	.6	.5	1.1	1.9	.4							4.6	10.3
SW	.3	.9	1.4	1.1								3.7	8.7
WSW	.2	1.5	1.3	.4								3.4	6.9
W	.4	.9	1.5	.9	.2							3.9	8.8
WNW	.5	.6	.5	.4	.2	.2						2.6	9.3
NW	.5	1.4	2.6	1.2	.5	.2						6.5	9.7
NNW	.5	1.9	3.2	3.3	1.1	.4	.2					10.8	11.4
VARIABLE													
CALM	////////////////////											4.2	////
TOTALS	8.6	23.1	30.4	24.7	6.5	2.3	.2					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(157): 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	1.5	4.1	5.8	6.0	2.2	.6						20.2	10.4
NNE	.8	1.9	3.1	2.2	.4							8.4	9.1
NE	.9	1.3	1.0	.3								3.4	5.9
ENE	.8	1.0	.3	.1								2.2	4.8
E	.6	1.9	.5									3.1	4.9
ESE	.1	.6	.6	.4								1.8	7.7
SE	.6	1.5	2.6	.8								5.5	7.4
SSE	.3	1.7	2.0	1.4	1.0							6.5	9.8
S	.5	1.7	3.8	4.7	.5	.1	.1					11.5	10.6
SSW	.2	1.0	1.8	1.6	.2	.2						5.1	10.3
SW	.6	1.4	1.1	1.2								4.3	7.6
WSW	.1	1.0	.5	.5								2.2	8.4
W	.2	.6	.9	.1	.3							2.2	8.4
WNW		.8	.8	.8								2.3	9.2
NW	.5	1.0	1.2	1.4	.3	.2						4.6	10.2
NNW	.4	1.3	3.7	4.4	1.5	1.0						12.3	12.2
VARIABLE													
CALM	////////////////////											4.6	////
TOTALS	8.3	22.8	29.7	25.9	6.5	2.2	.1					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(1ST): 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	56-63		
N	1.9	4.0	5.3	5.6	1.3	.4	.1					18.6	9.7
NNE	.4	1.8	1.8	.5	.1							4.7	7.3
NE	1.4	2.2	.5	.1								4.2	4.6
ENE	1.4	1.6	.3	.2								3.5	4.8
E	1.2	1.2	.3									2.7	4.1
ESE	.8	1.9	1.4	.2								4.3	5.8
SE	.3	1.9	2.5	1.1								5.8	7.7
SSE	1.9	2.5	2.8	1.7	.2							9.1	7.3
S	2.4	4.1	4.0	1.2	.2							11.8	6.6
SSW	.3	.9	.9	.2	.1							2.4	7.1
SW	.4	.5	.2									1.2	4.4
WSW	.2	.3	.3									.9	5.5
W	1.2	1.6	.2	.1	.1							3.2	4.7
WNW	.8	1.4	.2	.4								2.8	5.6
NW	.8	2.3	1.2	.5	.1							4.8	6.6
NNW	.4	2.4	2.6	1.9	1.8	.3						9.5	11.0
VARIABLE													
CALM	////////////////////											10.4	////
TOTALS	15.8	30.5	24.5	13.9	4.0	.8	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.2	3.4	5.7	5.2	1.7	.3	.2					17.7	10.3
NNE	.8	.6	1.0	.3	.2		.1					3.0	8.1
NE	.9	1.2	.6									2.7	4.8
ENE	1.2	.6	.1									1.9	3.2
E	1.1	1.5		.1								2.7	4.2
ESE	.4	1.8	1.0	.2								3.4	6.0
SE	.8	2.3	2.3	.2								5.5	6.4
SSE	1.4	2.3	3.0	1.1	.3							8.1	7.3
S	2.6	4.3	4.4	1.8	.5							13.7	7.3
SSW	.9	.6	.5	.1								2.2	5.4
SW	.4	.5	.5									1.5	5.4
WSW	.1	.5										.6	3.8
W	2.2	1.1	.1	.1								3.4	3.6
WNW	2.0	1.4	.3	.3								4.1	4.3
NW	1.4	1.9	1.4	.9	.3							5.9	7.1
NNW	1.0	1.6	3.3	2.6	.6	.1						9.2	9.7
VARIABLE													
CALM	////////////////////											14.3	////
TOTALS	18.2	25.8	24.3	12.9	3.8	.4	.3					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.9	4.0	5.3	5.4	1.8	.5	.0					19.0	9.9
NNE	.6	1.3	1.8	.9	.2	.0	.0					4.8	8.3
NE	.8	1.2	.6	.1	.0							2.8	5.5
NNE	.7	.8	.4	.1								2.0	4.8
E	.8	1.1	.4	.0								2.4	4.5
ESE	.5	1.0	.9	.1								2.5	5.9
SE	.7	1.7	2.0	.5	.0							4.9	6.9
SSE	1.1	2.3	2.4	1.4	.2	.0						7.5	7.7
S	1.7	3.1	3.5	2.7	.5	.1	.0					11.5	8.3
SSW	.6	.7	1.0	.8	.1	.0						3.2	8.0
SW	.5	.7	.6	.4	.0							2.2	7.0
WSW	.4	.6	.4	.2	.0							1.7	6.3
W	1.4	1.1	.5	.2	.1							3.2	5.1
WNW	1.7	1.3	.4	.4	.1	.0	.0					3.9	5.3
NW	1.3	2.0	1.5	.9	.3	.1	.0					6.1	7.5
NNW	.8	1.9	3.1	2.8	1.1	.4	.0					10.2	10.6
VARIABLE													
CALM	////////////////////////////////////											12.0	////
TOTALS	15.4	24.9	24.9	17.0	4.5	1.1	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	
N	1.1	0.8	3.8	0.1	.8	.1					14.8	9.2
NNE	.4	1.7	1.4	.7	.1						4.3	7.6
NE	1.1	.9	.8	.1							3.0	5.2
ENE	.6	1.1	.6	.1							2.4	5.5
E	1.3	.8	1.1								3.2	4.8
ESE	.8	1.2	1.2	.6							3.8	6.5
SE	1.1	1.5	1.1	.1							3.8	4.9
SSE	1.8	2.4	3.2	.8	.4	.2					8.7	7.5
S	2.1	4.3	5.1	2.6	1.1	.1	.1				15.4	8.3
SSW	.1	.2	1.2	.5	.5						2.5	11.4
SW	.4	.8	.8	.4	.1						2.5	7.4
WSW	.4	.4									.7	3.7
W	1.2	1.1	.2		.1						2.6	4.2
WNW	1.5	2.0	.5	.7	.4						5.1	6.5
NW	1.2	2.0	.6	.9	.4						5.1	7.1
NNW	.5	.7	1.5	3.1	.9	.2	.1				7.1	12.3
VARIABLE												
CALM	////////////////////										15.2	////
TOTALS	15.4	25.9	23.0	14.8	4.7	.7	.2				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63		
N	1.3	3.8	4.1	4.5	1.2	.1						15.0	9.4
NNE	.5	.6	1.4	.5	.1							3.1	8.1
NE	1.1	1.1		.2								2.4	4.4
ENE	.9	.5	.2									1.7	3.5
E	1.2	.8	.6									2.6	4.1
ESE	.9	1.2	1.2	.7								4.0	6.6
SE	.8	1.3	1.2	.2	.1							3.7	6.1
SSE	2.1	3.7	2.5	.8	.2							9.3	6.1
S	1.9	4.1	5.3	1.7	.4	.1						13.5	7.4
SSW	.7	.6	1.2	1.1								3.5	7.8
SW	.4	.5	.4	.5								1.7	7.6
WSW	.4	.2	.2	.1								.9	5.3
W	2.0	.7	.2	.2								3.2	4.1
WNW	1.5	1.4	.9	.9	.1							5.0	6.5
NW	.6	.5	1.5	1.4								4.0	8.8
NNW	.4	1.4	2.7	4.1	.8	.6	.1					10.2	11.9
VARIABLE													
CALM	////////////////////											16.3	////
TOTALS	16.7	22.3	23.8	17.0	3.0	.8	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	3.4	4.1	6.3	.8						16.1	9.7
NNE	.5	1.1	.7	1.1	.1						3.4	8.2
NE	.4	1.1	.6	.4							2.4	7.0
ENE	.8	.6									1.4	3.6
E	1.7	1.4	.4	.2							3.7	4.7
ESE	.7	1.2	.6	.6	.1						3.2	7.1
SE	.8	1.9	1.9	.7							5.3	6.9
SSE	2.2	2.4	3.8	.8							9.2	6.5
S	2.8	4.3	3.2	1.5	.5						12.3	6.7
SSW	.2	.5	.8	.5	.1						2.1	8.3
SW	.1	.9	.8	.4							2.2	7.6
WSW	.6	.6		.1							1.3	4.5
W	1.2	1.5	1.1	.2							4.0	5.7
WNW	1.4	1.1	1.1	.7	.4						4.6	6.9
NW	1.1	1.3	1.5	1.7		.1					5.7	8.2
NNW	.5	.9	2.8	3.5	.5	.4					8.6	11.0
VARIABLE												
CALM	////////////////////										14.4	////
TOTALS	16.4	24.1	23.4	18.7	2.5	.5					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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	1.3	2.7	6.0	7.0	1.4							18.4	10.2
NNE	1.7	1.5	1.7	.5								5.3	5.9
NE	.8	.8	.9	.6								3.2	7.0
ENE	.6	.6	.2									1.4	4.3
E	1.3	1.1	.9	.2								3.5	5.4
ESE	.5	1.1	1.2	.5	.2							3.4	7.9
SE	.5	2.8	2.1	.7	.1							6.3	7.1
SSE	.7	1.7	2.4	2.5	.7							7.9	9.3
S	1.3	2.2	3.9	3.8	1.3							12.5	9.8
SSW	.6	.7	1.5	1.2	.5							4.5	9.5
SW	.1	.4	.6	1.5								2.6	10.5
WSW	.1	.5	.9	.4	.1							2.0	8.5
W	.1	.5	1.2	1.5	.1							3.4	11.0
WNW	.7	.7	.5	1.1	.2	.2						3.4	9.7
NW	.6	.8	.7	1.2	.5							3.8	9.8
NNW	.6	1.1	4.4	3.8	1.8							11.6	10.9
VARIABLE													
CALM	////////////////////											6.6	////
TOTALS	11.5	19.1	29.2	26.4	7.0	.2						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

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	1.7	3.1	5.7	7.2	1.1	.4						19.0	10.1
NNE	.9	1.7	1.1	.9								4.6	6.7
NE	.7	1.1	1.1	.4								3.2	6.0
ENE	.4	.8	.6									1.8	5.9
E	1.9	.7	1.1	.2								3.9	4.8
ESE	.6	1.4	.8	.4	.1							3.3	7.0
SE	.7	.9	1.4	.8	.4							4.3	8.5
SSE	.7	1.8	2.6	1.9	1.2	.1						8.3	10.0
S	1.7	1.7	3.3	5.3	1.8	.5	.1					14.3	11.3
SSW	.4	.5	1.3	1.7	.9	.2						5.0	11.7
SW		.7	.9	.9	.2							2.8	9.8
WSW	.1	.2	.8	1.7	.4							3.2	11.6
W	.2	.6	1.2	1.5	.1							3.7	10.0
WNW	.2	.4	1.2	1.4	.5							3.7	10.6
NW	.1	.5	1.7	1.1	.2	.4	.1					4.0	12.0
NNW	.2	.8	3.0	3.7	2.6	.7	.1					11.1	13.7
VARIABLE													
CALM	////////////////////											3.9	////
TOTALS	10.5	16.8	27.7	29.1	9.5	2.2	.4					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	3.1	5.2	6.5	1.2	.4	.1				17.8	10.4
NNE	1.2	1.8	2.5	1.3	.1						6.9	7.7
NE	1.4	2.1	1.5	.2							5.3	5.6
ENE	1.1	1.5	.5	.2							3.3	4.9
E	.4	.7	.7	.1							1.9	6.2
ESE	.4	1.1	1.4	.2							3.1	7.0
SE	.2	1.3	1.3	1.3	.2						4.4	8.8
SSE	.6	2.0	2.6	3.1	1.1	.2					9.6	10.5
S	.4	2.5	5.6	4.4	2.2	.5					15.5	11.3
SSW	.1	.5	1.7	1.7	.2						4.1	10.5
SW		.2	.5	.6	.1						1.4	10.7
WSW		.5	.9	.9	.2						2.6	10.5
W	.1	.4	1.4	1.2	.4						3.4	10.9
WNW	.1	.5	.8	1.4	.2						3.1	10.9
NW	.4	.6	.8	1.5	.5						3.8	10.5
NNW	.2	.8	1.7	5.2	2.1	1.1					11.1	14.1
VARIABLE												
CALM	////////////////////										2.7	////
TOTALS	7.9	19.5	29.1	29.9	8.6	2.1	.1				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(DAYS): 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	.9	4.0	5.6	6.3	1.4	.2	.4				18.8	10.5
NNE	.5	2.1	2.4	.9							5.9	7.6
NE	.7	1.3	.5	.5							3.0	6.2
ENE	1.5	1.8	.2								3.5	3.8
E	1.3	1.1	.9	.1							3.4	4.8
ESE	.7	1.9	1.7	.4	.1						4.7	6.9
SE	.4	2.1	3.3	.8	.1						6.7	7.8
SSE	.6	3.0	5.2	3.2	1.2						13.1	9.7
S	1.8	4.5	2.2	2.1	.9	.1					11.7	8.1
SSW		1.7	.6								2.2	5.7
SW	.4	.2	.7								1.3	6.0
WSW		.5	.2	.1							.8	6.9
W	.6	1.7	.9								3.2	5.2
WNW	1.2	.7	.5	.7							3.1	6.2
NW	.7	.9	1.1	1.1	.2						4.0	8.4
NNW	.1	1.2	2.0	2.8	.7	.5					7.3	11.6
VARIABLE												
CALM	////////////////////										7.1	////
TOTALS	11.3	28.6	28.0	19.0	4.7	.8	.4				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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	1.1	4.8	5.0	4.6	1.1	.2						16.8	9.3
NNE	.6	.9	.6	.9								3.1	7.7
NE	.6	.7	.8	.4								2.5	6.5
ENE	.9	.6	.2									1.8	3.5
E	1.1	1.9	.7	.2								3.9	5.0
ESE	.9	2.1	1.5	.4								5.0	6.0
SE	.6	1.8	2.4	.2								5.0	6.5
SSE	.9	3.3	5.2	2.1	.8	.2						12.6	9.0
S	1.7	4.6	5.2	1.9	.9							14.3	7.9
SSW	.4	.5	.7	.2	.1	.2						2.1	9.5
SW	.2	.5										.7	4.7
WSW		.5	.7	.1	.1							1.4	8.2
W	1.5	.9	.6	.2								3.3	4.6
WNW	.8	1.2	.5	.5								3.0	6.0
NW	1.3	2.2	1.4	1.1	.1	.1						6.3	7.5
NNW	.2	1.3	1.5	2.2	.4	.5	.1					6.3	11.6
VARIABLE													
CALM	////////////////////											12.1	////
TOTALS	12.9	27.9	27.1	15.1	3.5	1.3	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.3	3.7	4.9	5.8	1.1	.2	.1				17.1	9.9
NNE	.8	1.4	1.5	.9	.1						4.6	7.4
NE	.8	1.1	.8	.3							3.1	5.9
ENE	.9	.9	.3	.0							2.2	4.4
E	1.3	1.1	.8	.1							3.3	4.9
ESE	.7	1.4	1.2	.5	.1						3.8	6.8
SE	.6	1.7	1.8	.6	.1						4.9	7.2
SSE	1.2	2.5	3.4	1.9	.7	.1					9.9	8.6
S	1.7	3.5	4.2	2.9	1.1	.2	.0				13.7	8.9
SSW	.3	.6	1.1	.8	.3	.1					3.3	9.6
SW	.2	.5	.6	.5	.1						1.9	8.5
WSW	.2	.4	.5	.4	.1						1.6	8.6
W	.9	.9	.9	.6	.1						3.4	7.1
WNW	.9	1.0	.7	.9	.2	.0					3.9	7.8
NW	.7	1.1	1.2	1.2	.2	.1	.0				4.6	8.8
NNW	.3	1.0	2.5	3.6	1.2	.5	.1				9.2	12.2
VARIABLE												
CALM	////////////////////										9.8	////
TOTALS	12.8	23.0	26.4	21.2	5.4	1.1	.2				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 70-87
MONTH: MAR HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.9	2.4	2.9	2.0	1.2	.1	.1					9.6	10.0
NNE	.5	.2	1.0	.8								2.5	7.7
NE	.8	.3	.2									1.3	3.8
ENE	.6	.4	.1									1.2	3.7
E	.9	.8										1.6	3.1
ESE	1.5	1.6	.4	.2								3.8	4.9
SE	.8	2.0	2.3	1.0								6.0	7.3
SSE	.4	2.6	4.0	3.0	.1							10.1	9.1
S	1.7	4.3	7.4	7.3	1.7	.1						22.6	9.9
SSW	.1	.9	1.2	.8	.1	.1						3.1	9.4
SW	.8	.4	.5	.1								1.8	5.2
WSW	.2	.3	.3									.9	5.8
W	1.1	.2	.6	1.0	.3							3.2	8.4
WNW	1.5	1.0	.9	.9	.3							4.5	7.3
NW	1.3	1.8	1.0	1.2	.2	.1						5.6	7.5
NNW	.2	.5	1.0	1.5	.8	.1						4.1	11.9
VARIABLE													
CALM	////////////////////											18.2	////
TOTALS	13.2	19.8	23.8	19.7	4.7	.5	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	1.0	2.0	2.0	.6	.3					9.4	9.6
NNE	.2	.3	.9	.1	.1						1.6	8.1
NE	.9	.8	.2	.1							1.9	4.4
ENE	.3	1.0	.1								1.4	4.3
E	.9	1.2	.5								2.6	4.7
ESE	.9	1.2	.6								2.7	5.2
SE	1.0	1.6	1.0	.3							3.9	5.9
SSE	.9	4.4	3.9	1.5	.3	.1					11.1	7.7
S	1.3	5.3	7.4	5.4	.6						20.0	8.9
SSW	.3	1.0	1.6	.8							3.7	7.9
SW	.3	.6	.5	.2							1.7	6.3
WSW	.3	.3	.8								1.4	6.4
W	.9	.8	.9	.1							2.6	5.3
WNW	1.6	1.1	.5	.6							3.9	5.7
NW	1.3	1.4	1.0	1.7	.4	.3					6.1	9.4
NNW	1.1	.9	.9	2.5	1.2	.5					7.0	11.5
VARIABLE												
CALM	////////////////////										19.1	////
TOTALS	13.4	23.5	23.1	16.1	3.3	1.3					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.6	1.9	3.7	3.8	.9	.3	.2				12.4	10.2
NNE	1.0	.9	.2	.3							2.4	5.0
NE	.8	1.1	.9	.2	.1						3.0	5.9
ENE	.6	.3	.2								1.2	3.7
E	1.0	1.2	.9	.2							3.2	5.6
ESE	1.2	1.1	.9								3.1	4.7
SE	1.1	1.8	1.4	.3	.1						4.7	6.1
SSE	2.2	2.8	3.7	1.3	.1						10.0	6.6
S	1.5	5.4	5.4	3.8	.9	.1					17.0	8.7
SSW	.4	1.6	1.2	.1							3.3	6.2
SW	.2	.6	.9	.2							1.9	6.7
WSW	.2	.5	.5								1.3	5.5
W	1.3	.9	.8	.6							3.5	6.2
WNW	2.2	1.7	.6	.2	.1						4.8	4.9
NW	.9	1.0	1.8	.9	.9		.1				5.5	9.6
NNW	.5	1.4	1.5	1.4	1.5	.4					6.8	11.5
VARIABLE												
CALM	////////////////////										15.8	////
TOTALS	16.6	24.2	24.4	13.3	4.5	.9	.3				100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59		
N	1.8	2.0	3.7	4.6	.9	.3	.1					13.4	10.1
NNE	.9	.9	1.4	.5	.1							3.8	7.5
NE	.4	.6	.9	.1	.1							2.2	7.0
NENE	.6	.9	.6	.1								2.3	5.7
E	1.0	1.5	1.7	.2								4.4	6.1
ESE	.1	.9	1.2	.4								2.6	7.3
SE	.8	1.2	2.9	.5								5.4	7.3
SSE	.6	1.6	2.4	3.3	.8							8.7	10.1
S	1.0	3.2	5.4	7.8	3.2	.8						21.4	11.6
SSW	.1	.4	1.8	1.7	.3	.1						4.5	11.2
SW	.2	1.2	1.5	1.1	.3							4.3	9.2
WSW	.4	.8	.6	1.0	.3							3.1	9.2
W	.3	.2	1.1	1.3	.5							3.4	10.9
WNW	.3	.1	.6	.5	.4							2.0	11.1
NW	.6	.1	1.3	2.2	.5	.3						5.1	12.0
NNW	.5	1.0	1.8	3.8	1.5	.8						9.4	12.7
VARIABLE													
CALM	////////////////////											4.1	////
TOTALS	9.8	16.6	28.9	29.2	9.0	2.3	.1					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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	56-63		
N	1.0	2.9	4.6	3.8	1.0	.2						13.4	9.8
NNE	.2	1.0	1.4	.9	.2							3.7	8.8
NE	.3	.9	.8	.1								2.0	6.2
ENE	.4	1.0	.4									1.8	5.1
E	.4	1.6	2.0									4.1	6.4
ESE	.3	.9	1.6	1.1								3.9	8.3
SE	.4	1.8	2.2	1.4	.2							6.0	8.5
SSE	.6	1.0	2.5	3.7	1.8	.2						9.8	11.8
S	.5	1.8	3.3	8.7	3.9	1.0						19.2	13.2
SSW	.3	.2	1.0	1.8	1.3							4.6	12.9
SW	.4	.1	1.2	2.0	.1							3.9	10.8
WSW	.3	.6	1.7	1.3	.2	.1						4.3	10.2
W	.1	.5	1.3	1.9	.5	.3						4.7	11.9
WNW		.3	.4	1.2	.8	.1						2.8	13.9
NW	.1	.3	1.0	1.5	.9	.5						4.3	14.0
NNW	.2	.9	2.7	3.1	1.6	.3						8.8	12.1
VARIABLE													
CALM	////////////////////////////////////											2.6	////
TOTALS	5.8	15.8	28.1	32.5	12.5	2.8						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.9	2.4	3.2	3.5	1.6	.2	.1					11.9	10.6
NNE	.4	.9	1.5	.9	.2							3.9	8.7
NE	.6	.9	.5	.1								2.2	5.2
ENE	.6	1.5	.3	.2								2.7	5.4
E	1.3	2.2	1.4									4.8	5.3
ESE		1.1	1.0	.5								2.6	8.1
SE		1.3	3.8	2.2	.4							7.6	10.1
SSE	.4	1.1	2.2	5.1	1.9							10.6	12.5
S	.6	.9	4.3	8.7	4.3	1.0	.1					19.9	13.3
SSW	.2	.6	1.0	1.3	.3	.1						3.5	10.7
SW		.6	.6	1.0	.2							2.5	10.4
WSW	.2	.4	1.6	1.3	.3							3.9	11.1
W	.1	1.1	2.3	1.8	.4	.1						5.8	10.7
WNW	.1	.2	.9	1.0	.6							2.8	12.2
NW	.3	.9	.6	2.5	.9	.3						5.5	12.3
NNW	.1	1.0	1.4	4.0	1.1	.4						8.0	12.8
VARIABLE													
CALM	////////////////////											1.8	////
TOTALS	6.6	16.9	26.6	34.0	12.4	2.2	.2					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	1.6	2.9	3.8	3.7	1.2	.1		13.2	9.4
NNE	1.0	1.7	1.0	.5				4.2	6.3
NE	.5	.8	.9	.1				2.3	6.2
ENE	1.0	1.6	.6					3.2	4.6
E	1.7	2.2	1.3	.2				5.4	5.2
ESE	.3	1.1	1.6	.4				3.4	7.2
SE	.3	2.6	5.1	1.4	.2			9.6	8.4
SSE	.4	2.5	8.2	5.7	.5	.1		17.4	10.0
S	.4	2.6	2.9	4.7	1.8	.4		12.9	11.4
SSW	.2	.9	.9	.1				2.0	6.7
SW		.5	.5	.3	.1			1.5	8.9
WSW	.3	.4	.9	.5				2.2	7.6
W	.6	1.1	.9	.4				3.0	6.4
WNW	.5	.5	.4	.8	.2	.1		2.6	9.4
NW	.2	1.2	.5	1.2	.5			3.7	10.3
NNW	.2	1.3	1.9	2.8	.9	.1		7.2	11.3
VARIABLE									
CALM	////////////////////							6.2	////
TOTALS	9.5	23.8	31.3	22.9	5.5	.9		100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	1.7	3.2	2.9	1.2	.2					10.2	10.5
NNE	.2	.5	.4	.4							1.6	8.3
NE	1.2	.8									1.9	3.1
ENE	1.0	.8	.1								1.8	3.6
E	1.7	1.5	.6	.1							4.0	4.4
ESE	.6	1.4	.6	.2	.1						3.0	6.3
SE	.3	2.7	3.4	1.3	.4						8.2	8.4
SSE	1.0	3.0	5.9	4.2	.9						14.9	9.4
S	1.2	4.4	4.6	4.4	1.8	.9	.1				17.4	10.4
SSW	.4	1.4	.9								2.7	5.9
SW	.1	.1	.9	.2							1.3	8.8
WSW	.4	.1	.3								.9	5.0
W	1.4	1.1	.3	.4	.1						3.3	5.3
WNW	2.3	1.1	.6	.3	.9	.1					5.3	7.5
NW	1.1	1.4	1.0	.9							4.3	6.9
NNW	.6	.5	1.1	1.8	.6						4.7	10.7
VARIABLE												
CALM	////////////////////										14.4	////
TOTALS	14.5	22.5	24.1	17.2	6.0	1.2	.1				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.3	2.3	3.4	3.4	1.1	.2	.1				11.7	10.0
NNE	.6	.8	1.0	.6	.1						2.9	7.5
NE	.7	.8	.5	.1	.0						2.1	5.4
ENE	.7	.9	.3	.0							1.9	4.7
E	1.1	1.5	1.1	.1							3.8	5.3
ESE	.6	1.1	1.0	.4	.0						3.1	6.5
SE	.6	1.9	2.7	1.0	.2						6.4	8.0
SSE	.8	2.4	4.1	3.5	.8	.1					11.6	9.6
S	1.0	3.5	5.1	6.4	2.3	.5	.0				18.8	10.9
SSW	.3	.9	1.2	.8	.3	.0					3.4	9.3
SW	.3	.5	.8	.6	.1						2.4	8.7
WSW	.3	.4	.8	.5	.1	.0					2.2	8.8
W	.7	.7	1.0	1.0	.2	.1					3.7	8.6
WNW	1.1	.8	.6	.7	.4	.0					3.6	8.3
NW	.7	1.0	1.0	1.5	.5	.2	.0				5.0	10.2
NNW	.4	.9	1.5	2.6	1.1	.3					7.0	11.9
VARIABLE												
CALM	////////////////////										10.3	////
TOTALS	11.1	20.4	26.3	23.1	7.2	1.5	.1				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	2.6	1.7	1.6	.1	.3					6.9	8.4
NNE	.6	.1	1.7	.9	.1						3.3	8.8
NE	.4	.3	.3	.3							1.4	6.7
ENE	.2	.4	.2								.9	4.9
E	.8	.3	.9	.1							2.1	5.8
ESE	1.0	.9	.4	.2							2.6	5.2
SE	.7	1.9	1.7	.4							4.7	6.7
SSE	2.4	2.4	4.9	3.4	.6						13.8	8.5
S	3.6	6.0	5.7	7.7	1.8	.4					25.1	9.3
SSW	.7	1.2	1.3	1.3	.4						5.0	8.9
SW	.3	.1	.2	.2							.9	6.9
WSW	.1		.1								.2	6.0
W	1.2	1.6	.7	.2							3.7	5.1
WNW	2.3	1.7	.6	.2							4.8	4.5
NW	1.1	1.4	.7	.7							3.9	6.4
NNW	.3	.3	1.0	1.2	.3						3.2	10.2
VARIABLE												
CALM	////////////////////										17.6	////
TOTALS	16.4	21.3	22.0	18.6	3.3	.8					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: APR 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		
N	.8	1.6	2.6	2.2	.6	.2		7.9	9.6
NNE	.3	.8	1.3	.4	.1			3.0	8.1
NE	.3	.4	.7	.2				1.7	6.4
ENE	.4	.1						.6	3.0
E	1.2	.7	.4					2.3	4.0
ESE	.7	.4	1.1	.2				2.4	6.6
SE	1.1	1.3	2.2					4.7	5.9
SSE	2.2	3.8	3.8	2.7	.1			12.6	7.6
S	2.6	5.4	7.7	4.9	.7			21.2	8.3
SSW	.8	1.2	1.3	1.2				4.6	7.9
SW	.3	.1	.4	.2				1.1	7.4
WSW	.9	.4	.3	.2				1.9	5.1
W	1.9	1.4	.6	.2				4.1	4.4
WNW	2.8	1.1	.3	.1				4.3	3.6
NW	1.0	1.3	1.3	.9	.3			4.9	7.8
NNW	.4	.4	1.2	1.1				3.2	9.0
VARIABLE									
CALM	////////////////////							19.6	////
TOTALS	17.8	20.7	25.3	14.7	1.8	.2		100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 79-87
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	.7	1.6	2.1	3.1	.7	.1					8.2	10.4
NNE	.2	1.1	.9	.4	.1						2.8	7.6
NE	.3	.4	.6	.1							1.4	6.2
ENE	.2	.3	.1								.7	4.8
E	.9	1.2	.7								2.8	4.8
ESE	1.1	1.8	1.0	.2							4.1	5.5
SE	.7	3.2	2.6	.8	.1						7.3	6.9
SSE	2.2	3.0	4.3	1.6							11.1	7.0
S	2.3	5.2	8.6	4.0	.7						20.8	8.3
SSW	.3	1.4	1.1	.9							3.8	7.4
SW	.2	.4	.1								.8	4.4
WSW	.6	.6	.1	.2							1.4	5.2
W	1.3	1.2	.4	.4							3.4	5.2
WNW	1.7	1.4	.4	.1	.1						4.0	5.1
NW	.7	.8	1.4	2.1	.1						5.1	9.4
NNW	.6	1.4	1.6	1.6	.2						5.3	8.9
VARIABLE												
CALM	////////////////////										16.9	////
TOTALS	19.0	25.2	26.0	15.8	2.0	.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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	.6	1.6	2.4	3.9	1.1	.4					10.0	11.6
NNE	1.0	.9	1.0	1.6	.3	.1					4.9	9.1
NE	.4	1.7	1.1	.1	.1						3.4	6.4
ENE	.8	1.0	1.2								3.0	5.6
E	.4	1.6	1.0								3.0	5.4
ESE	.2	.7	1.1	.2							2.2	7.0
SE	.6	1.7	3.8	1.7							7.7	8.6
SSE	.3	1.1	5.1	2.6	.4						9.6	9.6
S	.9	3.9	6.2	10.1	3.1	.4					24.7	11.5
SSW	.2	1.0	1.8	1.9	.4						5.3	10.1
SW	.2	.6	1.3	.8	.2						3.1	9.8
WSW	.1	.8	1.4	.4	.2						3.0	9.5
W	.2	.7	1.1	1.4							3.4	9.0
WNW	.3	.2	.9	.8	.3						2.6	10.3
NW	.8	.2	.8	2.0	.6	.2					4.6	11.6
NNW	.9	1.0	1.7	1.6	.9	.1					6.1	10.1
VARIABLE												
CALM	////////////////////////////////////										3.4	////
TOTALS	8.0	18.4	32.0	24.0	7.8	1.3					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	.9	2.0	3.6	2.2						9.1	12.4
NNE	.4	.9	.9	2.1	.2						4.6	10.0
NE	.3	1.2	1.7	.7							3.9	7.6
ENE	.4	1.0	1.0	.4							2.9	6.0
E	.9	1.3	1.3	.1							3.7	5.9
ESE	.2	.8	1.1	1.0							3.1	9.0
SE	.4	1.2	3.0	1.4	.2						6.3	8.9
SSE	.4	1.1	4.4	4.7	.9	.2					11.8	11.2
S	.7	3.3	6.9	10.0	3.1	.6					24.6	11.7
SSW		.7	2.3	1.9	.7						5.6	11.1
SW	.3	.4	.6	.4	.2						2.0	8.8
WSW		.4	.9	.1	.1	.2					1.8	10.5
W	.2	.7	1.3	1.3	.2	.2					4.0	10.7
WNW		.2	.7	1.0	.2	.3					2.4	13.4
NW	.2	.6	1.4	1.6	.9	.2					4.9	12.1
NNW	.6	.7	1.7	2.8	1.2	.1					7.0	11.8
VARIABLE												
CALM	////////////////////										2.4	////
TOTALS	5.7	15.4	31.2	33.1	10.2	1.9					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAF/AFM
AFM WEATHER SERVICE/AFAC

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

STATION NUMBER: 722595 STATION NAME: CAMBELL AFB TX

PERIOD OF RECORD: 70-07
MONTH: APR MONTHS/LETS: 1500-1700

DIRECTION (DEGREES)	1-3	4-6	7-10	11-14	15-21	22-27	28-31	32-40	41-47	48-55	56-64	TOTAL	MEAN WIND
N	.3	1.6	2.9	3.0	3.0	.2						10.2	11.3
NNE	.4	.9	1.0	2.0	.0							5.6	10.2
NE	.2	.9	1.0	.7								3.2	7.4
ENE	.2	1.2	.0	.2								2.4	6.0
E	.0	1.0	2.2	.1								4.1	6.0
ESE	.0	1.0	1.0									3.2	6.0
SE	.3	2.0	2.2	2.3	.2							7.1	9.4
SSE	.2	2.0	5.6	7.2	1.9	.0						17.0	11.4
S	.0	1.0	7.2	6.0	2.9	.0						21.1	12.2
SSW	.2	.7	1.1	.0	.1							2.0	6.3
SW	.1		.7	.0	.1							1.3	10.1
WSW	.1	.2	.3	.1	.0							1.2	10.7
W		.0	.7	1.6	.3							3.0	12.0
WNW	.0	.3	.0	1.3	.3	.1						3.3	11.0
W	.0	.1	1.3	1.0	.6	.1						4.0	11.3
WNW	.2	.0	2.6	2.3	.7	.3	.1					7.1	11.0
UNUSABLE													
CALM	////////////////////////////////////											2.2	////
TOTALS	5.4	20.7	33.3	33.1	9.0	1.7	.1					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
LSAFETYAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

PERIOD OF RECORD: 70-07
MONTH: APR 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	.9	3.1	3.0	3.0	.7						11.6	9.2
NNE	.9	1.2	3.1	.9							5.2	7.7
NE	.6	1.6	.9	.3							3.3	6.5
NNE	1.2	1.7	.2								3.1	4.1
E	.7	2.4	1.3	.3							4.8	5.9
ESE	.8	1.0	1.6	.3							3.7	6.6
SE	.9	1.9	4.1	2.3	.1						9.3	8.5
SSE	.7	4.4	8.3	6.1	1.0						20.6	9.6
S	.9	3.2	5.6	4.3	1.1	.2					15.3	10.1
SSW	.1	1.0	.7								1.8	5.4
SW	.1	.2	.1	.1							.6	6.2
WSW		.3	.2								.6	6.6
W	.9	.8	.1								1.8	3.0
WNW	.6	.9	.6	.6	.3						2.9	8.5
W	.3	.8	.8	.9							2.8	8.3
WNW	.3	1.2	1.9	2.4	.4	.2	.1				6.7	10.8
VARIABLE												
COLM	////////////////////////////////////										6.1	////
TOTALS	9.7	29.0	32.9	23.7	3.7	.4	.1				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 76-87
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	1.0	3.0	2.4	2.7	.4							9.6	8.4
NNE	.3	.1	1.3	.9								2.7	8.8
NE	.8	.4	.2									1.4	3.9
ENE	1.3	.7	.4									2.4	4.1
E	1.6	1.6	1.0	.1								4.2	4.8
ESE	1.0	1.3	.8	.2								3.3	5.6
SE	1.1	1.6	3.7	1.4	.2							8.0	8.2
SSE	1.0	4.8	5.0	4.4	.7							15.9	8.9
S	2.6	4.7	4.8	5.6	2.0	.1						19.7	9.5
SSW	.4	.1	.2	.1	.1							1.0	7.2
SW	.2	.3	.1									.7	4.7
WSW	.3	.4	.3									.9	4.3
W	2.6	1.2	.1	.1								4.0	3.4
WNW	1.9	1.2	.4	.4								4.0	4.8
NW	1.1	1.6	.8	.3	.1							3.9	5.9
NNW	.6	.7	1.3	.4	.2		.1					3.3	8.6
VARIABLE													
CALM	////////////////////////////////////											15.0	////
TOTALS	17.8	23.7	22.8	16.8	3.8	.1	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	2.0	2.4	3.0	.9	.2					9.2	10.2
NNE	.5	.7	1.5	1.1	.2	.0					4.0	8.9
NE	.4	.9	.9	.3	.0						2.5	6.7
ENE	.6	.8	.5	.1							2.0	5.2
E	.9	1.3	1.1	.1							3.4	5.5
ESE	.7	1.0	1.1	.3							3.1	6.5
SE	.7	1.8	2.9	1.3	.1						6.9	8.0
SSE	1.2	2.9	5.2	4.1	.7	.1					14.1	9.4
S	1.8	4.1	6.6	6.9	1.9	.3					21.6	10.2
SSW	.3	.9	1.2	1.0	.2						3.7	8.9
SW	.2	.3	.4	.3	.1						1.3	8.2
WSW	.3	.4	.4	.1	.1	.0					1.4	7.8
W	1.0	1.0	.6	.7	.1	.0					3.4	6.8
WNW	1.2	.9	.6	.6	.2	.1					3.5	6.9
NW	.7	.8	1.1	1.3	.3	.1					4.3	9.3
NNW	.5	.8	1.6	1.7	.5	.1	.0				5.2	10.4
VARIABLE												
CALM	////////////////////										10.4	////
TOTALS	11.8	20.7	28.2	22.8	5.2	.8	.0				100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	1.9	1.2	1.0	.1						4.6	8.2
NNE	.4	.4	.3	.3							1.5	6.0
NE	.4	.6	.5								1.6	5.0
ENE	.2	.8	.1								1.1	5.0
E	.8	1.5	.8	.3							3.3	6.0
ESE	.4	2.4	1.5	.4							4.7	6.5
SE	1.1	3.4	2.6	.4							7.5	6.2
SSE	2.4	4.3	6.2	1.5	.1		.1	.1			14.7	7.4
S	4.7	7.2	7.7	6.8	.8						27.2	8.0
SSW	.5	1.1	1.1	1.2	.3						4.2	9.2
SW	.4	.1	.2								.8	4.0
WSW	.1	.2					.1				.4	10.5
W	.9	.9	.3	.2							2.3	5.4
WNW	2.0	.3	.1	.1	.1						2.7	3.7
NW	.5	1.3	.4	.2							2.5	6.0
NNW	.5	.9	.4	1.0	.3	.1					3.2	9.6
VARIABLE												
CALM	////////////////////										17.6	////
TOTALS	15.9	27.3	23.5	13.4	1.7	.1	.2	.1			100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 74-87
MONTH: MAY HOURS(1ST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-56		
N	1.1	1.9	1.7	.8	.2							5.7	7.0
NNE	.9	.4	.4	.1	.2							2.0	6.3
NE	.4	.4	.4	.3								1.6	7.0
ENE	.4	.4	.8	.1								1.7	5.9
E	1.4	1.4	.8	.3								3.9	5.4
ESE	1.4	1.8	1.3	.2								4.7	5.5
SE	1.2	2.5	2.0	.2								5.9	5.9
SSE	4.0	6.5	5.7	1.4								17.5	6.0
S	2.6	6.9	9.6	3.5	.1							22.7	7.5
SSW	.6	1.1	1.2	.4	.2							3.5	7.4
SW	.2	.6	.3									1.2	5.7
WSW	.1	.2	.2									.5	5.4
W	1.1	1.0	.3	.1								2.4	4.5
WNW	1.6	.9	.2									2.7	3.3
NW	.9	.8	1.7									3.3	5.7
NNW	.4	1.3	.8	.8	.2	.1						3.5	8.6
VARIABLE													
COLN	////////////////////////////////////											16.9	////
TOTALS	18.3	28.1	27.4	8.3	1.8	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

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	1.1	2.6	1.7	1.5								6.9	7.0
NNE	.4	.8	.9									1.6	4.9
NE	.5	.5	.6	.1								1.8	5.8
ENE	.5	.2	.3	.2								1.3	5.7
E	1.0	.8	1.2	.3								4.1	5.3
ESE	1.5	2.2	1.7		.1							5.5	5.5
SE	1.4	3.3	3.0	.8								9.5	6.6
SSE	2.4	4.5	5.6	1.1	.1							13.9	6.7
S	2.4	5.4	9.4	4.2	.8	.1						22.2	8.4
SSW	.6	1.2	1.2	1.2	.3							4.5	8.6
SW	.8	.3	.5	.1								1.7	5.8
WSW	.2	.5		.1								.9	5.6
W	.9	.8										1.6	3.6
WNW	1.1	1.5	.4	.1	.1							3.2	4.9
W	1.3	1.0	1.4	.9								4.4	6.5
NNW	.8	1.1	1.2	1.0	.1							4.1	7.9
VARIABLE													
CALM	////////////////////											13.9	////
TOTALS	17.8	26.6	28.7	11.4	1.5	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: MAY 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	.9	2.4	4.1	1.7	.1						9.1	8.0
NNE	.2	1.1	1.3	.2							2.8	7.0
NE	1.1	.6	1.4	.2							3.3	6.0
ENE	.4	.9	.6	.4							2.4	6.9
E	.9	1.0	1.3	.2							3.3	5.9
ESE	.1	.6	1.9	.8							3.4	8.7
SE	.6	1.5	2.9	.9							5.9	7.7
SSE	.4	2.6	5.9	2.7	.1						11.7	8.7
S	1.3	4.8	8.7	11.8	1.5	.2					28.4	10.3
SSW	.6	1.2	3.4	2.4	.1						7.7	9.6
SW	.6	1.0	1.4	.9							3.9	7.5
WSW	.3	1.0	.4	.2							1.9	6.5
W		.5	.6								1.2	7.0
WNW	.3	.3	.4	.5							1.6	7.3
NW	.8	.9	1.5	.4							3.5	6.9
NNW	.3	1.0	2.0	1.9	.3	.1					5.7	10.2
VARIABLE												
CALM	////////////////////										4.0	////
TOTALS	8.9	21.3	38.1	25.3	2.2	.3					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.9	1.9	4.2	1.9				.1			9.0	8.7
NNE	.4	1.2	1.8	.2							3.7	6.9
NE	.3	1.1	1.2	.1							2.7	6.5
ENE	.8	1.1	1.4	.2							3.4	6.3
E	.4	1.2	.6	.5							2.8	7.0
ESE	.5	1.2	2.0	.6	.1						4.5	7.8
SE	.4	2.5	2.5	1.2	.1						6.7	7.8
SSE	.8	3.1	5.5	5.7	.3						15.4	9.5
S	.5	4.0	10.4	10.5	1.9	.4					27.8	10.9
SSW	.1	1.0	2.6	1.5	.1						5.3	9.5
SW	.3	.3	.9	.4		.1					2.0	8.6
WSW	.1	.6	.9	.1							1.7	6.6
W	.2	.4	.6	.2							1.5	7.4
WNW	.2	.5	1.2	.6							2.6	8.8
NW	.4	.2	1.0	.9	.2						2.7	9.5
NNW	.6	.6	2.4	2.2							5.8	9.4
VARIABLE												
CALM	////////////////////										2.4	////
TOTALS	7.1	21.0	39.1	27.0	2.8	.5		.1			100.0	8.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

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	1.8	4.3	2.5							9.4	8.5
NNE	.3	.9	1.2	.6	.1						3.1	8.1
NE	.3	1.2	1.2	.5							3.2	7.3
ENE	.4	1.1	.9	.2							2.6	6.5
E	.4	1.3	2.9	.4							5.1	7.2
ESE	.3	1.0	2.7	1.0							4.9	8.3
SE	.5	1.8	3.9	1.9	.1						8.3	8.7
SSE	.5	3.7	6.9	8.2	.1	.1					19.5	10.0
S	.8	3.0	8.7	7.0	2.5	.1					22.0	10.8
SSW	.5	1.0	1.3	1.3	.1						4.2	8.8
SW	.1	.2	.4	.1	.1						1.0	8.6
WSW	.2	.5	.6								1.4	6.0
W	.4	.3	.6								1.4	5.8
WNW	.1	.3	1.1	.4							1.9	8.6
NW	.5	1.0	1.2	.9							3.5	7.9
NNW	.5	1.0	2.2	2.3	.1						6.0	9.5
VARIABLE												
CALM	////////////////////										2.5	////
TOTALS	6.9	20.0	40.0	27.3	3.1	.2					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.5	3.3	2.7	2.3	.2						10.0	7.7
NNE	.4	1.3	1.2	.4							3.3	6.8
NE	1.4	1.9	1.1	.4							4.8	5.6
ENE	.6	1.4	.9		.1						3.0	5.9
E	1.7	1.1	1.4	.3	.1						4.6	6.0
ESE	.3	2.3	2.9	.5	.1						6.1	7.7
SE	.5	3.5	6.7	1.8	.1						12.7	8.0
SSE	1.1	6.5	10.4	4.4	.3	.1					22.8	8.6
S	1.2	3.7	6.0	5.2	.5						16.6	9.2
SSW	.2	.6	.3	.3							1.5	7.4
SW	.2	.2	.5								1.0	6.2
WSW	.3	.2	.1	.1							.8	4.9
W	.3	.2	.3								.9	5.1
WNW	.6	.6	.1								1.4	3.4
NW	.3	.5	.8	.4							2.0	7.7
NNW	.5	.8	1.6	1.2	.3						4.4	9.1
VARIABLE												
CALM	////////////////////										4.1	////
TOTALS	11.4	28.2	37.0	17.4	1.8	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

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	1.0	2.7	1.6	1.4	.2						6.9	7.3
NNE	.3	.2	.3	.4		.1					1.4	9.1
NE	.6	1.0	.8	.1							2.5	5.5
ENE	1.2	1.1	.1	.2		.1					2.7	5.4
E	.5	1.1	2.0	.6							4.3	7.4
ESE	1.4	3.2	2.3	.8	.1						7.7	6.4
SE	2.2	4.3	7.0	1.2							14.6	6.9
SSE	1.5	6.3	9.1	3.0	.2						20.2	7.9
S	1.8	6.2	4.4	4.8	.9						18.2	8.4
SSW	.5	1.0	.4	.2							2.2	5.7
SW	.3	.1	.4								.9	5.5
WSW	.1	.1	.1								.3	5.3
W	.8	.5	.1								1.4	3.4
WNW	.8	.5	.1		.2	.1					1.7	6.6
NW	.8	.6	.2	.1							1.7	4.4
NNW	.2	.4	.4	.6	.3						2.0	10.3
VARIABLE												
CALM	////////////////////////////////////										11.3	////
TOTALS	14.0	29.5	29.5	13.5	1.9	.3					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: MAY 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	.9	2.3	2.7	1.6	.1			.0			7.7	7.8
NNE	.4	.8	.9	.3	.0	.0					2.4	7.0
NE	.6	.9	.9	.2							2.7	6.1
ENE	.6	.9	.6	.2	.0	.0					2.3	6.0
E	1.0	1.2	1.4	.4	.0						3.9	6.3
ESE	.8	1.0	2.0	.5	.1						5.2	6.9
SE	1.0	2.9	3.8	1.0	.0						8.8	7.3
SSE	1.7	4.7	6.9	3.5	.2	.0	.0	.0			17.0	8.1
S	1.9	5.1	8.1	6.7	1.1	.1					23.1	9.3
SSW	.5	1.0	1.4	1.1	.1						4.1	8.7
SW	.4	.4	.6	.2	.0	.0					1.5	6.9
WSW	.2	.4	.3	.1			.0				1.0	6.3
W	.6	.6	.4	.1							1.6	5.2
WNW	.8	.6	.5	.2	.1	.0					2.2	5.7
NW	.7	.8	1.0	.5	.0						3.0	6.9
NNW	.5	.9	1.4	1.4	.2	.0					4.4	9.3
VARIABLE												
CALM	////////////////////										9.1	////
TOTALS	12.5	25.2	32.9	10.0	2.0	.2	.0	.0			100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 7000

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.6	1.0	.8	.8								3.1	7.1
NNE	.7	.3	.2									1.2	3.9
NE	.8	.3	.6	.1								1.8	5.3
ENE	.6	.7	.1									1.3	3.8
E	1.2	.9	.2									2.3	3.7
ESE	1.6	2.0	.8									4.3	4.5
SE	2.0	3.0	1.2									6.2	4.4
SSE	2.9	6.9	4.1	1.7								15.6	6.2
S	5.3	11.9	15.3	5.9	.1							38.6	7.3
SSW	1.2	1.1	1.3	.1	.1							3.9	5.7
SW	.4	.8	.9		.1							2.2	6.6
WSW	.1	.3		.1								.6	6.0
W	.8	.4	.1		.1							1.4	4.5
WNW	1.1	.1										1.2	2.3
W	.7	1.0										1.7	3.9
WNW	.1	.4	.2	.1								.9	6.1
VARIABLE													
TOTAL	20.0	31.2	25.9	8.8	.4							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

PERIOD OF RECORD: 79-87
MONTH: JUN HOURS(1ST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	1.0	1.2	.4								4.4	6.3
NNE	.6	.9	1.0									2.4	5.6
NE	.6	.8	.1		.1							1.4	5.1
ENE	.1	.3	.2	.1								.8	6.4
E	1.0	.9	.3	.1								2.3	4.6
ESE	1.3	1.3	.2									2.9	3.8
SE	2.2	2.0	.4									4.7	3.7
SSE	4.1	3.8	3.9	.7								12.4	5.3
S	6.8	12.3	13.6	3.7	.3	.1						36.8	6.8
SSW	1.4	2.1	1.2									4.8	5.2
SW	.6	.9	.6	.1								2.1	5.6
WSW	.2	.1		.1								.4	5.0
W	1.1	.3	.3									1.8	3.7
WNW	1.2	.1										1.3	2.5
NW	.7	.4	.1	.1	.1							1.4	5.1
NNW	.3	1.2	.6	.1								2.2	6.1
VARIABLE													
CALM	////////////////////											17.6	////
TOTALS	23.2	29.3	23.8	5.4	.6	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 72295 STATION NAME: CARSMELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(1ST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-5	6-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63		
N	1.4	2.6	1.7	.9	.2						6.8	6.9
NNE	.7	1.2	.4	.2							2.6	5.4
NE	1.0	1.4	.3	.2							3.0	4.7
NNE	1.1	.4	.1								1.7	3.1
E	1.0	1.4	.4								2.9	4.5
ESE	1.1	1.1	.2								2.4	4.0
SE	1.2	2.7	.9								4.8	4.7
SSE	2.4	4.4	3.6	.8							11.2	6.0
S	5.1	10.6	12.9	5.2	.1						33.9	7.3
SSW	1.1	3.3	2.6	1.2							8.2	7.1
SW	.9	1.7	1.2	.1							3.9	5.9
WSW	.1	1.0	.3	.3							1.8	6.3
W	.8	.2	.4								1.4	4.6
WNW	.4	.1	.1								.8	3.1
NW	1.1	.3									1.4	2.5
NNW	.4	.8	.1	.1							1.4	5.4
VARIABLE												
CALM	////////////////////										11.7	////
TOTALS	20.1	33.3	25.4	9.1	.3						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	1.0	2.0	.3	.1							5.2	6.6
NNE	1.1	1.4	1.0	.8								4.3	6.3
NE	1.1	1.4	.2	.4								3.2	5.1
ENE	.8	.7	.4		.1							2.0	5.3
E	1.4	1.0	.9	.1								3.4	4.7
ESE	.6	1.0	.7									2.2	5.7
SE	.9	3.0	1.2	.2								5.3	5.6
SSE	1.4	3.0	4.3	1.8								10.7	7.4
S	1.9	5.2	11.9	12.0	.4							31.4	9.5
SSW	.3	2.7	6.2	4.2								13.4	9.2
SW	.2	1.6	2.4	1.2								5.4	8.4
WSW	.1	.3	1.7	.4								2.6	8.6
W	.3	.4	.6									1.3	5.2
WNW	.3	.3	.3									1.0	4.4
Wb	.4	.8	.1									1.3	4.6
NNW	.6	1.0	.8	.4								2.8	6.7
VARIABLE													
CALM	////////////////////											4.2	////
TOTALS	12.7	29.7	34.8	22.0	.7							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-66		
N	1.2	2.3	2.0	1.0								6.6	6.6
NNE	.9	1.7	1.4	.4								4.4	6.3
NE	.4	1.2	1.1	.1	.1							3.0	6.7
ENE	.9	.9	.4	.1								2.3	4.9
E	1.4	1.3	.4									3.2	4.4
ESE	.4	1.6	.9	.1								3.0	5.9
SE	.7	2.2	3.9	.7								7.4	7.3
SSE	.6	3.7	6.2	3.2	.1							13.8	8.5
S	1.1	6.4	12.2	13.3	.4	.1						33.7	9.8
SSW	.3	1.1	4.0	2.2								7.7	9.0
SW	.4	.8	2.6	.2								4.0	7.5
WSW	.1	.7	.8									1.6	6.6
W	.1	.6	.2									.9	5.9
WNW	.2	.7	.4	.1								1.4	5.7
NW	.4	.7	.3									1.4	5.2
NNW	.7	1.1	.7									2.4	5.4
VARIABLE													
CALM	////////////////////											3.1	////
TOTALS	10.0	26.9	37.7	21.6	.7	.1						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(157): 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	1.9	1.9	1.2	.2						5.9	7.9
NNE	1.0	1.1	1.7	.1							3.9	5.9
NE	.6	1.6	.9		.1						3.1	5.9
ENE	1.1	2.1	.7								3.9	4.5
E	1.4	1.4	.8	.1							3.8	4.9
ESE	.6	1.0	1.3	.3							3.2	6.8
SE	.7	2.8	5.1	.8	.1						9.4	7.7
SSE	.4	3.9	10.3	5.6	.3						20.6	9.4
S	.9	5.0	11.8	10.9	1.1						29.7	10.0
SSW	.4	1.3	2.0	1.2	.1						5.1	8.4
SW		.9	1.1	.4							2.4	8.5
WSW	.2	.6	.3	.1							1.2	6.0
W	.2	.2									.4	3.5
WNW	.4	.3	.1								.9	4.1
NW	.6	.7	.3	.3							1.9	6.1
NNW	.3	.9	.8	.1							2.1	6.1
VARIABLE												
CALM	////////////////////										2.4	////
TOTALS	9.6	25.7	39.1	21.2	2.0						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 920

GLOBAL CLIMATOLOGY BRANCH
 CSAPETAC
 AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 70-87
 MONTH: JUN HOURS(LEST): 1400-2000

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	56-66	
N	1.1	2.2	1.7	.6	.1						5.7	6.3
NNE	.2	.9	.9	.3							2.3	7.4
NE	.8	1.9	.6								3.2	4.8
ENE	1.0	1.2	.9								2.7	4.2
E	1.7	1.7	1.0	.2							4.6	4.9
ESE	.3	2.8	2.3	.1							5.6	6.5
SE	.9	3.3	6.3	.9	.1						11.1	7.6
SSE	1.1	6.8	14.2	4.3	.2						26.7	8.5
S	1.3	5.8	10.3	6.2	.6						24.2	8.8
SSW	.2	1.4	1.1	.1							2.9	6.7
SW	.1	.9	.2	.1							.9	6.4
WSW		.9	.1	.1							.7	6.5
W	.3	.3	.1		.1						.9	6.0
WNW	.2		.1								.3	4.3
WW	.2	.2	.1								.6	4.2
NNW	.6	.7	.2	.2							1.7	5.8
VARIABLE												
CALM	////////////////////										4.1	////
TOTALS	9.7	30.1	39.8	15.2	1.1						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
L3AFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CAHSMELL AFB TX

PERIOD OF RECORD: 76-87
MONTH: JUN HOURS(1ST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.0	1.1	1.0	.2	.1							3.2	6.4
NNE	.0	.7	.2	.1								1.0	4.0
NE	1.1	.3	.1									1.6	3.1
ENE	.4	.4										.9	3.9
E	1.0	1.0	.3	.1		.1						4.1	4.8
ESE	.9	2.7	1.1									4.7	5.2
SE	1.1	5.9	4.3	.2								11.6	6.0
SSE	2.7	9.1	13.1	3.6								28.4	7.3
S	3.3	7.6	11.7	3.3	.1							26.0	7.3
SSW	.4	1.0	.3		.1							1.9	5.5
SW	.3	.2	.3	.2								1.1	6.6
WSW													
W	.1	.1	.2	.1								.6	7.2
WNW	.9	.2										1.1	2.5
NW	.3	.2										.6	3.2
NNW	.3	.2	.2			.1						.9	6.9
VARIABLE													
CALM	////////////////////											11.7	////
TOTALS	15.3	31.6	33.0	7.9	.3	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	1.8	1.5	.7	.1						5.1	6.8
NNE	.7	1.0	.9	.2							2.9	5.9
NL	.8	1.1	.5	.1	.0						2.6	5.2
ENE	.7	.8	.3	.0	.0						1.9	4.5
E	1.4	1.3	.6	.1		.0					3.3	4.6
ESE	.8	1.7	.9	.1							3.5	5.4
SE	1.2	3.1	2.9	.3	.0						7.6	6.3
SSE	2.0	5.2	7.5	2.9	.1						17.7	7.6
S	3.2	8.1	12.5	7.6	.4	.0					31.8	8.3
SSW	.7	1.8	2.3	1.1	.0						6.0	7.7
SW	.4	.9	1.2	.3	.0						2.8	7.2
WSW	.1	.4	.4	.2							1.1	6.9
W	.5	.3	.3	.0	.0						1.1	4.9
WNW	.6	.2	.1	.0							1.0	3.6
NW	.6	.5	.1	.1	.0						1.3	4.7
NNW	.4	.8	.4	.1		.0					1.8	6.0
VARIABLE												
CALM	////////////////////										8.6	////
TOTALS	15.1	29.2	32.4	13.9	.8	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	.5	.1									1.1	4.1
NNE	.3	.2										.5	2.0
NE	.3											.3	2.0
ENE	1.1	.2										1.3	2.5
E	1.2	.8										1.9	3.3
ESE	1.4	1.6	.9									3.9	4.6
SE	2.5	4.2	1.7									8.4	4.7
SSE	4.9	7.7	4.4	.9								18.0	5.3
S	7.5	15.3	16.9	6.5	.3							46.5	7.0
SSW	.4	1.0	2.2	.3								4.7	6.9
SW	.1	.5	.2									.9	5.1
WSW	.1	.2		.1								.4	7.3
W	.1	.1										.2	3.5
WNW	.0	.2										1.0	2.0
NW	.2											.2	1.0
NNW	.1	.1										.2	3.0
VARIABLE													
CALM	////////////////////											10.5	////
TOTALS	21.5	33.5	26.3	7.7	.3							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(1ST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	.6	.1	.1								1.3	5.2
NNE	.4	.3	.1									.9	4.1
NE	.5	.1	.1		.1							.9	4.8
ENE	.3				.1							.4	6.5
E	1.2	.3	.2									1.7	3.7
ESE	1.3	1.7	.2									3.2	3.7
SE	3.1	2.6	.3									6.0	3.5
SSE	5.9	5.4	1.4	.6								13.3	4.4
S	10.4	17.8	12.2	4.3								44.7	6.0
SSW	1.4	3.8	2.8	.1								8.1	5.5
SW	.6	.6	.2									1.5	4.0
WSW	.1											.1	1.0
W	1.3	.1										1.4	2.0
WNW	1.3	.4										1.7	2.4
NW	.4	.2	.1									.6	3.9
NNW	.2	.1	.1									.4	3.5
VARIABLE													
CALM	////////////////////											13.5	////
TOTALS	29.0	34.2	17.0	5.2	.2							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(1ST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.8	1.1	.4									2.3	5.0
NNE	.6	.2	.4									1.3	4.8
NE	.3	.5										.9	4.1
ENE	.1	.6		.3								1.1	6.9
E	.5	1.3	.2									2.0	4.5
ESE	1.0	1.4	.4									2.8	4.0
SE	1.6	1.8	.5									4.0	4.1
SSE	3.5	4.6	2.0	.4								10.6	4.9
S	8.6	12.9	10.6	3.1	.2							35.5	6.1
SSW	2.2	5.4	4.6	.9								13.0	6.4
SW	1.2	3.8	1.4	.2								6.6	5.4
WSW	.9	1.1	.8	.1								2.8	4.8
W	.9	.5	.1									1.5	3.4
WNW	1.3	.3										1.6	2.5
NW	1.1	.3	.1									1.5	3.4
NNW	.9	.2										1.1	2.5
VARIABLE													
CALM	////////////////////											11.5	////
TOTALS	25.4	36.1	21.7	5.1	.2							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(1ST): 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	1.7	.9	1.0	.2							3.8	4.8
NNE	1.3	.9	.3	.4							2.9	5.0
NE	1.5	1.1	.5	.1							3.2	4.3
ENE	.6	.5	.3								1.5	3.9
E	.6	1.3	1.1								3.0	4.3
ESE	.6	1.1	.8								2.5	5.6
SE	1.7	1.6	1.1								4.4	4.5
SSE	1.4	2.2	2.4	1.2							7.1	7.0
S	3.0	7.2	11.0	6.2	.3						27.7	8.1
SSW	.9	5.3	7.5	3.0	.2						16.9	8.2
SW	1.0	3.1	6.3	.9							11.3	7.2
WSW	.2	2.9	2.7	.2							6.0	6.8
W	.6	.6	.8								2.0	5.3
WNW	.3	.6									1.0	3.4
NW	.8	.6	.4								1.8	4.5
NNW	.5	1.0	.3	.1							1.9	5.1
VARIABLE												
CALM	////////////////////										2.9	////
TOTALS	16.9	30.9	36.5	12.4	.5						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.6	2.9	1.1	.1								5.7	5.0
NNE	.3	1.1	.4	.4								2.3	7.2
NE	1.0	1.9	.6	.1								3.7	5.3
NNE	.6	1.4	.3	.1								2.5	5.3
E	1.0	1.9	1.6	.4								5.8	5.7
ESE	.8	1.9	1.4	.2								4.3	6.0
SE	1.1	2.0	3.4	.3	.1							7.7	6.4
SSE	1.7	5.9	6.0	2.5	.1							16.2	7.3
S	1.0	7.2	11.9	6.1	.4							27.5	8.5
SSW	1.1	2.8	2.6	1.8	.2							8.5	7.8
SW	.6	1.7	1.0	.3								4.5	6.7
WSW	.5	.9	.4		.1	.1						1.6	7.1
W	.4	.3	.5		.1							1.4	6.5
WNW	.4	.5										1.0	3.9
W	.6	.9	.4									1.9	5.0
WNW	1.3	1.3	.3	.4								3.3	5.3
VARIABLE													
CALM	////////////////////											2.0	////
TOTALS	15.6	35.1	33.0	12.9	1.1	.1						100.0	6.9

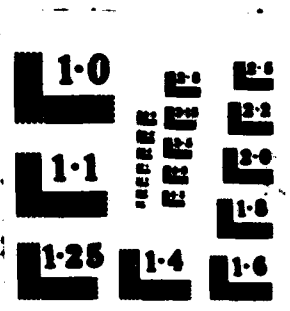
TOTAL NUMBER OF OBSERVATIONS: 930

AD-A186 820

CORSEWELL AFB TEXAS REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATION... (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A... 24 NOV 87
USAFETAC/DS-87/078 F/G 4/2

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: JUL 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	56-59		
N	.5	1.5	.6	.3								3.0	6.0
NNE	1.0	1.3	.9	.4								3.5	5.8
NE	.4	1.3	.9	.3								2.9	6.5
ENE	.5	1.2	.9									2.6	6.0
E	1.3	2.5	1.8	.3								5.9	5.9
ESE	.5	2.4	2.3	.2								5.4	6.7
SE	1.0	4.5	7.8	1.2	.2							13.9	7.4
SSE	.9	4.5	12.9	4.6	.2							23.1	8.7
S	1.8	6.2	11.1	6.3	.3							25.8	8.6
SSW	1.0	1.1	1.3	.5								3.9	6.8
SW	.2	.4	.9	.2								1.7	7.3
WSW		.9	.1	.1								1.1	6.0
W	.4	.2	.1	.2								1.0	5.9
WNW	.8	.3										1.1	3.2
NW	.4	.8	.1									1.3	3.8
NNW	1.1	.3	.3									1.7	3.9
VARIABLE													
CALM	////////////////////											2.2	////
TOTALS	11.8	29.4	43.1	14.8	.8							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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	.5	.4	.4									1.4	5.0
NNE	.2	.6	.6									1.5	6.9
NE	.6	1.2	.6	.3								2.8	6.0
ENE	1.4	1.4	.6									3.5	4.4
E	1.2	4.9	1.0	.1								8.0	5.5
ESE	.8	3.7	3.7	.2								8.3	6.5
SE	.8	4.6	8.0	1.2	.1							14.7	7.5
SSE	.9	11.9	17.0	5.3								35.1	7.9
S	1.2	3.8	9.2	3.2	.2							17.6	8.4
SSW	.3	.5	.4									1.3	5.5
SW		.1	.1									.2	6.5
WSW		.5	.5	.1								1.2	7.5
W	.1	.1										.2	3.5
WNW	.1	.1										.2	3.0
NW	.1	.2										.3	4.0
NNW	.3	.2	.1									.6	4.0
VARIABLE													
CALM	////////////////////											3.1	////
TOTALS	8.5	34.3	43.3	10.5	.3							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 76-87
MONTH: JUL HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	.3	.2								1.0	4.0
NNE	.2	.2	.2								.6	4.8
NE	.6	.9	.2								1.7	4.1
ENE	1.7	.4	.1								2.3	2.8
E	2.2	2.8	.8	.1	.1						5.9	4.5
ESE	2.2	2.8	1.7	.3							7.0	5.5
SE	1.6	7.7	6.6	.5							16.4	6.3
SSE	2.6	8.6	13.3	2.3							26.8	7.1
S	3.3	11.9	10.6	3.9							29.7	7.0
SSW	.1	.3	.8	.2							1.4	7.5
SW		.2	.2								.4	7.0
WSW	.1										.1	2.0
W	.1	.2	.1								.4	4.5
WNW												
NW	.3										.3	2.7
NNW	.1										.1	1.0
VARIABLE												
CALM	////////////////////////////////////										5.8	////
TOTALS	15.6	26.4	34.7	7.3	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: JUL 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	56-59		
N	.8	1.0	.5	.1								2.4	5.0
NNE	.6	.6	.4	.2								1.7	5.6
NE	.7	.9	.4	.1	.0							2.0	5.1
ENE	.8	.7	.3	.1	.0							1.9	4.6
E	1.3	2.0	.9	.1	.0							4.3	5.2
ESE	1.1	2.1	1.4	.1								4.7	5.6
SE	1.7	3.7	3.6	.4	.1							9.4	6.1
SSE	2.7	6.3	7.4	2.2	.0							18.8	6.9
S	4.7	10.3	11.7	5.0	.2							31.9	7.2
SSW	.9	2.6	2.8	.9	.1							7.2	7.1
SW	.5	1.3	1.4	.2								3.4	6.4
WSW	.2	.8	.6	.1	.0	.0						1.7	6.3
W	.5	.3	.2	.0	.0							1.0	4.5
WNW	.6	.3										.9	2.9
NW	.5	.4	.1									1.0	4.1
NNW	.6	.4	.1	.1								1.2	4.4
VARIABLE													
CALM	////////////////////											6.5	////
TOTALS	18.1	33.7	31.8	9.5	.4	.0						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 7434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.6	.9	.4	.1								2.0	4.8
NNE	.2	.4	.5	.3								1.5	8.1
NE	1.3	.4	.4		.1							2.3	4.6
ENE	1.2	.3	.1	.1								1.7	3.4
E	1.4	1.2	.1	.1								2.8	4.0
ESE	2.0	1.9	1.1	.2								5.3	4.6
SE	1.4	4.4	1.3	.1								7.6	5.0
SSE	3.7	7.2	5.2	.4								16.5	5.6
S	4.7	14.1	14.4	3.1	.1							36.5	6.7
SSW	.6	1.3	1.4	.6								4.0	6.6
SW	.3	.1	.2									.6	5.0
WSW	.3	.2	.1									.6	3.7
W	.6	.1										.8	2.9
WNW	.8	.2	.1		.2							1.3	5.9
NW	1.2	.1	.2									1.5	3.0
NNW	.8	.2	.1									1.1	3.6
VARIABLE													
CALM	////////////////////											14.0	////
TOTALS	21.4	33.1	25.7	5.2	.4							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(1ST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59		
N	1.0	1.6	.6									3.2	4.6
NNE	.2	.3	.8									1.3	6.4
NE	.2	.3	.2	.1								.9	5.8
ENE	.8	.9										1.6	3.1
E	1.3	1.0		.1								2.4	3.7
ESE	2.0	1.7	.3									4.1	3.5
SE	2.0	2.5	.4									4.9	4.2
SSE	5.3	7.2	1.3									13.8	4.1
S	7.8	13.9	12.0	1.7								35.5	5.9
SSW	1.0	1.5	2.2	.3								4.9	6.6
SW	1.1	.2	.1									1.4	2.9
WSW	.2											.2	1.5
W	1.2	.1		.1								1.4	3.0
WNW	1.4	.3										1.7	2.3
NW	.8	.2										1.0	2.9
NNW	.9	.1	.3	.1								1.4	4.5
VARIABLE													
CALM	////////////////////											20.3	////
TOTALS	27.1	31.8	18.3	2.5								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.7	1.9	.6								4.3	4.3
NNE	.5	1.0	.6								2.2	5.3
NE	.4	.2	.4								1.1	5.0
ENE	1.0	.3	.3								1.6	4.0
E	.8	1.4	.5								2.7	4.5
ESE	1.1	2.0	.8								3.9	4.7
SE	2.5	3.0	.5	.1							6.1	4.2
SSE	5.6	6.3	2.2	.1							14.2	4.4
S	7.3	11.6	10.8	1.8							31.5	6.0
SSW	1.9	2.6	1.9	.5	.1						7.1	5.9
SW	1.0	.6	.2								1.8	3.5
WSW	.4	.6	.1								1.2	4.2
W	.8	.6									1.4	3.2
WNW	2.6		.1								2.7	2.3
WW	1.1	.2									1.3	2.6
NNW	.6	.2	.9								1.7	5.4
VARIABLE												
CALM	////////////////////										15.3	////
TOTALS	29.2	32.8	28.0	2.6	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.8	.9	1.3	.3								3.2	6.3
NNE	1.4	1.1	.3	.2								3.0	4.6
NE	1.1	1.4	.4									2.9	4.0
ENE	1.9	.8	1.0									3.7	4.2
E	1.8	2.5	.5	.1								4.9	4.0
ESE	.8	1.4	.5									2.7	4.6
SE	1.1	2.6	2.3	.1								6.0	5.9
SSE	1.4	4.1	2.0	.4								8.0	5.8
S	2.2	7.5	9.8	4.5	.8							24.7	8.1
SSW	.6	4.4	6.8	1.8								13.7	7.8
SW	.8	3.9	3.4	.5								8.6	6.6
WSW	1.0	1.0	1.4	.5								3.9	6.3
W	.3	1.3	.5									2.2	5.5
WNW	.4	.4	.1									1.0	3.9
NW	1.1	1.4	.1									2.6	3.8
NNW	.5	1.3	.3	.1								2.3	4.9
VARIABLE													
CALM	////////////////////											6.8	////
TOTALS	17.1	35.8	30.9	8.7	.8							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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	1.0	1.6	2.3	.2								5.1	6.2
NNE	1.3	.9	.9	.1								3.1	5.1
NE	1.4	2.4	.9	.1								4.7	4.9
ENE	1.3	2.5	.8									4.5	5.0
E	1.8	3.9	1.8	.4								8.0	5.4
ESE	.6	2.5	1.9									5.1	5.9
SE	1.2	2.9	4.0									8.1	6.4
SSE	1.6	3.7	5.7	1.2								12.2	7.1
S	3.4	6.0	10.4	4.8	.5	.1						25.4	8.0
SSW	1.0	1.4	3.4	1.6								7.4	7.9
SW	1.0	2.4	.9	.2								4.4	5.7
WSW	.2	.5	.2	.1								1.1	6.0
W	.5	.6	.1	.1								1.4	4.5
WNW	.3	.3	.2									.9	4.4
NW	.8	.4	.2									1.4	3.9
NNW	.4	1.7	.9									3.0	5.6
VARIABLE													
CALM	////////////////////											4.4	////
TOTALS	17.8	33.7	34.5	8.9	.5	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: AUG 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	56-63		
N	1.4	1.8	.6	.5	.1							4.5	5.9
NNE	1.1	.3	1.0	.3								2.7	6.2
NE	.8	1.7	1.2	.3								4.0	5.9
ENE	1.3	2.0	1.1									4.4	5.0
E	2.3	3.5	4.5	.2								10.5	5.9
ESE	.9	3.3	3.2	.3								7.7	6.4
SE	1.4	3.2	6.9	.6								12.2	6.8
SSE	1.4	3.9	8.3	3.5								17.1	8.2
S	1.3	5.7	9.0	6.0	.1	.1						22.3	8.6
SSW	.6	1.1	1.8	1.8								5.4	8.4
SW	.3	.5	.6		.1							1.6	6.7
WSW	.1		.1	.3								.5	9.6
W	.2	.1	.1									.4	4.0
WNW	.1	.2										.3	3.7
NW	.3	.4	.1									.9	4.8
NNW	.4	1.9	.3	.1								2.8	5.2
VARIABLE													
CALM	////////////////////											2.7	////
TOTALS	13.9	29.9	38.9	14.2	.3	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 722095 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-06
MONTH: AUG MONTH(S) 1900-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	
N	.6	.6	1.0	.1							2.4	5.0
NNE	.1	.4	.4	.5							1.5	6.6
NE	.6	1.1	.4								2.6	4.0
ENE	1.0	3.0	1.2	.2							5.4	5.6
E	1.6	5.2	2.7	.2							9.7	5.6
ESE	1.0	5.2	4.1	.5							11.2	6.3
SE	1.7	6.2	8.1	.8							16.8	6.6
SSE	1.5	9.5	12.3	2.6	.2						26.0	7.4
S	1.5	4.2	6.5	2.4	.1						14.6	7.6
SSW	.2	.9	.4	.1							1.6	6.1
SW	.4	.1	.1								.6	3.7
WSW		.1	.1								.2	6.5
W	.2										.2	2.0
WNW	.2	.1	.1								.4	4.3
NW	.2		.1								.3	3.7
NNW	.5	.4		.2							1.2	5.3
VARIABLE												
CALM	////////////////////										5.3	////
TOTALS	11.9	37.4	37.4	7.6	.3						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFM WEATHER SERVICE/HAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: AUG 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	.3	.9	.5		.1							1.8	6.1
NNE	.4	.2	.3	.1	.2							1.3	8.2
NE	.5	.6	.5									1.7	5.1
ENE	1.1	.8	.5									2.4	4.5
E	1.3	2.7	.9	.1								4.9	4.7
ESE	2.7	4.1	2.2	.2								9.1	5.1
SE	1.9	7.6	5.7	.5								15.8	6.2
SSE	3.2	8.9	10.4	1.2								23.8	6.6
S	3.3	9.0	9.0	1.1								23.1	6.3
SSW	.4	.5	.2									1.2	5.0
SW	.2	.1	.2									.5	5.8
WSW													
W	.3	.1	.1									.5	3.8
WNW	.3											.3	2.3
WW	.5											.5	2.2
NNW		.4										.4	4.0
VARIABLE													
CALM	////////////////////											12.5	////
TOTALS	16.7	36.3	31.0	3.2	.3							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

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	.9	1.3	.9	.2	.0							3.3	5.5
NNE	.7	.6	.6	.2	.0							2.1	6.1
NE	.8	1.1	.6	.1	.0							2.5	5.0
ENE	1.2	1.3	.6	.0								3.2	4.7
E	1.5	2.7	1.4	.2								5.7	5.1
ESE	1.4	2.8	1.8	.2								6.1	5.4
SE	1.7	4.1	3.6	.3								9.7	6.0
SSE	3.0	6.3	5.9	1.2	.0							16.4	6.3
S	4.0	9.0	10.3	3.2	.2	.0						26.7	7.0
SSW	.8	1.7	2.3	.9	.0							5.7	7.2
SW	.6	1.0	.7	.1	.0							2.5	5.7
WSW	.3	.3	.3	.1								1.0	5.8
W	.5	.4	.1	.0								1.0	4.0
WNW	.8	.2	.1		.0							1.1	3.4
NW	.7	.3	.1									1.2	3.4
NNW	.5	.8	.3	.1								1.7	5.0
VARIABLE													
CALM	////////////////////											10.1	////
TOTALS	19.4	33.9	29.6	6.6	.3	.0						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63		
N	1.2	2.8	2.2	1.7	.2							8.1	7.8
NNE	.3	.3	1.1	.1								1.9	7.0
NE	.3	.6	.3									1.2	4.8
ENE	.8	1.0	.3	.1								2.2	4.8
E	1.6	.6	.2									2.3	3.3
ESE	2.2	2.1	.6									4.9	4.0
SE	1.9	3.9	1.2	.1								7.1	4.9
SSE	3.7	5.9	4.6	1.3								15.4	6.0
S	5.1	7.1	8.7	7.6	.2							28.7	8.0
SSW	.8	.6	.2	.2								1.8	4.8
SW	.1	.1	.1									.3	4.7
WSW	.1	.1										.2	4.0
W	1.1											1.1	2.1
WNW	2.6	.2										2.8	2.4
NW	.9	.4										1.3	2.9
NNW	.9	.2	.2									1.3	3.7
VARIABLE													
CALM	////////////////////											19.2	////
TOTALS	23.6	25.9	19.0	11.1	.4							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	2.9	2.0	2.1	.1						8.2	7.6
NNE	.6	.6	.2								1.3	4.0
NE	.4	.7	.2								1.3	4.6
ENE	2.0	.3	.1								2.4	3.0
E	1.6	1.1	.4								3.1	3.8
ESE	1.4	1.2	.6								3.2	4.1
SE	2.7	3.4	1.1	.2							7.4	4.6
SSE	2.3	6.4	2.6	.4							11.8	5.4
S	4.9	7.4	10.2	5.7							28.2	7.3
SSW	.6	.6	.6	.2							1.9	5.9
SW	.1	.1	.1								.3	4.3
WSW	.4	.1									.6	3.2
W	.8	.2	.1								1.1	3.1
WNW	3.1	1.1	.2								4.4	3.0
NW	1.1	.6									1.7	2.9
NNW	.6	1.2	.3	.3							2.4	5.9
VARIABLE												
CALM	////////////////////										20.4	////
TOTALS	23.7	20.0	18.8	9.0	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.3	2.9	3.0	2.3	.2							9.8	8.0
NNE	.4	.9	1.0	.6								2.9	7.5
NE	.7	.8	1.0									2.4	5.5
ENE	1.2	.6	.2	.1								2.1	3.8
E	1.3	1.2	.3									2.9	3.9
ESE	1.0	1.4	.9									3.3	4.9
SE	2.9	3.1	1.3	.1								7.4	4.6
SSE	4.6	5.3	2.8	.3	.1							13.1	4.9
S	4.4	6.9	9.1	3.6	.1							24.1	7.0
SSW	.3	.6	1.1	.6								2.6	7.8
SW	.4	.6	.4									1.4	5.0
WSW		.1	.2									.3	6.7
W	1.6	.2	.1									1.9	2.7
WNW	2.4	.4										2.9	2.4
NW	1.7	.9										2.6	2.8
NNW	.7	1.0	.4	.1	.1							2.3	5.6
VARIABLE													
CALM	////////////////////											17.9	////
TOTALS	25.0	26.9	22.0	7.7	.6							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	1.4	2.7	2.6	.1						7.8	8.7
NNE	1.1	.9	1.1	1.6	.1						4.8	8.1
NE	1.2	1.4	1.8								4.4	5.5
ENE	1.3	1.0	.7								3.0	4.4
E	1.4	2.2	.8	.2							4.7	5.0
ESE	1.8	1.9	.8								4.4	4.3
SE	2.2	3.0	1.7	.1							7.0	4.9
SSE	1.3	2.6	3.6	1.2	.1						8.8	7.2
S	2.7	5.4	9.4	10.2	1.2						29.0	9.4
SSW	.2	2.3	3.6	3.6							9.7	9.2
SW	.3	.7	1.1	.4							2.6	7.3
WSW	.2	.4	.3								1.0	5.2
W	.4	.4	.1	.1							1.1	5.4
WNW	.3	.1	.1		.1						.7	6.5
NW	1.1	.6	.4	.1	.1						2.3	5.2
NNW	.2	.6	.3	.4	.1						1.7	8.9
VARIABLE												
CALN	////////////////////										7.1	////
TOTALS	17.0	25.0	28.4	20.6	1.9						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.2	1.9	3.4	2.1	.1						8.8	8.5
NNE	1.0	1.0	1.6	1.3							4.9	8.0
NE	1.2	2.0	1.8	.3	.1						5.4	6.4
ENE	1.0	1.8	1.0	.2							4.0	5.4
E	1.8	3.3	1.8	.2							7.1	5.3
ESE	1.6	2.2	.8	.1							4.7	4.9
SE	1.0	3.4	3.0	.7							8.1	6.4
SSE	1.2	3.2	5.7	2.1	.1						12.3	7.9
S	1.3	4.6	9.8	8.4	1.8						25.9	9.9
SSW	.6	1.3	2.8	1.4	.2						6.3	8.6
SW	.3	.4	1.1	.2							2.1	7.1
WSW	.1	.1		.1							.3	6.3
W	.2	.3	.1								.7	4.5
WNW	.1		.1								.2	5.0
NW	.8	.6	.4								1.8	4.2
NNW	.6	1.1	1.1	.4	.4						3.7	8.5
VARIABLE												
CALM	////////////////////										3.7	////
TOTALS	14.0	27.3	34.4	17.8	2.8						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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	.9	2.0	3.6	3.3	.6						10.3	9.5
NNE	.4	1.0	1.8	.7							3.9	7.9
NE	.4	1.8	2.0	.4							4.7	6.8
ENE	1.4	2.6	1.7	.1							5.8	5.5
E	2.0	4.2	2.4	.3							9.0	5.6
ESE	.6	3.3	1.9	.3							6.1	6.1
SE	.6	3.6	6.6	1.3							12.0	7.7
SSE	1.3	3.7	6.4	2.7	.2	.1					14.4	8.3
S	1.4	3.1	7.9	7.8	1.4						21.7	10.0
SSW	.1	1.1	1.0	1.1							3.3	8.4
SW	.2	.3	.1	.1							.8	5.6
WSW	.2	.1									.3	2.3
W	.1	.1									.2	2.5
WNW	.3	.1	.1								.6	4.6
NW	.3	.3	.3	.3							1.3	6.8
NNW	.4	.9	1.0	.6	.1						3.0	7.9
VARIABLE												
CALM	////////////////////										2.6	////
TOTALS	10.9	20.2	36.8	19.1	2.3	.1					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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	.7	3.0	2.8	1.8	.3							8.6	8.1
NNE	.3	.9	2.3	.2								3.8	7.5
NE	.7	2.7	.7									4.0	5.0
ENE	1.9	1.0	.3	.1								3.3	4.0
E	2.4	6.0	2.8	.1								11.3	5.2
ESE	1.3	4.2	1.2									6.8	5.2
SE	1.1	5.8	7.1	1.3								15.3	7.2
SSE	2.6	7.6	7.8	4.1								22.0	7.3
S	1.8	5.0	4.2	2.7	.6							14.2	7.6
SSW	.2	.4	.2	.1								1.0	5.8
SW	.1	.1	.1									.3	5.3
WSW		.1	.1									.2	7.0
W	.2	.4										.7	3.8
WNW	.3	.4										.8	3.7
NW	.1	.2		.1								.4	6.0
NNW	.3		.4	.1								.9	6.6
VARIABLE													
CALM	////////////////////											6.3	////
TOTALS	14.1	37.9	30.1	10.7	.9							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	1.9	2.0	1.7							6.6	7.8
NNE	.2	1.4	1.4	.6							3.7	7.8
NE	.8	.8	.2								1.8	4.3
ENE	1.1	.4	.2								1.8	3.3
E	2.0	1.6	.2		.1						3.9	4.0
ESE	3.6	3.1	1.7	.1							8.4	4.5
SE	1.4	5.0	5.6	.7							12.7	6.7
SSE	3.1	6.8	8.6	3.7	.1						22.2	7.2
S	3.7	5.3	5.0	4.0	.3						18.3	7.4
SSW	.1	.2			.1						.4	7.8
SW	.1	.2									.3	4.0
WSW	.2	.1									.3	3.7
W	.8	.2									1.0	2.2
WNW	.9	.8									1.7	3.1
NW	.9	.3									1.2	2.9
NNW	.4	.7	.2	.3							1.7	6.1
VARIABLE												
CALM	////////////////////										14.0	////
TOTALS	20.3	28.9	25.1	11.0	.7						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	2.3	2.7	2.2	.2						8.5	8.3
NNE	.6	.9	1.3	.6	.0						3.4	7.6
NE	.7	1.3	1.0	.1	.0						3.2	5.7
ENE	1.3	1.1	.6	.1							3.1	4.5
E	1.8	2.5	1.1	.1	.0						5.5	4.9
ESE	1.7	2.4	1.0	.1							5.2	4.8
SE	1.7	3.9	3.4	.6							9.6	6.2
SSE	2.5	5.2	5.2	2.0	.1	.0					15.0	6.8
S	3.2	5.6	8.0	6.2	.7						23.8	8.4
SSW	.4	.9	1.2	.9	.0						3.4	8.2
SW	.2	.3	.4	.1							1.0	6.2
WSW	.2	.2	.1	.0							.4	4.7
W	.7	.2	.1	.0							1.0	3.2
WNW	1.3	.4	.1		.0						1.7	3.1
NW	.9	.5	.2	.1	.0						1.6	4.0
NNW	.5	.7	.5	.3	.1						2.1	6.9
VARIABLE												
CALM	////////////////////										11.4	////
TOTALS	18.6	20.5	26.9	13.4	1.2	.0					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	.6	1.7	3.9	1.6	1.1	.1		9.0	9.5
NNE	.2	.5	.9	.6				2.3	8.0
NE	.2	.4	.8					1.4	6.4
ENE	.4	.1						.5	2.6
E	.9	.2	.4					1.5	3.9
ESE	1.0	1.3	.5	.2				3.0	4.9
SE	1.8	2.6	1.0	.8	.1			6.2	5.8
SSE	3.4	4.1	4.2	2.7	.2	.1		14.7	7.0
S	4.1	5.6	6.1	5.2	.6			21.6	7.8
SSW	.3	1.2	1.2	.2				2.9	6.6
SW	.3	.3	.8		.1			1.5	6.4
WSW	.2	.1						.3	3.3
W	2.0	.5	.1					2.7	2.7
WNW	4.0	.5	.2					4.7	2.7
NW	.8	.8	.4	.1				2.0	4.9
NNW	.6	.2	.9	.6		.3		2.7	9.6
VARIABLE									
CALM	////////////////////							22.8	////
TOTALS	21.0	20.2	21.3	12.0	2.2	.5		100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: OCT 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	.8	2.8	3.2	3.1	.2	.2					10.3	9.1
NNE	.2	.8	.2	.8							1.9	8.1
NE	.8	.8	.1	.1							1.7	4.4
ENE	.5	.2	.3	.1							1.2	5.9
E	1.0	.5									1.5	2.7
ESE	1.4	1.0	.4	.1							2.9	4.2
SE	1.0	2.2	1.5								4.6	5.6
SSE	3.1	4.4	3.7	1.8		.1					13.1	6.4
S	4.5	4.9	7.5	3.9	.4						21.3	7.3
SSW	.2	1.1	1.1								2.4	6.4
SW	.3	.4	.2	.1							1.1	5.3
WSW		.1	.1	.2	.1						.5	10.8
W	2.0	.5	.1	.1							2.8	3.1
WNW	3.3	1.3	.4								5.1	3.2
NW	1.5	1.0	.4	.4							3.3	4.8
NNW	.2	.5	1.1	.5	.3						2.7	7.9
VARIABLE												
CALM	////////////////////										23.5	////
TOTALS	20.9	22.5	20.4	11.3	1.1	.3					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

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	1.3	1.6	2.4	3.2	.4	.3	.1					9.4	10.0
NNE	.3	.6	.5	.4								1.9	7.2
NE	.6	.8	.4									1.8	4.4
ENE	1.7	.5	.2	.2								2.7	3.9
E	.9	.6	.2	.1								1.8	4.4
ESE	1.7	1.6	.3	.2								3.9	4.1
SE	1.6	2.3	1.4	.4								5.7	5.8
SSE	3.5	4.1	4.1	1.4	.1	.1						13.3	6.4
S	4.0	5.1	6.3	2.0	.1							17.5	6.7
SSW	.9	.4	1.1	.1								2.5	6.0
SW	.6	.5		.2								1.4	5.2
WSW	.3	.3	.1	.1								.9	5.1
W	1.2	.3	.3	.2								2.0	4.5
WNW	3.3	1.7	.2	.1								5.4	3.3
NW	1.4	1.4	1.2	.8								4.7	6.0
NNW	.5	1.2	.9	1.3	.1							4.0	8.4
VARIABLE													
CALM	////////////////////											21.1	////
TOTALS	24.0	23.1	19.7	10.9	.8	.4	.1					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	1.1	1.1	3.0	4.3	1.2	.5	.1					11.3	11.4
NNE	.6	1.0	.8	.8		.1						3.2	8.0
NE	2.2	1.3	1.4	.4								5.3	5.4
ENE	1.1	.1	.9	.2								2.3	5.7
E	1.7	.6	1.3									3.7	4.8
ESE	1.5	1.3	.5	.3								3.7	4.8
SE	1.1	2.3	2.8	.3								6.5	6.5
SSE	1.6	3.4	2.9	1.7	.1							9.8	7.1
S	1.9	4.6	6.3	8.7	1.5	.1						23.2	9.9
SSW	.2	1.6	2.2	2.6	.1							6.7	9.9
SW	.3	1.2	1.1	.4								3.0	7.1
WSW	.2	1.0	.3	.8		.1						2.4	8.7
W	.4	.2	.9	.6								2.2	7.9
WNW	.5	.2	.4	.3	.2							1.7	8.4
NW	.3	.8	.4	.1								1.6	5.8
NNW	.9	1.4	2.3	1.0	.2	.1						5.8	8.3
VARIABLE													
CALM	////////////////////////////////////											7.8	////
TOTALS	15.7	22.0	27.4	22.6	3.3	1.0	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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		
N	.8	2.6	2.0	4.3	1.1	.2		11.0	10.3
NNE	.8	.8	2.2	1.4	.4			5.5	9.4
NE	1.3	1.2	1.5	.3	.1			4.4	6.2
ENE	1.7	1.5	.8					4.0	4.2
E	2.5	1.5	.9	.1				4.9	4.4
ESE	1.4	2.4	.5	.1				4.4	4.4
SE	.9	2.3	2.0	.3				5.5	6.1
SSE	1.1	2.9	4.7	3.2	.4	.1		12.5	8.6
S	1.2	2.9	6.7	8.6	2.4	.3		22.0	11.1
SSW	.6	.9	1.3	1.9	.4	.1		5.3	10.0
SW	.1	.9	1.2	.4				2.6	7.5
WSW	.1	.3	1.0	.1	.1			1.6	8.2
W	.2	.5	.9	.3	.1			2.0	8.1
WNW	.1	.4	.3	.3				1.2	7.9
NW	.4	.8	1.3	.8	.1			3.3	8.6
NNW	.5	1.1	1.8	2.0	.2			5.7	9.2
VARIABLE									
CALM	////////////////////							4.1	////
TOTALS	13.7	22.8	29.0	24.3	5.4	.8		100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.3	2.3	5.1	4.0	1.2							13.8	9.7
NNE	.3	.9	1.9	.6	.1							3.9	8.1
NE	1.6	1.7	.6	.5								4.5	5.2
ENE	.9	1.3	.9	.1								3.1	5.4
E	1.7	2.5	.8	.1								5.1	4.4
ESE	1.1	2.7	1.0									4.7	5.0
SE	1.1	3.5	3.8	1.2								9.6	7.0
SSE	1.1	2.7	4.6	2.9		.2						11.5	8.6
S	1.8	2.5	7.5	7.0	1.1	.3						20.2	10.1
SSW	.2	1.4	1.6	.9	.2							4.3	8.5
SW	.3	.5	.4	.2								1.5	7.0
WSW	.4	.2	.6	.1								1.4	6.5
W	.2	.6	.6	.4	.1							2.0	8.3
WNW	.1	.9	.4	.1								1.5	6.4
NW	.4	.9	.9	.8								2.9	7.8
NNW	.6	.8	2.5	1.3	.1							5.3	8.5
VARIABLE													
CALM	////////////////////											4.7	////
TOTALS	13.2	25.3	33.2	20.2	2.8	.5						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: OCT 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		
N	1.3	4.3	3.8	2.2	.4	.1		12.0	7.9
NNE	.3	.8	.5	.8	.1			2.5	8.2
NE	1.1	1.4	.4	.2				3.1	4.6
ENE	1.7	.6	.3					2.7	3.3
E	2.6	2.6	.5					5.7	3.7
ESE	2.8	2.9	1.3	.1				7.1	4.4
SE	3.1	6.8	4.5	.8	.1			15.3	5.9
SSE	2.6	4.5	6.3	1.4	.2			15.1	6.8
S	2.2	4.4	3.2	1.5	.1			11.4	6.8
SSW	.8	.9	.1	.3				2.0	5.4
SW	.5	.4	.1					1.1	3.6
WSW	.2	.1						.3	2.7
W	1.3	.4	.2	.2				2.2	4.2
WNW	.9	.4	.1					1.4	3.8
NW	.9	.9	.6	.1	.2			2.7	6.3
NNW	.2	.6	.8	.8	.2			2.6	9.4
VARIABLE									
CALM	////////////////////							12.9	////
TOTALS	22.4	32.0	22.9	8.3	1.4	.1		100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.8	2.4	3.2	2.6	.8	.1					9.8	9.6
NNE	.2	.5	1.3	.2							2.3	7.6
NE	1.0	.6	.3	.1							2.0	4.7
ENE	.8	.1									.9	2.4
E	1.6	1.4	.1								3.1	3.7
ESE	1.9	1.6	.8	.1							4.4	4.5
SE	2.5	3.1	3.5	.9	.3						10.3	6.5
SSE	4.2	4.2	5.1	2.3	.2						15.9	6.6
S	3.7	5.2	4.6	2.9	.4						16.8	7.0
SSW	.4	1.4	.9	.2							2.9	6.1
SW	.3	.1	.1								.5	4.2
WSW	.3	.1									.4	2.3
W	2.3	1.1	.2	.2							3.8	3.8
WNW	2.9	.9	.1	.2							4.1	3.4
NW	1.0	.4	.4		.1						1.9	5.3
NNW	.3	1.0	.4	.6	.1	.3					2.8	10.1
VARIABLE												
CALM	////////////////////										18.1	////
TOTALS	24.1	24.1	21.1	10.3	1.9	.4					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	2.3	3.3	3.2	.8	.2	.0					10.8	9.7
NNE	.4	.7	1.0	.7	.1	.0						2.9	8.3
NE	1.1	1.0	.7	.2	.0							3.0	5.3
ENE	1.1	.6	.4	.1								2.2	4.4
E	1.6	1.2	.5	.0								3.4	4.1
ESE	1.6	1.8	.7	.1								4.3	4.5
SE	1.6	3.1	2.6	.6	.1							8.0	6.2
SSE	2.6	3.8	4.4	2.2	.2	.1						13.2	7.2
S	2.9	4.4	6.0	5.0	.8	.1						19.3	8.5
SSW	.5	1.1	1.2	.8	.1	.0						3.6	8.1
SW	.4	.6	.5	.2	.0							1.6	6.3
WSW	.2	.3	.3	.2	.0	.0						1.0	7.2
W	1.2	.5	.4	.3	.0							2.5	5.0
WNW	1.9	.8	.3	.1	.0							3.1	4.0
NW	.8	.8	.7	.4	.1							2.8	6.3
NNW	.5	.8	1.3	1.0	.2	.1						3.9	9.0
VARIABLE													
CALM	////////////////////											14.4	////
TOTALS	19.4	24.0	24.4	15.0	2.4	.5	.0					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(1ST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	1.0	2.7	3.6	3.4	1.0	.1		11.8	9.6
NNE	.1	.7	1.0	.2				2.0	7.4
NE	.4	.4	.2					1.1	4.7
ENE	.3	.1	.1					.6	4.0
E	.8	.7	.3					1.8	4.4
ESE	1.0	.7	.2					1.9	3.6
SE	1.1	1.6	1.6					4.2	5.6
SSE	2.7	2.1	2.3	1.4	.2	.1		8.9	6.9
S	3.1	4.3	5.8	6.2	.9			20.3	8.8
SSW	.3	.9	.8	.4	.1			2.6	7.8
SW	.2	.6	.1		.1			1.0	6.3
WSW	.1	.4	.2	.1				.9	6.3
W	2.2	.9	.9	.6	.2			4.8	6.0
WNW	1.8	1.0	.8	.2	.2			4.0	5.6
NW	1.2	1.7	1.8	1.2	.1			6.0	7.2
NNW	.7	2.4	2.3	1.4	.2	.1		7.2	8.2
VARIABLE									
CALM	////////////////////							21.0	////
TOTALS	17.1	21.1	22.0	15.3	3.1	.3		100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

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

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	2.9	4.0	4.0	.8							12.7	9.6
NNE	.3	.9	.9	.3								2.4	6.9
NE	.6	1.0	.3									1.9	4.6
ENE	1.1	.2	.3									1.7	3.7
E	1.0	.4	.1									1.6	3.1
ESE	1.3	.9	.6									2.8	4.3
SE	1.9	1.0	.6	.4								4.7	4.9
SSE	2.1	3.6	2.2	1.6	.4							9.9	7.1
S	2.3	4.1	4.4	3.7	.7							15.2	8.1
SSW	.2	1.2	1.1	.3								2.9	7.2
SW	.3	.3	.2	.1	.1							1.1	6.8
WSW	.2	.3	.1	.1								.8	5.4
W	1.3	.7	.6	.3								2.9	5.3
WNW	2.2	1.3	.4	.7								4.7	4.9
NW	1.2	1.6	2.6	.8	.1	.3						6.6	7.9
NNW	.3	2.1	1.8	2.0	.1	.2						6.6	9.3
VARIABLE													
CALM	////////////////////											21.8	////
TOTALS	17.6	23.3	20.2	14.3	2.2	.6						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.1	1.8	4.2	3.9	1.0							12.0	10.0
NNE	.1	.7	1.1	.2								2.1	7.0
NE	.8	.9	.3	.2								2.2	5.1
ENE	.8	.6										1.3	3.2
E	1.0	.2										1.2	2.7
ESE	1.8	1.0	.1									2.9	3.2
SE	1.2	2.4	.8	.1								4.6	5.1
SSE	2.2	4.1	2.8	1.2	.2							10.6	6.5
S	2.7	3.7	3.6	3.2	.1							13.2	7.4
SSW	.4	1.7	.4	.6								3.1	6.3
SW	.9	.6										1.4	2.6
WSW	.6	.1	.1	.1								.9	4.1
W	1.9	1.0	.4	.1								3.4	3.8
WNW	2.2	1.1	.9	.2								4.4	4.5
NW	1.7	1.7	1.4	1.0	.1	.1						6.0	7.1
NNW	.9	1.6	2.2	1.9	.6							7.1	9.2
VARIABLE													
CALM	////////////////////											23.4	////
TOTALS	20.2	23.0	18.4	12.8	2.0	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: NOV 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	.9	2.4	4.1	5.1	1.8	.2						14.6	10.8
NNE	.7	.8	1.7	.6	.2	.1						4.0	8.1
NE	1.0	1.0	.4	.3								2.8	5.4
ENE	.4	.8	.4	.1								1.8	6.1
E	.7	1.0	.2									1.9	4.0
ESE	1.2	.3	.3	.1								2.0	3.9
SE	1.4	1.4	1.4	.6								4.9	5.8
SSE	1.3	2.0	2.8	2.6	.2							8.9	8.4
S	2.2	2.3	5.8	6.6	2.1							19.0	10.2
SSW	.7	.9	.9	1.4	.3							4.2	9.2
SW	.2	.4	1.0	.3								2.0	8.3
WSW	.4	.8	.4	.9								2.6	8.0
W	.2	1.2	1.0	.7								3.1	7.5
WNW	.3	.7	1.1	1.1	.1	.1						3.4	9.8
NW	.6	1.2	1.0	1.4	.4	.2						4.9	10.0
NNW	1.2	1.7	2.6	2.3	.7	.1						8.6	9.2
VARIABLE													
CALM	////////////////////											11.4	////
TOTALS	13.6	19.0	25.2	24.1	5.9	.8						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.1	2.8	3.1	5.3	1.1	.2						13.7	10.4
NNE	1.3	1.4	1.7	1.3	.4							6.2	8.3
NE	1.2	1.0	.8									3.0	4.7
ENE	.4	.7	.4	.3								1.9	6.2
E	1.3	.8	.1	.1								2.3	3.4
ESE	.2	.6	.6	.1								1.4	6.5
SE	1.0	1.7	2.0	.9								5.6	6.7
SSE	.9	2.3	3.3	2.8	.6							9.9	9.1
S	1.2	2.4	4.7	8.1	3.4	.2						20.1	11.6
SSW	.4	.8	1.7	1.7	.7	.2						5.4	10.7
SW	.1	.6	.9	.7	.2							2.4	10.1
WSW	.2	.4	1.3	.4								2.4	7.8
W	.1	.6	1.4	1.8	.1							4.0	10.5
WNW		.3	1.3	1.0	.2							2.9	10.4
NW	.9	.4	1.7	1.1	.2	.1						4.4	9.0
NNW	.4	1.3	3.0	3.6	.9							9.2	10.6
VARIABLE													
CALM	////////////////////											5.0	////
TOTALS	11.0	18.1	28.0	29.2	7.9	.8						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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	1.1	2.2	4.9	5.4	1.3	.1						15.1	10.3
NNE	1.0	1.2	3.6	1.0								6.8	7.5
NE	1.1	1.6	1.0	.1								3.8	5.4
ENE	.9	.9	.1	.1								2.0	4.2
E	.8	1.4	.4									2.7	4.3
ESE	.8	1.2	.3	.1								2.4	5.0
SE	.9	2.8	2.1	.7								6.4	6.8
SSE	.8	3.3	3.3	3.2	.3	.1						11.1	8.8
S	.6	2.4	5.3	8.1	2.3	.2						19.0	11.5
SSW	.2	.4	1.6	1.1	.2							3.6	10.2
SW	.1	.8	1.3	.3								2.6	7.7
WSW	.1	.6	.6	.1								1.3	7.2
W	.3	.8	1.0	.3	.2							2.7	8.5
WNW	.1	.4	.8	1.0	.1							2.4	9.5
NW	.1	.7	1.3	2.0	.3							4.4	11.0
NNW	.6	1.2	2.6	2.2	.9	.1						7.6	10.4
VARIABLE													
CALM	////////////////////											6.1	////
TOTALS	9.4	22.0	30.2	25.9	5.8	.6						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.9	4.3	3.4	4.2	1.2	.1						15.2	9.0
NNE	.9	1.4	1.2	.7								4.2	6.9
NE	1.2	1.2	.7	.1								3.2	4.8
ENE	1.4	.8	.2									2.4	3.6
E	1.1	.8	.4									2.3	4.2
ESE	1.8	1.4	1.0	.1								4.3	4.9
SE	2.3	3.3	1.9	.2								7.8	5.3
SSE	2.1	3.4	4.3	2.4	.1							12.4	7.4
S	2.6	3.1	4.2	4.2	.6	.1						14.8	8.5
SSW	.8	.8	.3	.2								2.1	5.2
SW	.2	1.1	.3									1.7	4.9
WSW	.1	.2	.1									.4	4.5
W	.8	1.0	.1	.1								2.0	4.5
WNW	1.3	1.1	.9	.9	.1							4.3	7.1
NW	.8	1.6	1.2	.6	.2							4.3	7.5
NNW	.6	1.0	1.1	1.2	.1							4.0	8.6
VARIABLE													
CALM	////////////////////											14.3	////
TOTALS	19.9	26.7	21.6	15.0	2.3	.2						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.3	3.2	4.2	4.6	.4	.3					14.1	9.4
NNE	.1	1.2	.7	.2							2.2	7.0
NE	.6	1.0	.2								1.8	4.4
ENE	.9	.1	.1								1.1	2.4
E	.4	.8	.2	.1							1.6	5.3
ESE	1.0	1.1	.6	.1							2.8	4.9
SE	1.7	1.8	1.9	.4							5.8	6.0
SSE	1.4	2.6	3.6	1.4	.1						9.1	7.4
S	2.1	3.6	5.2	5.1	1.0						17.0	8.9
SSW	.8	.7	.7	.4	.2						2.8	7.4
SW		.3	.2	.1							.7	7.8
WSW	.2	.2	.1								.6	4.4
W	1.0	.9	.3	.2	.2		.1				2.8	6.9
WNW	2.7	1.6	.6	.6		.1					5.4	5.1
NW	1.6	1.8	.9	1.0	.2						5.4	6.9
NNW	.6	1.3	2.0	1.7	.1						5.7	8.9
VARIABLE												
CALM	////////////////////										21.2	////
TOTALS	16.3	22.1	21.4	16.0	2.3	.4	.1				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.2	2.8	3.9	4.5	1.1	.1						13.6	9.9
NNE	.6	1.0	1.5	.6	.1	.0						3.7	7.6
NE	.9	1.0	.5	.1								2.5	5.0
ENE	.8	.5	.2	.1								1.6	4.3
E	.9	.8	.2	.0								1.9	4.0
ESE	1.1	.9	.5	.1								2.6	4.5
SE	1.4	2.1	1.5	.4								5.5	5.8
SSE	1.7	2.9	3.1	2.1	.3	.0						10.1	7.7
S	2.1	3.2	4.9	5.7	1.4	.1						17.3	9.5
SSW	.5	.9	.9	.8	.2	.0						3.3	8.4
SW	.3	.6	.5	.2	.1							1.6	7.1
WSW	.2	.4	.4	.2								1.2	6.8
W	1.0	.9	.7	.5	.1		.0					3.2	6.7
WNW	1.3	.9	.8	.7	.1	.0						4.0	6.7
NW	1.0	1.3	1.5	1.1	.2	.1						5.3	8.2
NNW	.7	1.6	2.2	2.0	.4	.1						7.0	9.4
VARIABLE													
CALM	////////////////////											15.5	////
TOTALS	15.6	21.9	23.4	19.1	3.9	.5	.0					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.5	3.8	4.3	6.7	1.0	.1						17.3	9.8
NNE	.2	1.5	1.3	.6								3.7	7.5
NE	.9	1.3	.5									2.7	4.9
ENE	.1	.3	.2									.6	5.7
E	.5	.4	.4									1.4	4.6
ESE	.8	.8		.1								1.6	3.8
SE	.6	2.6	1.5	.2								4.9	6.0
SSE	1.9	3.9	3.0	.9								9.7	6.2
S	3.2	5.6	5.9	3.0	.4							18.2	7.3
SSW	1.1	.6	1.2	1.0								3.9	7.2
SW	.6	.4	.3	.1								1.5	5.6
WSW	.5	.2	.3									1.1	4.3
W	.9	.4	.4	.1								1.8	4.9
WNW	1.7	1.5	.1	.1								3.4	3.8
NW	1.6	2.2	1.4	1.1								6.2	6.4
NNW	.3	1.7	1.8	1.6	.4	.2						6.1	9.6
VARIABLE													
CALM	////////////////////											15.8	////
TOTALS	16.6	27.2	22.8	15.5	1.8	.3						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
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	1.2	0.5	5.1	5.8	1.3	.2						18.1	9.6
NNE	.5	.8	.8	1.1	.2							3.3	9.0
NE	.5	1.1	.3									1.9	4.6
ENE		.6	.2									.9	6.3
E	.3	.5	.3									1.2	4.7
ESE	.4	.8	.4									1.6	4.9
SE	1.2	1.8	1.3	.5								4.8	6.1
SSE	1.4	2.4	2.5	1.0								7.2	6.4
S	3.4	4.4	4.5	2.5	.3							15.2	7.0
SSW	1.2	.9	1.3	1.0	.4							4.7	8.0
SW	.3	.5	.5									1.4	5.6
WSW	.3	.2	.2									.8	5.0
W	1.4	.6	.4									2.5	4.0
WNW	3.5	.5	.9									4.9	3.6
NW	1.7	1.3	.8	1.5								5.3	7.0
NNW	.9	1.1	2.7	3.0	.2	.1						8.0	9.8
VARIABLE													
CALM	////////////////////											18.3	////
TOTALS	18.4	22.0	22.2	14.3	2.5	.3						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.1	3.7	6.1	5.6	1.0	.1						17.5	9.6
NNE	.8	.4	.5	.9	.2							2.8	9.1
NE	.6	1.3	.2	.2								2.4	5.1
ENE	.8	.4										1.2	3.2
E	1.4	.2	.3									1.9	3.4
ESE	.4	1.4	.3									2.2	4.5
SE	.9	1.0	1.1	.6								3.5	6.6
SSE	2.4	2.8	3.1	.6								8.9	5.9
S	2.7	5.3	3.0	2.5	.2							13.7	6.7
SSW	.5	1.3	1.7	1.0	.1							4.6	8.0
SW	.5	.5	.5	.2								1.8	5.9
WSW	.6	.4	.2	.1								1.4	4.5
W	1.3	1.0	.4	.3								3.0	5.1
WNW	2.7	.8	1.2	.5								5.2	5.0
NW	.8	2.5	2.0	1.1	.1							6.5	7.3
NNW	.8	1.1	1.2	2.7	.5							6.2	10.1
VARIABLE													
CALM	////////////////////											17.2	////
TOTALS	18.2	29.0	22.0	16.3	2.2	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: DEC 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		
N	1.3	2.6	5.1	7.7	1.6	.1		18.4	10.7
NNE	1.0	.8	1.3	1.5	.2			4.7	8.3
NE	1.0	1.0	.6	.5	.1			3.2	6.4
ENE	.9	.9	.3		.1			2.2	4.9
E	1.0	.8	.4					2.2	4.1
ESE	.5	.5	.2					1.3	4.3
SE	1.2	1.9	1.5	.9				5.5	6.5
SSE	1.2	1.8	2.4	1.1	.5	.1		7.1	8.3
S	1.5	2.3	5.8	4.1	.9	.1		14.6	9.5
SSW	.5	.9	1.4	1.7	.5	.3		5.4	10.9
SW	.1	1.2	1.5	1.0	.1			3.9	8.6
WSW	.2	.3	1.1	.3				1.9	7.7
W	.9	.4	1.2	.4				2.9	6.6
WNW	.2	.4	.5	1.4				2.6	9.7
NW	.5	1.6	1.2	1.7	.3			5.4	8.8
NNW	.3	1.9	2.6	3.7	.9			9.4	10.3
VARIABLE									
CALM	////////////////////							9.5	////
TOTALS	12.3	19.2	27.1	26.0	5.3	.6		100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

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	1.8	3.1	5.4	6.0	1.8						18.2	9.8
NNE	1.1	1.5	1.3	2.4	.1						6.3	8.5
NE	.6	1.0	.8	.2							2.6	6.0
ENE	.6	.3	.4	.1	.3						1.8	7.0
E	.8	1.2	.4		.2						2.6	5.7
ESE	.6	.8	.8								2.2	5.4
SE	.4	1.0	1.5	1.1	.1						4.1	8.4
SSE	.4	1.8	2.7	1.3	.3	.1					6.7	8.8
S	1.0	1.7	4.2	7.1	2.0	.2					16.2	11.5
SSW	.4	1.3	1.4	2.9	1.0	.1					7.1	11.1
SW	.2	1.0	1.0	1.8	.8						4.7	11.0
WSW		.2	1.5	.5	.1	.1					2.5	10.4
W	.1	.2	1.0	.6							1.9	9.3
WNW		.1	.8	1.9	.3						3.1	12.5
NW	.8	.8	.9	2.0	.6						5.1	10.5
NNW		1.3	3.5	4.1	.8	.2					9.9	11.1
VARIABLE												
CALM	////////////////////										5.1	////
TOTALS	8.9	17.2	27.4	32.2	8.5	.8					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: DEC 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	1.1	3.3	5.7	5.8	1.5	.4					17.8	10.3
NNE	.5	1.3	1.5	1.4	.1						4.8	8.8
NE	1.0	1.3	1.0	.2	.1						3.5	5.8
ENE	1.4	1.4	.4	.1	.3						3.7	5.8
E	.5	1.6	.2	.1							2.5	5.0
ESE	.6	1.5	.6								2.8	5.3
SE	1.3	1.8	1.5	1.3							5.9	6.9
SSE	.6	2.0	4.4	2.2	.6	.1					10.0	9.2
S	1.1	3.0	4.5	6.2	1.2						16.0	9.9
SSW		1.2	1.2	1.5	.3						4.2	10.4
SW	.2	.3	1.2	1.1	.2						3.0	10.4
WSW	.2	.6	.8	.5							2.2	7.8
W	.1	.5	.9	.8	.1	.1					2.5	10.0
WNW	.1	.4	.5	1.0	.4						2.5	11.4
NW	.3	.8	1.5	2.2	.5						5.3	10.7
NNW	.3	.8	2.8	3.9	.6	.1					8.5	11.2
VARIABLE												
CALM	////////////////////										4.8	////
TOTALS	9.5	21.9	28.7	28.2	6.1	.8					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-84
MONTH: DEC HOURS(IST): 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	1.6	2.0	5.9	4.9	.9	.1						16.2	9.7
NNE	.2	1.2	1.0	.9	.2							4.3	8.7
NE	.8	1.4	1.1	.1								3.3	5.6
ENE	1.1	.8	.3									2.2	4.3
E	1.1	1.5	.2									2.8	3.9
ESE	1.1	1.7	.6	.1								3.5	4.7
SE	2.0	3.2	3.9	.3								9.5	5.9
SSE	1.6	3.1	4.3	.9	.2							10.1	7.1
S	2.8	4.2	4.8	2.7	.1							14.6	7.1
SSW	.4	1.9	.6	.1								3.1	5.6
SW	.1	.6	.2	.1	.1							1.2	7.4
WSW	.2	.9	.3									1.4	5.1
W	1.1	1.1	.3									2.5	3.9
WNW	1.7	.9	.3	.4	.1	.1						3.5	5.8
NW	1.6	1.7	1.6	.6								5.6	6.1
NNW	.5	.8	1.7	2.5	.9	.1						6.5	10.9
VARIABLE													
CALM	////////////////////////////////////											9.7	////
TOTALS	18.0	27.7	28.2	13.7	2.5	.3						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	2.6	4.9	5.8	.6	.1					15.5	9.8
NNE	.6	1.5	1.7	.5	.3						4.7	8.0
NE	.6	.6	.6	.2							2.2	6.0
ENE	.3	.3	.2								.9	4.6
E	.5	.6	.3								1.5	4.7
ESE	.5	1.2	.5	.2							2.5	5.8
SE	1.3	2.7	1.9	.3							6.2	5.7
SSE	1.3	3.5	3.9	1.4	.1						10.2	7.2
S	3.0	4.4	3.8	4.1	.2						15.5	7.5
SSW	.8	1.1	1.5	1.2	.1						4.6	7.8
SW	.2	.3	.3	.2							1.1	6.7
WSW	.5	.3	.4								1.3	4.9
W	1.2	.8									1.9	2.9
WNW	2.6	1.8	.3	.1							4.8	3.8
NW	1.5	1.4	.8	.9							4.5	6.3
NNW	.6	1.1	2.3	2.7	.3						7.0	9.5
VARIABLE												
CALM	////////////////////////////////////										15.6	////
TOTALS	17.1	24.3	23.5	17.6	1.7	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

PERIOD OF RECORD: 77-86

MONTH: DEC HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	3.3	5.3	6.0	1.2	.1					17.4	9.9
NNE	.6	1.1	1.3	1.2	.2						4.3	8.4
NE	.8	1.1	.6	.2	.0						2.7	5.6
ENE	.6	.6	.3	.0	.1						1.7	5.3
E	.8	.9	.3	.0	.0						2.0	4.5
ESE	.6	1.1	.4	.1							2.2	4.9
SE	1.1	2.0	1.8	.7	.0						5.6	6.4
SSE	1.4	2.7	3.3	1.2	.2	.0					8.7	7.4
S	2.3	3.9	4.6	4.0	.7	.0					15.5	8.3
SSW	.6	1.1	1.3	1.3	.3	.1					4.7	9.0
SW	.3	.6	.7	.6	.1						2.3	8.6
WSW	.3	.4	.6	.2	.0	.0					1.6	6.8
W	.9	.6	.6	.3	.0	.0					2.4	5.8
WNW	1.6	.8	.6	.7	.1	.0					3.8	6.2
NW	1.1	1.5	1.3	1.4	.2						5.5	7.9
NNW	.5	1.2	2.3	3.0	.6	.1					7.7	10.4
VARIABLE												
CALM	////////////////////										12.0	////
TOTALS	14.9	23.0	25.2	20.7	3.8	.4					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	2.4	3.1	3.0	.7	.1	.0	.0			10.5	9.3
NNE	.6	.9	1.1	.6	.1	.0	.0				3.3	7.6
NE	.8	1.0	.7	.2	.0						2.6	5.6
ENE	.8	.8	.4	.1	.0	.0					2.2	4.8
E	1.2	1.5	.8	.1	.0	.0					3.6	5.0
ESE	1.0	1.6	1.1	.2	.0						3.9	5.7
SE	1.2	2.7	2.7	.7	.1						7.3	6.6
SSE	1.8	3.9	4.9	2.3	.3	.0	.0	.0			13.3	7.7
S	2.5	5.3	7.1	5.2	.9	.1	.0				21.3	8.6
SSW	.5	1.2	1.5	.9	.1	.0					4.3	8.2
SW	.3	.6	.7	.3	.0	.0					2.0	7.2
WSW	.2	.4	.4	.2	.0	.0	.0				1.3	7.1
W	.8	.6	.5	.3	.1	.0	.0				2.3	6.1
WNW	1.2	.7	.4	.4	.1	.0	.0				2.7	5.9
NW	.8	.9	.8	.7	.2	.0	.0				3.5	7.7
NNW	.5	1.0	1.4	1.5	.5	.1	.0				5.1	10.1
VARIABLE												
CALM	////////////////////										10.8	////
TOTALS	15.4	25.7	27.7	16.7	3.1	.5	.0	.0			100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 87642

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

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

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

AND/OR

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.5	4.1	7.0	6.9	1.3	.1	.0					20.9	9.7
NNE	.9	1.8	2.2	1.0	.1							6.1	7.6
NE	1.0	2.0	1.2	.4	.0							4.5	6.1
ENE	1.4	1.7	.6	.1	.0							3.9	4.7
E	1.6	2.2	1.5	.2								5.5	5.3
ESE	.9	2.1	1.5	.2	.0							4.6	6.1
SE	1.0	3.1	3.2	.8	.1							8.2	6.9
SSE	1.2	3.2	4.1	1.7	.1	.0						10.3	7.6
S	1.3	2.6	3.6	3.2	.4	.1	.0					11.3	8.8
SSW	.3	.3	.4	.3	.0							1.3	7.9
SW	.1	.2	.2	.1	.0	.0						.6	7.0
WSW	.1	.1	.0	.1	.0							.4	7.1
W	.2	.3	.2	.2	.1	.0						1.0	8.2
WNW	.2	.5	.4	.5	.1	.0						1.8	9.3
NW	.4	.8	1.2	1.3	.2	.0						3.8	9.3
NNW	.4	1.1	2.5	3.5	.9	.2	.0					8.6	11.2
VARIABLE													
CALM	////////////////////											7.0	////
TOTALS	12.5	26.2	29.7	20.5	3.5	.5	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 7356

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CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VERSUS VISIBILITY SUMMARY

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

DATA DERIVED FROM HOURLY OBSERVATIONS.

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

NOTES:

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

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

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

SKY COVER SUMMARY

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

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

ALSO PRESENTED ARE MEAN SKY COVERS.

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87

MONTH: JAN HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	51.1	58.0	58.5	58.9	58.9	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.4	59.4	59.4	59.5
GE 20000	54.6	62.2	62.7	63.1	63.1	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.7
GE 18000	54.6	62.2	62.7	63.1	63.1	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.7
GE 16000	54.6	62.2	62.7	63.1	63.1	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.7
GE 14000	55.1	62.6	63.1	63.5	63.5	63.7	63.8	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.1
GE 12000	55.7	63.2	63.8	64.2	64.2	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.7
GE 10000	57.0	65.4	66.1	66.6	66.6	66.7	66.8	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.1
GE 9000	57.0	65.4	66.1	66.6	66.6	66.7	66.8	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.1
GE 8000	58.4	67.3	68.1	68.5	68.5	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	69.0
GE 7000	59.5	68.5	69.2	69.7	69.7	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.2
GE 6000	60.1	69.5	70.2	70.6	70.6	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.2
GE 5000	60.2	70.3	71.1	71.5	71.5	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	72.0
GE 4500	61.1	71.7	72.5	72.9	72.9	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.4
GE 4000	61.4	72.9	73.7	74.2	74.2	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.7
GE 3500	61.7	73.8	74.5	75.1	75.1	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.6
GE 3000	62.3	74.7	75.5	76.0	76.0	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.6
GE 2500	62.8	75.9	76.9	77.5	77.5	77.6	77.7	77.8	77.8	77.8	77.8	77.8	78.0	78.0	78.0	78.1
GE 2000	63.9	78.3	79.2	79.9	79.9	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.4
GE 1800	64.3	79.2	80.2	80.9	80.9	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.4
GE 1500	65.5	81.5	82.9	83.7	83.7	83.8	83.9	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.3
GE 1200	66.0	83.1	84.8	85.6	85.6	85.7	85.8	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.2
GE 1000	66.0	84.3	86.2	87.0	87.1	87.2	87.3	87.5	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.8
GE 900	66.0	85.1	87.4	88.4	88.5	88.6	88.7	88.9	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.2
GE 800	66.1	85.9	88.8	90.0	90.1	90.3	90.4	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.1
GE 700	66.1	86.3	89.7	91.3	92.0	92.3	92.4	92.7	92.7	92.8	92.8	92.8	92.9	92.9	92.9	93.0
GE 600	66.1	86.8	90.2	92.2	93.1	93.7	94.1	94.4	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.7
GE 500	66.1	86.8	90.4	92.5	93.4	94.1	94.5	95.4	95.4	95.5	95.5	95.5	95.7	95.7	95.7	95.8
GE 400	66.1	86.8	90.5	92.7	93.7	94.5	94.9	95.9	96.1	96.3	96.3	96.3	96.6	96.6	96.6	96.7
GE 300	66.1	86.8	90.5	92.8	93.9	94.8	95.3	96.5	96.7	97.0	97.3	97.3	97.5	97.5	97.5	97.6
GE 200	66.1	86.8	90.5	92.8	93.9	94.8	95.5	96.9	97.2	98.0	98.6	98.7	99.2	99.2	99.2	99.4
GE 100	66.1	86.8	90.5	92.8	93.9	94.8	95.5	96.9	97.2	98.0	98.6	98.7	99.2	99.2	99.5	100.0
GE 0	66.1	86.8	90.5	92.8	93.9	94.8	95.5	96.9	97.2	98.0	98.6	98.7	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 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	GE 0
NO CEIL	48.6	56.7	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 20000	51.1	59.9	60.5	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 18000	51.1	59.9	60.5	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 16000	51.1	59.9	60.5	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 14000	51.3	60.1	60.8	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 12000	52.3	61.1	61.7	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 10000	53.8	63.4	64.1	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 9000	53.8	63.4	64.1	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 8000	54.9	65.4	66.0	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 7000	55.5	65.9	66.6	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 6000	56.0	66.9	67.6	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 5000	56.2	67.6	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
GE 4500	57.3	69.1	69.9	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
GE 4000	57.5	69.8	70.5	71.8	71.8	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 3500	58.4	71.0	71.7	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 3000	58.9	71.9	72.7	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 2500	59.5	73.4	74.2	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 2000	60.0	75.1	75.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3
GE 1800	60.3	75.5	76.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7
GE 1500	60.9	77.5	78.7	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 1200	61.6	79.2	81.2	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9
GE 1000	61.7	81.1	83.2	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1
GE 900	61.8	82.0	85.2	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1
GE 800	62.0	83.4	87.0	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1
GE 700	62.3	84.5	88.4	90.5	91.5	91.6	91.6	91.7	91.7	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0
GE 600	62.3	84.5	88.6	90.8	91.8	92.0	92.3	92.6	92.6	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9
GE 500	62.3	84.5	88.9	91.1	92.2	92.5	92.8	93.2	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 400	62.3	84.5	88.9	91.1	92.3	93.0	93.8	94.3	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 300	62.3	84.5	88.9	91.2	92.4	93.3	94.5	95.2	95.4	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.7
GE 200	62.3	84.5	88.9	91.2	92.6	93.7	94.9	95.7	95.9	96.9	97.2	97.2	97.5	97.6	97.7	97.7	98.2
GE 100	62.3	84.5	88.9	91.2	92.6	93.7	94.9	95.7	96.0	97.1	97.6	97.6	98.2	98.5	98.6	98.6	99.7
GE 0	62.3	84.5	88.9	91.2	92.6	93.7	94.9	95.7	96.0	97.2	97.7	97.7	98.3	98.6	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE G
NO CEIL	39.1	50.3	51.0	51.2	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 20000	43.3	55.5	56.7	56.9	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 18000	43.8	56.2	57.4	57.6	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 16000	43.9	56.3	57.5	57.7	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 14000	44.3	56.8	58.0	58.2	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 12000	45.2	57.8	59.0	59.2	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 10000	45.8	58.8	60.0	60.2	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 9000	46.0	59.0	60.2	60.4	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 8000	47.2	61.4	62.6	62.8	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 7000	47.7	62.3	63.5	63.8	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 6000	48.1	63.0	64.4	64.7	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 5000	49.2	65.5	66.9	67.2	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 4500	50.0	67.1	68.8	69.1	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 4000	50.2	67.4	69.2	69.6	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 3500	50.5	68.4	70.2	70.5	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 3000	50.9	69.2	71.1	71.4	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 2500	51.5	70.5	72.4	72.7	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 2000	52.4	72.9	74.8	75.2	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 1800	52.7	73.3	75.3	75.6	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 1500	53.1	75.9	78.1	78.4	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 1200	53.3	77.8	80.6	81.0	81.6	81.6	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 1000	53.7	79.6	82.8	83.1	83.8	83.9	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 900	53.7	80.4	84.1	84.5	85.2	85.3	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 800	53.8	81.1	85.2	85.9	87.0	87.1	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 700	54.0	81.9	86.1	87.1	88.6	88.7	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 600	54.0	82.0	86.2	87.4	89.0	89.2	89.6	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 500	54.0	82.0	86.7	87.8	89.8	90.1	90.5	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 400	54.0	82.2	86.9	88.4	90.8	91.2	91.7	92.5	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 300	54.0	82.2	86.9	88.4	90.8	91.3	91.9	92.9	93.7	94.4	94.6	94.7	94.7	94.7	94.7	94.7
GE 200	54.0	82.2	86.9	88.4	90.8	91.3	92.3	93.7	94.4	95.9	96.5	96.7	96.8	96.8	96.8	96.8
GE 100	54.0	82.2	86.9	88.4	90.8	91.3	92.3	93.7	94.4	96.3	97.1	97.3	97.6	97.6	97.7	97.6
GE 0	54.0	82.2	86.9	88.4	90.8	91.3	92.3	93.7	94.4	96.3	97.1	97.3	97.6	97.6	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	37.6	44.8	46.0	46.6	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.0
GE 20000	35.6	53.7	55.2	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.2
GE 10000	35.9	54.1	55.6	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.7
GE 10000	36.0	54.2	55.7	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.8
GE 14000	36.1	54.6	56.2	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.3
GE 12000	36.9	55.7	57.3	58.0	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.7
GE 10000	37.5	56.6	58.2	58.8	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.7
GE 9000	37.7	56.8	58.4	59.0	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.9
GE 8000	38.9	58.9	60.5	61.2	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.2
GE 7000	39.5	59.9	61.7	62.5	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.4
GE 6000	39.6	60.2	62.0	62.8	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.9
GE 5000	40.4	62.5	64.3	65.1	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.2
GE 4500	40.9	64.7	66.9	67.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.8
GE 4000	41.1	64.9	67.2	68.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.2
GE 3500	41.4	65.3	67.6	68.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.8
GE 3000	41.5	65.8	68.2	69.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.4
GE 2500	42.3	67.5	70.0	70.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.3
GE 2000	43.2	69.5	72.0	73.1	74.3	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.8
GE 1800	43.4	70.0	72.6	73.9	75.1	75.2	75.4	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.7
GE 1500	44.0	73.2	76.1	77.5	78.7	78.8	79.0	79.0	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.4
GE 1200	44.4	76.8	79.8	81.4	82.8	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.5
GE 1000	44.5	77.4	80.6	82.4	83.9	84.0	84.4	84.5	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.9
GE 900	44.6	78.1	81.6	83.5	85.1	85.4	85.8	85.9	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.3
GE 800	44.6	78.7	82.6	84.5	86.2	86.6	87.0	87.1	87.3	87.4	87.4	87.4	87.6	87.7	87.7	87.8
GE 700	44.7	79.5	83.4	85.6	88.3	88.7	89.2	89.4	89.6	89.8	89.9	89.9	90.1	90.2	90.2	90.3
GE 600	44.7	79.5	83.5	85.7	88.6	89.0	89.7	90.0	90.2	90.4	90.5	90.5	90.8	90.9	90.9	91.0
GE 500	44.7	79.8	84.0	86.3	89.6	90.2	91.2	91.7	92.2	92.7	92.8	92.9	93.2	93.3	93.3	93.4
GE 400	44.7	79.8	84.2	86.7	90.2	91.3	92.5	93.4	94.2	95.4	95.6	95.7	96.2	96.3	96.3	96.6
GE 300	44.7	79.8	84.2	86.7	90.2	91.3	92.6	93.7	94.6	96.2	96.8	96.9	97.6	97.7	97.8	98.2
GE 200	44.7	79.8	84.2	86.7	90.2	91.3	92.6	93.8	94.9	96.9	97.7	97.8	98.8	99.0	99.1	99.7
GE 100	44.7	79.8	84.2	86.7	90.2	91.3	92.6	93.8	94.9	96.9	97.7	97.8	98.8	99.0	99.2	100.0
GE 0	44.7	79.8	84.2	86.7	90.2	91.3	92.6	93.8	94.9	96.9	97.7	97.8	98.8	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 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 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	38.4	51.0	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 20000	43.8	58.8	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 18000	44.3	59.5	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 16000	44.4	59.6	60.4	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 14000	44.4	59.9	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 12000	45.2	60.9	61.7	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 10000	46.7	62.9	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 9000	46.9	63.2	64.2	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
GE 8000	48.3	65.3	66.3	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 7000	48.5	66.2	67.3	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 6000	48.9	67.2	68.3	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 5000	49.4	68.7	69.9	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 4500	49.9	69.8	71.2	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 4000	50.2	70.8	72.3	72.5	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 3500	50.2	71.2	72.7	72.9	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 3000	51.0	73.0	74.5	75.1	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 2500	51.6	75.1	76.8	77.3	77.6	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 2000	52.5	77.7	79.6	80.1	80.5	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 1800	52.5	78.6	80.5	81.1	81.5	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 1500	53.0	81.7	83.8	84.8	85.4	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 1200	53.0	83.5	85.7	87.0	87.6	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1000	53.0	84.0	86.2	87.7	88.4	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 900	53.0	84.3	86.9	88.8	89.6	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 800	53.0	84.4	87.0	89.1	90.4	90.6	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 700	53.1	84.7	87.8	90.1	91.9	92.2	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 600	53.1	85.1	88.3	90.6	92.6	93.1	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 500	53.1	85.3	88.5	91.0	92.9	93.5	94.5	94.9	96.2	96.5	96.7	96.7	96.8	96.8	96.8	96.8
GE 400	53.1	85.3	88.5	91.0	93.0	93.9	95.5	96.3	98.0	98.5	98.9	98.9	99.0	99.0	99.0	99.0
GE 300	53.1	85.3	88.5	91.0	93.0	93.9	95.5	96.5	98.1	98.9	99.4	99.5	99.9	99.9	99.9	99.9
GE 200	53.1	85.3	88.5	91.0	93.0	93.9	95.5	96.5	98.1	98.9	99.4	99.5	99.9	99.9	99.9	99.9
GE 100	53.1	85.3	88.5	91.0	93.0	93.9	95.6	96.6	98.2	99.0	99.5	99.6	100.0	100.0	100.0	100.0
GE 0	53.1	85.3	88.5	91.0	93.0	93.9	95.6	96.6	98.2	99.0	99.5	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 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	42.5	51.1	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 20000	51.6	61.6	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 18000	52.7	62.7	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 16000	52.7	62.7	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 14000	53.2	63.7	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	64.5
GE 12000	54.1	64.8	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 10000	55.6	67.1	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	68.0
GE 9000	55.6	67.2	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 8000	57.3	70.0	70.8	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 7000	57.5	71.0	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 6000	58.1	71.8	72.6	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 5000	58.6	73.3	74.3	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 4500	58.9	73.8	74.8	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4000	59.0	74.0	75.1	75.4	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 3500	59.4	75.1	76.1	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
GE 3000	59.8	77.3	78.6	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.4	79.4	79.4
GE 2500	60.2	78.5	80.2	80.5	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.1
GE 2000	60.5	81.4	83.2	83.5	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.1	84.1	84.1
GE 1800	60.5	82.2	84.0	84.3	84.5	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.8	84.8	84.8
GE 1500	60.6	82.7	84.5	84.9	85.4	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.7	85.7	85.7
GE 1200	60.9	83.1	84.9	85.6	86.3	86.3	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.8	86.8	86.8
GE 1000	61.0	84.1	86.3	87.3	88.5	88.5	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.2	89.2	89.2
GE 900	61.0	84.7	87.1	88.1	89.4	89.4	89.8	90.0	90.1	90.2	90.2	90.2	90.2	90.3	90.3	90.3
GE 800	61.0	85.2	87.6	88.9	90.3	90.3	90.9	91.1	91.2	91.4	91.5	91.5	91.5	91.7	91.7	91.7
GE 700	61.0	85.4	88.6	90.3	92.3	92.3	92.9	93.3	93.5	93.8	93.9	94.0	94.2	94.2	94.2	94.2
GE 600	61.0	85.6	88.9	90.6	92.7	92.8	93.9	94.5	94.7	95.1	95.2	95.3	95.5	95.5	95.5	95.5
GE 500	61.0	85.7	89.0	91.0	93.0	93.1	94.3	95.4	96.3	96.7	96.8	96.9	97.3	97.3	97.3	97.3
GE 400	61.0	85.7	89.0	91.0	93.0	93.1	94.8	96.2	98.0	98.4	98.5	98.7	99.2	99.2	99.2	99.2
GE 300	61.0	85.7	89.0	91.0	93.0	93.1	94.9	96.5	98.2	98.9	99.1	99.4	100.0	100.0	100.0	100.0
GE 200	61.0	85.7	89.0	91.0	93.0	93.1	94.9	96.5	98.2	98.9	99.1	99.4	100.0	100.0	100.0	100.0
GE 100	61.0	85.7	89.0	91.0	93.0	93.1	94.9	96.5	98.2	98.9	99.1	99.4	100.0	100.0	100.0	100.0
GE 0	61.0	85.7	89.0	91.0	93.0	93.1	94.9	96.5	98.2	98.9	99.1	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87

MONTH: JAN HOURS (LST): 1800-2000

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	46.9	56.2	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 20000	52.7	63.2	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 18000	53.2	63.9	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 16000	53.2	63.9	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 14000	53.7	64.4	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 12000	54.6	65.7	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 10000	55.9	68.5	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 9000	56.0	68.6	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 8000	57.3	70.8	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 7000	58.0	71.9	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 6000	58.7	73.1	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 5000	58.9	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
GE 4500	59.7	75.4	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 4000	59.9	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
GE 3500	60.3	77.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 3000	61.0	78.9	79.9	79.9	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	61.1	80.0	81.2	81.2	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 2000	61.3	81.1	82.5	82.5	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 1800	61.5	81.5	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1500	61.8	82.5	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1200	61.9	83.0	85.4	85.4	85.9	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1000	61.9	83.8	86.5	87.0	87.3	87.5	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 900	61.9	84.1	86.8	87.5	88.0	88.2	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 800	61.9	84.8	87.6	88.6	89.4	89.7	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 700	62.0	85.5	88.5	89.9	91.3	91.6	92.5	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 600	62.0	85.6	88.6	90.1	91.7	92.2	93.2	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 500	62.0	85.7	89.0	90.6	92.6	93.2	94.5	94.7	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 400	62.0	85.7	89.4	91.2	93.3	94.2	95.9	96.5	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	62.0	85.7	89.4	91.3	93.5	94.5	96.2	96.8	98.6	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	62.0	85.7	89.4	91.3	93.5	94.6	96.3	97.0	98.8	99.4	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	62.0	85.7	89.4	91.3	93.5	94.6	96.3	97.0	98.8	99.4	99.9	99.9	99.9	99.9	100.0	100.0
GE 0	62.0	85.7	89.4	91.3	93.5	94.6	96.3	97.0	98.8	99.4	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	50.8	58.5	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 20000	55.7	64.2	64.6	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	55.8	64.5	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 16000	55.9	64.6	65.1	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	56.6	65.3	65.7	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 12000	57.1	65.8	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
GE 10000	58.1	67.4	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 9000	59.3	67.6	68.1	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 8000	59.6	69.7	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 7000	60.3	71.0	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 6000	60.8	72.0	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 5000	61.5	73.5	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	74.4
GE 4500	62.5	75.4	76.0	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 4000	62.8	75.8	76.5	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 3500	63.3	76.8	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
GE 3000	64.1	78.3	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
GE 2500	64.4	79.7	80.5	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2000	64.7	81.5	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
GE 1800	64.7	81.7	82.6	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
GE 1500	65.2	83.3	84.3	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1200	65.3	84.4	85.8	86.2	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1000	65.3	84.6	86.0	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 900	65.3	85.2	86.7	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 800	65.6	86.1	88.1	88.7	89.1	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 700	65.6	86.6	88.7	89.7	91.1	91.5	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
GE 600	65.6	86.6	88.9	90.1	91.7	92.3	92.6	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
GE 500	65.6	86.6	89.4	91.1	93.0	93.9	94.4	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 400	65.6	86.6	89.6	91.7	94.0	94.8	95.7	96.3	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3
GE 300	65.6	86.6	89.6	91.7	94.4	95.3	96.2	97.3	98.0	98.4	98.6	98.6	98.7	98.7	98.7	98.7
GE 200	65.6	86.6	89.6	91.7	94.5	95.4	96.3	97.5	98.2	98.8	99.0	99.0	99.5	99.5	99.5	99.5
GE 100	65.6	86.6	89.6	91.7	94.5	95.4	96.3	97.5	98.2	98.8	99.0	99.1	99.6	99.8	99.8	100.0
GE 0	65.6	86.6	89.6	91.7	94.5	95.4	96.3	97.5	98.2	98.8	99.0	99.1	99.6	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87

MONTH: JAN HOURS (LST): ALL

CEILING 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	43.5	53.3	54.0	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 20000	48.5	59.9	60.7	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2
GE 18000	48.9	60.4	61.2	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
GE 16000	49.0	60.4	61.2	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7
GE 14000	49.3	60.9	61.7	62.0	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 12000	50.1	61.9	62.7	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 10000	51.3	63.8	64.6	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2
GE 9000	51.4	63.9	64.8	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 8000	52.7	66.1	67.0	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6
GE 7000	53.3	67.1	68.0	68.3	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 6000	53.8	68.0	68.9	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6
GE 5000	54.3	69.5	70.5	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2
GE 4500	55.0	70.9	72.0	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8
GE 4000	55.3	71.4	72.6	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5
GE 3500	55.7	72.3	73.6	74.0	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 3000	56.2	73.7	74.9	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9
GE 2500	56.7	75.1	76.5	77.1	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6
GE 2000	57.3	77.2	78.7	79.3	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
GE 1800	57.5	77.8	79.3	79.9	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5
GE 1500	58.0	79.8	81.6	82.4	82.7	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 1200	58.3	81.4	83.5	84.4	84.9	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3
GE 1000	58.4	82.4	84.7	85.7	86.3	86.4	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.9
GE 900	58.4	83.0	85.7	86.8	87.5	87.6	87.8	87.9	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1
GE 800	58.5	83.7	86.7	88.1	88.9	89.2	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8
GE 700	58.6	84.3	87.7	89.3	90.9	91.1	91.5	91.7	91.7	91.9	91.9	91.9	92.0	92.0	92.0	92.0
GE 600	58.6	84.4	87.9	89.7	91.4	91.8	92.4	92.7	92.8	92.9	93.0	93.0	93.1	93.1	93.1	93.1
GE 500	58.6	84.5	88.2	90.2	92.1	92.6	93.3	93.9	94.4	94.5	94.6	94.7	94.8	94.8	94.8	94.8
GE 400	58.6	84.6	88.4	90.5	92.5	93.3	94.4	95.2	96.1	96.5	96.6	96.7	96.9	96.9	96.9	96.9
GE 300	58.6	84.6	88.4	90.5	92.6	93.4	94.7	95.6	96.6	97.4	97.7	97.7	98.0	98.0	98.1	98.2
GE 200	58.6	84.6	88.4	90.5	92.7	93.5	94.8	95.9	97.0	98.0	98.4	98.5	99.0	99.0	99.0	99.3
GE 100	58.6	84.6	88.4	90.5	92.7	93.5	94.8	95.9	97.0	98.1	98.6	98.7	99.2	99.3	99.4	99.9
GE 0	58.6	84.6	88.4	90.5	92.7	93.5	94.8	95.9	97.0	98.1	98.6	98.7	99.2	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.6	54.5	55.4	56.0	56.4	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 20000	50.7	58.4	59.5	60.0	60.5	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 18000	50.7	58.4	59.5	60.0	60.5	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 16000	50.7	58.4	59.5	60.0	60.5	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 14000	50.7	58.4	59.5	60.0	60.5	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 12000	50.7	58.5	59.6	60.2	60.6	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 10000	51.4	59.5	60.5	61.2	61.7	61.9	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 9000	51.7	59.7	60.8	61.5	61.9	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 8000	52.7	60.9	61.9	62.6	63.1	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 7000	52.7	61.1	62.2	62.9	63.4	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 6000	53.5	62.1	63.1	63.8	64.3	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 5000	54.4	63.7	64.8	65.5	66.0	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 4500	55.3	65.2	66.3	67.0	67.5	67.7	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 4000	55.6	65.8	66.9	67.6	68.1	68.3	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 3500	56.1	66.5	67.6	68.3	68.8	69.0	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 3000	56.7	68.2	69.3	70.1	70.6	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 2500	57.4	71.0	72.1	73.0	73.5	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 2000	58.7	73.6	74.7	75.7	76.2	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 1800	59.0	74.9	76.0	77.0	77.5	77.8	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 1500	61.0	80.1	81.3	82.3	83.2	83.5	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 1200	61.5	81.9	83.2	84.4	85.3	85.6	85.7	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1000	62.6	84.2	85.7	86.9	87.8	88.1	88.3	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 900	62.9	84.5	86.4	87.6	88.5	88.8	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 800	63.0	85.1	87.6	89.0	90.2	90.4	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 700	63.0	85.5	88.5	90.2	92.0	92.2	92.9	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 600	63.0	85.7	89.0	90.8	92.6	92.8	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 500	63.0	85.8	89.1	91.4	93.4	93.6	94.7	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5
GE 400	63.4	86.2	89.5	92.0	94.2	94.7	96.1	96.6	96.7	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.3
GE 300	63.4	86.2	89.6	92.1	94.3	94.9	96.6	97.0	97.3	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.1
GE 200	63.4	86.2	89.6	92.1	94.4	95.2	96.8	97.3	97.6	98.2	98.5	98.5	98.5	98.7	98.8	98.8	98.9
GE 100	63.4	86.2	89.6	92.1	94.4	95.2	96.8	97.3	97.9	98.6	98.8	98.8	98.8	99.1	99.3	99.4	99.8
GE 0	63.4	86.2	89.6	92.1	94.4	95.2	96.8	97.3	97.9	98.6	98.8	98.8	98.8	99.1	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 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 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	41.1	50.2	50.7	51.8	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2
GE 20000	43.9	54.6	55.1	56.1	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
GE 18000	43.9	54.6	55.1	56.1	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
GE 16000	43.9	54.6	55.1	56.1	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
GE 14000	43.9	54.6	55.1	56.1	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
GE 12000	44.0	55.1	55.6	56.6	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1
GE 10000	44.8	56.4	56.9	57.9	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4
GE 9000	44.9	56.5	57.0	58.0	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5
GE 8000	45.6	58.0	58.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0
GE 7000	45.7	58.2	58.6	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.2	60.2
GE 6000	46.1	58.5	59.0	60.0	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5
GE 5000	47.0	60.2	60.6	61.8	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3
GE 4500	48.0	61.7	62.2	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9
GE 4000	48.1	62.5	63.0	64.2	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8
GE 3500	48.5	63.1	63.6	64.8	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.4	65.4
GE 3000	48.9	65.1	65.7	67.0	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 2500	50.0	67.8	68.6	70.1	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7
GE 2000	51.1	70.9	71.6	73.3	73.6	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0
GE 1800	51.9	72.7	73.6	75.3	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0
GE 1500	53.0	77.0	78.3	80.0	80.6	80.7	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0
GE 1200	54.5	80.7	82.4	84.3	85.1	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6
GE 1000	55.6	82.4	84.2	86.5	87.6	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2
GE 900	55.7	82.9	84.8	87.1	88.3	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1
GE 800	55.8	83.3	85.2	88.3	89.5	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4
GE 700	55.9	83.7	85.9	89.7	91.1	91.6	91.7	91.8	92.0	92.0	92.1	92.1	92.1	92.1	92.2	92.2
GE 600	55.9	83.7	86.1	90.0	91.6	92.4	92.8	93.3	93.4	93.4	93.6	93.6	93.6	93.6	93.7	93.7
GE 500	55.9	83.7	86.1	90.1	92.4	93.3	94.1	94.6	94.7	94.7	94.9	94.9	94.9	94.9	95.0	95.0
GE 400	55.9	83.8	86.2	90.4	93.6	94.6	95.5	96.0	96.2	96.5	96.7	96.7	96.8	96.8	96.9	96.9
GE 300	55.9	83.8	86.3	90.5	93.9	95.0	96.0	96.7	97.0	97.3	97.5	97.5	97.6	97.6	97.8	97.8
GE 200	55.9	83.8	86.3	90.5	94.0	95.2	96.1	96.8	97.3	97.6	98.0	98.0	98.3	98.3	98.6	98.6
GE 100	55.9	83.8	86.3	90.5	94.0	95.2	96.1	96.8	97.3	97.6	98.1	98.1	98.6	98.8	99.4	99.9
GE 0	55.9	83.8	86.3	90.5	94.0	95.2	96.1	96.8	97.3	97.6	98.1	98.1	98.6	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.4	42.1	44.3	45.3	45.9	46.0	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.5	46.7
GE 20000	30.1	46.3	48.7	49.8	50.4	50.5	50.8	50.8	50.9	50.9	50.9	50.9	51.1	51.1	51.2	51.4
GE 18000	30.1	46.5	48.8	49.9	50.5	50.6	50.9	50.9	51.1	51.1	51.1	51.1	51.2	51.2	51.3	51.5
GE 16000	30.1	46.6	48.9	50.0	50.6	50.7	51.1	51.1	51.2	51.2	51.2	51.2	51.3	51.3	51.4	51.7
GE 14000	30.1	46.7	49.1	50.1	50.7	50.8	51.2	51.2	51.3	51.3	51.3	51.3	51.4	51.4	51.5	51.8
GE 12000	30.9	47.5	50.2	51.3	51.9	52.0	52.4	52.4	52.5	52.5	52.5	52.5	52.6	52.6	52.7	53.0
GE 10000	31.6	48.7	51.4	52.6	53.2	53.3	53.7	53.7	53.8	53.8	53.8	53.8	53.9	53.9	54.0	54.3
GE 9000	31.7	48.9	51.7	52.8	53.4	53.5	53.9	53.9	54.0	54.0	54.0	54.0	54.1	54.1	54.3	54.5
GE 8000	32.3	50.7	53.5	54.7	55.3	55.4	55.8	55.8	55.9	55.9	55.9	55.9	56.0	56.0	56.1	56.4
GE 7000	32.5	51.2	54.0	55.2	55.9	56.0	56.4	56.4	56.5	56.5	56.5	56.5	56.6	56.6	56.7	57.0
GE 6000	32.9	51.8	54.7	55.9	56.6	56.7	57.1	57.1	57.2	57.2	57.2	57.2	57.3	57.3	57.4	57.7
GE 5000	34.0	54.0	57.0	58.2	58.9	59.0	59.3	59.3	59.5	59.5	59.5	59.5	59.6	59.6	59.7	59.9
GE 4500	34.3	54.5	57.4	58.6	59.5	59.6	59.9	59.9	60.0	60.0	60.0	60.0	60.2	60.2	60.3	60.5
GE 4000	34.8	55.1	58.0	59.3	60.3	60.4	60.8	60.8	60.9	60.9	60.9	60.9	61.0	61.0	61.1	61.3
GE 3500	35.2	56.1	59.2	60.5	61.5	61.6	61.9	61.9	62.1	62.1	62.1	62.1	62.2	62.2	62.3	62.5
GE 3000	36.5	58.3	61.5	62.8	63.8	63.9	64.3	64.3	64.4	64.4	64.4	64.4	64.5	64.5	64.7	64.9
GE 2500	37.7	61.8	65.2	66.8	68.0	68.1	68.4	68.4	68.6	68.6	68.6	68.6	68.7	68.7	68.8	69.0
GE 2000	38.5	64.4	68.2	70.1	71.3	71.4	71.7	71.7	71.9	71.9	71.9	71.9	72.0	72.0	72.1	72.3
GE 1800	38.9	65.4	69.3	71.2	72.5	72.6	72.9	72.9	73.0	73.0	73.0	73.0	73.2	73.2	73.3	73.5
GE 1500	39.8	69.9	74.2	76.2	77.8	78.0	78.4	78.4	78.5	78.5	78.5	78.5	78.6	78.6	78.7	79.0
GE 1200	40.8	72.2	76.7	79.2	80.7	81.0	81.3	81.3	81.4	81.7	81.7	81.7	81.8	81.8	81.9	82.2
GE 1000	41.3	74.2	79.0	81.6	83.2	83.5	83.9	83.9	84.0	84.3	84.3	84.3	84.4	84.4	84.5	84.8
GE 900	41.3	74.5	79.7	82.4	84.0	84.3	84.9	85.1	85.2	85.5	85.5	85.5	85.6	85.6	85.7	85.9
GE 800	41.4	74.9	80.3	83.3	85.5	85.7	86.5	86.8	87.1	87.4	87.4	87.4	87.6	87.6	87.7	87.9
GE 700	41.6	75.4	80.9	84.0	86.8	87.4	88.3	88.5	89.0	89.2	89.2	89.2	89.5	89.5	89.6	89.8
GE 600	41.6	75.8	81.4	84.9	88.2	88.8	89.7	90.2	90.7	91.1	91.1	91.1	91.4	91.4	91.5	91.7
GE 500	41.6	75.8	81.6	85.3	89.0	89.6	91.0	91.6	92.1	92.9	93.0	93.0	93.3	93.3	93.4	93.6
GE 400	41.6	75.9	81.8	85.9	90.4	91.5	92.9	93.6	94.2	95.3	95.5	95.5	95.7	95.7	95.9	96.1
GE 300	41.6	75.9	81.8	86.1	90.5	91.6	93.1	93.9	94.4	95.6	96.0	96.0	96.3	96.5	96.7	96.9
GE 200	41.6	75.9	81.8	86.1	90.9	92.0	93.5	94.2	95.3	96.6	96.9	96.9	97.4	97.8	98.6	98.8
GE 100	41.6	75.9	81.8	86.1	90.9	92.0	93.5	94.2	95.3	96.6	97.2	97.2	97.6	98.0	99.2	100.0
GE CI	41.6	75.9	81.8	86.1	90.9	92.0	93.5	94.2	95.3	96.6	97.2	97.2	97.6	98.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.1	41.8	44.2	44.9	45.3	45.3	45.4	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 20000	26.4	46.3	49.1	49.9	50.5	50.5	50.6	50.7	50.7	50.8	50.8	50.8	51.1	51.1	51.1	51.1
GE 18000	26.5	46.8	49.5	50.4	50.9	50.9	51.1	51.2	51.2	51.3	51.3	51.3	51.5	51.5	51.5	51.5
GE 16000	26.5	46.8	49.5	50.4	50.9	50.9	51.1	51.2	51.2	51.3	51.3	51.3	51.5	51.5	51.5	51.5
GE 14000	26.7	47.5	50.2	51.1	51.7	51.7	51.8	51.9	51.9	52.0	52.0	52.0	52.2	52.2	52.2	52.2
GE 12000	27.0	48.9	51.7	52.5	53.1	53.1	53.2	53.3	53.3	53.4	53.4	53.4	53.7	53.7	53.7	53.7
GE 10000	27.5	51.2	53.9	54.8	55.4	55.4	55.6	55.7	55.7	55.8	55.8	55.8	56.0	56.0	56.0	56.0
GE 9000	27.7	51.4	54.1	55.1	55.7	55.7	55.8	55.9	55.9	56.0	56.0	56.0	56.3	56.3	56.3	56.3
GE 8000	29.0	53.5	56.3	57.3	58.2	58.2	58.3	58.4	58.4	58.5	58.5	58.5	58.7	58.7	58.7	58.7
GE 7000	29.1	53.7	56.4	57.4	58.3	58.3	58.5	58.6	58.6	58.7	58.7	58.7	59.0	59.0	59.0	59.0
GE 6000	29.4	54.7	57.4	58.5	59.3	59.5	59.6	59.7	59.7	59.8	59.8	59.8	60.0	60.0	60.0	60.0
GE 5000	29.8	55.7	58.4	59.5	60.3	60.4	60.5	60.6	60.6	60.8	60.8	60.8	61.0	61.0	61.0	61.0
GE 4500	29.8	56.5	59.2	60.3	61.2	61.3	61.5	61.6	61.6	61.7	61.7	61.7	61.9	61.9	61.9	61.9
GE 4000	30.3	57.2	59.9	61.0	61.9	62.1	62.2	62.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6
GE 3500	30.4	58.2	61.0	62.1	63.0	63.1	63.2	63.4	63.4	63.5	63.5	63.5	63.7	63.7	63.7	63.7
GE 3200	31.4	61.2	64.2	65.2	66.2	66.3	66.4	66.5	66.5	66.7	66.7	66.7	66.9	66.9	66.9	66.9
GE 2500	32.4	63.7	67.1	68.7	70.0	70.1	70.2	70.3	70.3	70.4	70.4	70.4	70.7	70.7	70.7	70.7
GE 2000	33.0	66.1	70.0	72.0	73.4	73.5	73.8	73.9	73.9	74.0	74.0	74.0	74.2	74.2	74.2	74.2
GE 1800	33.0	66.7	70.6	72.6	74.1	74.2	74.5	74.6	74.6	74.7	74.7	74.7	74.9	74.9	74.9	74.9
GE 1500	33.9	69.1	73.5	75.7	77.5	77.7	77.9	78.0	78.0	78.1	78.1	78.1	78.4	78.4	78.4	78.4
GE 1200	34.2	71.5	76.5	79.2	81.1	81.2	81.4	81.6	81.6	81.7	81.8	81.8	82.3	82.3	82.3	82.3
GE 1000	34.4	72.7	77.9	81.2	83.1	83.2	83.6	83.7	83.7	83.9	84.0	84.0	84.5	84.5	84.5	84.5
GE 900	34.4	73.0	78.6	83.2	85.2	85.3	85.9	86.1	86.1	86.3	86.4	86.4	86.9	86.9	86.9	86.9
GE 800	34.4	73.3	79.4	84.5	87.1	87.5	88.2	88.4	88.5	88.9	89.1	89.1	89.7	89.7	89.7	89.7
GE 700	34.5	73.5	79.9	85.2	88.5	88.9	89.7	90.4	90.5	90.9	91.1	91.1	91.7	91.7	91.7	91.7
GE 600	34.5	74.0	80.4	85.9	89.5	90.1	91.1	92.1	92.2	92.6	92.6	92.6	93.4	93.4	93.4	93.4
GE 500	34.5	74.0	80.5	86.2	90.0	90.9	92.1	93.4	93.6	94.0	94.2	94.2	94.8	94.8	94.8	94.8
GE 400	34.5	74.1	80.6	86.3	90.2	91.4	92.8	94.4	95.5	96.3	96.6	96.6	97.2	97.3	97.3	97.3
GE 300	34.5	74.1	80.6	86.3	90.2	91.4	92.8	94.6	95.9	97.6	98.0	98.1	98.7	98.8	99.1	99.1
GE 200	34.5	74.1	80.6	86.3	90.2	91.4	92.8	94.6	95.9	97.8	98.1	98.2	99.3	99.4	99.6	99.6
GE 100	34.5	74.1	80.6	86.3	90.2	91.4	92.8	94.6	95.9	97.8	98.1	98.2	99.3	99.4	99.8	99.9
GE 0	34.5	74.1	80.6	86.3	90.2	91.4	92.8	94.6	95.9	97.8	98.1	98.2	99.3	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 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	33.7	46.9	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 20000	38.2	54.8	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 18000	38.5	55.2	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	55.8
GE 16000	38.7	55.3	55.8	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 14000	38.7	55.4	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 12000	39.0	56.6	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
GE 10000	40.1	58.9	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 9000	40.2	59.1	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 8000	41.3	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	61.9	61.9
GE 7000	41.3	61.5	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 6000	41.4	61.9	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 5000	41.4	62.5	63.0	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 4500	41.6	63.1	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
GE 4000	42.3	64.5	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 3500	42.4	65.7	66.2	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 3000	44.1	68.8	69.3	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 2500	46.1	72.0	72.6	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
GE 2000	46.8	75.2	76.1	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
GE 1800	46.9	75.7	76.6	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 1500	47.6	78.8	80.6	81.3	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 1200	47.6	80.6	83.7	84.6	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.5	85.5
GE 1000	47.9	82.2	85.6	87.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.7	88.7
GE 900	48.1	82.4	86.3	88.2	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.4	90.4
GE 800	48.1	82.6	86.8	89.1	91.6	91.8	92.2	92.2	92.2	92.4	92.4	92.6	92.6	92.6	92.7	92.7
GE 700	48.1	82.6	87.0	89.5	92.8	93.1	93.5	93.5	93.9	93.9	93.9	94.0	94.0	94.0	94.1	94.1
GE 600	48.1	82.6	87.0	89.7	93.4	93.7	94.2	94.2	94.6	94.6	94.6	94.7	94.7	94.7	94.8	94.8
GE 500	48.1	82.6	87.4	90.4	94.9	95.5	96.7	96.8	97.2	97.3	97.5	97.5	97.5	97.5	97.6	97.6
GE 400	48.1	82.6	87.4	90.4	95.3	96.0	97.3	97.6	98.1	98.7	99.2	99.2	99.2	99.2	99.3	99.3
GE 300	48.1	82.6	87.4	90.4	95.4	96.1	97.4	97.8	98.5	99.2	99.6	99.8	99.8	99.8	99.9	99.9
GE 200	48.1	82.6	87.4	90.4	95.4	96.1	97.4	97.8	98.5	99.3	99.8	99.9	99.9	99.9	100.0	100.0
GE 100	48.1	82.6	87.4	90.4	95.4	96.1	97.4	97.8	98.5	99.3	99.8	99.9	99.9	99.9	100.0	100.0
GE 0	48.1	82.6	87.4	90.4	95.4	96.1	97.4	97.8	98.5	99.3	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	40.9	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 20000	47.4	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 18000	47.8	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 16000	48.1	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 14000	48.1	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 12000	48.8	61.3	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 10000	49.3	62.6	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 9000	49.4	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 8000	50.2	64.4	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 7000	50.2	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 6000	50.9	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 5000	51.3	67.1	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 4500	51.8	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 4000	52.7	69.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 3500	53.5	70.9	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 3000	55.9	74.7	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 2500	56.4	77.1	77.3	77.4	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 2000	56.7	79.4	80.0	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 1800	57.0	80.4	81.4	81.7	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 1500	57.2	81.8	83.1	84.0	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1200	57.2	83.7	86.2	87.6	88.4	88.4	88.5	88.5	88.5	88.7	88.7	88.7	88.7	88.7
GE 1000	57.2	84.5	87.6	89.5	90.7	90.7	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1
GE 900	57.2	84.8	88.2	90.7	92.0	92.1	92.4	92.7	92.7	92.8	92.8	92.8	92.8	92.8
GE 800	57.2	85.0	88.7	92.1	94.0	94.1	94.4	94.8	94.8	95.0	95.0	95.0	95.0	95.0
GE 700	57.2	85.1	88.9	93.1	95.2	95.3	95.9	96.2	96.2	96.5	96.5	96.5	96.5	96.5
GE 600	57.2	85.2	89.0	93.3	95.4	95.6	96.5	96.9	97.0	97.3	97.3	97.3	97.3	97.3
GE 500	57.2	85.2	89.2	93.6	95.9	96.3	97.4	98.1	98.3	98.6	98.6	98.6	98.6	98.6
GE 400	57.2	85.5	89.5	93.9	96.1	96.7	97.8	98.5	98.9	99.4	99.6	99.6	99.6	99.6
GE 300	57.2	85.5	89.5	93.9	96.1	96.7	97.8	98.5	98.9	99.4	99.6	99.9	99.9	99.9
GE 200	57.2	85.5	89.5	93.9	96.1	96.7	97.8	98.5	98.9	99.4	99.6	99.9	100.0	100.0
GE 100	57.2	85.5	89.5	93.9	96.1	96.7	97.8	98.5	98.9	99.4	99.6	99.9	100.0	100.0
GE 0	57.2	85.5	89.5	93.9	96.1	96.7	97.8	98.5	98.9	99.4	99.6	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 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	45.4	54.0	54.1	54.1	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 20000	49.6	60.5	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 18000	49.8	60.6	60.9	60.9	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	49.8	60.6	60.9	60.9	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 14000	49.8	61.0	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 12000	50.2	61.7	61.9	61.9	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 10000	51.7	63.7	63.9	63.9	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 9000	51.7	63.7	63.9	63.9	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 8000	52.5	64.7	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 7000	52.6	65.2	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 6000	52.6	65.5	65.7	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 5000	53.2	67.0	67.3	67.3	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 4500	54.1	69.3	69.5	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
GE 4000	54.6	70.4	70.7	70.7	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 3500	55.3	71.2	71.4	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
GE 3000	56.5	73.4	73.8	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 2500	56.9	76.2	76.7	76.7	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 2000	57.3	78.8	79.9	79.9	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 1800	57.8	80.1	81.2	81.2	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 1500	59.3	83.2	84.4	85.1	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1200	59.6	84.6	86.2	87.5	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1000	59.8	85.3	87.6	89.2	90.2	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 900	59.8	85.9	88.7	90.5	91.6	91.7	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 800	59.8	86.2	89.1	91.4	93.0	93.1	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 700	59.8	86.9	90.3	92.9	95.5	95.6	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 600	59.8	86.9	90.7	93.5	96.2	96.3	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	59.8	86.9	90.7	93.6	96.6	96.7	97.8	98.2	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	59.8	86.9	90.7	93.6	96.7	96.8	98.0	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	59.8	86.9	90.7	93.6	96.7	96.8	98.0	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	59.8	86.9	90.7	93.6	96.7	96.8	98.0	99.1	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	59.8	86.9	90.7	93.6	96.7	96.8	98.0	99.1	99.2	99.4	99.8	99.8	99.8	99.8	100.0	100.0
GE 3	59.8	86.9	90.7	93.6	96.7	96.8	98.0	99.1	99.2	99.4	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 946

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS: 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	48.3	54.6	55.0	55.1	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	50.9	58.5	58.9	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 18000	50.9	58.9	59.2	59.7	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 16000	50.9	58.9	59.2	59.7	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 14000	51.1	59.0	59.3	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 12000	51.8	59.7	60.0	60.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 10000	53.3	61.7	62.1	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 9000	53.5	61.9	62.3	62.6	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 8000	54.4	62.8	63.1	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 7000	54.5	63.0	63.4	63.8	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 6000	54.7	63.5	63.8	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 5000	55.3	65.1	65.5	66.0	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 4500	56.4	67.1	67.5	68.0	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 4000	56.9	68.1	68.4	68.9	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 3500	57.9	69.9	70.2	70.7	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 3000	59.6	72.3	72.7	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
GE 2500	60.3	74.6	75.1	75.5	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 2000	61.1	76.8	77.5	77.9	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 1800	61.7	79.3	79.8	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 1500	63.2	83.9	84.5	85.1	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 1200	63.6	85.5	86.2	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 1000	63.9	86.4	87.4	88.1	88.9	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 900	63.9	86.8	88.1	88.9	89.7	89.8	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 800	63.9	87.2	88.0	89.7	90.8	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 700	64.1	87.7	89.0	91.4	93.0	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 600	64.1	88.1	90.4	92.4	94.6	95.0	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 500	64.1	88.1	90.7	93.0	95.5	96.2	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 400	64.1	88.2	90.9	93.3	95.9	96.7	97.9	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 300	64.1	88.2	90.9	93.3	96.0	96.9	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 200	64.1	88.2	90.9	93.3	96.3	97.0	98.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 100	64.1	88.2	90.9	93.3	96.0	97.0	98.0	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	100.0
GE 0	64.1	88.2	90.9	93.3	96.0	97.0	98.0	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS: 1511: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.7	49.3	50.2	50.7	50.9	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 20000	42.2	56.9	55.9	56.4	56.7	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0
GE 18000	42.3	55.1	56.1	56.6	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2
GE 16000	42.3	55.2	56.1	56.7	57.0	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3
GE 14000	42.4	55.4	56.3	56.9	57.2	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5
GE 12000	42.8	56.2	57.2	57.7	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3
GE 10000	43.7	57.6	58.9	59.4	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0
GE 9000	43.6	58.0	59.0	59.6	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2
GE 8000	44.7	59.8	60.6	61.2	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8
GE 7000	44.8	59.8	60.8	61.4	61.8	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1
GE 6000	45.2	60.5	61.8	62.1	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8
GE 5000	45.8	61.9	63.0	63.6	64.0	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3
GE 4500	46.4	63.2	64.2	64.9	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6
GE 4000	46.9	64.2	65.2	65.9	66.3	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6
GE 3500	47.4	65.2	66.3	66.9	67.4	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7
GE 3000	48.7	67.8	68.9	69.6	70.1	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4
GE 2500	49.6	70.5	71.8	72.7	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5
GE 2000	50.4	73.3	74.9	75.8	76.4	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8
GE 1800	50.8	74.4	76.1	77.0	77.7	77.7	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1
GE 1600	51.9	78.0	80.0	81.2	82.1	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5
GE 1200	52.4	80.1	82.6	84.2	85.1	85.3	85.4	85.4	85.5	85.5	85.5	85.6	85.6	85.7	85.7	85.7
GE 1000	52.8	81.5	84.4	86.3	87.5	87.6	87.8	87.9	87.9	88.0	88.1	88.1	88.1	88.2	88.2	88.2
GE 900	52.9	81.8	85.1	87.3	88.7	88.9	89.1	89.3	89.3	89.4	89.4	89.4	89.5	89.5	89.6	89.6
GE 800	53.0	82.2	85.7	88.4	90.2	90.4	90.9	91.0	91.2	91.3	91.3	91.3	91.4	91.4	91.5	91.5
GE 700	53.8	82.6	86.4	89.5	91.9	92.2	92.7	93.0	93.1	93.2	93.3	93.3	93.4	93.4	93.5	93.5
GE 600	53.0	82.7	86.7	90.1	92.7	93.1	93.8	94.2	94.4	94.5	94.6	94.6	94.7	94.7	94.8	94.8
GE 500	53.0	82.8	86.9	90.5	93.5	94.0	95.1	95.6	95.8	96.0	96.1	96.1	96.2	96.3	96.3	96.3
GE 400	53.1	82.9	87.1	90.7	94.0	94.8	96.0	96.7	97.1	97.6	97.7	97.8	97.9	97.9	98.0	98.0
GE 300	53.1	82.9	87.1	90.8	94.1	94.9	96.3	97.0	97.5	98.2	98.4	98.5	98.6	98.7	98.8	98.8
GE 200	53.1	82.9	87.1	90.8	94.2	95.0	96.4	97.1	97.7	98.5	98.8	98.8	99.1	99.2	99.4	99.5
GE 100	53.1	82.9	87.1	90.8	94.2	95.0	96.4	97.1	97.7	98.5	98.9	98.9	99.2	99.4	99.7	99.9
GE 01	53.1	82.9	87.1	90.8	94.2	95.0	96.4	97.1	97.7	98.5	98.9	98.9	99.2	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722995 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 76-87
MONTH: MAR HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	59.6	60.6	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 20000	60.3	60.0	60.2	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 18000	60.5	60.2	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
GE 16000	60.5	60.2	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
GE 14000	60.6	60.3	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 12000	61.9	60.7	60.9	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 10000	63.0	72.4	72.7	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 9000	63.9	72.5	72.8	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	64.0	73.2	73.5	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 7000	64.5	73.8	74.1	74.4	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 6000	65.1	74.4	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
GE 5000	66.7	78.1	78.5	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 4500	67.1	80.0	80.4	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	67.3	81.2	81.6	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 3500	68.0	82.5	83.0	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 3000	69.0	84.5	85.2	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 2500	69.8	86.5	87.1	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 2000	70.4	88.0	88.8	89.7	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 1800	70.5	88.5	89.5	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1500	71.2	91.0	92.3	93.2	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 1200	71.7	92.4	94.2	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
GE 1000	72.2	93.9	95.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 900	72.6	94.7	96.6	97.5	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 800	72.6	95.4	97.3	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 700	72.6	95.6	97.5	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	72.6	95.6	97.5	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	72.6	95.6	97.5	98.7	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 400	72.6	95.6	97.5	98.7	99.1	99.1	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	72.6	95.6	97.5	98.7	99.1	99.1	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	72.6	95.6	97.5	98.7	99.1	99.1	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	72.6	95.6	97.5	98.7	99.1	99.1	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	72.6	95.6	97.5	98.7	99.1	99.1	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	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	1	46.2	54.1	54.6	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6		
GE 20000	50.6	59.2	59.8	60.3	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0		
GE 18000	51.1	59.7	60.2	60.8	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4		
GE 16000	51.1	59.7	60.2	60.8	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	51.5	60.1	60.6	61.2	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 12000	51.8	60.8	61.3	61.8	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5		
GE 10000	53.3	63.4	64.1	64.6	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	53.4	63.5	64.2	64.7	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	54.3	64.8	65.7	66.2	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 7000	55.3	65.9	66.8	67.3	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 6000	55.4	66.5	67.3	67.8	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5		
GE 5000	56.8	69.0	69.9	70.9	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 4500	58.0	70.5	71.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3		
GE 4000	58.6	71.7	73.0	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		
GE 3500	59.1	73.1	74.4	75.5	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 3000	59.9	74.8	76.3	77.5	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 2500	60.5	77.2	79.0	80.2	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 2000	61.8	79.7	81.5	82.8	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 1800	62.6	80.8	82.6	83.9	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 1500	63.8	84.0	86.8	88.1	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 1200	64.3	85.7	89.0	90.3	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	64.3	87.4	91.2	92.6	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9		
GE 900	64.5	87.8	91.7	93.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4		
GE 800	64.5	88.6	92.8	94.2	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8		
GE 700	64.6	88.7	93.2	95.1	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7		
GE 600	64.6	88.7	93.4	95.4	97.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4		
GE 500	64.6	88.8	93.5	96.4	97.8	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3		
GE 400	64.7	89.0	93.8	96.8	98.4	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2		
GE 300	64.7	89.0	93.8	96.8	98.4	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2		
GE 200	64.7	89.0	94.0	96.2	98.6	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6		
GE 100	64.7	89.0	94.0	96.2	98.6	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6		
GE 0	64.7	89.0	94.0	96.2	98.6	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0		

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS/IST: 0600-0600

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	34.2	47.8	49.9	50.4	51.0	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 20000	37.4	53.4	55.7	56.5	57.1	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 18000	37.7	53.8	56.0	56.8	57.4	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 16000	37.7	53.9	56.2	57.0	57.6	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 14000	38.0	54.2	56.6	57.3	58.0	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 12000	38.4	55.5	58.0	58.7	59.4	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 10000	40.0	58.0	60.4	61.2	61.8	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 9000	40.1	58.1	60.5	61.3	61.9	61.9	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 8000	41.0	60.1	62.6	63.3	64.0	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 7000	41.6	61.4	63.9	64.7	65.4	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 6000	42.4	62.5	64.9	65.9	66.6	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 5000	43.5	64.4	66.9	67.8	68.5	68.6	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 4500	43.8	65.5	68.2	69.1	69.8	70.0	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 4000	44.0	66.1	68.9	69.9	70.5	70.8	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 3500	44.5	67.3	70.1	71.2	72.3	72.5	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 3000	44.9	67.8	71.1	72.2	73.2	73.4	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 2500	45.8	70.5	73.9	75.2	76.3	76.6	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 2000	47.1	73.7	77.1	78.4	79.6	79.8	80.0	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 1800	47.3	74.4	78.3	79.6	80.8	81.0	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 1500	48.3	78.5	82.3	83.9	85.8	86.1	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1200	48.6	81.1	85.2	86.8	88.7	89.0	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1000	48.7	82.4	87.1	89.5	91.8	92.4	92.8	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 900	48.7	82.5	87.4	89.8	92.2	92.7	93.1	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 800	48.7	82.6	87.6	90.2	92.7	93.3	93.8	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 700	48.8	82.7	88.2	91.0	93.7	94.3	94.7	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 600	48.8	82.7	88.3	91.2	94.0	94.6	95.3	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 500	48.8	82.8	88.4	91.4	94.7	95.5	96.7	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 400	48.8	83.0	88.6	91.7	95.2	96.0	97.6	98.1	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	48.8	83.0	88.6	91.7	95.3	96.1	97.7	98.4	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	48.8	83.0	88.6	91.7	95.3	96.1	97.7	98.4	98.6	99.1	99.0	99.0	99.0	99.0	99.0	99.0
GE 100	48.8	83.0	88.6	91.7	95.3	96.1	97.8	98.6	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 71	48.8	83.0	88.6	91.7	95.3	96.1	97.8	98.6	98.8	99.5	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 450

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722995 STATION NAME: CARSMELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.9	50.1	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 20000	36.8	57.5	58.6	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 18000	36.7	58.4	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
GE 16000	36.7	58.4	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
GE 14000	36.8	58.6	59.7	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 12000	37.4	60.1	61.3	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 10000	38.7	62.6	63.9	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 9200	38.8	63.2	64.5	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
GE 8000	39.5	65.4	66.9	67.5	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 7000	40.8	66.3	67.8	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 6000	40.3	67.8	68.5	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 5700	41.1	68.7	70.2	71.1	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 4500	41.1	69.0	70.5	71.4	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 4000	41.7	70.3	71.9	72.9	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 3500	41.9	71.0	72.6	73.5	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 3000	42.9	72.7	74.5	75.8	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 2500	43.3	74.7	76.6	77.8	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 2200	44.2	79.0	81.1	82.6	83.2	83.4	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1800	44.2	79.7	81.7	83.2	83.9	84.2	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 1500	44.7	83.3	85.6	87.3	88.0	88.4	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1200	45.2	85.5	87.8	90.0	90.6	91.2	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1000	45.3	85.9	88.4	91.2	92.0	92.3	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 900	45.3	86.8	88.8	91.8	93.0	93.4	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 800	45.3	86.1	89.2	92.7	94.0	94.5	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 700	45.3	86.1	89.2	92.8	94.4	94.9	95.5	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 600	45.3	86.2	89.4	93.8	94.6	95.3	96.0	96.5	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 530	45.3	86.2	89.5	93.1	95.2	95.9	97.0	97.7	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	45.3	86.2	89.5	93.1	95.2	96.3	97.6	98.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	45.3	86.2	89.5	93.1	95.2	96.1	97.4	98.6	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	45.3	86.2	89.5	93.1	95.2	96.1	97.4	98.6	98.9	99.5	99.7	99.7	99.8	99.8	99.8	99.8
GE 100	45.3	86.2	89.5	93.1	95.2	96.1	97.4	98.6	98.9	99.5	99.7	99.7	99.9	99.9	99.9	100.0
GE 0	45.3	86.2	89.5	93.1	95.2	96.1	97.4	98.6	98.9	99.5	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7
NO CEIL	60.0	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 20000	47.4	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 18000	47.6	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 16000	47.6	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 14000	48.3	64.3	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 12000	49.0	66.0	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 10000	50.0	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	50.9	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 8000	52.5	71.2	71.8	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 7000	52.7	71.7	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 6000	52.8	72.4	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
GE 5000	53.7	74.1	74.8	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 4000	53.9	74.7	75.6	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
GE 3000	54.3	76.6	77.4	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 2000	56.8	78.4	79.2	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 1000	56.2	80.4	81.5	82.0	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 2500	56.9	82.9	84.0	84.5	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 2000	58.1	85.8	87.0	87.6	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1800	58.5	86.8	88.0	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1600	59.1	89.6	91.0	91.8	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1400	59.2	90.6	92.3	93.4	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1200	59.4	91.8	93.7	94.9	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000	59.4	92.0	94.0	95.3	96.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	59.4	92.3	94.5	96.0	97.0	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	59.4	92.4	94.8	96.6	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	59.4	92.4	94.8	96.6	97.7	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	59.4	92.4	94.8	96.6	97.7	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	59.4	92.4	94.8	96.6	97.7	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	59.4	92.4	94.8	96.6	97.7	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	59.4	92.4	94.8	96.6	97.7	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 200	59.4	92.4	94.8	96.6	97.7	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 100	59.4	92.4	94.8	96.6	97.7	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE	59.4	92.4	94.8	96.6	97.7	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1 10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	44.1	51.9	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 20000	52.9	64.1	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 18000	53.0	64.5	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 16000	53.2	64.7	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 14000	53.8	65.3	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 12000	54.7	66.8	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 10000	57.3	71.0	71.3	71.3	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
GE 9000	57.3	71.0	71.3	71.3	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
GE 8000	58.8	73.2	73.5	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 7000	58.9	74.0	74.3	74.4	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 6000	59.0	74.4	74.8	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 5000	60.3	76.6	77.0	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 4500	61.4	78.3	78.8	79.1	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 4000	62.4	79.9	80.5	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 3500	63.1	81.4	82.3	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 3000	64.5	84.2	85.3	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 2500	65.9	87.3	88.4	88.9	89.1	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2000	66.3	88.9	90.4	91.2	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1800	66.3	89.2	90.9	91.6	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
GE 1500	66.7	90.8	92.9	93.9	94.1	94.1	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1200	66.8	92.0	94.3	95.3	95.6	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	66.8	92.5	95.1	96.5	96.9	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 900	66.8	92.6	95.3	96.9	97.4	97.7	97.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	66.9	92.7	95.4	97.2	97.7	98.1	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	66.9	92.7	95.5	97.3	97.8	98.2	98.2	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	66.9	92.7	95.5	97.3	97.8	98.2	98.2	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	66.9	92.7	95.5	97.4	98.0	98.3	98.3	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	66.9	92.7	95.5	97.4	98.0	98.4	98.4	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	66.9	92.7	95.5	97.4	98.0	98.4	98.4	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	66.9	92.7	95.5	97.4	98.0	98.4	98.4	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.9	92.7	95.5	97.4	98.0	98.4	98.4	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	66.9	92.7	95.5	97.4	98.0	98.4	98.4	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 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	44.3	52.5	52.0	53.0	53.2	53.2	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 20000	53.7	63.5	64.0	64.2	64.4	64.4	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 18000	54.0	64.0	64.4	64.6	64.8	64.8	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 16000	54.2	64.2	64.6	64.8	65.1	65.1	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 14000	55.2	65.4	65.8	66.0	66.2	66.2	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 12000	56.5	67.0	67.4	67.6	67.8	67.8	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 10000	58.0	70.2	70.6	70.9	71.1	71.1	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 9000	59.1	70.5	71.0	71.2	71.4	71.4	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 8000	61.0	73.4	73.9	74.1	74.3	74.3	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 7000	61.2	74.2	74.6	74.8	75.2	75.2	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 6000	61.8	75.4	75.8	76.0	76.3	76.3	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 5000	63.0	77.8	78.3	78.7	79.1	79.1	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4500	64.5	80.1	80.5	81.0	81.5	81.5	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 4000	64.9	81.7	82.2	82.6	83.1	83.1	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 3500	65.6	83.3	83.8	84.4	84.9	84.9	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 3000	65.8	84.7	85.2	85.8	86.3	86.3	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 2500	66.6	87.2	87.6	88.3	88.8	88.8	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2000	67.1	88.6	89.2	90.0	90.9	90.9	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1800	67.1	88.6	89.5	90.3	91.2	91.2	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1500	67.2	90.0	91.0	92.0	92.9	93.0	93.5	93.5	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8
GE 1200	67.2	90.8	92.0	93.3	94.2	94.3	94.8	94.8	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1
GE 1000	67.2	91.4	92.9	94.7	95.8	95.9	96.6	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	67.5	91.7	93.3	95.2	96.2	96.3	97.0	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	67.6	91.8	94.0	95.9	97.1	97.2	98.0	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	67.6	91.8	94.0	95.9	97.2	97.3	98.1	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	67.6	91.8	94.1	96.1	97.4	97.5	98.3	98.3	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	67.6	91.9	94.2	96.2	97.6	97.8	98.6	98.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	67.6	92.0	94.3	96.3	97.8	98.1	98.8	98.8	98.9	99.2	99.5	99.8	99.9	99.9	99.9	99.9
GE 300	67.6	92.0	94.3	96.3	97.8	98.1	98.8	98.8	98.9	99.2	99.5	99.9	100.0	100.0	100.0	100.0
GE 200	67.6	92.0	94.3	96.3	97.8	98.1	98.8	98.8	98.9	99.2	99.5	99.9	100.0	100.0	100.0	100.0
GE 100	67.6	92.0	94.3	96.3	97.8	98.1	98.8	98.8	98.9	99.2	99.5	99.9	100.0	100.0	100.0	100.0
GE 01	67.6	92.0	94.3	96.3	97.8	98.1	98.8	98.8	98.9	99.2	99.5	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	54.7	62.8	63.4	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 20000	62.0	71.3	71.9	72.2	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 18000	62.0	71.3	71.9	72.2	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 16000	62.0	71.3	71.9	72.2	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 14000	62.4	71.7	72.4	72.6	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 12000	63.7	73.1	73.8	74.0	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 10000	66.0	75.8	76.5	76.7	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
GE 9000	66.2	76.0	76.7	76.9	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
GE 8000	67.2	77.6	78.3	78.5	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 7000	67.2	77.8	78.5	78.7	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 6000	68.0	78.7	79.4	79.6	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 5000	69.6	81.4	82.2	82.4	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 4500	70.5	83.3	84.1	84.3	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4000	70.9	84.7	85.5	85.7	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3500	71.6	86.1	86.9	87.1	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 3000	71.9	87.7	88.5	88.8	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2500	72.3	89.9	90.6	91.0	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 2000	72.4	90.6	91.4	91.7	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1800	72.4	91.2	91.9	92.3	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1500	73.1	93.4	94.2	94.5	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1200	73.1	93.7	94.6	95.2	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	73.1	94.1	95.1	96.1	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
GE 900	73.1	94.5	95.5	96.7	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	73.2	95.1	96.0	97.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	73.2	95.5	96.5	97.8	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	73.2	95.5	96.6	98.1	98.9	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	73.2	95.6	96.7	98.2	99.0	99.0	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	73.2	95.6	96.7	98.2	99.0	99.0	99.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	73.2	95.6	96.7	98.2	99.0	99.0	99.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	73.2	95.6	96.7	98.2	99.0	99.0	99.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	73.2	95.6	96.7	98.2	99.0	99.0	99.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	73.2	95.6	96.7	98.2	99.0	99.0	99.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87

MONTH: MAR

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
NO CEIL	44.0	53.9	54.5	54.8	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 20000	50.1	62.5	63.2	63.5	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 18000	50.3	62.9	63.6	63.9	64.1	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 16000	50.4	63.0	63.7	64.0	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 14000	50.8	63.5	64.2	64.5	64.7	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 12000	51.7	64.9	65.6	66.0	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 10000	53.6	67.7	68.5	68.8	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 9000	53.7	67.9	68.7	69.0	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 8000	54.8	69.9	70.8	71.2	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 7000	55.2	70.6	71.5	72.0	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 6000	55.6	71.4	72.3	72.8	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 5000	56.8	73.8	74.7	75.3	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4500	57.5	75.2	76.2	76.8	77.2	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 4000	58.1	76.5	77.6	78.3	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3500	58.7	77.9	79.0	79.7	80.2	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 3000	59.4	79.7	80.9	81.7	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2500	60.1	82.0	83.4	84.2	84.7	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 2000	60.9	84.3	85.8	86.7	87.3	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1800	61.1	84.9	86.5	87.5	88.1	88.1	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1500	61.8	87.6	89.5	90.6	91.3	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1200	62.0	89.0	91.2	92.4	93.2	93.3	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7
GE 1000	62.1	89.9	92.4	94.0	95.0	95.2	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
GE 900	62.2	90.2	92.8	94.5	95.5	95.7	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 800	62.3	90.6	93.4	95.2	96.3	96.6	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	62.3	90.7	93.6	95.6	96.9	97.1	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	62.3	90.7	93.7	95.8	97.1	97.3	97.7	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 500	62.3	90.8	93.8	95.9	97.4	97.7	98.2	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	62.3	90.8	93.8	96.0	97.6	97.9	98.7	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	62.3	90.8	93.8	96.0	97.6	98.0	98.7	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	62.3	90.8	93.9	96.0	97.6	98.0	98.7	99.3	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9
GE 100	62.3	90.8	93.9	96.0	97.6	98.0	98.7	99.3	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 71	62.3	90.8	93.9	96.6	97.6	98.0	98.7	99.3	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87

MONTH: APR

HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	56.2	64.8	65.4	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 20000	59.9	70.3	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7
GE 18000	59.9	70.3	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7
GE 16000	59.9	70.3	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7
GE 14000	60.1	70.6	71.3	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9
GE 12000	60.9	71.3	72.1	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7
GE 10000	62.8	73.4	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8
GE 9000	63.0	73.7	74.4	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0
GE 8000	65.1	76.2	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6
GE 7000	66.1	77.6	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9
GE 6000	66.7	78.4	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8
GE 5000	67.7	80.7	81.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0
GE 4500	68.1	81.6	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9
GE 4000	69.1	82.6	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9
GE 3500	69.4	83.4	84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8
GE 3000	71.0	85.3	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7
GE 2500	71.7	87.0	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4
GE 2000	72.9	89.3	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0
GE 1800	73.1	90.1	91.2	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9
GE 1500	73.2	90.8	92.2	92.7	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1
GE 1200	73.3	92.0	93.8	94.4	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9
GE 1000	73.4	92.2	94.3	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6
GE 900	73.7	92.7	94.9	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1
GE 800	73.8	92.9	95.3	96.2	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8
GE 700	73.8	92.9	95.4	96.6	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6
GE 600	73.8	93.3	96.3	97.4	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6
GE 500	73.8	93.3	96.3	97.4	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9
GE 400	73.8	93.3	96.3	97.6	98.7	98.8	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6
GE 300	73.8	93.3	96.3	97.6	98.8	99.0	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 200	73.8	93.3	96.3	97.6	98.8	99.0	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0
GE 100	73.8	93.3	96.3	97.6	98.8	99.0	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0
GE 0	73.8	93.3	96.3	97.6	98.8	99.0	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

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	46.8	57.7	58.6	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 10000	49.3	62.7	63.6	64.1	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 10000	49.4	62.9	63.8	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 16000	49.8	63.3	64.2	64.8	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 14000	49.9	63.4	64.3	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 12000	50.7	64.2	65.1	65.7	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 10000	51.1	65.4	66.3	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 9000	52.0	66.3	67.2	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 8000	53.7	66.9	69.8	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 7000	54.8	70.1	71.2	71.8	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 6000	55.8	71.1	72.2	72.8	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 5000	57.2	74.1	75.2	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 4000	57.4	74.9	76.0	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 3000	58.0	75.9	77.0	77.6	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 2500	58.6	76.9	78.0	78.6	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 2000	59.1	77.8	78.9	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
GE 1500	59.4	79.4	80.9	81.6	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 1000	61.3	82.7	84.2	85.0	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 800	61.4	83.9	85.7	86.4	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 600	63.3	87.0	89.1	90.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 400	63.8	89.4	91.7	92.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 300	67.8	89.7	92.1	93.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 200	69.1	90.3	92.8	93.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 100	69.4	90.9	93.4	94.4	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 50	69.8	91.4	94.1	95.3	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 20	69.8	91.8	94.4	95.7	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 10	69.8	91.9	94.8	96.3	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 5	69.8	92.1	95.0	96.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2	69.8	92.1	95.0	96.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1	69.8	92.1	95.0	96.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 0	69.8	92.1	95.0	96.6	98.7	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: 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LEST): 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
NO CEIL	31.7	49.8	51.1	51.8	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 20000	34.0	54.7	56.7	57.3	57.9	57.9	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 18000	34.1	54.9	56.9	57.6	58.1	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 16000	34.3	55.1	57.1	57.8	58.3	58.3	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 14000	34.4	55.3	57.4	58.1	58.7	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 12000	35.8	57.4	59.8	60.4	61.0	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 10000	37.6	60.1	62.4	63.1	63.8	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 9000	37.9	60.6	62.9	63.6	64.2	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 8000	39.4	64.2	66.6	67.2	67.9	67.9	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 7000	40.1	65.7	68.1	68.8	69.4	69.4	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 6000	40.8	66.6	69.0	69.7	70.3	70.3	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 5000	41.9	68.4	71.0	71.8	72.4	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 4500	42.2	69.6	72.2	73.0	73.8	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 4000	42.4	70.3	73.2	74.1	74.9	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 3500	42.8	71.2	74.1	75.0	75.8	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 3000	43.2	72.6	75.4	76.3	77.1	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 2500	43.8	74.7	77.9	78.8	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 2000	44.1	77.4	81.1	82.1	83.0	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1800	44.4	78.4	82.3	83.4	84.6	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1500	45.2	81.9	86.0	87.4	88.9	89.0	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1200	45.6	83.9	88.2	90.0	91.7	91.8	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1000	45.6	84.8	89.7	91.4	93.6	93.7	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 900	45.6	85.1	90.0	91.9	94.0	94.1	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 800	45.6	85.4	90.4	92.6	94.7	94.8	95.4	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7
GE 700	45.7	85.7	90.9	93.1	95.3	95.4	96.2	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4
GE 600	45.7	85.9	91.2	93.6	95.9	96.0	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2
GE 500	45.7	85.9	91.2	93.7	96.0	96.3	97.6	97.7	97.9	98.0	98.1	98.1	98.1	98.1	98.1
GE 400	45.7	85.9	91.2	93.7	96.2	96.6	98.1	98.4	98.9	99.0	99.1	99.1	99.1	99.1	99.1
GE 300	45.7	85.9	91.3	93.8	96.4	96.8	98.3	98.7	99.1	99.2	99.3	99.3	99.3	99.3	99.3
GE 200	45.7	85.9	91.3	93.8	96.4	96.8	98.3	98.7	99.1	99.3	99.6	99.6	99.7	99.7	99.7
GE 100	45.7	85.9	91.3	93.8	96.4	96.8	98.3	98.7	99.1	99.3	99.6	99.6	99.7	99.7	99.7
GE 0	45.7	85.9	91.3	93.8	96.4	96.8	98.3	98.7	99.1	99.3	99.6	99.6	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

PERIOD OF RECORD: 78-87

MONTH: APR HOURS(IST): 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	36.7	50.0	50.7	50.8	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 20000	40.4	56.6	57.3	57.4	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 18000	41.0	57.1	57.9	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 16000	41.0	57.1	57.9	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 14000	41.2	57.4	58.2	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 12000	42.3	59.2	60.0	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 10000	43.6	61.1	62.0	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 9000	43.8	61.8	62.7	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 8000	46.0	65.7	66.6	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 7000	46.9	67.0	67.9	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 6000	47.6	68.1	69.0	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 5000	48.2	70.1	71.0	71.2	71.2	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 4500	48.8	70.8	71.7	71.9	71.9	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 4000	49.3	72.6	73.6	73.8	73.9	73.9	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 3500	49.7	73.8	74.8	75.1	75.2	75.2	75.2	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 3000	50.0	75.2	76.2	76.7	76.8	76.8	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 2500	50.3	77.1	78.1	78.6	78.7	78.7	78.7	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 2000	51.1	80.8	82.2	82.9	83.0	83.0	83.0	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1800	51.4	82.3	83.9	84.8	84.9	84.9	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1600	51.9	86.9	89.2	90.2	90.6	90.6	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1400	52.0	88.6	91.3	92.8	93.2	93.2	93.2	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1200	52.0	89.4	92.4	94.2	94.8	94.8	94.8	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1000	52.0	89.7	93.0	95.0	95.6	95.7	95.7	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 900	52.0	89.9	93.4	95.7	96.3	96.3	96.4	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	52.0	90.2	93.8	96.0	96.8	96.9	96.9	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	52.0	90.2	94.0	96.2	97.1	97.3	97.3	98.1	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	52.0	90.2	94.0	96.2	97.3	97.7	97.7	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 400	52.0	90.2	94.0	96.2	97.3	97.7	97.7	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 300	52.0	90.2	94.0	96.2	97.3	97.7	97.7	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	52.0	90.2	94.0	96.2	97.3	97.7	97.7	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	52.0	90.2	94.0	96.2	97.3	97.7	97.7	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 0	52.0	90.2	94.0	96.2	97.3	97.7	97.7	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: APR 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	46.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3		
GE 20000	49.7	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 18000	50.3	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1		
GE 16000	50.4	63.1	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		
GE 14000	50.4	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3		
GE 12000	51.4	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7		
GE 10000	52.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0		
GE 9000	52.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0		
GE 8000	55.2	70.3	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		
GE 7000	55.8	71.6	71.7	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	56.8	73.4	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8		
GE 5000	57.6	74.3	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		
GE 4500	57.9	75.1	75.3	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7		
GE 4000	58.4	76.8	77.1	77.3	77.4	77.4	77.4	77.6	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8		
GE 3500	59.8	79.4	79.8	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6		
GE 3000	61.1	84.6	84.9	85.3	85.4	85.4	85.4	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8		
GE 2500	61.6	88.2	88.9	89.3	89.4	89.4	89.4	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8		
GE 2000	62.3	90.6	91.4	91.9	92.0	92.1	92.1	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4		
GE 1800	62.3	91.1	92.0	92.4	92.6	92.7	92.7	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0		
GE 1500	62.8	93.6	94.9	95.3	95.4	95.7	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0		
GE 1200	63.0	94.6	96.6	97.1	97.2	97.6	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0		
GE 1000	63.1	95.0	97.2	97.8	98.0	98.4	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9		
GE 900	63.1	95.0	97.3	97.9	98.1	98.6	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0		
GE 800	63.1	95.0	97.3	97.9	98.1	98.6	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1		
GE 700	63.1	95.0	97.4	98.0	98.3	98.8	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6		
GE 600	63.1	95.0	97.4	98.0	98.3	98.8	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6		
GE 500	63.1	95.0	97.4	98.0	98.3	98.8	99.2	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8		
GE 400	63.1	95.0	97.4	98.0	98.3	98.8	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0		
GE 300	63.1	95.0	97.4	98.0	98.3	98.8	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0		
GE 200	63.1	95.0	97.4	98.0	98.3	98.8	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0		
GE 100	63.1	95.0	97.4	98.0	98.3	98.8	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0		
GE 0	63.1	95.0	97.4	98.0	98.3	98.8	99.2	99.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0		

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: APR 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	49.2	55.7	55.7	55.7	55.7	55.7	56.0	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 20000	56.1	65.0	65.0	65.0	65.0	65.0	65.3	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 18000	56.4	65.3	65.3	65.3	65.3	65.3	65.7	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 16000	56.4	65.3	65.3	65.3	65.3	65.3	65.7	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 14000	57.2	66.6	66.6	66.6	66.6	66.6	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 12000	57.9	67.9	67.9	67.9	67.9	67.9	68.2	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 10000	59.4	69.7	69.7	69.7	69.7	69.8	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 9000	59.4	69.7	69.7	69.7	69.7	69.8	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 8000	61.4	73.4	73.4	73.4	73.7	73.8	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 7000	62.6	75.2	75.2	75.2	75.4	75.6	75.9	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 6000	62.9	76.2	76.2	76.2	76.4	76.6	76.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 5000	65.0	78.9	79.0	79.0	79.2	79.3	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 4500	66.2	80.7	80.8	80.8	81.0	81.1	81.4	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 4000	67.4	83.9	84.0	84.0	84.2	84.3	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 3500	68.2	86.0	86.2	86.2	86.4	86.6	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3000	69.2	88.6	88.8	88.9	89.1	89.2	89.6	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2500	69.7	90.6	90.9	91.1	91.3	91.4	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2000	70.6	93.6	93.9	94.2	94.4	94.6	95.0	95.0	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1800	70.6	94.1	94.4	94.8	95.0	95.1	95.6	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1500	70.8	96.0	96.3	97.0	97.2	97.3	97.8	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	70.9	96.4	96.8	97.4	97.7	97.8	98.3	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	70.9	96.7	97.0	97.7	98.0	98.1	98.7	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	70.9	96.7	97.1	97.8	98.1	98.2	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	70.9	96.8	97.3	98.0	98.3	98.4	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	70.9	96.8	97.4	98.1	98.4	98.6	99.1	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	70.9	96.8	97.4	98.1	98.4	98.6	99.1	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	70.9	96.9	97.6	98.2	98.7	98.8	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	70.9	96.9	97.6	98.2	98.8	99.0	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	70.9	96.9	97.6	98.2	98.8	99.0	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	70.9	96.9	97.6	98.2	98.8	99.0	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	70.9	96.9	97.6	98.2	98.8	99.0	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	70.9	96.9	97.6	98.2	98.8	99.0	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(157): 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	52.3	61.7	62.0	62.3	62.4	62.4	62.4	62.4	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7
GE 20000	58.1	70.7	71.0	71.3	71.4	71.4	71.4	71.4	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7
GE 18000	58.3	71.0	71.3	71.7	71.8	71.8	71.8	71.9	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1
GE 16000	58.3	71.0	71.3	71.7	71.8	71.8	71.8	71.9	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1
GE 14000	58.7	71.9	72.2	72.6	72.7	72.7	72.7	72.8	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0
GE 12000	59.9	73.7	74.0	74.3	74.4	74.4	74.4	74.6	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8
GE 10000	61.0	75.4	75.8	76.1	76.2	76.2	76.2	76.3	76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.6
GE 9000	61.1	75.8	76.2	76.6	76.7	76.7	76.7	76.8	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0
GE 8000	61.9	78.2	78.7	79.0	79.1	79.1	79.1	79.2	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4
GE 7000	62.7	79.4	79.9	80.2	80.3	80.3	80.3	80.4	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.7
GE 6000	63.4	80.3	80.8	81.1	81.2	81.2	81.2	81.3	81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6
GE 5000	64.7	82.2	82.7	83.0	83.1	83.1	83.1	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4
GE 4500	65.4	83.6	84.0	84.3	84.4	84.6	84.6	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
GE 4000	66.0	85.3	85.9	86.3	86.6	86.7	86.7	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0
GE 3500	66.8	87.1	87.8	88.2	88.6	88.7	88.8	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1
GE 3000	67.7	89.1	89.8	90.6	90.9	91.0	91.1	91.2	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4
GE 2500	68.0	91.0	91.8	92.6	92.9	93.0	93.1	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 2000	68.6	92.2	93.0	94.0	94.3	94.4	94.6	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 1800	68.7	92.7	93.4	94.4	94.8	94.9	95.1	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4
GE 1500	68.8	93.7	94.7	95.9	96.2	96.3	96.6	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 1200	68.8	94.2	95.4	96.8	97.1	97.2	97.4	97.7	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.0
GE 1000	68.8	94.6	95.8	97.1	97.4	97.6	97.8	98.0	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3
GE 900	68.8	94.6	96.0	97.3	97.7	97.8	98.0	98.2	98.2	98.3	98.4	98.4	98.6	98.6	98.6	98.6
GE 800	68.8	94.9	96.4	97.8	98.1	98.4	98.7	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3
GE 700	68.9	95.0	96.6	97.9	98.2	98.6	98.9	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 600	68.9	95.0	96.6	97.9	98.2	98.6	98.9	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 500	68.9	95.0	96.6	97.9	98.3	98.7	99.0	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	68.9	95.0	96.7	98.0	98.4	98.8	99.1	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	68.9	95.0	96.7	98.0	98.4	98.8	99.1	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	68.9	95.0	96.7	98.0	98.4	98.8	99.1	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	68.9	95.0	96.7	98.0	98.4	98.8	99.1	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	68.9	95.0	96.7	98.0	98.4	98.8	99.1	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

PERIOD OF RECORD: 76-87
MONTH: APR HOURS: 1500-2100

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	56.6	68.0	68.0	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 20000	60.6	73.7	74.0	74.2	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	60.7	74.2	74.6	74.8	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	60.7	74.2	74.6	74.8	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 14000	60.7	74.3	74.7	74.9	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 12000	61.1	75.1	75.4	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 10000	62.6	77.0	77.3	77.6	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 9000	62.6	77.0	77.3	77.6	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 8000	63.7	79.0	79.3	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
GE 7000	65.0	80.8	81.1	81.3	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	66.4	82.6	82.9	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	67.4	84.6	84.9	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 4500	67.4	85.0	85.4	85.7	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 4000	67.9	86.3	86.8	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
GE 3500	68.6	87.4	87.9	88.1	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 3000	69.6	89.0	89.4	89.8	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 2500	69.8	90.3	90.9	91.2	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 2000	70.2	91.0	91.7	92.0	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 1800	70.3	91.3	92.0	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
GE 1500	71.1	93.0	93.7	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1200	71.3	94.7	95.4	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 1000	71.3	95.1	96.1	96.6	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 900	71.3	95.4	96.4	96.9	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 800	71.3	95.6	96.6	97.2	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 700	71.3	95.7	96.7	97.4	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 600	71.3	95.8	96.9	97.7	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 500	71.3	95.9	97.1	98.0	98.8	98.9	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	71.3	96.0	97.2	98.2	99.0	99.1	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	71.3	96.0	97.2	98.2	99.0	99.1	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	71.3	96.0	97.2	98.2	99.0	99.1	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	71.3	96.0	97.2	98.2	99.0	99.1	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 01	71.3	96.0	97.2	98.2	99.0	99.1	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87

MONTH: APR HOURS(IST): 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 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16
	1	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16
NO CEIL	47.0	57.7	58.2	58.5	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8
GE 20000	51.0	64.5	65.1	65.4	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 18000	51.3	64.8	65.5	65.8	65.9	65.9	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 16000	51.4	64.9	65.6	65.9	66.0	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 14000	51.6	65.3	66.0	66.3	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 12000	52.5	66.7	67.4	67.7	67.8	67.8	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 10000	53.9	68.6	69.3	69.6	69.8	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 9000	54.1	69.0	69.7	70.0	70.1	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 8000	55.8	72.0	72.7	73.0	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 7000	56.7	73.4	74.2	74.5	74.7	74.7	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
GE 6000	57.5	74.6	75.4	75.7	75.9	75.9	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1
GE 5000	58.7	76.7	77.5	77.8	78.0	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 4500	59.2	77.6	78.5	78.8	79.0	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3
GE 4000	59.8	79.2	80.1	80.5	80.7	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 3500	60.5	80.7	81.6	82.0	82.3	82.3	82.4	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6
GE 3000	61.4	82.8	83.7	84.2	84.5	84.5	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
GE 2500	61.8	84.8	85.9	86.4	86.7	86.7	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 2000	62.6	87.2	88.5	89.1	89.4	89.5	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1800	62.8	88.0	89.4	90.0	90.4	90.5	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1500	63.4	90.3	92.0	92.8	93.3	93.4	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1200	63.6	91.7	93.7	94.6	95.2	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1000	63.6	92.2	94.3	95.4	96.0	96.2	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 900	63.7	92.4	94.7	95.8	96.5	96.6	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	63.7	92.7	95.0	96.2	97.0	97.1	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	63.8	92.8	95.3	96.6	97.4	97.6	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	63.8	93.0	95.5	96.8	97.8	97.9	98.4	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	63.8	93.0	95.6	97.0	98.0	98.3	98.8	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	63.8	93.1	95.7	97.1	98.2	98.5	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	63.8	93.1	95.7	97.1	98.2	98.5	99.2	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	63.8	93.1	95.7	97.1	98.2	98.5	99.2	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	63.8	93.1	95.7	97.1	98.2	98.5	99.2	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 0	63.8	93.1	95.7	97.1	98.2	98.5	99.2	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

PERIOD OF RECORD: 78-87

MONTH: MAY

HOURS(IST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES														
IN	FEET	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
NO CEIL	1	47.7	58.0	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 20000	52.7	66.5	67.3	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 18000	52.7	66.5	67.3	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 16000	52.7	66.6	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	67.6
GE 14000	53.0	67.0	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 12000	53.7	68.0	68.8	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 10000	56.1	71.7	72.8	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 9000	56.1	71.7	72.8	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 8000	58.7	76.1	77.3	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 7000	58.7	76.2	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 6000	58.7	76.3	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
GE 5000	59.4	78.2	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
GE 4500	60.3	80.3	81.7	81.9	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 4000	61.3	82.4	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	61.4	82.6	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 3000	62.2	84.8	86.3	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
GE 2500	62.7	86.1	87.6	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
GE 2000	62.8	87.5	89.5	89.7	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 1800	62.9	88.1	90.0	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 1500	63.4	90.5	92.9	93.2	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 1200	64.5	92.6	95.9	96.6	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 1000	64.5	93.2	96.8	97.4	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	64.5	93.8	97.4	98.2	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	64.8	94.5	98.3	99.0	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	64.8	94.5	98.5	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	64.8	94.5	98.5	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	64.8	94.5	98.6	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	64.8	94.5	98.6	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	64.8	94.5	98.6	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	64.8	94.5	98.6	99.5	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	64.8	94.5	98.6	99.5	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	64.8	94.5	98.6	99.5	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: MAY 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	36.7	50.3	51.3	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 20000	39.6	56.6	57.8	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 18000	39.6	56.7	58.0	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
GE 16000	39.6	56.7	58.0	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 14000	39.7	56.9	58.2	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 12000	40.3	57.6	58.9	60.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 10000	43.3	62.5	63.8	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 9000	43.4	62.6	63.9	65.6	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 8000	45.4	66.5	68.0	69.7	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 7000	45.5	67.2	68.7	70.4	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 6000	45.8	67.7	69.2	71.0	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 5000	46.0	69.4	71.0	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
GE 4500	46.2	70.6	72.6	74.5	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 4000	46.8	71.8	73.9	75.8	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 3500	47.2	72.7	75.1	77.0	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3000	47.5	74.7	77.2	79.1	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 2500	48.2	76.7	79.4	81.3	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 2000	48.8	79.0	82.3	84.4	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1800	48.9	80.0	83.4	85.7	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1500	49.7	82.9	87.0	89.7	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1200	50.5	84.9	90.1	93.0	93.7	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1000	51.5	87.2	92.4	95.4	96.0	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 900	52.0	88.4	93.5	96.6	97.2	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	52.2	88.7	93.9	96.9	97.5	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	52.5	89.1	94.4	97.4	98.1	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	52.5	89.2	94.7	97.7	98.4	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	52.5	89.4	94.9	98.2	98.8	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	52.5	89.4	95.1	98.3	98.9	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	52.5	89.4	95.1	98.3	98.9	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	52.5	89.4	95.1	98.3	98.9	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 100	52.5	89.4	95.1	98.3	98.9	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0
GE 0	52.5	89.4	95.1	98.3	98.9	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 76-87
MONTH: MAY 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	GE 0
NO CEIL	21.2	40.8	43.7	44.7	45.8	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 20000	23.9	47.6	50.9	52.5	53.5	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 18000	23.9	47.6	51.0	52.6	53.7	53.8	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 16000	24.0	47.7	51.1	52.7	53.8	53.9	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 14000	24.0	48.3	51.6	53.2	54.3	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 12000	24.8	49.7	53.1	54.8	56.0	56.1	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 10000	25.9	54.1	57.7	59.6	60.9	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 9000	25.9	54.1	57.7	59.6	60.9	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 8000	27.1	57.4	61.4	63.7	64.9	65.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 7000	27.1	58.1	62.0	64.3	65.6	65.7	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 6000	27.1	58.6	62.6	64.9	66.2	66.3	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 5000	27.3	59.5	63.8	66.1	67.4	67.5	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 4500	27.3	60.3	64.8	67.5	68.9	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 4000	27.7	61.8	66.5	69.1	70.5	70.6	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 3500	28.2	62.4	67.1	69.8	71.2	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 3000	28.8	64.2	69.1	71.9	73.4	73.5	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4
GE 2500	29.2	67.1	72.7	75.7	77.2	77.3	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2
GE 2000	29.9	69.9	75.8	79.2	81.0	81.2	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0
GE 1800	30.1	70.8	76.8	80.4	82.2	82.4	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2
GE 1500	30.4	74.4	81.5	86.0	88.0	88.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0
GE 1200	31.4	76.5	84.3	89.2	91.7	92.0	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0
GE 1000	31.5	77.4	85.9	91.3	93.8	94.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
GE 900	31.5	78.1	86.6	92.2	94.6	94.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
GE 800	31.5	78.6	87.3	93.2	95.9	96.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
GE 700	31.5	78.8	87.5	93.9	96.6	97.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 600	31.5	78.9	87.6	94.0	96.8	97.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 500	31.5	79.0	87.7	94.2	97.3	98.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 400	31.5	79.2	88.0	94.4	97.6	98.3	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	31.5	79.2	88.0	94.4	97.6	98.3	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	31.5	79.2	88.0	94.4	97.6	98.3	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 100	31.5	79.2	88.0	94.4	97.6	98.3	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 0	31.5	79.2	88.0	94.4	97.6	98.3	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87

MONTH: MAY HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.8	45.8	46.5	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 20000	30.5	52.0	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 18000	30.5	52.0	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 16000	30.5	52.0	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 14000	31.0	53.0	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 12000	31.3	54.6	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 10000	32.3	58.1	59.0	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 9000	32.4	58.2	59.1	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 8000	34.0	61.3	62.4	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 7000	34.2	61.7	62.8	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 6000	34.3	63.0	64.1	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 5000	34.5	64.5	65.7	66.3	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 4500	34.9	66.0	67.5	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 4000	35.6	68.1	69.9	70.5	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 3500	35.9	68.9	70.8	71.5	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 3000	37.3	73.5	75.6	76.3	76.9	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 2500	38.2	77.0	79.1	80.0	80.5	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2000	38.6	81.5	83.9	84.8	85.5	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1800	38.9	82.9	85.4	86.3	87.0	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1500	39.6	87.2	90.1	91.2	91.9	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1200	40.4	89.6	92.7	94.0	94.7	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1000	40.5	90.4	93.8	95.1	96.1	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 900	40.5	90.8	94.3	95.7	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	40.5	91.0	94.7	96.2	97.4	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	40.5	91.0	94.9	96.6	97.8	98.2	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	40.5	91.0	95.1	96.7	98.1	98.6	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	40.5	91.0	95.1	96.7	98.1	98.6	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	40.5	91.0	95.1	96.8	98.2	98.7	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	40.5	91.0	95.1	96.8	98.2	98.7	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	40.5	91.0	95.1	96.8	98.2	98.7	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	40.5	91.0	95.1	96.8	98.2	98.7	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 0	40.5	91.0	95.1	96.8	98.2	98.7	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS/LS1: 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	34.9	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	
GE 20000	39.2	58.7	58.9	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 18000	39.2	58.7	58.9	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 16000	39.4	58.8	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	
GE 14000	39.9	59.5	59.7	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 12000	40.2	60.5	60.8	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	
GE 10000	42.7	65.3	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	
GE 9000	42.7	65.3	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	
GE 8000	43.7	68.2	68.5	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	
GE 7000	43.8	68.3	68.6	69.1	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 6000	43.9	68.6	68.9	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	
GE 5000	44.4	70.5	71.0	71.6	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 4500	44.7	72.2	72.7	73.3	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	
GE 4000	45.9	76.1	76.9	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	
GE 3500	47.7	78.9	79.8	80.4	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	
GE 3000	49.6	85.5	86.8	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	
GE 2500	50.4	88.0	89.2	90.2	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	
GE 2000	51.2	90.3	92.2	93.1	93.3	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	
GE 1800	51.2	90.9	92.7	93.7	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	
GE 1500	51.6	92.9	95.2	96.2	96.5	96.6	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	
GE 1200	51.6	93.4	95.7	96.8	97.2	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	
GE 1000	51.6	93.8	96.0	97.2	97.6	97.7	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	
GE 900	51.6	93.9	96.1	97.4	97.8	98.0	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	
GE 800	51.6	94.1	96.3	97.6	98.2	98.4	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	
GE 700	51.6	94.2	96.5	97.8	98.4	98.7	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	
GE 600	51.6	94.2	96.5	97.8	98.4	98.7	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	
GE 500	51.6	94.2	96.6	98.1	98.6	98.9	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	
GE 400	51.6	94.3	96.7	98.2	98.7	99.0	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	
GE 300	51.6	94.3	96.7	98.2	98.7	99.0	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	
GE 200	51.6	94.3	96.7	98.2	98.7	99.0	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	
GE 100	51.6	94.3	96.7	98.2	98.7	99.0	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	
GE	51.6	94.3	96.7	98.2	98.7	99.0	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

PERIOD OF RECORD: 78-87

MONTH: MAY HOURS: 1100-1700

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 1/8	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE
NO CEIL	41.9	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 20000	40.6	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	40.7	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 16000	40.7	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	40.9	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 12000	50.1	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 10000	53.2	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 9000	53.3	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 8000	54.5	75.9	75.9	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 7000	54.9	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 6000	55.2	77.3	77.3	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	55.6	78.6	78.7	78.9	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 4500	55.7	80.2	80.4	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4000	57.7	84.4	84.7	84.9	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 3500	58.8	86.7	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
GE 3000	60.4	90.2	91.0	91.3	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 2500	61.2	92.7	93.8	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
GE 2000	61.7	94.6	95.7	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 1800	61.7	94.7	95.8	96.2	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	61.9	95.7	96.8	97.2	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	62.0	96.0	97.1	97.5	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	62.2	96.3	97.6	98.4	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 900	62.2	96.3	97.6	98.4	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 800	62.2	96.3	97.7	98.6	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	62.2	96.5	97.8	98.7	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	62.2	96.6	98.0	98.8	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	62.2	96.6	98.0	98.8	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	62.2	96.6	98.0	98.8	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	62.2	96.6	98.0	98.8	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	62.2	96.6	98.0	98.8	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	62.2	96.6	98.0	98.8	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	DI	62.2	96.6	98.0	98.8	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM MOONLIGHT OBSERVATIONS

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

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 936

AD-A186 820

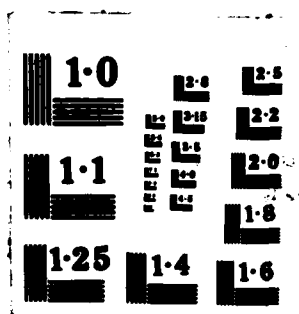
CARSWELL AFB TEXAS REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATION (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. 24 NOV 87
USAFETAC/DS-87/878

3/4

UNCLASSIFIED

F/C 4/2

NL



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	51.1	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 20000	58.6	73.1	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 18000	58.6	73.1	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	58.6	73.1	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 14000	58.6	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	73.4
GE 12000	59.1	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 10000	61.7	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	78.0	78.0
GE 9000	61.7	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	78.0	78.0
GE 8000	64.0	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
GE 7000	64.1	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
GE 6000	64.9	83.3	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 5000	65.8	85.4	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 4500	66.6	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 4000	67.4	88.8	89.2	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 3500	68.0	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 3000	68.7	91.9	92.5	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	68.8	92.7	93.4	93.9	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 2000	69.7	94.3	95.1	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 1800	69.7	94.4	95.2	95.6	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 1500	69.9	95.2	96.0	96.5	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 1200	69.9	96.2	97.2	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1000	69.9	96.8	97.8	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	69.9	97.2	98.3	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	69.9	97.4	98.6	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	69.9	97.5	98.7	99.1	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 600	69.9	97.5	98.7	99.1	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 500	69.9	97.5	98.8	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	69.9	97.5	99.0	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	69.9	97.5	99.0	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	69.9	97.5	99.0	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	69.9	97.5	99.0	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 01	69.9	97.5	99.0	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: MAY 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	38.6	52.8	53.5	53.9	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 20000	43.4	61.4	62.3	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 18000	43.4	61.5	62.4	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 16000	43.5	61.6	62.4	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 14000	43.7	62.0	62.8	63.3	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 12000	44.4	63.2	64.0	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 10000	46.6	67.4	68.3	68.9	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 9000	46.6	67.4	68.4	69.0	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 8000	48.3	71.0	72.1	72.8	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 7000	48.5	71.6	72.6	73.3	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 6000	48.8	72.2	73.3	74.0	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 5600	49.2	73.8	74.9	75.6	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 4500	49.6	75.2	76.5	77.3	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 4000	50.5	77.7	79.1	79.9	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
GE 3500	51.2	79.0	80.5	81.4	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 3000	52.2	82.1	83.8	84.7	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4
GE 2500	52.7	84.2	86.1	87.2	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
GE 2000	53.2	86.5	88.6	89.8	90.3	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1800	53.3	87.0	89.3	90.5	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1500	53.8	89.3	91.9	93.3	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
GE 1200	54.3	90.7	93.7	95.3	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4
GE 1000	54.4	91.4	94.7	96.4	97.2	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	54.5	91.9	95.2	96.9	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 800	54.6	92.2	95.6	97.4	98.2	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
GE 700	54.6	92.3	95.8	97.7	98.5	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 600	54.6	92.4	95.9	97.8	98.7	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	54.6	92.4	96.0	97.9	98.8	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
GE 400	54.6	92.4	96.0	98.0	99.0	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 300	54.6	92.4	96.0	98.0	99.0	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	54.6	92.4	96.0	98.0	99.0	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	54.6	92.4	96.0	98.0	99.0	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 0	54.6	92.4	96.0	98.0	99.0	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	62.8	71.9	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 20000	68.9	80.4	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 18000	69.0	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 16000	69.0	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 14000	69.2	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	81.3
GE 12000	69.9	81.7	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	82.1
GE 10000	72.2	85.6	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 9000	72.2	85.6	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 8000	73.4	87.4	87.9	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	74.1	88.1	88.6	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	74.6	88.9	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 5000	75.2	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 4500	75.7	92.0	92.4	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 4000	76.7	93.7	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 3500	76.7	93.8	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 3000	77.0	94.2	94.7	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
GE 2500	77.4	94.9	95.3	95.6	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 2000	78.1	96.4	96.9	97.1	97.2	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 1800	78.1	96.7	97.1	97.3	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
GE 1500	78.4	97.4	97.9	98.2	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
GE 1200	78.4	97.9	98.3	98.7	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
GE 1000	78.4	98.1	98.6	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	78.4	98.2	98.8	99.1	99.3	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 800	78.4	98.3	98.9	99.2	99.4	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	78.4	98.4	99.0	99.6	99.8	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 600	78.4	98.4	99.0	99.6	99.8	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 500	78.4	98.4	99.0	99.6	99.9	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	78.4	98.4	99.0	99.6	99.9	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	78.4	98.4	99.0	99.6	99.9	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	78.4	98.4	99.0	99.6	99.9	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	78.4	98.4	99.0	99.6	99.9	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	78.4	98.4	99.0	99.6	99.9	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: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: JUN 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	46.8	61.4	62.8	62.9	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 20000	53.1	70.3	71.8	71.9	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 18000	53.1	70.4	71.9	72.0	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 16000	53.1	70.4	71.9	72.0	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 14000	53.3	70.7	72.1	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		
GE 12000	54.7	72.2	73.7	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1		
GE 10000	57.3	76.6	78.2	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7		
GE 9000	57.7	76.9	78.6	78.7	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 8000	57.9	78.1	80.0	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		
GE 7000	58.6	78.9	80.8	80.9	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 6000	59.0	80.0	81.9	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		
GE 5000	59.6	81.7	83.8	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		
GE 4500	60.1	83.1	85.2	85.4	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0		
GE 4000	60.6	84.1	86.4	86.7	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2		
GE 3500	60.9	84.6	86.9	87.1	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7		
GE 3000	61.1	85.6	87.9	88.1	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8		
GE 2500	61.9	87.8	90.1	90.4	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3		
GE 2000	62.0	88.8	91.2	91.7	92.3	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7		
GE 1800	62.1	89.3	91.8	92.2	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2		
GE 1500	63.1	91.4	94.6	95.0	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0		
GE 1200	63.1	91.6	94.8	95.2	95.9	96.0	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3		
GE 1000	63.1	92.0	95.2	95.7	96.3	96.4	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8		
GE 900	63.1	92.4	95.8	96.3	97.0	97.1	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4		
GE 800	63.1	92.9	96.2	96.9	97.7	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1		
GE 700	63.1	93.1	96.9	97.6	98.3	98.4	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8		
GE 600	63.1	93.1	97.0	97.8	98.6	98.7	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1		
GE 500	63.1	93.2	97.2	98.0	98.8	98.9	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3		
GE 400	63.1	93.2	97.2	98.2	99.0	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8		
GE 300	63.1	93.2	97.2	98.2	99.0	99.2	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9		
GE 200	63.1	93.2	97.2	98.2	99.0	99.2	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0		
GE 100	63.1	93.2	97.2	98.2	99.0	99.2	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0		
GE 01	63.1	93.2	97.2	98.2	99.0	99.2	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0		

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	25.6	53.0	55.6	55.9	56.3	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 20000	28.9	61.4	64.2	64.8	65.3	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 18000	28.9	61.8	64.6	65.1	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 16000	28.9	61.8	64.6	65.1	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 14000	29.0	62.0	64.8	65.3	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 12000	29.2	62.8	65.6	66.1	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 10000	31.6	68.6	71.6	72.2	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 9000	31.9	69.0	72.0	72.7	73.3	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 8000	33.0	72.2	75.2	75.9	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 7000	33.8	73.2	76.2	76.9	77.6	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 6000	34.2	73.9	76.9	77.6	78.2	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 5000	34.9	75.6	78.8	79.4	80.1	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 4500	35.1	76.0	79.3	80.1	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 4000	35.4	76.8	80.1	81.0	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 3500	35.4	76.9	80.2	81.1	81.8	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 3000	36.1	78.4	82.0	82.9	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 2500	36.6	79.9	83.4	84.4	85.4	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2000	37.0	82.4	86.1	87.4	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1800	37.2	83.6	87.2	88.6	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1500	37.8	86.0	90.4	92.1	93.3	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1200	37.9	86.8	91.6	93.2	94.6	94.8	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1000	37.9	87.9	92.9	94.6	96.0	96.2	96.3	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 900	37.9	88.1	93.4	95.1	96.6	96.8	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	37.9	88.3	93.9	95.7	97.2	97.4	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 700	37.9	88.4	94.0	96.0	97.6	97.8	97.9	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	37.9	88.4	94.0	96.1	97.8	98.0	98.1	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	37.9	88.4	94.1	96.6	98.4	98.8	98.9	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	37.9	88.4	94.1	96.6	98.4	98.8	98.9	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	37.9	88.4	94.1	96.6	98.4	98.8	98.9	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	37.9	88.4	94.1	96.6	98.4	98.8	98.9	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	37.9	88.4	94.1	96.6	98.4	98.8	98.9	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	37.9	88.4	94.1	96.6	98.4	98.8	98.9	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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	36.2	57.1	57.6	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 20000	40.0	66.0	66.6	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 18000	40.1	66.1	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 16000	40.1	66.1	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 14000	40.2	66.8	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
GE 12000	40.9	68.2	68.8	69.2	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	43.1	72.8	73.4	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 9000	43.1	72.9	73.6	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 8000	44.2	75.4	76.1	76.7	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 7000	44.4	76.1	76.8	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
GE 6000	44.7	76.6	77.2	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
GE 5000	44.9	77.9	78.6	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 4500	45.0	78.2	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 4000	45.0	79.3	80.0	80.6	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 3500	45.1	80.1	80.9	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
GE 3000	46.7	84.1	84.9	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2500	47.0	87.7	88.4	89.0	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	47.7	91.0	92.0	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
GE 1800	47.7	91.6	92.7	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
GE 1500	48.2	93.8	95.0	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1200	48.2	94.7	96.0	96.6	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	48.3	95.4	96.9	97.6	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	48.3	95.8	97.2	97.9	98.4	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	48.3	95.9	97.4	98.2	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	48.3	95.9	97.6	98.3	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	48.3	95.9	97.8	98.7	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	48.3	96.0	97.9	98.9	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	48.3	96.0	97.9	98.9	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	48.3	96.0	97.9	98.9	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	48.3	96.0	97.9	98.9	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	48.3	96.0	97.9	98.9	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	48.3	96.0	97.9	98.9	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	50.4	62.3	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 20000	55.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 18000	56.3	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 16000	56.3	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 14000	56.4	73.1	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 12000	57.4	74.3	74.4	74.4	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 10000	59.3	78.3	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	59.3	78.4	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 8000	60.1	81.0	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 7000	60.3	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	81.4
GE 6000	60.6	81.9	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 5000	60.8	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 4500	61.2	84.0	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 4000	62.4	86.1	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3500	63.3	88.7	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	88.9
GE 3000	65.0	92.8	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2500	65.4	96.2	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	96.8
GE 2000	65.6	97.4	97.9	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
GE 1800	65.7	97.7	98.1	98.2	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	65.9	98.2	98.7	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	66.1	98.6	99.0	99.1	99.2	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	66.1	98.7	99.1	99.2	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	66.1	98.8	99.2	99.3	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	66.1	98.8	99.2	99.3	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	66.1	98.8	99.2	99.3	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	66.1	98.8	99.2	99.3	99.4	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	66.1	98.8	99.2	99.3	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	66.1	98.8	99.2	99.3	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	66.1	98.8	99.2	99.3	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	66.1	98.8	99.2	99.3	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.1	98.8	99.2	99.3	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	66.1	98.8	99.2	99.3	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: JUN 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	57.7	66.3	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 20000	67.6	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 18000	68.0	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 16000	68.1	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
GE 14000	68.7	80.7	80.9	80.9	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 12000	70.0	82.2	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 10000	72.4	86.7	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 9000	72.4	86.9	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 8000	73.1	89.2	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 7000	73.2	89.4	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	89.8
GE 6000	73.4	89.9	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 5000	73.9	92.0	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	92.3
GE 4500	74.2	92.9	93.1	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 4000	74.8	94.3	94.6	94.6	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3500	75.6	95.8	96.0	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 3000	76.1	97.1	97.3	97.3	97.6	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2500	76.2	97.7	97.9	98.0	98.2	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	76.7	98.3	98.6	98.7	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	76.7	98.4	98.7	98.8	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	76.7	98.7	98.9	99.0	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	76.7	98.7	98.9	99.0	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	76.7	98.7	99.0	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	76.7	98.7	99.0	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	76.7	98.7	99.0	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	76.7	98.7	99.0	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	76.7	98.7	99.0	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	76.7	98.7	99.0	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	76.7	98.7	99.0	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	76.7	98.7	99.0	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	76.7	98.7	99.0	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	76.7	98.7	99.0	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	76.7	98.7	99.0	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: JUN 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	63.1	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	71.1	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	83.9
GE 18000	71.1	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 16000	71.1	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 14000	71.3	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 12000	72.2	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 10000	74.1	89.3	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 9700	74.2	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
GE 8000	75.3	92.3	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 7000	75.7	92.9	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 6000	75.9	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 5000	76.2	95.4	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 4500	76.4	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 4000	77.0	97.0	97.4	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
GE 3500	77.3	97.7	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
GE 3000	77.7	98.4	98.9	98.9	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 2500	77.7	98.4	98.9	98.9	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 2000	77.7	98.6	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	77.7	98.7	99.1	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
GE 1500	77.7	99.0	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	77.7	99.1	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	77.7	99.1	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	77.7	99.1	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	77.7	99.1	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	77.7	99.1	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	77.7	99.1	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	77.7	99.1	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	77.7	99.1	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	77.7	99.1	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	77.7	99.1	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	77.7	99.1	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	77.7	99.1	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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	67.7	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 20000	73.2	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	84.2
GE 18000	73.4	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	84.4
GE 16000	73.4	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	84.4
GE 14000	73.6	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 12000	75.0	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	76.9	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 9000	76.9	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 8000	78.0	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 7000	78.4	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 6000	78.6	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 5000	79.6	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	94.1
GE 4500	80.0	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 4000	80.9	96.0	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 3500	81.1	96.7	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	81.4	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	98.3	98.3
GE 2500	81.4	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 2000	81.7	99.0	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 1800	81.7	99.0	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 1500	81.8	99.2	99.8	99.9	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 1200	81.8	99.2	99.8	99.9	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 1000	81.8	99.2	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	100.0
GE 900	81.8	99.2	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	100.0
GE 800	81.8	99.2	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	100.0
GE 700	81.8	99.2	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	100.0
GE 600	81.8	99.2	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	100.0
GE 500	81.8	99.2	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	100.0
GE 400	81.8	99.2	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	100.0
GE 300	81.8	99.2	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	100.0
GE 200	81.8	99.2	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	100.0
GE 100	81.8	99.2	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	100.0
GE 0	81.8	99.2	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	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: JUN HOURS(LST): 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
NO CEIL	51.3	65.1	65.7	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 20000	57.3	74.6	75.3	75.5	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 18000	57.5	74.9	75.6	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
GE 16000	57.5	74.9	75.6	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
GE 14000	57.7	75.4	76.1	76.2	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	58.7	76.7	77.4	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
GE 10000	60.9	80.9	81.7	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 9000	61.0	81.1	81.8	82.0	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 8000	61.9	83.4	84.2	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 7000	62.3	84.0	84.8	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 6000	62.6	84.6	85.4	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 5000	63.1	86.3	87.1	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 4500	63.5	87.2	88.1	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
GE 4000	64.1	88.4	89.4	89.6	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 3500	64.4	89.3	90.2	90.5	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 3000	65.1	91.1	92.1	92.4	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2500	65.5	92.6	93.7	94.0	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2000	65.8	94.0	95.1	95.5	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1800	65.8	94.4	95.5	95.8	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1500	66.2	95.5	96.8	97.3	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	66.2	95.8	97.2	97.7	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	66.3	96.1	97.6	98.1	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	66.3	96.3	97.8	98.3	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
GE 800	66.3	96.4	98.0	98.5	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	66.3	96.5	98.1	98.7	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	66.3	96.5	98.2	98.8	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	66.3	96.5	98.2	98.9	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	66.3	96.5	98.2	98.9	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	66.3	96.5	98.2	98.9	99.5	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	66.3	96.5	98.2	98.9	99.5	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.3	96.5	98.2	98.9	99.5	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 01	66.3	96.5	98.2	98.9	99.5	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: JUL HOURS(1ST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	72.6	84.2	84.7	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 20000	76.6	88.9	89.8	89.9	90.3	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 18000	76.6	88.9	89.8	89.9	90.3	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 16000	76.6	88.9	89.8	89.9	90.3	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 14000	76.6	89.0	89.9	90.0	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 12000	78.3	90.8	91.6	91.7	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 10000	81.2	93.8	94.7	94.8	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 9000	81.4	94.0	94.9	95.1	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 8000	82.5	95.7	96.7	96.8	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 7000	82.6	95.8	96.8	96.9	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 6000	82.7	95.9	96.9	97.0	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 5000	82.9	96.3	97.3	97.5	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 4500	82.9	96.3	97.3	97.5	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 4000	83.1	97.0	98.1	98.3	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	83.1	97.0	98.1	98.3	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 3000	83.1	97.2	98.3	98.5	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 2500	83.1	97.2	98.3	98.5	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
GE 2000	83.2	97.4	98.5	98.7	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 1800	83.2	97.4	98.5	98.7	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 1500	83.2	97.4	98.5	98.7	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 1200	83.2	97.4	98.5	98.7	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 1000	83.3	97.5	98.6	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	83.3	97.5	98.7	98.9	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
GE 800	83.3	97.5	98.9	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	83.3	97.5	98.9	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	83.3	97.5	98.9	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	83.3	97.5	98.9	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	83.3	97.5	98.9	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	83.3	97.5	98.9	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	83.3	97.5	98.9	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	83.3	97.5	98.9	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	83.3	97.5	98.9	99.1	99.9	99.9	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: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: JUL 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	63.9	77.1	77.8	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6		
GE 20000	66.7	81.9	83.0	83.4	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1		
GE 18000	66.9	82.3	83.3	83.8	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4		
GE 16000	66.9	82.3	83.3	83.8	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4		
GE 14000	67.1	82.5	83.5	84.0	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6		
GE 12000	68.4	84.3	85.4	85.8	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5		
GE 10000	72.0	88.9	90.0	90.4	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4		
GE 9000	72.7	89.6	90.6	91.1	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0		
GE 8000	74.2	92.0	93.4	93.9	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8		
GE 7000	74.2	92.3	93.7	94.1	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1		
GE 6000	74.3	92.5	93.9	94.3	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3		
GE 5000	74.6	93.3	94.7	95.2	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1		
GE 4500	74.6	93.4	94.8	95.3	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2		
GE 4000	74.7	93.9	95.3	95.7	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7		
GE 3500	74.8	94.0	95.4	95.8	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8		
GE 3000	74.9	94.3	95.7	96.1	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1		
GE 2500	74.9	94.7	96.1	96.6	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5		
GE 2000	75.1	95.2	96.6	97.0	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0		
GE 1800	75.1	95.2	96.6	97.1	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1		
GE 1500	75.2	95.7	97.1	97.6	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6		
GE 1200	75.4	96.2	97.7	98.3	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4		
GE 1000	75.9	96.8	98.3	98.8	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 900	75.9	96.8	98.3	98.8	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 800	75.9	96.8	98.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 700	75.9	96.8	98.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 600	75.9	96.8	98.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 500	75.9	96.8	98.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 400	75.9	96.8	98.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 300	75.9	96.8	98.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 200	75.9	96.8	98.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 100	75.9	96.8	98.4	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
GE 0	75.9	96.8	98.4	98.9	99.8	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: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1/2	GE 1/4	GE 1/8	GE 1/16	GE 1/32	GE 1/64	GE 1/128	GE 0
NO CEIL	37.7	70.2	72.3	72.6	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 20000	40.1	76.1	78.3	78.7	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 18000	40.3	76.7	78.8	79.2	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 16000	40.3	76.7	78.8	79.2	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 14000	41.0	77.6	79.8	80.2	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 12000	42.0	79.5	81.6	82.0	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 10000	43.9	83.5	85.8	86.3	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 9000	44.3	84.2	86.5	87.0	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 8000	45.6	87.1	89.6	90.1	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 7000	46.0	88.0	90.4	91.0	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 6000	46.0	88.1	90.5	91.1	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 5000	46.5	88.9	91.4	91.9	92.7	92.8	92.9	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 4500	46.5	89.2	91.7	92.4	93.1	93.2	93.3	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 4000	46.6	89.9	92.4	93.0	93.9	94.0	94.1	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3500	46.7	90.3	92.8	93.4	94.3	94.4	94.5	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 3000	46.7	90.4	93.0	93.7	94.5	94.6	94.7	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	46.8	90.6	93.2	93.9	94.7	94.8	94.9	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2000	46.8	91.0	93.7	94.3	95.2	95.3	95.5	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1800	46.8	91.1	93.8	94.4	95.3	95.4	95.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1500	47.2	92.0	94.7	95.5	96.3	96.5	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1200	47.2	93.3	96.2	97.0	97.8	98.0	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	47.2	93.4	96.3	97.1	98.0	98.1	98.3	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 900	47.2	93.8	96.8	97.5	98.4	98.5	98.7	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 800	47.2	93.9	97.0	97.7	98.6	98.7	98.9	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 700	47.2	93.9	97.0	97.7	98.7	98.8	99.0	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 600	47.2	93.9	97.0	97.7	98.7	98.8	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 500	47.2	93.9	97.1	97.8	98.8	98.9	99.2	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	47.2	93.9	97.1	97.8	98.8	98.9	99.2	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	47.2	93.9	97.1	97.8	98.8	98.9	99.2	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	47.2	93.9	97.1	97.8	98.8	98.9	99.2	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	47.2	93.9	97.1	97.8	98.8	98.9	99.2	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	47.2	93.9	97.1	97.8	98.8	98.9	99.2	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	41.7	72.9	74.2	74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 20000	45.4	77.8	79.4	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 18000	45.6	78.3	79.8	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 16000	45.6	78.3	79.8	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 14000	46.1	79.6	81.1	81.2	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 12000	47.2	81.8	83.3	83.4	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 10000	48.8	85.4	86.9	87.0	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 9000	48.8	85.4	86.9	87.0	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 8000	49.5	87.0	88.7	88.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 7000	49.5	87.3	89.1	89.2	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 6000	49.5	87.4	89.2	89.4	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 5000	50.0	88.9	90.8	90.9	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 4500	50.1	89.1	91.0	91.1	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 4000	50.5	90.1	92.0	92.3	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 3500	50.6	90.9	92.8	93.0	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 3000	50.9	91.7	93.7	93.9	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	51.2	92.6	94.5	94.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2000	51.4	93.7	95.7	95.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1800	51.4	94.0	96.0	96.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1500	51.5	94.9	97.0	97.2	98.3	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	51.5	95.5	97.6	97.8	99.0	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	51.5	95.6	97.7	98.0	99.4	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	51.5	95.7	97.8	98.1	99.5	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	51.5	95.7	97.8	98.1	99.5	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	51.5	95.7	97.8	98.1	99.5	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	51.5	95.7	97.8	98.1	99.5	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	51.5	95.7	97.8	98.1	99.5	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	51.5	95.7	97.8	98.1	99.5	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	51.5	95.7	97.8	98.1	99.5	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	51.5	95.7	97.8	98.1	99.5	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	51.5	95.7	97.8	98.1	99.5	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	51.5	95.7	97.8	98.1	99.5	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87

MONTH: JUL HOURS(LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	50.6	75.4	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 20000	55.4	83.3	83.5	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 18000	55.7	83.9	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 16000	55.7	84.0	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
GE 14000	56.3	84.8	85.1	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 12000	57.3	86.0	86.2	86.5	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 10000	59.1	89.5	89.8	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 9000	59.1	89.5	89.8	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 8000	59.4	90.2	90.5	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 7000	59.6	90.4	90.8	91.2	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 6000	59.6	90.4	90.9	91.4	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 5000	59.8	91.7	92.4	93.1	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 4500	59.9	92.2	92.9	93.7	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 4000	60.4	93.5	94.4	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 3500	60.9	94.8	95.7	96.8	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 3000	61.9	96.2	97.1	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 2500	62.0	96.7	97.5	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 2000	62.2	97.1	98.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800	62.2	97.1	98.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1500	62.2	97.3	98.2	99.2	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	62.2	97.3	98.2	99.2	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	62.2	97.5	98.4	99.5	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 900	62.2	97.5	98.4	99.5	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 800	62.2	97.5	98.4	99.5	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 700	62.2	97.5	98.4	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	62.2	97.5	98.4	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	62.2	97.5	98.4	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	62.2	97.5	98.4	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	62.2	97.5	98.4	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	62.2	97.5	98.4	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	62.2	97.5	98.4	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	62.2	97.5	98.4	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: JUL 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	58.3	73.1	73.2	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 20000	67.0	86.2	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	86.8
GE 18000	67.3	86.6	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
GE 16000	67.3	86.8	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
GE 14000	68.1	87.7	87.8	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
GE 12000	69.1	89.2	89.4	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 10000	71.1	93.1	93.7	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 9000	71.1	93.1	93.7	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 8000	71.3	93.8	94.3	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 7000	71.4	93.9	94.4	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 6000	71.4	94.0	94.5	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 5000	71.4	94.2	94.7	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 4500	71.7	95.4	95.9	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	72.3	96.7	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
GE 3500	72.4	97.4	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 3000	72.4	97.7	98.4	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 2500	72.4	97.7	98.4	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 2000	72.4	98.1	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	72.4	98.1	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	72.6	98.4	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	72.6	98.5	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	72.6	98.5	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	72.6	98.5	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	72.6	98.5	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	72.6	98.5	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	72.6	98.5	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	72.6	98.5	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	72.6	98.5	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	72.6	98.5	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	72.6	98.5	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	72.6	98.5	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	72.6	98.5	99.1	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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	63.8	77.7	78.2	78.3	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 20000	70.2	88.5	89.0	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
GE 18000	70.2	88.5	89.0	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
GE 16000	70.2	88.5	89.0	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
GE 14000	71.0	89.2	89.8	90.1	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 12000	72.4	91.5	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 10000	74.8	94.8	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 9000	74.8	94.8	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 8000	75.3	96.4	97.0	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 7000	75.4	96.5	97.1	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
GE 6000	75.4	96.5	97.1	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
GE 5000	75.4	97.0	97.5	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 4500	75.4	97.0	97.5	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 4000	75.5	97.7	98.3	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3500	75.6	98.3	98.8	99.4	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 3000	75.6	98.4	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 2500	75.6	98.4	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 2000	75.6	98.4	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 1800	75.6	98.4	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 1500	75.6	98.4	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 1200	75.6	98.4	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 1000	75.6	98.4	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 900	75.6	98.4	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	75.6	98.4	99.0	99.6	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 700	75.6	98.4	99.0	99.6	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 600	75.6	98.5	99.2	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	75.6	98.5	99.2	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	75.6	98.5	99.2	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	75.6	98.5	99.2	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	75.6	98.5	99.2	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	75.6	98.5	99.2	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 0	75.6	98.5	99.2	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: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	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	71.6	84.4	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 20000	75.7	89.4	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 18000	75.7	89.4	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 16000	75.7	89.4	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 14000	76.1	89.8	90.5	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 12000	78.6	92.3	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	93.4
GE 10000	80.4	94.7	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 9000	80.4	94.7	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 8000	81.8	96.7	97.5	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
GE 7000	81.9	96.8	97.6	97.7	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 6000	81.9	96.9	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 5000	82.0	97.2	98.1	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
GE 4500	82.1	97.4	98.3	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
GE 4000	82.2	97.8	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3500	82.4	98.2	99.0	99.1	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 3000	82.5	98.4	99.2	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 2500	82.5	98.4	99.2	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 2000	82.5	98.4	99.2	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 1800	82.5	98.4	99.2	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 1500	82.5	98.4	99.2	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 1200	82.6	98.5	99.4	99.6	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 1000	82.6	98.5	99.4	99.6	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 900	82.6	98.5	99.4	99.6	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 800	82.6	98.5	99.4	99.6	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 700	82.7	98.6	99.5	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
GE 600	82.7	98.6	99.5	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
GE 500	82.7	98.6	99.5	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
GE 400	82.7	98.6	99.5	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
GE 300	82.7	98.6	99.5	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
GE 200	82.7	98.6	99.5	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
GE 100	82.7	98.6	99.5	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
GE 0	82.7	98.6	99.5	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

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	57.5	76.9	77.6	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 20000	62.1	84.0	84.9	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 18000	62.3	84.3	85.2	85.5	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 16000	62.3	84.3	85.2	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 14000	62.8	85.0	85.9	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 12000	64.2	86.9	87.8	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 10000	66.4	90.5	91.5	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
GE 9000	66.6	90.7	91.7	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 8000	67.4	92.4	93.5	93.8	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 7000	67.6	92.6	93.7	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 6000	67.6	92.7	93.8	94.2	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 5000	67.8	93.4	94.6	95.0	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 4500	67.9	93.8	94.9	95.4	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 4000	68.2	94.6	95.8	96.3	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 3500	68.3	95.1	96.3	96.8	97.3	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 3000	68.5	95.5	96.8	97.3	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2500	68.6	95.8	97.0	97.5	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000	68.6	96.1	97.4	97.9	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800	68.6	96.2	97.5	98.0	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500	68.7	96.6	97.8	98.4	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	68.8	96.9	98.2	98.7	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	68.9	97.0	98.3	98.9	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	68.9	97.1	98.4	99.0	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	68.9	97.1	98.5	99.0	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	68.9	97.1	98.5	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	68.9	97.1	98.5	99.1	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	68.9	97.1	98.6	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	68.9	97.1	98.6	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	68.9	97.1	98.6	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	68.9	97.1	98.6	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	68.9	97.1	98.6	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	68.9	97.1	98.6	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	69.1	81.5	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 20000	73.4	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
GE 18000	73.4	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	87.1	87.1
GE 16000	73.4	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	87.1	87.1
GE 14000	73.5	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	87.2	87.2
GE 12000	74.2	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
GE 10000	77.7	92.3	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 9000	77.7	92.4	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 8000	79.4	94.3	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 7000	80.1	95.4	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 6000	80.3	95.7	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 5000	80.4	96.8	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 4500	80.5	97.2	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 4000	81.1	97.8	98.4	98.4	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 3500	81.1	98.1	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 3000	81.2	98.2	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2500	81.2	98.3	98.8	98.8	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 2000	81.3	98.4	98.9	98.9	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 1800	81.3	98.5	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500	81.6	98.8	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	81.7	98.9	99.5	99.5	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 1000	81.7	98.9	99.5	99.5	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 900	81.7	98.9	99.5	99.5	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	81.7	98.9	99.5	99.5	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	81.7	98.9	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	81.7	98.9	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	81.7	98.9	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	81.7	98.9	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	81.7	98.9	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	81.7	98.9	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	81.7	98.9	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	81.7	98.9	99.5	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	62.2	77.1	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 20000	65.4	81.8	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	65.4	81.8	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 16000	65.4	81.8	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 14000	65.4	81.8	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 12000	66.9	83.7	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	71.0	89.4	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 9000	71.0	89.4	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 8000	72.5	91.8	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 7000	73.0	93.1	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	94.1
GE 6000	73.1	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
GE 5000	73.7	94.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 4500	73.7	94.6	95.9	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 4000	74.0	95.4	96.7	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 3500	74.3	95.8	97.1	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	74.5	96.1	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
GE 2500	74.6	96.3	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 2000	74.7	96.6	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 1800	74.8	96.9	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 1500	75.5	97.6	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 1200	75.7	97.8	99.1	99.4	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 1000	75.8	98.0	99.2	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	75.8	98.0	99.2	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	75.8	98.0	99.2	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	75.8	98.1	99.4	99.6	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 600	75.8	98.1	99.4	99.6	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 500	75.8	98.1	99.4	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	75.8	98.1	99.4	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	75.8	98.1	99.4	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	75.8	98.1	99.4	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	75.8	98.1	99.4	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	75.8	98.1	99.4	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: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.3	66.9	69.4	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
GE 20000	34.9	74.2	76.8	78.0	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 18000	34.9	74.2	76.8	78.0	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 16000	34.9	74.2	76.8	78.0	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 14000	35.3	74.8	77.4	78.6	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	36.1	76.8	79.4	80.5	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 10000	38.6	82.8	85.6	86.8	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 9000	38.8	83.2	86.0	87.2	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 8000	40.2	86.2	89.0	90.2	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 7000	40.4	86.7	89.5	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
GE 6000	40.6	86.9	89.7	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 5000	41.0	88.3	91.3	92.5	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 4500	41.0	88.3	91.3	92.8	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 4000	41.2	89.1	92.3	93.8	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 3500	41.2	89.6	92.7	94.2	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	41.2	90.2	93.3	94.9	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	41.3	90.3	93.5	95.2	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 2000	41.5	90.8	94.1	95.8	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 1800	41.6	91.0	94.3	96.0	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 1500	41.8	91.6	95.3	97.1	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	42.3	92.3	95.9	97.7	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	42.3	92.3	96.0	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 900	42.3	92.3	96.0	98.0	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	42.3	92.4	96.1	98.1	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	42.3	92.4	96.1	98.2	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	42.3	92.4	96.2	98.3	99.2	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	42.3	92.4	96.2	98.3	99.2	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	42.3	92.4	96.2	98.3	99.2	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	42.3	92.4	96.2	98.3	99.2	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	42.3	92.4	96.2	98.3	99.2	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	42.3	92.4	96.2	98.3	99.2	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	42.3	92.4	96.2	98.3	99.2	99.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING 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	35.2	69.2	70.6	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 20000	39.6	77.4	78.8	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	79.6	79.6
GE 18000	39.6	77.4	78.8	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	79.6	79.6
GE 16000	39.9	77.7	79.1	79.8	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	40.4	78.7	80.1	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 12000	41.7	80.8	82.2	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
GE 10000	43.3	85.9	87.5	88.2	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	88.3
GE 9000	43.3	86.5	88.1	88.7	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 8000	44.0	88.7	90.4	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 7000	44.3	89.2	91.0	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 6000	44.4	89.6	91.4	92.2	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 5000	44.6	90.3	92.2	92.9	93.0	93.0	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 4500	44.7	90.5	92.4	93.1	93.2	93.2	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 4000	44.9	91.4	93.2	94.0	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
GE 3500	45.4	92.0	93.9	94.6	94.7	94.7	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	45.5	92.9	94.7	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2500	46.0	93.5	95.4	96.2	96.5	96.5	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 2000	46.2	94.1	95.9	96.9	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
GE 1800	46.3	94.3	96.1	97.1	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
GE 1500	46.7	95.2	97.1	98.1	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
GE 1200	46.8	95.7	97.6	98.7	98.9	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
GE 1000	46.8	95.8	97.8	99.0	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 900	46.8	95.8	97.8	99.0	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 800	46.8	95.8	97.8	99.0	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 700	46.8	95.8	97.8	99.0	99.2	99.2	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	46.8	95.8	97.8	99.0	99.2	99.2	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 500	46.8	95.8	97.8	99.0	99.2	99.2	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 400	46.8	95.8	97.8	99.0	99.2	99.2	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 300	46.8	95.8	97.8	99.0	99.2	99.2	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 200	46.8	95.8	97.8	99.0	99.2	99.2	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 100	46.8	95.8	97.8	99.0	99.2	99.2	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 0	46.8	95.8	97.8	99.0	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: AUG HOUR\$ (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	43.9	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 20000	52.4	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	78.8	78.8
GE 18000	52.4	78.3	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 16000	52.7	78.6	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 14000	53.0	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	79.9	79.9
GE 12000	54.1	81.9	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 10000	55.5	87.2	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 9000	55.9	88.1	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	56.6	90.1	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 7000	56.6	90.1	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 6000	56.7	90.6	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 5000	56.9	91.4	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 4500	57.4	92.5	93.2	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 4000	58.9	95.1	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 3500	59.2	95.8	96.6	96.7	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	59.6	97.0	97.8	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
GE 2500	59.6	97.5	98.4	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
GE 2000	59.6	98.0	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
GE 1800	59.6	98.0	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
GE 1600	59.6	98.0	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
GE 1400	59.6	98.0	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
GE 1200	59.9	98.3	99.1	99.2	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 1000	59.9	98.5	99.4	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 900	59.9	98.5	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	59.9	98.5	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	59.9	98.5	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	59.9	98.5	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	59.9	98.5	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	59.9	98.5	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	59.9	98.5	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	59.9	98.5	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	59.9	98.5	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 0	59.9	98.5	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	53.7	69.4	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 20000	62.9	83.2	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 18000	63.0	83.3	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 16000	63.0	83.4	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
GE 14000	64.0	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
GE 12000	65.1	87.0	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 10000	66.8	90.6	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 9000	67.1	91.3	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	92.2
GE 8000	68.0	93.0	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 7000	68.1	93.3	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 6000	68.1	93.3	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 5000	68.6	94.7	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 4500	68.8	95.6	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 4000	69.4	96.7	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
GE 3500	69.5	97.6	98.8	98.9	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 3000	69.5	97.7	98.9	99.0	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 2500	69.6	98.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 2000	69.6	98.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 1800	69.6	98.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 1500	69.6	98.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 1200	69.6	98.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 1000	69.6	98.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 900	69.6	98.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 800	69.6	98.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 700	69.6	98.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	69.6	98.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	69.6	98.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	69.6	98.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	69.6	98.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	69.6	98.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	69.6	98.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	69.6	98.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	58.9	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	
GE 20000	66.9	86.1	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	86.8	
GE 18000	66.9	86.1	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	86.8	
GE 16000	66.9	86.1	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	86.8	
GE 14000	67.0	86.2	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	
GE 12000	68.3	88.2	88.7	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 10000	71.3	93.1	93.7	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 9000	71.4	93.3	93.9	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 8000	73.1	95.5	96.0	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 7000	74.0	96.3	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	97.0	
GE 6000	74.0	96.3	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	97.0	
GE 5000	74.7	97.5	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 4500	74.8	97.6	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 4000	74.9	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	
GE 3500	74.9	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	
GE 3000	74.9	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	
GE 2500	74.9	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	
GE 2000	74.9	99.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 1800	74.9	99.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 1500	74.9	99.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 1200	74.9	99.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 1000	74.9	99.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 900	74.9	99.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 800	74.9	99.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 700	74.9	99.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 600	74.9	99.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 500	74.9	99.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 400	74.9	99.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 300	74.9	99.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 200	74.9	99.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 100	74.9	99.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	
GE 0	74.9	99.0	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86

MONTH: AUG HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 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	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
GE 20000	74.1	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
GE 18000	74.1	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
GE 16000	74.1	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
GE 14000	74.3	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	89.5
GE 12000	75.7	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
GE 10000	78.5	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	94.4
GE 9000	78.7	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 8000	79.8	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	96.3
GE 7000	80.3	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	97.2
GE 6000	80.5	97.2	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 5000	81.1	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	98.4	98.4
GE 4500	81.4	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	98.8
GE 4000	81.6	98.7	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 3500	81.6	99.0	99.4	99.4	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 3000	81.6	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	99.6	99.6
GE 2500	81.6	99.4	99.8	99.8	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 2000	81.6	99.4	99.9	99.9	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 1800	81.6	99.4	99.9	99.9	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 1500	81.7	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	100.0
GE 1200	81.7	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	100.0
GE 1000	81.7	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	100.0
GE 900	81.7	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	100.0
GE 800	81.7	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	100.0
GE 700	81.7	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	100.0
GE 600	81.7	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	100.0
GE 500	81.7	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	100.0
GE 400	81.7	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	100.0
GE 300	81.7	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	100.0
GE 200	81.7	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	100.0
GE 100	81.7	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	100.0
GE 01	81.7	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	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING 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	52.8	73.1	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 20000	58.7	82.1	83.0	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
GE 18000	58.7	82.1	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
GE 16000	58.8	82.2	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	83.4
GE 14000	59.1	82.7	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 12000	60.3	84.6	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 10000	62.8	89.4	90.4	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 9000	63.0	89.8	90.8	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
GE 8000	64.2	92.0	93.0	93.2	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 7000	64.6	92.6	93.6	93.9	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 6000	64.7	92.9	93.9	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
GE 5000	65.1	94.0	95.1	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 4500	65.3	94.4	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 4000	65.8	95.3	96.5	96.8	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 3500	65.9	95.8	97.0	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6
GE 3000	66.0	96.3	97.5	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2500	66.1	96.6	97.8	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
GE 2000	66.2	96.8	98.1	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
GE 1800	66.2	96.9	98.2	98.6	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	66.4	97.3	98.6	99.0	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 1200	66.6	97.5	98.8	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
GE 1000	66.6	97.6	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	66.6	97.6	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	66.6	97.6	98.9	99.4	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	66.6	97.6	98.9	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
GE 600	66.6	97.6	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	66.6	97.6	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	66.6	97.6	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	66.6	97.6	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	66.6	97.6	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.6	97.6	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	66.6	97.6	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	66.9	77.1	77.2	77.2	77.2	77.2	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 20000	70.7	81.8	81.9	81.9	81.9	81.9	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 18000	70.8	81.9	82.0	82.0	82.0	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 16000	70.8	81.9	82.0	82.0	82.0	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 14000	71.3	82.6	82.8	82.8	82.8	82.8	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 12000	72.3	83.9	84.1	84.1	84.1	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 10000	74.6	87.0	87.2	87.2	87.2	87.2	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 9000	74.6	87.0	87.2	87.2	87.2	87.2	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 8000	75.7	89.1	89.3	89.3	89.3	89.3	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 7000	75.8	89.2	89.4	89.4	89.4	89.4	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 6000	76.0	89.7	89.9	89.9	89.9	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 5000	76.3	90.0	90.2	90.2	90.2	90.2	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 4500	76.6	90.6	90.8	90.8	90.8	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 4000	76.8	91.0	91.2	91.2	91.2	91.2	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3500	76.9	91.1	91.3	91.3	91.3	91.3	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 3000	77.4	91.7	91.9	91.9	91.9	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2500	77.8	92.1	92.6	92.6	92.6	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 2000	78.1	92.4	93.0	93.0	93.0	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1800	78.6	92.9	93.4	93.4	93.4	93.4	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1500	79.6	94.3	95.0	95.0	95.0	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1200	79.8	95.1	95.8	95.8	95.8	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000	79.9	96.0	96.7	96.7	96.7	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 900	79.9	96.0	96.7	96.7	96.8	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	80.0	96.1	96.9	96.9	97.0	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	80.2	96.8	97.6	97.6	97.9	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	80.2	96.9	97.8	97.8	98.0	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	80.2	97.1	98.1	98.3	98.8	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	80.2	97.1	98.2	98.6	99.2	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	80.2	97.2	98.3	98.7	99.3	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	80.2	97.2	98.3	98.7	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	80.2	97.2	98.3	98.7	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	80.2	97.2	98.3	98.7	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	57.4	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 20000	60.9	75.8	76.4	76.4	76.4	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 18000	60.9	75.8	76.4	76.4	76.4	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 16000	60.9	75.8	76.4	76.4	76.4	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 14000	61.4	76.6	77.3	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
GE 12000	62.7	78.2	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 10000	65.0	81.9	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 9000	65.0	81.9	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 8000	66.6	84.0	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 7000	66.7	84.1	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 6000	66.8	84.2	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	85.1
GE 5000	67.1	84.7	85.4	85.6	85.7	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 4500	67.4	85.1	85.9	86.0	86.1	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 4000	67.6	85.4	86.6	86.7	86.8	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 3500	67.8	85.9	87.0	87.1	87.2	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 3000	68.3	86.6	87.7	87.8	87.9	87.9	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2500	69.1	87.4	88.8	88.9	89.0	89.0	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2000	70.1	88.9	90.2	90.3	90.4	90.4	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1800	70.9	89.7	91.0	91.1	91.3	91.3	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1500	71.8	90.8	92.4	92.6	92.8	92.8	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1200	72.1	91.6	93.6	93.7	93.9	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1000	72.4	93.1	95.6	95.8	96.0	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 900	72.6	93.6	96.1	96.3	96.6	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 800	72.6	93.8	96.4	96.8	97.0	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	72.7	94.3	97.0	97.6	97.9	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	72.7	94.6	97.2	97.8	98.1	98.1	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	72.7	94.6	97.2	97.8	98.2	98.2	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	72.7	94.7	97.3	98.2	98.7	98.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	72.7	94.7	97.3	98.2	98.7	98.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	72.7	94.7	97.3	98.2	98.8	98.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	72.7	94.7	97.3	98.2	98.8	98.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	72.7	94.7	97.3	98.2	98.8	98.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(1ST): 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	GE 0
NO CEIL	30.6	59.8	62.9	64.2	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 20000	32.9	64.7	67.9	69.3	69.8	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 18000	32.9	64.7	67.9	69.3	69.8	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	32.9	64.7	67.9	69.3	69.8	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 14000	33.1	65.0	68.4	69.9	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
GE 12000	34.1	66.7	70.4	72.0	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 10000	36.2	70.7	75.1	76.8	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 9000	36.2	70.7	75.1	76.8	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 8000	36.6	72.7	77.8	79.6	80.3	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 7000	36.6	73.2	78.3	80.2	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 6000	36.6	73.3	78.4	80.6	81.3	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 5000	36.7	73.4	78.6	80.8	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 4500	36.9	73.9	79.1	81.3	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 4000	36.9	74.6	79.9	82.1	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
GE 3500	37.2	75.1	80.6	82.8	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3000	37.7	76.0	81.4	83.8	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 2500	38.1	76.9	82.6	85.0	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 2000	38.6	77.9	83.6	86.0	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1800	39.0	78.3	84.1	86.6	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1500	39.6	83.4	86.4	89.1	90.3	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1200	40.0	81.4	87.7	90.6	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1000	40.1	82.9	89.2	92.4	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 900	40.2	83.2	89.6	93.0	94.2	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 800	40.2	83.7	90.3	93.8	95.2	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 700	40.2	84.3	91.6	95.2	97.0	97.1	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	40.2	84.3	91.6	95.3	97.1	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	40.2	84.4	91.9	96.0	97.9	98.1	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
GE 400	40.2	84.6	92.0	96.1	98.1	98.6	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 300	40.2	84.6	92.0	96.1	98.1	98.6	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	40.2	84.6	92.0	96.1	98.1	98.6	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	40.2	84.6	92.0	96.1	98.1	98.6	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 70	40.2	84.6	92.0	96.1	98.1	98.6	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: SEP 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
NO CEIL	28.6	57.4	60.1	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
GE 20000	30.7	62.0	64.7	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 18000	30.8	62.1	64.8	65.0	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 16000	30.8	62.6	65.2	65.4	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 14000	31.3	63.2	66.4	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 12000	32.9	65.7	69.1	69.6	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 10000	34.4	70.4	74.0	74.4	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 9000	34.4	70.4	74.0	74.4	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 8000	35.2	72.8	76.8	77.6	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 7000	35.2	73.2	77.2	78.3	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 6000	35.2	73.3	77.3	78.4	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 5000	35.4	74.4	78.4	79.6	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 4500	35.6	74.9	78.9	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
GE 4000	36.0	75.4	79.4	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
GE 3500	36.2	76.1	80.2	81.3	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 3000	37.0	78.2	82.4	83.6	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 2500	37.8	80.6	85.0	86.1	87.0	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2000	38.9	83.2	87.7	88.8	89.7	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1800	39.2	83.7	88.1	89.2	90.1	90.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1500	40.1	86.0	90.4	91.9	92.8	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1200	40.7	87.6	92.1	93.8	94.7	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1000	40.8	88.2	92.8	94.8	95.8	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	40.8	88.3	93.0	95.0	96.0	96.1	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 800	40.8	88.6	93.4	95.7	96.8	96.9	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 700	40.8	88.7	93.7	96.1	97.4	97.7	98.6	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	40.8	88.7	93.7	96.1	97.4	97.8	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	40.8	88.7	93.8	96.2	97.6	98.0	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	40.8	88.7	93.8	96.3	97.8	98.2	99.2	99.3	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	40.8	88.7	93.8	96.4	97.9	98.3	99.3	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	40.8	88.7	93.8	96.4	97.9	98.3	99.3	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	40.8	88.7	93.8	96.4	97.9	98.3	99.3	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	40.8	88.7	93.8	96.4	97.9	98.3	99.3	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 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
NO CEIL	41.0	63.4	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 20000	46.4	71.8	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 18000	46.7	72.1	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 16000	46.7	72.6	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	47.3	73.7	74.4	74.4	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 12000	48.4	76.2	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	49.7	79.9	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	80.9
GE 9000	49.7	79.9	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	80.9
GE 8000	50.4	81.1	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 7000	50.8	82.1	83.2	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
GE 6000	51.1	82.4	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 5000	51.8	83.3	84.9	85.1	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 4500	52.2	84.2	85.8	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 4000	52.9	85.2	86.8	87.0	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 3500	53.2	86.3	88.2	88.4	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 3000	54.1	89.4	91.7	91.9	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 2500	54.4	90.6	92.9	93.4	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 2000	54.9	91.3	93.7	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7
GE 1800	54.9	91.7	94.0	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2
GE 1500	55.4	93.2	95.6	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9
GE 1200	55.4	93.8	96.1	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.6	97.6	97.6
GE 1000	55.4	93.9	96.2	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.7	97.7	97.7
GE 900	55.4	93.9	96.2	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.7	97.7	97.7
GE 800	55.7	94.1	96.6	97.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.1	98.1	98.1
GE 700	55.7	94.3	96.8	97.7	98.0	98.1	98.2	98.3	98.3	98.6	98.6	98.6	98.6	98.8	98.8	98.8
GE 600	55.7	94.3	96.8	97.7	98.0	98.1	98.2	98.3	98.3	98.7	98.7	98.7	98.7	99.1	99.1	99.1
GE 500	55.7	94.4	97.0	97.9	98.3	98.4	98.6	98.7	98.7	99.1	99.1	99.1	99.1	99.6	99.6	99.6
GE 400	55.7	94.4	97.1	98.1	98.7	98.8	99.0	99.1	99.1	99.6	99.6	99.6	99.7	100.0	100.0	100.0
GE 300	55.7	94.4	97.1	98.1	98.7	98.8	99.0	99.1	99.1	99.6	99.6	99.6	99.7	100.0	100.0	100.0
GE 200	55.7	94.4	97.1	98.1	98.7	98.8	99.0	99.1	99.1	99.6	99.6	99.6	99.7	100.0	100.0	100.0
GE 100	55.7	94.4	97.1	98.1	98.7	98.8	99.0	99.1	99.1	99.6	99.6	99.6	99.7	100.0	100.0	100.0
GE 0	55.7	94.4	97.1	98.1	98.7	98.8	99.0	99.1	99.1	99.6	99.6	99.6	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	51.8	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 20000	58.6	73.1	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 18000	59.1	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	74.1
GE 16000	59.6	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
GE 14000	60.0	74.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 12000	62.2	77.7	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 10000	65.2	84.1	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 9000	65.2	84.1	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 8000	66.0	86.0	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 7000	66.1	86.4	88.2	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
GE 6000	66.3	86.7	88.4	88.6	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 5000	67.1	87.6	89.6	89.7	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 4500	67.3	88.9	90.9	91.1	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 4000	67.6	89.2	91.3	91.6	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3500	68.0	89.9	92.0	92.2	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 3000	68.1	90.8	93.0	93.6	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2500	69.1	92.7	94.9	95.4	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2000	69.2	93.6	95.9	96.4	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1800	69.2	93.7	96.0	96.6	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1500	69.7	94.3	96.7	97.2	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	69.9	94.7	97.0	97.6	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 1000	70.0	94.9	97.3	98.0	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	70.0	94.9	97.3	98.0	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	70.0	95.2	97.7	98.3	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	70.0	95.2	97.7	98.3	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	70.1	95.3	97.9	98.6	99.0	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	70.1	95.4	98.0	98.7	99.2	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	70.1	95.4	98.0	98.7	99.2	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	70.1	95.4	98.0	98.7	99.2	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	70.1	95.4	98.0	98.7	99.2	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	70.1	95.4	98.0	98.7	99.2	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	70.1	95.4	98.0	98.7	99.2	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: SEP 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	59.1	71.1	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 20000	66.7	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 18000	67.4	81.6	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 16000	67.4	81.6	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 14000	68.0	82.4	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 12000	69.3	84.4	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 10000	71.6	88.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 9000	71.6	88.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 8000	72.1	90.3	91.6	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
GE 7000	72.3	90.8	92.0	92.1	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 6000	72.6	91.1	92.4	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 5000	72.9	92.2	93.6	94.0	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 4500	72.9	92.4	93.8	94.2	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 4000	73.1	92.8	94.2	94.7	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 3500	73.2	92.9	94.4	94.9	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 3000	73.3	93.3	95.0	95.4	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2500	73.4	94.4	96.1	96.8	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2000	73.6	94.9	96.6	97.2	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 1800	73.6	94.9	96.6	97.2	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 1500	73.7	95.0	96.7	97.3	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1200	73.9	95.3	97.0	97.7	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	74.1	95.7	97.3	98.0	98.4	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	74.1	95.7	97.3	98.0	98.4	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	74.1	95.8	97.7	98.3	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	74.1	95.8	97.7	98.3	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	74.2	96.1	98.0	98.7	99.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	74.2	96.1	98.1	98.8	99.2	99.2	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	74.2	96.1	98.1	98.8	99.2	99.2	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	74.2	96.1	98.1	98.8	99.2	99.2	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	74.2	96.1	98.1	98.8	99.2	99.2	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	74.2	96.1	98.1	98.8	99.2	99.2	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	74.2	96.1	98.1	98.8	99.2	99.2	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	67.1	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 20000	71.9	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 18000	72.0	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	83.0	
GE 16000	72.0	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	83.0	
GE 14000	72.3	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	
GE 12000	74.0	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	86.8	86.8	
GE 10000	76.3	89.9	90.3	90.3	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 9000	76.3	89.9	90.3	90.3	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 8000	77.6	91.3	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 7000	77.6	91.3	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 6000	77.6	91.4	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 5000	78.1	92.0	92.7	92.8	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
GE 4500	78.1	92.1	92.8	92.9	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	
GE 4000	78.2	92.3	93.0	93.1	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
GE 3500	78.3	92.7	93.3	93.4	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	
GE 3000	78.3	92.7	93.3	93.4	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	
GE 2500	78.4	93.8	94.4	94.6	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	
GE 2000	78.9	94.4	95.1	95.2	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
GE 1800	79.0	94.7	95.3	95.4	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	
GE 1500	79.7	95.9	96.6	96.7	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
GE 1200	79.9	96.3	97.0	97.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
GE 1000	80.2	96.8	97.6	97.7	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 900	80.2	96.8	97.6	97.7	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
GE 800	80.2	97.0	97.8	97.9	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
GE 700	80.3	97.4	98.2	98.3	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 600	80.3	97.8	98.6	98.7	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	80.3	97.9	98.9	99.0	99.2	99.2	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
GE 400	80.3	97.9	98.9	99.0	99.2	99.2	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
GE 300	80.3	97.9	98.9	99.0	99.2	99.2	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
GE 200	80.3	97.9	98.9	99.0	99.2	99.2	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	80.3	97.9	98.9	99.0	99.2	99.2	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	80.3	97.9	98.9	99.0	99.2	99.2	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 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	50.3	67.7	68.6	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 20000	54.8	74.1	75.0	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 18000	55.1	74.3	75.3	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 16000	55.1	74.5	75.5	75.7	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 14000	55.6	75.3	76.6	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 12000	57.0	77.4	78.8	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 10000	59.1	81.6	83.2	83.5	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 9000	59.1	81.6	83.2	83.5	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 8000	60.0	83.4	85.2	85.6	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 7000	60.1	83.8	85.6	86.1	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 6000	62.3	84.0	85.9	86.4	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 5000	60.7	84.7	86.7	87.2	87.5	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 4500	60.9	85.3	87.2	87.8	88.1	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 4000	61.1	85.8	87.8	88.4	88.7	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 3500	61.4	86.3	88.4	88.9	89.3	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 3000	61.8	87.3	89.6	90.2	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 2500	62.3	88.6	90.9	91.6	92.0	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2000	62.8	89.6	92.0	92.7	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1800	63.0	89.9	92.3	93.0	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1500	63.7	91.3	93.7	94.5	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1200	64.0	92.0	94.5	95.4	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000	64.1	92.7	95.3	96.3	96.8	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	64.2	92.8	95.5	96.5	96.9	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	64.2	93.0	95.8	96.9	97.4	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9
GE 700	64.3	93.4	96.3	97.4	98.0	98.1	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	64.3	93.5	96.4	97.6	98.3	98.3	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	64.3	93.6	96.6	97.8	98.6	98.7	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	64.3	93.6	96.7	98.0	98.8	98.9	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9
GE 300	64.3	93.6	96.7	98.0	98.8	98.9	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	64.3	93.6	96.7	98.0	98.8	99.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	64.3	93.6	96.7	98.0	98.8	99.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 0	64.3	93.6	96.7	98.0	98.8	99.0	99.5	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	58.9	64.8	65.4	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 20000	61.5	67.8	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 18000	61.5	67.8	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 16000	61.5	67.8	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 14000	61.5	67.8	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 12000	62.7	69.0	69.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 10000	64.7	71.7	72.3	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 9000	64.8	71.8	72.4	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
GE 8000	66.9	74.5	75.1	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 7000	67.2	74.8	75.4	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 6000	68.7	76.3	76.9	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 5000	69.6	78.1	78.6	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
GE 4500	70.0	78.8	79.4	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 4000	70.3	79.4	80.1	80.4	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 3500	71.0	80.1	80.9	81.2	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 3000	71.4	81.8	82.7	83.0	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 2500	72.6	83.8	84.6	84.9	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2000	74.2	85.6	86.7	87.0	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1800	75.1	86.5	87.5	87.8	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1500	76.0	89.1	90.2	90.5	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1200	77.5	91.6	92.7	93.0	93.5	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1000	77.7	92.2	93.4	94.0	94.6	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 900	77.7	92.3	93.7	94.4	95.1	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 800	77.7	92.9	94.4	95.5	96.1	96.2	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 700	77.7	93.2	94.9	96.0	96.9	97.0	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 600	77.7	93.5	95.3	96.6	97.4	97.5	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	77.7	94.0	95.8	97.3	98.3	98.4	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	77.7	94.0	95.8	97.4	98.4	98.6	98.9	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	77.7	94.0	95.8	97.4	98.4	98.6	98.9	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	77.7	94.0	95.8	97.4	98.4	98.6	98.9	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	77.7	94.0	95.8	97.4	98.4	98.6	99.0	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	77.7	94.0	95.8	97.4	98.4	98.6	99.0	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	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	51.5	59.5	59.9	60.2	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9		
GE 20000	54.4	62.7	63.1	63.4	63.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1		
GE 18000	54.6	62.9	63.3	63.7	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3		
GE 16000	54.6	62.9	63.3	63.7	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3		
GE 14000	54.6	62.9	63.3	63.7	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3		
GE 12000	56.1	64.4	64.8	65.2	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8		
GE 10000	57.7	66.3	67.1	67.6	67.8	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3		
GE 9000	57.8	66.5	67.2	67.7	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4		
GE 8000	59.2	68.3	69.0	69.6	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2		
GE 7000	60.4	69.6	70.3	70.9	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5		
GE 6000	61.4	70.5	71.3	71.8	72.0	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5		
GE 5000	62.4	72.8	73.9	74.4	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.1	75.1		
GE 4500	63.3	73.9	74.9	75.5	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1		
GE 4000	63.8	74.9	76.0	76.6	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3		
GE 3500	64.1	75.7	76.8	77.3	77.6	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1		
GE 3000	64.7	77.0	78.1	78.6	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 2500	65.8	79.9	81.0	81.5	81.8	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4		
GE 2000	67.1	82.2	83.3	84.0	84.4	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9		
GE 1800	68.1	83.3	84.5	85.2	85.6	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1		
GE 1500	69.2	85.6	86.9	87.5	88.0	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5		
GE 1200	69.9	87.3	88.8	89.5	89.9	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5		
GE 1000	70.1	88.1	89.8	90.5	91.2	91.6	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2	92.2		
GE 900	70.2	88.4	90.5	91.5	92.2	92.6	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2		
GE 800	70.2	89.0	91.6	92.6	93.5	94.1	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8		
GE 700	70.2	89.7	92.7	93.9	94.9	95.5	95.9	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.7	96.7		
GE 600	70.2	89.9	92.9	94.1	95.3	95.8	96.3	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.1	97.1		
GE 500	70.2	90.0	93.1	94.5	95.7	96.2	97.0	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.8	97.8		
GE 400	70.2	90.0	93.1	94.5	96.1	96.7	97.6	98.1	98.2	98.4	98.5	98.5	98.5	98.5	98.6	98.6		
GE 300	70.2	90.0	93.1	94.5	96.5	97.0	98.1	98.5	98.6	98.9	99.0	99.0	99.0	99.1	99.4	99.5		
GE 200	70.2	90.0	93.1	94.5	96.5	97.0	98.1	98.5	98.6	99.1	99.4	99.4	99.5	99.6	99.8	100.0		
GE 100	70.2	90.0	93.1	94.5	96.5	97.0	98.1	98.5	98.6	99.1	99.4	99.4	99.5	99.6	99.8	100.0		
GE 0	70.2	90.0	93.1	94.5	96.5	97.0	98.1	98.5	98.6	99.1	99.4	99.4	99.5	99.6	99.8	100.0		

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	35.6	49.5	51.6	52.2	52.6	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.9	52.9	53.1	53.3
GE 20000	37.6	53.4	55.6	56.2	56.8	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.4	57.6
GE 18000	37.7	53.7	55.8	56.5	57.0	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.6	57.8
GE 16000	37.8	53.8	55.9	56.6	57.1	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.7	58.0
GE 14000	38.2	54.1	56.2	56.9	57.4	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.8	57.8	58.1	58.3
GE 12000	39.1	55.5	57.6	58.3	58.8	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.5	59.7
GE 10000	40.6	58.4	60.5	61.3	61.9	62.0	62.2	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.6	62.8
GE 9000	40.6	58.6	60.8	61.5	62.2	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.8	63.0
GE 8000	42.3	61.3	63.8	64.6	65.3	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.9	66.1
GE 7000	42.8	62.6	65.1	65.9	66.7	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.3	67.5
GE 6000	43.2	63.0	65.5	66.3	67.1	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.7	68.0
GE 5000	44.5	66.3	68.9	69.8	70.5	70.6	70.8	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.2	71.4
GE 4500	45.4	68.2	70.8	71.6	72.4	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.8	72.8	73.0	73.2
GE 4000	45.8	69.1	71.7	72.6	73.3	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.8	73.8	74.0	74.2
GE 3500	46.2	70.6	73.3	74.4	75.2	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.8	76.0
GE 3000	46.8	72.4	75.4	76.6	77.3	77.5	77.6	77.7	77.7	77.8	77.8	77.8	78.0	78.0	78.2	78.4
GE 2500	47.0	73.5	76.7	78.2	79.0	79.2	79.4	79.5	79.5	79.6	79.6	79.6	79.7	79.7	79.9	80.1
GE 2000	48.0	76.1	79.6	81.1	81.9	82.2	82.4	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.9	83.1
GE 1800	48.3	76.9	80.4	81.9	82.8	83.0	83.2	83.3	83.3	83.4	83.4	83.4	83.5	83.5	83.8	84.0
GE 1500	48.9	78.7	82.7	84.7	85.6	85.8	86.1	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.9	87.1
GE 1200	49.2	80.3	84.6	86.8	87.6	87.8	88.3	88.6	88.6	88.7	88.7	88.7	88.8	88.8	89.0	89.2
GE 1000	49.5	81.5	86.0	88.3	89.7	89.9	90.4	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.2	91.4
GE 900	49.5	81.9	86.7	89.2	90.6	90.9	91.5	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.3	92.5
GE 800	49.5	82.6	87.5	90.5	92.2	92.7	93.5	93.9	93.9	94.0	94.0	94.0	94.1	94.1	94.3	94.5
GE 700	49.5	82.9	87.8	91.4	93.3	93.9	94.7	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.5	95.7
GE 600	49.5	83.2	88.2	91.7	93.8	94.3	95.2	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.9	96.1
GE 500	49.5	83.2	88.2	92.0	94.5	95.5	96.3	96.7	96.7	96.8	96.8	96.8	96.9	96.9	97.1	97.3
GE 400	49.5	83.2	88.2	92.0	94.7	95.8	96.8	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.8	98.1
GE 300	49.5	83.2	88.2	92.0	94.7	95.9	96.9	97.3	97.5	97.7	97.8	97.8	98.0	98.0	98.6	98.8
GE 200	49.5	83.2	88.2	92.0	94.8	96.0	97.0	97.5	97.7	98.4	98.7	98.7	98.9	98.9	99.6	99.9
GE 100	49.5	83.2	88.2	92.0	94.8	96.0	97.0	97.5	97.7	98.4	98.7	98.7	98.9	98.9	99.7	100.0
GE 0	49.5	83.2	88.2	92.0	94.8	96.0	97.0	97.5	97.7	98.4	98.7	98.7	98.9	98.9	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 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	GE 0
NO CEIL	34.6	50.8	51.4	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 20000	37.2	56.7	57.3	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 18000	37.4	57.0	57.6	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 16000	37.4	57.0	57.6	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 14000	37.6	57.2	57.8	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 12000	39.2	59.2	59.9	60.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 10000	39.9	61.3	61.9	62.7	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 9000	39.9	61.6	62.3	63.0	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 8000	40.6	64.4	65.2	65.9	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 7000	41.0	64.7	65.6	66.3	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 6000	41.1	65.2	66.0	66.8	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 5000	42.7	67.4	68.4	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 4500	43.3	68.3	69.2	70.0	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 4000	43.7	68.9	69.9	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
GE 3500	43.8	70.4	71.5	72.3	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 3000	44.2	72.8	74.0	74.7	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 2500	45.4	76.7	78.1	79.0	79.6	79.7	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 2000	45.8	80.1	81.9	82.9	83.4	83.5	83.8	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1800	46.0	81.1	83.0	84.0	84.5	84.6	84.8	84.9	84.9	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3
GE 1500	46.2	83.2	85.5	86.5	87.0	87.1	87.3	87.4	87.4	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7
GE 1200	46.3	84.1	86.6	87.6	88.3	88.6	89.1	89.2	89.2	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6
GE 1000	46.3	85.7	88.8	90.2	91.0	91.4	91.9	92.0	92.0	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
GE 900	46.3	86.3	89.5	91.1	91.8	92.3	92.9	93.0	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
GE 800	46.3	87.1	90.8	92.6	94.2	94.6	95.4	95.5	95.5	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 700	46.3	87.5	91.4	93.2	95.1	95.5	96.2	96.3	96.3	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	46.3	87.8	91.8	93.8	95.8	96.2	97.1	97.2	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	46.3	88.0	92.0	94.1	96.6	97.2	98.2	98.4	98.5	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	46.3	88.0	92.0	94.1	96.6	97.2	98.3	98.7	98.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	46.3	88.0	92.0	94.1	96.6	97.2	98.3	98.8	98.9	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6
GE 200	46.3	88.0	92.0	94.1	96.6	97.2	98.3	98.8	98.9	99.5	99.5	99.6	99.6	99.6	99.6	99.6	100.0
GE 100	46.3	88.0	92.0	94.1	96.6	97.2	98.3	98.8	98.9	99.5	99.5	99.6	99.6	99.6	99.6	99.6	100.0
GE 0	46.3	88.0	92.0	94.1	96.6	97.2	98.3	98.8	98.9	99.5	99.5	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2 1/2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.6	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 20000	51.1	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 18000	51.4	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
GE 16000	51.4	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
GE 14000	52.3	63.4	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 12000	53.0	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
GE 10000	55.6	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
GE 9000	55.9	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 8000	57.0	71.5	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 7000	57.0	71.9	72.5	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 6000	57.4	72.4	72.9	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 5000	58.2	73.4	74.0	74.3	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 4500	58.6	74.4	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
GE 4000	59.5	76.5	77.0	77.3	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 3500	60.1	79.2	79.8	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
GE 3000	61.6	83.0	83.8	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 2500	62.0	85.2	86.1	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
GE 2000	62.5	87.1	88.3	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 1800	62.5	87.2	88.4	89.0	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 1500	62.6	89.5	91.1	91.7	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 1200	62.9	91.4	93.3	94.4	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	62.9	92.8	95.1	96.1	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 900	62.9	93.3	95.7	96.9	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	62.9	94.0	96.5	97.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	62.9	94.1	96.6	97.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	62.9	94.4	97.1	98.3	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	62.9	94.4	97.1	98.3	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7
GE 400	62.9	94.4	97.1	98.3	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8
GE 300	62.9	94.4	97.1	98.3	99.4	99.4	99.4	99.4	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0
GE 200	62.9	94.4	97.1	98.3	99.4	99.4	99.4	99.4	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0
GE 100	62.9	94.4	97.1	98.3	99.4	99.4	99.4	99.4	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0
GE 0	62.9	94.4	97.1	98.3	99.4	99.4	99.4	99.4	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: OCT 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	51.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 20000	60.8	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	70.9
GE 18000	60.8	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	70.9
GE 16000	60.8	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	70.9
GE 14000	61.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 12000	62.4	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	64.6	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 9000	65.1	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 8000	66.2	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	79.7
GE 7000	66.5	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 6000	66.7	80.3	80.5	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 5000	68.1	82.0	82.3	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4500	69.5	84.2	84.4	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4000	69.7	85.1	85.6	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 3500	70.3	86.3	87.0	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 3000	71.0	88.4	89.2	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2500	71.4	89.8	90.8	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 2000	71.5	90.2	91.4	91.7	91.7	91.7	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1800	71.5	90.4	91.6	91.9	91.9	91.9	91.9	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1500	72.5	93.8	95.2	95.6	95.7	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1200	72.8	94.6	96.0	96.6	96.6	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	72.8	94.9	96.5	97.0	97.3	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	72.8	95.2	96.8	97.3	97.6	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	72.8	95.3	96.9	97.4	97.7	97.8	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	72.8	95.6	97.2	97.7	98.1	98.3	98.6	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 600	72.8	95.8	97.6	98.2	98.5	98.7	99.0	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 500	72.8	95.9	97.7	98.3	98.6	98.8	99.1	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 400	72.8	95.9	97.7	98.3	98.6	98.8	99.1	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	72.8	95.9	97.7	98.3	98.6	98.8	99.1	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	72.8	95.9	97.7	98.3	98.6	98.8	99.1	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	72.8	95.9	97.7	98.3	98.6	98.8	99.1	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	72.8	95.9	97.7	98.3	98.6	98.8	99.1	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

VISIBILITY IN STATUTE MILES																	
CEILING	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	58.3	67.1	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 20000	63.5	74.0	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 18000	63.5	74.0	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 16000	63.5	74.0	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 14000	63.7	74.1	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 12000	65.2	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	75.9	75.9
GE 10000	67.7	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 9000	68.1	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 8000	70.1	83.0	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 7000	70.6	84.1	84.4	84.5	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 6000	70.9	84.3	84.6	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
GE 5000	72.3	86.3	86.7	86.8	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 4500	73.0	87.5	87.8	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 4000	73.5	88.6	88.9	89.0	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	73.8	89.1	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
GE 3000	73.9	90.5	91.1	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	91.4
GE 2500	74.3	91.6	92.5	92.6	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 2000	74.5	92.4	93.5	93.7	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 1800	74.9	92.9	94.1	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
GE 1500	75.7	93.9	95.5	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1200	75.8	94.6	96.2	96.3	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 1000	76.0	95.4	97.0	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	76.0	95.6	97.2	97.3	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	76.0	95.8	97.4	97.7	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 700	76.0	96.1	97.7	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	98.9
GE 600	76.0	96.6	98.2	98.8	99.4	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 500	76.0	96.7	98.3	98.9	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 400	76.0	96.7	98.4	99.0	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 300	76.0	96.7	98.4	99.0	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 200	76.0	96.7	98.4	99.0	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 100	76.0	96.7	98.4	99.0	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 0	76.0	96.7	98.4	99.0	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

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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	2	1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	61.9	70.1	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 20000	65.4	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	74.4
GE 18000	65.4	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	74.4
GE 16000	65.4	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	74.4
GE 14000	65.4	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	74.4
GE 12000	66.1	74.9	74.9	74.9	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	69.0	78.6	78.6	78.6	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 9000	69.1	78.7	78.7	78.7	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	71.8	81.7	81.7	81.7	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 7000	72.2	82.8	82.8	82.8	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 6000	72.7	83.4	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 5000	74.1	84.9	84.9	84.9	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 4500	74.4	85.7	85.7	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
GE 4000	74.5	85.9	85.9	85.9	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 3500	75.6	87.0	87.0	87.0	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 3000	76.1	87.8	88.0	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 2500	76.6	89.1	89.2	89.6	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 2000	77.4	90.9	91.0	91.5	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	77.7	91.4	91.5	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
GE 1500	78.7	92.9	93.0	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	94.1
GE 1200	79.0	94.1	94.3	94.8	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 1000	79.5	94.8	95.1	95.6	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 900	79.6	95.6	95.8	96.3	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 800	79.6	95.9	96.1	96.8	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 700	79.8	96.5	96.7	97.3	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 600	79.8	96.7	97.1	97.8	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 500	79.8	96.7	97.1	97.8	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 400	79.8	96.8	97.3	98.2	99.4	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	79.8	96.8	97.3	98.2	99.4	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	79.8	96.8	97.3	98.2	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	79.8	96.8	97.3	98.2	99.4	99.6	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	79.8	96.8	97.3	98.2	99.4	99.6	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-84
MONTH: OCT 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	49.8	59.6	60.1	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6
GE 20000	53.9	65.2	65.7	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3
GE 18000	54.0	65.3	65.8	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4
GE 16000	54.1	65.3	65.9	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4
GE 14000	54.3	65.7	66.2	66.4	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8
GE 12000	55.5	67.1	67.6	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2
GE 10000	57.5	70.4	71.0	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	71.7
GE 9000	57.7	70.7	71.3	71.6	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 8000	59.3	71.0	73.7	74.0	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4
GE 7000	59.7	73.8	74.5	74.9	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 6000	60.3	74.4	75.1	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0
GE 5000	61.5	76.4	77.2	77.6	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1
GE 4500	62.2	77.6	78.4	78.8	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3
GE 4000	62.6	78.5	79.4	79.8	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3
GE 3500	63.1	79.8	80.7	81.2	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7
GE 3000	63.7	81.7	82.8	83.3	83.6	83.6	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 2500	64.4	83.7	84.9	85.4	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1
GE 2000	65.1	85.6	87.0	87.6	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3
GE 1800	65.5	86.2	87.6	88.3	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0
GE 1500	66.2	88.3	90.0	90.7	91.2	91.3	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6
GE 1200	66.7	89.8	91.6	92.4	93.0	93.1	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.5	93.5
GE 1000	66.9	90.7	92.7	93.6	94.3	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9
GE 900	66.9	91.1	93.2	94.3	95.0	95.2	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7
GE 800	66.9	91.6	93.9	95.1	96.0	96.3	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9
GE 700	66.9	91.9	94.4	95.7	96.8	97.0	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 600	66.9	92.2	94.8	96.2	97.3	97.5	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
GE 500	66.9	92.4	94.9	96.4	97.7	98.0	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9
GE 400	66.9	92.4	95.0	96.5	97.8	98.2	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.4
GE 300	66.9	92.4	95.0	96.5	97.9	98.3	98.8	99.0	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.7
GE 200	66.9	92.4	95.0	96.5	97.9	98.3	98.8	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9
GE 100	66.9	92.4	95.0	96.5	97.9	98.3	98.8	99.1	99.2	99.5	99.7	99.7	99.7	99.8	99.8	99.9	100.0
GE 0	66.9	92.4	95.0	96.5	97.9	98.3	98.8	99.1	99.2	99.5	99.7	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	51.4	59.0	59.1	59.2	59.3	59.4	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 20000	54.6	63.1	63.2	63.3	63.4	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 18000	54.6	63.1	63.2	63.3	63.4	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 16000	54.6	63.1	63.2	63.3	63.4	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 14000	54.7	63.2	63.3	63.4	63.6	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 12000	55.0	63.6	63.7	63.8	63.9	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 10000	56.9	65.7	65.8	65.9	66.0	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 9000	57.1	65.9	66.0	66.1	66.2	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 8000	57.9	66.7	66.8	66.9	67.0	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 7000	58.6	67.6	67.7	67.8	67.9	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 6000	58.7	67.7	67.8	67.9	68.0	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 5000	60.0	69.2	69.3	69.4	69.6	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 4500	61.6	72.1	72.2	72.4	72.6	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 4000	62.1	73.2	73.3	73.8	73.9	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 3500	62.9	74.8	74.9	75.3	75.4	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 3000	64.0	76.4	76.6	77.0	77.2	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 2500	65.8	79.9	80.1	80.7	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 2000	67.9	82.7	83.0	83.8	84.0	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1800	67.9	83.2	83.6	84.3	84.6	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1500	68.9	86.1	86.6	87.3	87.6	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1200	69.7	88.6	89.0	89.8	90.1	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1000	69.8	89.9	90.7	91.7	92.1	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 900	69.8	91.1	91.9	92.9	93.3	93.4	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 800	69.8	91.8	92.6	93.6	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 700	69.8	92.3	93.1	94.1	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 600	69.8	92.4	93.3	94.3	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 500	69.8	92.8	94.3	95.4	96.3	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 400	69.8	92.8	94.4	95.8	96.8	97.3	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 300	69.8	92.8	94.4	95.8	96.8	97.3	97.8	97.9	97.9	98.3	98.6	98.6	98.7	98.7	98.7	98.7
GE 200	69.8	92.8	94.4	95.8	96.8	97.3	97.9	98.0	98.0	98.4	98.8	98.9	99.6	99.6	99.6	99.7
GE 100	69.8	92.8	94.4	95.8	96.8	97.3	97.9	98.0	98.0	98.4	98.8	99.0	99.7	99.7	99.8	99.9
GE 0	69.8	92.8	94.4	95.8	96.8	97.3	97.9	98.0	98.0	98.4	98.8	99.0	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

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	45.7	55.1	55.7	56.0	56.2	56.3	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8
GE 20000	47.9	58.1	58.7	59.0	59.2	59.3	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8
GE 18000	47.9	58.1	58.7	59.0	59.2	59.3	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8
GE 16000	47.9	58.1	58.7	59.0	59.2	59.3	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8
GE 14000	48.0	58.2	58.8	59.1	59.3	59.4	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9
GE 12000	48.3	58.6	59.1	59.4	59.7	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2
GE 10000	49.9	60.1	60.7	61.0	61.2	61.3	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8
GE 9000	49.9	60.1	60.7	61.0	61.2	61.3	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8
GE 8000	50.4	61.2	61.8	62.1	62.3	62.4	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9
GE 7000	50.8	62.0	62.6	62.9	63.1	63.2	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7
GE 6000	51.2	62.9	63.4	63.8	64.0	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6
GE 5000	52.1	63.8	64.3	64.7	64.9	65.0	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4
GE 4500	53.1	65.8	66.3	66.7	66.9	67.0	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4
GE 4000	53.2	66.4	67.4	67.9	68.1	68.2	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7
GE 3500	54.1	68.4	69.4	69.9	70.1	70.2	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7
GE 3000	55.0	70.0	71.0	71.4	71.7	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2
GE 2500	56.9	73.1	74.4	75.0	75.2	75.3	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9
GE 2000	59.1	76.3	78.0	78.6	78.8	78.9	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.4
GE 1800	59.8	78.0	79.7	80.3	80.6	80.7	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.2
GE 1500	60.8	80.9	82.7	83.3	83.6	83.7	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.2
GE 1200	61.2	82.9	84.8	85.6	85.8	85.9	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.4
GE 1000	61.8	85.2	87.4	88.2	88.4	88.7	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.2
GE 900	61.8	86.1	88.7	89.7	90.0	90.2	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.8
GE 800	61.8	87.4	90.2	91.6	91.9	92.1	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.7
GE 700	61.8	87.7	90.7	92.0	92.4	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.2
GE 600	61.8	88.6	91.6	92.9	93.3	93.6	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.2
GE 500	61.8	88.8	92.0	93.9	94.9	95.1	95.6	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1
GE 400	61.8	88.9	92.4	94.4	95.6	95.9	96.4	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2
GE 300	61.8	88.9	92.4	94.4	95.6	95.9	96.4	97.1	97.1	97.4	97.4	97.6	97.6	97.6	97.6	97.7
GE 200	61.8	88.9	92.4	94.4	95.6	95.9	96.4	97.2	97.3	97.7	97.7	97.8	97.8	97.9	97.9	98.0
GE 100	61.8	88.9	92.4	94.4	95.6	95.9	96.4	97.2	97.3	97.7	97.7	97.8	97.9	98.0	98.0	98.1
GE 0	61.8	88.9	92.4	94.4	95.6	95.9	96.4	97.2	97.3	97.7	97.7	97.8	97.9	98.0	98.0	98.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86

MONTH: NOV HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.8	46.1	47.3	48.2	49.3	49.6	49.7	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.4
GE 20000	35.4	49.4	50.9	52.1	53.2	53.4	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9	54.3
GE 18000	35.6	49.6	51.0	52.2	53.3	53.6	53.7	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.4
GE 16000	35.6	49.7	51.3	52.6	53.7	53.9	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.8
GE 14000	35.7	49.9	51.6	52.8	53.9	54.1	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.6	54.6	55.0
GE 12000	36.4	51.0	52.7	53.9	55.0	55.2	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	56.1
GE 10000	38.2	53.2	54.9	56.2	57.4	57.7	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.2	58.2	58.7
GE 9000	38.2	53.2	54.9	56.2	57.4	57.7	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.2	58.2	58.7
GE 8000	39.1	55.2	57.0	58.3	59.6	59.8	59.9	60.1	60.1	60.2	60.2	60.2	60.2	60.3	60.3	60.8
GE 7000	39.4	55.8	57.6	58.9	60.1	60.3	60.4	60.7	60.7	60.8	60.8	60.8	60.8	60.9	60.9	61.3
GE 6000	39.6	56.0	57.8	59.1	60.3	60.6	60.7	60.9	60.9	61.0	61.0	61.0	61.0	61.1	61.1	61.6
GE 5000	39.9	57.0	59.0	60.3	61.6	61.8	61.9	62.1	62.1	62.2	62.2	62.2	62.2	62.3	62.3	62.8
GE 4500	40.3	58.7	60.8	62.1	63.3	63.6	63.7	63.9	63.9	64.0	64.0	64.0	64.0	64.1	64.1	64.6
GE 4000	40.4	59.7	61.9	63.4	64.7	64.9	65.0	65.2	65.2	65.3	65.3	65.3	65.3	65.4	65.4	65.9
GE 3500	40.8	60.8	63.1	64.7	65.9	66.1	66.2	66.4	66.4	66.6	66.6	66.6	66.6	66.7	66.7	67.1
GE 3000	42.0	62.8	65.1	66.7	67.9	68.1	68.2	68.4	68.4	68.6	68.6	68.6	68.6	68.7	68.7	69.1
GE 2500	43.6	66.6	69.3	71.0	72.3	72.6	72.7	72.9	72.9	73.0	73.0	73.0	73.0	73.1	73.1	73.6
GE 2000	45.1	69.7	72.7	74.4	75.9	76.1	76.2	76.4	76.4	76.6	76.6	76.6	76.6	76.7	76.7	77.1
GE 1800	45.9	71.2	74.2	76.0	77.4	77.7	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.2	78.2	78.7
GE 1500	47.0	74.6	77.8	79.6	81.1	81.3	81.4	81.7	81.7	81.8	81.8	81.8	81.8	81.9	81.9	82.3
GE 1200	47.1	76.3	79.7	81.7	83.4	83.7	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.2	84.2	84.7
GE 1000	47.2	78.0	81.7	83.7	85.4	85.7	85.8	86.0	86.0	86.1	86.1	86.1	86.1	86.2	86.2	86.7
GE 900	47.3	78.9	82.8	84.9	86.7	86.9	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.6	87.6	88.0
GE 800	47.3	80.0	84.2	86.6	88.7	89.0	89.2	89.4	89.4	89.6	89.6	89.6	89.6	89.7	89.7	90.1
GE 700	47.3	80.6	84.9	87.8	90.3	90.9	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.6	91.6	92.0
GE 600	47.3	81.3	85.7	88.7	91.6	92.1	92.3	92.6	92.6	92.8	92.8	92.8	92.8	92.9	92.9	93.3
GE 500	47.3	81.7	86.2	89.3	92.7	93.2	93.8	94.1	94.1	94.3	94.3	94.3	94.3	94.4	94.4	94.9
GE 400	47.3	81.7	86.4	89.8	93.4	94.4	95.1	95.8	95.9	96.1	96.1	96.1	96.1	96.2	96.2	96.7
GE 300	47.3	81.7	86.4	89.8	93.4	94.6	95.2	95.9	96.2	96.4	96.4	96.4	96.4	96.6	96.6	97.6
GE 200	47.3	81.7	86.4	89.8	93.4	94.6	95.2	95.9	96.2	96.4	96.6	96.6	96.6	96.7	97.1	97.9
GE 100	47.3	81.7	86.4	89.8	93.4	94.6	95.2	95.9	96.2	96.6	96.7	96.7	96.7	96.8	97.6	99.6
GE 01	47.3	81.7	86.4	89.8	93.4	94.6	95.2	95.9	96.2	96.6	96.7	96.7	96.7	96.8	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.8	44.8	46.7	47.4	47.8	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.1	48.1	48.2	48.2
GE 20000	35.7	51.1	53.2	54.1	54.4	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.9	54.9
GE 18000	35.7	51.1	53.2	54.1	54.4	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.9	54.9
GE 16000	35.7	51.1	53.2	54.1	54.4	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.9	54.9
GE 14000	35.7	51.1	53.2	54.1	54.4	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.9	54.9
GE 12000	36.2	52.2	54.3	55.2	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.9	55.9	56.0	56.0
GE 10000	37.9	54.6	56.8	57.7	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.4	58.4
GE 9000	37.9	54.6	56.8	57.7	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.4	58.4
GE 8000	38.6	56.3	58.6	59.4	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.2	60.2
GE 7000	38.8	56.8	59.0	59.9	60.2	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.6	60.6	60.7	60.7
GE 6000	38.8	57.1	59.4	60.3	60.7	60.8	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.1	61.1
GE 5000	39.0	58.6	61.1	62.1	62.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.9	62.9
GE 4500	39.2	60.0	62.6	63.6	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.3	64.3
GE 4000	39.9	61.8	64.3	65.3	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.1	66.1
GE 3500	40.4	63.8	66.3	67.6	68.1	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.7	68.7
GE 3000	41.0	66.7	69.2	70.4	71.0	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.6	71.6	71.7	71.7
GE 2500	41.6	69.7	72.6	73.8	74.3	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.9	74.9	75.0	75.0
GE 2000	42.1	72.1	75.3	76.6	77.1	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.8	77.8
GE 1800	42.8	73.2	76.4	77.8	78.3	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9	79.0	79.0
GE 1500	43.6	75.8	79.2	80.6	81.1	81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.8	81.8
GE 1200	43.7	78.1	81.7	83.1	83.8	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.4	84.4
GE 1000	43.8	79.6	84.0	85.7	86.4	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.2	87.2
GE 900	43.9	80.7	85.1	86.9	88.2	88.6	88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.1	89.1
GE 800	44.1	81.4	86.2	88.1	89.4	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.4	90.4
GE 700	44.1	82.1	87.2	89.7	91.4	91.9	92.1	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.6	92.6
GE 600	44.1	82.4	88.0	90.9	92.9	93.3	93.8	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.3	94.3
GE 500	44.1	82.4	88.1	91.3	94.0	94.7	95.3	95.8	95.9	96.2	96.3	96.3	96.4	96.4	96.6	96.6
GE 400	44.1	82.4	88.1	91.4	94.2	94.9	95.8	96.6	97.0	97.3	97.4	97.4	97.6	97.6	97.7	97.8
GE 300	44.1	82.4	88.1	91.4	94.2	94.9	95.8	96.7	97.2	97.8	97.9	97.9	98.1	98.1	98.2	98.6
GE 200	44.1	82.6	88.2	91.6	94.3	95.0	95.9	96.8	97.3	98.0	98.2	98.2	98.8	98.8	99.1	99.4
GE 100	44.1	82.6	88.2	91.6	94.3	95.0	95.9	96.8	97.3	98.0	98.2	98.2	98.9	99.0	99.3	100.0
GE 0	44.1	82.6	88.2	91.6	94.3	95.0	95.9	96.8	97.3	98.0	98.2	98.2	98.9	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86

MONTH: NOV 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	40.7	49.8	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 20000	45.9	58.2	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 18000	45.9	58.4	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 16000	45.9	58.4	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 14000	46.0	58.7	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 12000	47.1	60.7	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 10000	49.6	64.0	64.1	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 9000	49.6	64.0	64.1	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 8000	50.3	65.4	65.6	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 7000	50.7	65.9	66.0	66.4	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 6000	50.7	66.2	66.3	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 5000	51.0	67.2	67.4	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 4500	51.1	68.0	68.3	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 4000	52.2	70.1	70.4	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 3500	53.1	72.1	72.4	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 3000	54.3	75.7	76.0	76.4	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 2500	55.0	79.0	79.3	79.8	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 2000	55.6	81.9	82.6	83.0	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1800	55.8	82.3	83.0	83.4	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 1500	56.2	84.7	85.9	86.4	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1200	56.8	87.0	88.4	89.2	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1000	57.0	88.0	89.9	91.1	91.6	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 900	57.1	88.3	90.4	91.9	92.7	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 800	57.3	89.4	91.9	93.3	94.6	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 700	57.3	90.0	92.7	94.2	95.8	96.3	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 600	57.3	90.0	92.8	94.4	96.4	97.0	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 500	57.3	90.0	92.9	94.6	96.8	97.7	98.7	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	57.3	90.0	92.9	94.6	96.8	97.8	98.8	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	57.3	90.0	92.9	94.6	96.8	97.8	98.8	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	57.3	90.0	92.9	94.6	96.8	97.8	98.8	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	57.3	90.0	92.9	94.6	96.8	97.8	98.8	99.0	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0
GE 0	57.3	90.0	92.9	94.6	96.8	97.8	98.8	99.0	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	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	47.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 20000	54.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 18000	55.1	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 16000	55.1	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 14000	55.7	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 12000	56.3	66.4	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 10000	58.6	69.1	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 9000	58.7	69.2	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 8000	60.0	71.2	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 7000	60.7	71.9	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 6000	60.7	72.3	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 5000	61.4	74.1	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 4500	62.4	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 4000	63.4	77.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 3500	64.0	79.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3000	64.9	81.9	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 2500	65.4	84.3	85.3	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 2000	66.0	85.8	86.9	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 1800	66.2	86.7	87.9	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 1500	66.7	88.2	89.6	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 1200	67.2	89.2	90.9	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1000	67.3	90.3	92.6	93.7	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 900	67.3	90.8	93.1	94.4	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 800	67.3	91.1	93.8	95.3	97.2	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	67.3	91.6	94.2	95.9	97.9	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	67.3	91.6	94.2	96.1	98.1	98.4	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	67.3	91.7	94.3	96.2	98.2	98.7	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	67.3	91.7	94.3	96.2	98.2	98.7	99.1	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	67.3	91.7	94.3	96.2	98.2	98.7	99.1	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	67.3	91.7	94.3	96.2	98.2	98.7	99.1	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	67.3	91.7	94.3	96.2	98.2	98.7	99.1	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	67.3	91.7	94.3	96.2	98.2	98.7	99.1	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: NOV 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	53.8	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 20000	59.1	68.2	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
GE 18000	59.3	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 16000	59.3	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 14000	59.3	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 12000	60.2	69.3	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 10000	61.8	72.0	72.1	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 9000	61.8	72.0	72.1	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	62.7	73.2	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 7000	63.4	74.0	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 6000	64.0	74.8	74.9	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 5000	64.4	76.8	77.0	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 4500	65.7	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 4000	66.7	79.4	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 3500	67.3	80.7	81.0	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 3000	68.6	83.6	83.9	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 2500	69.1	85.4	85.9	86.0	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 2000	70.3	87.3	88.0	88.1	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 1800	70.6	87.9	88.6	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
GE 1500	71.4	90.4	91.1	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 1200	71.7	91.6	92.3	92.4	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 1000	71.8	92.9	94.1	94.4	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 900	71.8	93.2	94.8	95.3	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 800	71.8	93.4	95.2	95.9	96.3	96.3	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 700	71.8	93.6	95.4	96.4	97.0	97.0	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	71.8	93.6	95.6	96.8	97.3	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 500	71.8	93.6	95.6	97.0	97.8	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	71.8	93.6	95.6	97.0	98.0	98.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	71.8	93.6	95.6	97.0	98.1	98.4	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	71.8	93.6	95.6	97.0	98.1	98.4	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	71.8	93.6	95.6	97.0	98.1	98.4	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	71.8	93.6	95.6	97.0	98.1	98.4	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	54.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 20000	58.3	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 18000	58.3	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 16000	58.3	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 14000	58.3	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 12000	58.9	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 10000	60.4	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 9000	60.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 8000	61.7	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 7000	62.0	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	71.4
GE 6000	62.6	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 5000	63.4	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	73.6
GE 4500	64.6	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	75.1
GE 4000	65.7	76.7	76.8	76.8	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 3500	66.3	77.9	78.0	78.0	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 3000	67.4	80.7	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 2500	68.8	83.6	83.9	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 2000	70.1	86.0	86.4	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1800	70.7	86.6	87.1	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1500	71.8	88.7	89.2	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1200	72.6	90.8	91.6	91.6	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1000	73.1	92.4	93.2	93.2	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 900	73.2	92.9	93.8	93.8	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 800	73.2	93.2	94.2	94.4	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 700	73.2	93.8	94.9	95.2	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 600	73.2	93.8	95.0	95.6	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 500	73.2	93.8	95.1	95.8	97.4	97.7	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	73.2	93.8	95.2	96.1	98.0	98.2	98.6	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1
GE 300	73.2	93.8	95.2	96.1	98.0	98.2	98.8	99.1	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 200	73.2	93.8	95.2	96.1	98.0	98.2	98.8	99.1	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	73.2	93.8	95.2	96.1	98.0	98.2	98.8	99.1	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	73.2	93.8	95.2	96.1	98.0	98.2	98.8	99.1	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.0	53.7	54.2	54.5	54.7	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.0
GE 20000	49.0	59.9	60.5	60.8	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3
GE 18000	49.0	60.0	60.6	61.0	61.2	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.5
GE 16000	49.0	60.0	60.6	61.0	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5
GE 14000	49.2	60.2	60.8	61.2	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7
GE 12000	49.8	61.2	61.8	62.2	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7
GE 10000	51.7	63.5	64.2	64.6	64.8	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.2
GE 9000	51.7	63.6	64.3	64.7	64.9	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2
GE 8000	52.6	65.1	65.8	66.2	66.4	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7
GE 7000	53.0	65.7	66.4	66.8	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3
GE 6000	53.3	66.1	66.9	67.3	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8
GE 5000	53.9	67.5	68.4	68.8	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3
GE 4500	54.8	69.2	70.1	70.5	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0
GE 4000	55.5	70.6	71.5	72.0	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.6
GE 3500	56.1	72.2	73.2	73.7	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3
GE 3000	57.2	74.7	75.7	76.2	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9
GE 2500	58.3	77.7	78.9	79.4	79.8	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.2
GE 2000	59.5	80.2	81.6	82.2	82.6	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.0
GE 1800	59.9	81.1	82.6	83.2	83.6	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	84.0
GE 1500	60.8	83.7	85.3	85.9	86.4	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.8
GE 1200	61.2	85.6	87.3	88.1	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.1
GE 1000	61.5	87.0	89.2	90.2	90.9	91.0	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.4
GE 900	61.5	87.8	90.1	91.2	92.1	92.3	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.7
GE 800	61.6	88.5	91.0	92.3	93.4	93.6	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.1
GE 700	61.6	88.9	91.6	93.2	94.4	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2
GE 600	61.6	89.2	92.0	93.7	95.2	95.4	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1
GE 500	61.6	89.3	92.3	94.2	96.0	96.4	96.9	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.5
GE 400	61.6	89.3	92.4	94.4	96.4	96.9	97.6	98.0	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.5
GE 300	61.6	89.3	92.4	94.4	96.4	97.0	97.7	98.1	98.3	98.6	98.7	98.7	98.8	98.8	98.9	99.0
GE 200	61.6	89.4	92.4	94.4	96.4	97.0	97.7	98.1	98.4	98.7	98.9	98.9	99.1	99.1	99.2	99.4
GE 100	61.6	89.4	92.4	94.4	96.4	97.0	97.7	98.1	98.4	98.8	98.9	98.9	99.1	99.2	99.4	99.9
GE 0	61.6	89.4	92.4	94.4	96.4	97.0	97.7	98.1	98.4	98.8	98.9	98.9	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	50.5	55.9	56.1	56.5	56.7	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9
GE 20000	53.8	59.7	59.9	60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6
GE 18000	53.9	60.0	60.2	60.5	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0
GE 16000	54.2	60.3	60.5	60.9	61.1	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3
GE 14000	54.4	60.8	61.0	61.3	61.5	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7
GE 12000	55.5	61.8	62.0	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8
GE 10000	56.2	63.7	63.9	64.2	64.4	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6
GE 9000	56.6	64.0	64.3	64.6	64.8	64.9	64.9	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1
GE 8000	57.6	65.4	65.8	66.1	66.3	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6
GE 7000	58.1	65.8	66.2	66.6	66.8	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0
GE 6000	58.9	67.0	67.4	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2
GE 5000	61.1	69.6	70.0	70.5	70.8	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0
GE 4500	62.7	71.4	71.9	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9
GE 4000	63.3	72.0	72.6	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5
GE 3500	64.1	73.1	73.7	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8
GE 3000	64.6	74.3	74.9	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2
GE 2500	64.8	75.4	76.0	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3
GE 2000	65.6	76.7	77.5	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8
GE 1800	65.9	77.1	78.0	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2
GE 1500	66.6	79.9	80.9	81.7	82.0	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3
GE 1200	67.6	81.8	82.9	83.8	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3
GE 1000	68.0	83.7	84.8	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3
GE 900	68.1	84.7	85.9	87.1	87.5	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7
GE 800	68.5	85.9	87.6	89.1	89.7	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
GE 700	68.6	86.8	88.6	90.2	91.4	91.6	91.6	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8
GE 600	68.8	87.1	89.0	90.6	91.9	92.2	92.4	92.4	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7
GE 500	68.8	87.2	89.4	91.4	92.7	93.3	93.5	94.0	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3
GE 400	68.8	87.4	90.0	92.0	93.7	94.6	95.3	96.2	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5
GE 300	68.8	87.4	90.0	92.0	94.1	95.1	96.2	97.2	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8
GE 200	68.8	87.4	90.0	92.0	94.3	95.3	96.8	97.8	98.3	98.5	98.7	98.8	98.8	98.8	98.8	98.8
GE 100	68.8	87.4	90.0	92.0	94.3	95.3	96.9	98.0	98.4	98.6	98.8	98.9	98.9	98.9	99.0	100.0
GE 0	68.8	87.4	90.0	92.0	94.3	95.3	96.9	98.0	98.4	98.6	98.8	98.9	98.9	98.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: DEC 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	49.2	56.0	56.8	57.2	57.2	57.2	57.2	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 20000	51.6	59.8	60.6	61.1	61.1	61.1	61.1	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 18000	51.6	59.8	60.6	61.1	61.1	61.1	61.1	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 16000	51.9	60.1	61.0	61.4	61.4	61.4	61.4	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 14000	51.9	60.2	61.1	61.5	61.5	61.5	61.5	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 12000	52.0	60.4	61.4	61.8	61.8	61.8	61.8	61.9	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 10000	53.2	62.4	63.3	63.8	63.8	63.8	63.8	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 9000	53.4	62.6	63.5	64.0	64.0	64.0	64.0	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 8000	54.3	63.4	64.4	64.8	64.8	64.8	64.8	64.9	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 7000	54.7	64.1	65.1	65.5	65.5	65.5	65.5	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 6000	55.2	64.6	65.6	66.0	66.0	66.0	66.0	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 5000	56.9	66.5	67.6	68.2	68.2	68.2	68.2	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 4500	58.5	68.6	69.8	70.3	70.3	70.3	70.3	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 4000	59.0	69.1	70.3	71.1	71.1	71.1	71.1	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 3500	60.1	70.3	71.5	72.4	72.4	72.4	72.4	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 3000	60.8	71.5	73.0	73.9	73.9	73.9	73.9	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 2500	61.4	72.4	74.0	74.8	74.8	74.8	74.8	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 2000	61.7	73.1	74.8	75.7	75.7	75.7	75.8	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 1800	61.8	73.3	75.1	75.9	75.9	75.9	76.0	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 1500	62.7	75.8	77.6	78.6	78.6	78.6	78.7	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 1200	63.5	78.3	80.2	81.4	81.5	81.5	81.6	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 1000	64.2	80.4	82.5	83.9	84.1	84.1	84.2	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 900	64.3	81.3	83.8	85.5	86.1	86.1	86.2	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 800	64.4	82.5	85.2	87.4	88.4	88.4	88.5	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 700	64.4	83.1	86.0	88.7	89.9	89.9	90.1	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 600	64.5	83.4	86.6	89.5	90.8	90.8	91.2	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 500	64.5	83.5	87.4	90.6	91.9	92.2	92.8	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 400	64.5	83.9	88.2	91.4	92.8	93.1	94.3	94.8	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5
GE 300	64.5	83.9	88.3	91.6	93.3	93.8	95.2	95.8	96.6	97.3	97.4	97.4	97.5	97.5	97.5	97.7
GE 200	64.5	83.9	88.3	91.6	93.3	93.8	95.3	95.9	96.7	97.7	98.1	98.1	98.2	98.2	98.2	98.8
GE 100	64.5	83.9	88.3	91.6	93.3	93.8	95.3	95.9	96.7	97.7	98.1	98.1	98.3	98.4	98.6	99.6
GE 0	64.5	83.9	88.3	91.6	93.3	93.8	95.3	95.9	96.7	97.7	98.1	98.1	98.3	98.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 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 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	40.1	51.1	52.0	52.9	53.0	53.1	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 20000	43.4	55.7	56.8	57.7	57.8	58.0	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 18000	43.4	55.7	56.8	57.7	57.8	58.0	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 16000	43.4	55.7	56.8	57.7	57.8	58.0	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 14000	43.8	56.5	57.5	58.6	58.7	58.8	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 12000	43.9	56.7	57.8	58.9	59.0	59.1	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5
GE 10000	44.6	58.0	59.1	60.2	60.3	60.4	60.6	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 9000	44.9	58.4	59.6	60.6	60.8	60.9	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 8000	45.5	59.1	60.3	61.4	61.5	61.6	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 7000	45.9	59.9	61.1	62.2	62.3	62.4	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 6000	46.6	61.2	62.4	63.4	63.5	63.7	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 5000	48.1	63.0	64.4	65.6	65.8	65.9	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 4500	49.5	64.8	66.2	67.4	67.6	67.7	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 4000	49.8	65.5	66.9	68.1	68.3	68.4	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 3500	50.3	66.6	68.0	69.5	69.8	69.9	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 3000	51.4	68.4	69.8	71.3	71.6	71.7	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 2500	52.0	70.0	71.5	73.4	73.8	73.9	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 2000	52.8	71.7	73.5	75.5	75.8	75.9	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 1800	52.9	72.2	74.0	75.9	76.2	76.3	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 1500	53.5	74.3	76.2	78.3	78.6	78.7	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 1200	54.2	75.9	78.1	80.3	80.6	80.8	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1000	54.7	78.0	80.3	83.2	83.5	83.7	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 900	54.8	78.8	81.2	84.3	84.8	85.1	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 800	54.9	79.2	82.0	85.4	85.9	86.2	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 700	54.9	79.7	82.9	86.7	87.6	88.2	88.8	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 600	54.9	80.0	83.5	87.4	88.5	89.1	90.0	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 500	54.9	80.8	84.5	88.9	90.3	91.2	92.2	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 400	54.9	80.8	84.7	89.1	90.8	91.8	93.1	94.0	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.7
GE 300	54.9	80.8	84.7	89.1	91.1	92.2	93.8	95.1	95.8	96.7	97.2	97.2	97.2	97.4	97.5	97.5	97.6
GE 200	54.9	80.8	84.8	89.2	91.2	92.3	94.0	95.3	96.0	97.1	97.8	97.8	98.1	98.3	98.4	98.6	98.6
GE 100	54.9	80.8	84.8	89.2	91.2	92.3	94.0	95.4	96.1	97.2	98.0	98.0	98.2	98.4	98.6	98.6	99.8
GE 0	54.9	80.8	84.8	89.2	91.2	92.3	94.0	95.4	96.1	97.2	98.0	98.0	98.2	98.4	98.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.5	48.3	49.2	49.8	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 20000	35.9	54.9	56.1	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 18000	36.3	55.7	56.9	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 16000	36.5	55.8	57.0	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 14000	37.3	57.0	58.2	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 12000	37.6	57.3	58.5	59.1	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 10000	38.0	58.4	59.6	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 9000	38.0	58.4	59.6	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 8000	38.5	59.5	60.6	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 7000	38.5	60.1	61.4	62.0	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 6000	38.9	61.2	62.7	63.3	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 5000	40.9	63.2	64.7	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 4500	41.7	64.4	65.9	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 4000	42.3	65.2	66.7	67.3	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 3500	42.8	66.2	67.8	68.5	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 3000	43.5	67.5	69.1	69.8	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 2500	44.1	68.6	70.2	70.9	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 2000	45.1	70.9	72.5	73.4	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 1800	45.1	71.5	73.1	74.1	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 1500	45.7	74.0	75.7	76.7	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 1200	45.9	77.3	79.6	81.1	82.0	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 1000	46.0	78.8	81.6	83.7	84.9	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 900	46.1	79.5	82.6	84.8	86.7	87.0	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 800	46.1	80.0	83.1	86.1	88.1	88.4	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 700	46.1	80.4	83.8	86.9	89.4	90.0	90.6	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 600	46.1	80.6	84.2	87.4	90.0	90.8	91.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 500	46.1	80.8	84.6	87.8	90.8	91.5	92.8	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 400	46.1	80.8	84.6	88.2	91.3	92.2	94.0	95.6	95.8	96.7	96.9	96.9	97.0	97.0	97.0	97.0
GE 300	46.1	80.8	84.6	88.2	91.3	92.2	94.5	96.5	97.0	98.2	98.6	98.6	98.9	99.0	99.0	99.1
GE 200	46.1	80.8	84.6	88.2	91.3	92.2	94.5	96.5	97.0	98.2	98.7	98.7	99.4	99.5	99.5	99.8
GE 100	46.1	80.8	84.6	88.2	91.3	92.2	94.5	96.5	97.0	98.2	98.7	98.7	99.4	99.5	99.5	100.0
GE 0	46.1	80.8	84.6	88.2	91.3	92.2	94.5	96.5	97.0	98.2	98.7	98.7	99.4	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	41.8	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 20000	47.6	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 18000	48.2	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 16000	48.3	61.3	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 14000	48.9	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 12000	49.6	63.1	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 10000	50.5	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 9000	50.6	65.6	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 8000	52.0	67.3	67.6	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 7000	52.8	68.9	69.2	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 6000	53.1	69.8	70.1	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
GE 5000	54.6	71.3	71.8	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4500	54.8	71.9	72.5	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4000	55.4	72.5	73.0	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
GE 3500	55.5	73.2	73.8	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 3000	56.5	74.5	75.3	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
GE 2500	57.5	76.6	77.6	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 2000	58.7	79.0	80.1	80.4	80.6	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1800	58.7	79.5	80.5	80.9	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 1500	59.1	81.9	83.7	84.0	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 1200	59.7	84.2	86.7	87.5	88.1	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1000	59.7	85.6	88.3	89.5	90.3	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 900	59.7	86.1	89.0	90.2	91.2	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 800	59.7	86.2	89.2	90.8	92.3	92.9	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 700	59.7	86.7	89.9	91.4	93.4	94.5	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 600	59.7	86.7	90.2	91.8	94.1	95.2	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 500	59.7	86.7	90.3	91.9	94.5	95.6	96.6	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 400	59.7	86.7	90.5	92.2	94.9	96.1	97.4	98.5	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	59.7	86.7	90.5	92.2	94.9	96.1	97.5	98.6	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	59.7	86.7	90.5	92.2	94.9	96.1	97.5	98.6	98.8	99.5	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	59.7	86.7	90.5	92.2	94.9	96.1	97.5	98.6	98.8	99.5	99.9	99.9	99.9	100.0	100.0	100.0
GE 0	59.7	86.7	90.5	92.2	94.9	96.1	97.5	98.6	98.8	99.5	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	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	46.7	52.8	52.8	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2
GE 20000	53.9	62.2	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6
GE 18000	54.3	62.6	62.6	62.8	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 16000	54.4	62.7	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 14000	55.1	63.3	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 12000	55.7	64.3	64.4	64.6	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 10000	57.7	67.6	67.8	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 9000	57.8	68.0	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 8000	59.5	70.0	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 7000	60.6	71.3	71.6	71.8	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 6000	61.2	72.4	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 5000	61.6	73.0	73.3	73.5	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4500	62.4	75.2	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 4000	62.6	75.9	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 3500	63.4	77.1	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3000	64.4	78.5	79.1	79.4	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 2500	65.1	80.6	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2000	65.6	82.0	82.7	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1800	65.9	82.7	83.3	83.8	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1500	66.3	85.8	86.6	87.1	87.3	87.4	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1200	66.5	88.1	89.0	89.7	90.1	90.2	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1000	66.5	88.9	90.3	91.4	92.2	92.5	92.9	93.0	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2
GE 900	66.5	89.0	90.6	91.9	92.7	93.0	93.5	93.7	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9
GE 800	66.5	89.6	91.2	92.5	93.3	93.7	94.4	94.5	94.5	94.6	94.6	94.6	94.7	94.8	94.8	94.8
GE 700	66.5	89.8	91.4	93.0	94.4	94.7	95.5	95.6	95.6	95.7	95.7	95.7	95.8	95.9	95.9	95.9
GE 600	66.5	89.9	91.8	93.4	94.8	95.2	95.9	96.0	96.3	96.5	96.5	96.5	96.6	96.7	96.7	96.7
GE 500	66.5	89.9	91.9	93.5	95.1	95.5	96.5	96.8	97.2	97.3	97.3	97.3	97.4	97.5	97.5	97.5
GE 400	66.5	89.9	91.9	93.7	95.8	96.3	97.4	98.3	98.8	99.1	99.4	99.4	99.5	99.6	99.6	99.6
GE 300	66.5	89.9	91.9	93.7	95.8	96.3	97.4	98.3	98.9	99.4	99.6	99.6	99.8	99.9	99.9	99.9
GE 200	66.5	89.9	91.9	93.7	95.8	96.3	97.4	98.4	99.0	99.5	99.7	99.7	99.9	100.0	100.0	100.0
GE 100	66.5	89.9	91.9	93.7	95.8	96.3	97.4	98.4	99.0	99.5	99.7	99.7	99.9	100.0	100.0	100.0
GE 01	66.5	89.9	91.9	93.7	95.8	96.3	97.4	98.4	99.0	99.5	99.7	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(1ST): 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	GE 0
NO CEIL	47.7	54.2	54.6	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 20000	52.9	61.0	61.4	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 18000	53.1	61.2	61.6	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 16000	53.4	61.5	61.9	62.2	62.2	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 14000	53.9	61.9	62.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 12000	54.9	63.1	63.5	63.8	63.8	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 10000	57.1	65.6	66.0	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 9000	57.4	66.2	66.7	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 8000	58.4	68.7	69.1	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 7000	58.7	69.5	69.9	70.2	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
GE 6000	59.4	70.3	70.8	71.1	71.1	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 5000	59.8	71.5	71.9	72.3	72.3	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 4500	61.3	73.7	74.2	74.5	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
GE 4000	61.8	74.8	75.4	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 3500	63.1	76.7	77.2	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 3000	64.1	78.5	79.1	79.6	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
GE 2500	65.1	80.1	80.8	81.2	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
GE 2000	65.4	81.8	82.7	83.3	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 1800	66.1	83.3	84.3	85.1	85.3	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 1500	66.6	85.7	86.8	87.7	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 1200	66.8	87.0	88.2	89.1	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
GE 1000	66.8	87.7	89.5	90.4	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
GE 900	66.9	88.2	90.4	91.4	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 800	66.9	88.7	91.1	92.4	93.2	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
GE 700	66.9	88.9	91.3	93.2	94.3	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9
GE 600	66.9	89.0	91.4	93.8	95.1	95.5	95.5	95.5	95.7	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 500	66.9	89.0	91.4	93.8	95.4	96.1	96.1	96.3	96.5	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 400	66.9	89.0	91.4	94.0	95.7	96.7	96.7	97.2	97.5	97.7	98.1	98.2	98.2	98.4	98.4	98.4	98.4
GE 300	66.9	89.0	91.4	94.0	96.2	97.2	97.2	97.7	98.2	98.5	98.8	98.9	98.9	99.1	99.1	99.1	99.1
GE 200	66.9	89.0	91.4	94.0	96.2	97.2	97.2	97.7	98.2	98.5	98.8	99.1	99.2	99.5	99.5	99.5	99.5
GE 100	66.9	89.0	91.4	94.0	96.2	97.2	97.2	97.7	98.2	98.5	98.8	99.1	99.2	99.6	99.6	99.7	99.9
GE 0	66.9	89.0	91.4	94.0	96.2	97.2	97.7	98.2	98.5	98.8	99.1	99.2	99.6	99.6	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: DEC 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	48.2	54.6	54.8	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
GE 20000	52.2	59.5	59.7	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 18000	52.5	59.9	60.1	60.5	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 16000	52.5	59.9	60.1	60.5	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 14000	52.8	60.3	60.5	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 12000	53.4	61.4	61.6	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
GE 10000	55.5	64.4	64.6	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 9000	55.6	64.8	65.1	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 8000	57.1	67.2	67.4	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 7000	57.7	68.1	68.3	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 6000	58.3	69.2	69.5	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 5000	59.0	70.4	70.6	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
GE 4500	60.6	72.6	72.8	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 4000	60.9	73.4	73.7	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
GE 3500	62.2	75.1	75.3	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	76.1
GE 3000	63.7	77.1	77.3	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
GE 2500	64.3	78.2	78.5	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
GE 2000	65.3	79.9	80.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 1800	65.6	81.1	81.6	82.6	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 1500	66.3	83.5	84.1	85.1	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 1200	67.1	85.2	85.8	86.9	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 1000	67.3	87.3	88.4	89.6	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 900	67.3	87.5	88.6	89.9	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 800	67.5	88.3	89.5	91.0	91.3	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 700	67.5	88.4	89.8	91.5	92.5	92.7	92.9	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 600	67.5	88.7	90.2	91.9	93.1	93.4	93.8	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 500	67.5	88.8	90.4	92.4	94.1	94.6	95.4	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 400	67.5	88.9	91.1	93.1	95.2	95.8	96.8	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 300	67.5	88.9	91.1	93.1	95.3	96.0	97.2	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 200	67.5	88.9	91.1	93.1	95.3	96.0	97.3	98.2	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 100	67.5	88.9	91.1	93.1	95.3	96.0	97.3	98.2	98.3	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.7
GE 0	67.5	88.9	91.1	93.1	95.3	96.0	97.3	98.2	98.3	98.7	98.9	99.0	99.0	99.0	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	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	44.6	53.1	53.5	53.9	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 20000	48.9	59.2	59.7	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 18000	49.2	59.5	60.0	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7
GE 16000	49.3	59.7	60.2	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 14000	49.8	60.3	60.8	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5
GE 12000	50.3	61.0	61.6	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3
GE 10000	51.6	63.2	63.8	64.2	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 9000	51.8	63.5	64.1	64.5	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8
GE 8000	52.9	65.1	65.7	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 7000	53.4	66.0	66.6	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 6000	53.9	67.0	67.6	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4
GE 5000	55.2	68.6	69.3	69.8	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 4500	56.4	70.3	71.1	71.6	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4000	56.9	71.1	71.8	72.4	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 3500	57.7	72.3	73.1	73.8	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 3000	58.6	73.8	74.7	75.4	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 2500	59.3	75.2	76.2	77.0	77.2	77.2	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4
GE 2000	60.0	76.9	78.0	78.9	79.1	79.2	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 1800	60.3	77.6	78.7	79.6	79.9	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 1500	60.9	80.1	81.4	82.4	82.7	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 1200	61.4	82.2	83.8	85.0	85.4	85.5	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
GE 1000	61.6	83.8	85.7	87.2	87.7	87.9	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
GE 900	61.7	84.4	86.5	88.1	88.9	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5
GE 800	61.8	85.1	87.4	89.3	90.3	90.5	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 700	61.8	85.5	88.0	90.2	91.6	92.0	92.5	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
GE 600	61.9	85.7	88.4	90.7	92.3	92.8	93.3	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 500	61.9	85.8	88.8	91.3	93.1	93.8	94.5	95.0	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3
GE 400	61.9	85.9	89.1	91.7	93.8	94.6	95.7	96.5	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.3
GE 300	61.9	85.9	89.1	91.7	94.0	94.9	96.2	97.2	97.6	98.2	98.5	98.5	98.6	98.6	98.6	98.7
GE 200	61.9	85.9	89.1	91.7	94.0	94.9	96.3	97.4	97.8	98.5	98.9	98.9	99.1	99.2	99.2	99.4
GE 100	61.9	85.9	89.1	91.7	94.0	94.9	96.3	97.4	97.8	98.5	98.9	98.9	99.2	99.2	99.3	99.9
GE 0	61.9	85.9	89.1	91.7	94.0	94.9	96.3	97.4	97.8	98.5	98.9	98.9	99.2	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(1ST): ALL

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	47.0	59.7	60.4	60.7	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 20000	51.7	66.9	67.7	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3
GE 18000	51.9	67.2	67.9	68.2	68.4	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
GE 16000	51.9	67.3	68.0	68.3	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 14000	52.2	67.7	68.5	68.8	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 12000	53.2	69.0	69.9	70.2	70.4	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 10000	55.0	72.2	73.0	73.4	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 9000	55.1	72.3	73.2	73.6	73.8	73.8	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 8000	56.3	74.5	75.4	75.8	76.0	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 7000	56.7	75.2	76.1	76.5	76.8	76.8	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	57.0	75.8	76.8	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6
GE 5000	57.8	77.3	78.3	78.8	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 4500	58.3	78.4	79.5	80.0	80.2	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
GE 4000	58.8	79.5	80.7	81.2	81.5	81.5	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	59.3	80.6	81.8	82.3	82.6	82.6	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3000	60.0	82.3	83.5	84.1	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7
GE 2500	60.5	84.0	85.3	86.0	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6
GE 2000	61.1	85.7	87.2	87.9	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6
GE 1800	61.3	86.3	87.8	88.5	88.9	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1500	61.9	88.2	89.9	90.8	91.2	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6
GE 1200	62.2	89.4	91.4	92.3	92.9	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1000	62.3	90.2	92.4	93.5	94.1	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6
GE 900	62.4	90.6	92.9	94.0	94.8	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
GE 800	62.4	90.9	93.4	94.7	95.5	95.7	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2
GE 700	62.4	91.2	93.8	95.2	96.3	96.5	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1
GE 600	62.4	91.3	94.0	95.5	96.6	96.9	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
GE 500	62.4	91.4	94.1	95.7	97.0	97.3	97.8	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	62.4	91.4	94.2	95.9	97.3	97.6	98.2	98.6	98.7	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
GE 300	62.4	91.4	94.2	95.9	97.3	97.7	98.3	98.7	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.5
GE 200	62.4	91.4	94.2	95.9	97.3	97.7	98.4	98.8	99.0	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.8
GE 100	62.4	91.4	94.2	95.9	97.3	97.7	98.4	98.8	99.0	99.4	99.5	99.5	99.6	99.7	99.7	99.8	100.0	
GE 0	62.4	91.4	94.2	95.9	97.3	97.7	98.4	98.8	99.0	99.4	99.5	99.5	99.6	99.7	99.7	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 87642

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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
00-02	34.5			19.6						12.7	33.2	5.1
03-05	31.3			20.5						11.8	36.4	5.3
06-08	19.5			25.3						18.2	37.1	6.1
09-11	14.0			23.4						22.3	40.2	6.7
12-14	14.2			25.7						21.4	38.7	6.6
15-17	13.1			28.2						24.3	34.3	6.5
18-20	20.6			28.8						17.7	33.0	5.8
21-23	31.9			21.5						12.8	33.8	5.2
TOTALS	22.4			24.1						17.7	35.8	5.9

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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
00-02	28.3			21.6						14.5	35.7	5.5
03-05	25.7			21.0						13.7	39.6	5.8
06-08	16.1			22.5						21.2	40.1	6.6
09-11	12.4			24.9						23.6	39.2	6.8
12-14	12.5			27.5						22.1	37.8	6.6
15-17	11.0			32.9						19.9	36.3	6.4
18-20	13.9			32.8						18.4	35.0	6.1
21-23	31.2			19.9						12.9	36.0	5.4
TOTALS	18.9			25.4						18.3	37.5	6.2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

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	29.8			23.7						20.2	26.3	5.2	930
03-05	26.6			23.0						19.0	31.4	5.5	930
06-08	16.2			27.9						22.8	33.1	6.2	928
09-11	15.2			27.1						23.5	34.2	6.4	930
12-14	14.1			30.2						25.7	30.0	6.2	930
15-17	10.1			34.9						26.5	28.5	6.3	929
18-20	15.9			30.0						27.3	26.7	6.0	916
21-23	30.0			26.3						18.7	25.0	5.0	927
TOTALS	19.7			27.9						23.0	29.4	5.9	7420

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

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	37.1			23.4						18.6	20.8	4.5	897
03-05	33.6			20.6						18.7	27.1	5.0	897
06-08	16.7			29.5						23.9	29.9	6.0	899
09-11	16.4			25.8						30.1	27.7	6.3	900
12-14	13.8			34.1						28.8	23.3	5.9	900
15-17	13.4			37.1						29.2	20.3	5.8	895
18-20	17.7			36.8						25.4	20.1	5.4	894
21-23	35.2			27.0						18.3	19.5	4.4	894
TOTALS	23.0			29.3						24.1	23.6	5.4	7176

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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	28.9			24.3						18.2	28.6	5.2	930
03-05	21.7			26.7						18.9	32.6	5.8	929
06-08	9.4			30.7						31.4	28.6	6.6	928
09-11	11.3			29.0						35.2	24.5	6.5	928
12-14	8.2			37.2						30.0	24.6	6.3	930
15-17	8.9			40.8						28.8	21.5	6.0	930
18-20	11.3			42.3						25.2	21.1	5.7	928
21-23	29.0			27.8						19.4	23.8	5.0	926
TOTALS	16.1			32.4						25.9	25.7	5.9	7429

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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	41.0			25.6						15.9	17.6	4.0	900
03-05	29.9			27.6						23.3	19.2	4.8	900
06-08	12.2			35.2						33.8	18.8	6.0	900
09-11	11.1			36.9						36.3	15.7	5.9	900
12-14	6.4			48.6						34.0	11.0	5.6	900
15-17	7.1			54.7						30.7	7.6	5.2	900
18-20	12.6			53.4						25.7	8.3	4.7	900
21-23	34.1			35.8						17.4	12.7	3.9	900
TOTALS	19.3			39.7						27.1	13.9	5.0	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

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	50.2			29.6						14.0	6.3	2.0	923
03-05	43.3			31.0						16.5	8.4	3.3	917
06-08	23.0			43.9						24.2	9.0	4.4	923
09-11	26.2			44.2						21.6	8.1	4.1	928
12-14	8.7			62.2						21.9	7.2	4.6	930
15-17	8.2			61.0						25.2	5.7	4.7	930
18-20	15.1			57.2						23.3	4.4	4.3	927
21-23	43.9			37.7						14.5	3.9	2.0	921
TOTALS	27.3			46.0						20.2	6.6	3.9	7399

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

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	44.4			33.4						14.6	7.5	3.1	930
03-05	30.0			35.6						16.0	8.0	3.5	930
06-08	17.3			45.9						28.2	8.6	4.8	930
09-11	15.4			47.4						27.0	10.2	4.9	930
12-14	3.5			55.3						32.3	8.9	5.5	930
15-17	2.7			60.8						29.1	7.4	5.2	930
18-20	9.9			57.4						25.7	7.0	4.7	930
21-23	39.9			37.3						15.7	7.1	3.2	930
TOTALS	21.5			46.6						23.7	8.2	4.4	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: SEP

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL
(LST)													OBS
00-02	41.7			31.4						12.9	14.0	3.5	899
03-05	38.7			30.6						15.2	15.5	3.8	899
06-08	14.5			45.4						24.9	15.1	5.1	898
09-11	15.8			39.9						28.7	15.6	5.3	898
12-14	8.4			50.9						26.9	13.8	5.3	900
15-17	9.4			48.3						31.4	10.8	5.4	900
18-20	18.9			46.6						24.2	10.3	4.6	900
21-23	38.9			33.7						14.4	13.0	3.6	900
TOTALS	23.3			40.9						22.3	13.5	4.6	7194

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: OCT

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL
(LST)													OBS
00-02	37.6			24.7						17.3	20.5	4.3	929
03-05	34.1			23.5						20.1	22.3	4.7	922
06-08	14.3			34.8						27.4	23.5	5.9	923
09-11	13.7			34.5						25.2	26.7	6.0	930
12-14	14.4			34.9						29.8	20.9	5.8	930
15-17	13.3			39.1						29.4	18.2	5.6	930
18-20	20.8			40.5						21.0	17.8	4.9	929
21-23	34.7			11.2						16.6	17.5	4.2	930
TOTALS	22.9			32.9						23.4	20.9	5.2	7423

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

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	32.3			22.1						18.5	27.1	5.0	899
03-05	31.2			22.4						16.0	30.3	5.1	893
06-08	19.5			25.3						21.3	33.9	6.1	892
09-11	15.6			26.9						24.9	32.5	6.3	898
12-14	14.6			28.2						27.9	29.3	6.3	900
15-17	12.9			34.2						27.1	25.8	6.0	900
18-20	24.5			30.9						20.0	24.6	5.2	899
21-23	33.2			24.7						16.3	25.8	4.8	900
TOTALS	23.0			26.8						21.5	28.7	5.6	7181

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

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	34.7			19.1						13.3	32.9	5.1	927
03-05	35.7			19.0						11.5	33.8	5.0	927
06-08	22.4			26.2						17.8	33.6	5.7	928
09-11	15.3			27.2						22.8	34.7	6.3	930
12-14	14.8			28.2						25.5	31.5	6.3	930
15-17	12.3			32.7						23.0	32.0	6.3	929
18-20	21.5			28.7						18.6	31.1	5.6	929
21-23	33.3			19.0						15.4	32.3	5.2	930
TOTALS	23.8			25.0						18.5	32.7	5.7	7430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-87
MONTH: ALL

		PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	TOTAL OBS
HOURS (LST)		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	22.4			24.1						17.7	35.8	5.9	7430
FEB		18.9			25.4						18.3	37.5	6.2	6756
MAR		19.7			27.9						23.0	29.4	5.9	7420
APR		23.0			29.3						24.1	23.6	5.4	7176
MAY		16.1			32.4						25.9	25.7	5.9	7429
JUN		19.3			39.7						27.1	13.9	5.0	7200
JUL		27.3			46.0						20.2	6.6	3.9	7399
AUG		21.5			46.6						23.7	8.2	4.4	7440
SEP		23.3			40.9						22.3	13.5	4.6	7194
OCT		22.9			32.9						23.4	20.9	5.2	7423
NOV		23.0			26.8						21.5	28.7	5.6	7181
DEC		23.8			25.0						18.5	32.7	5.7	7430
TOTALS		21.8			33.1						22.1	23.0	5.3	87478

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TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

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

DATA DERIVED FROM SUMMARY OF DAY DATA.

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

THE MINIMUM TABLE ALSO INCLUDES A 33 FAHRENHEIT DEGREE INCREMENT.

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

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

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

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM SUMMARY OF DAY DATA.

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

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

AN ASTERISK INDICATES AN INCOMPLETE MONTH.

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

DATA DERIVED FROM HOURLY OBSERVATIONS.

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

PRESENTED ARE MEANS, STANDARD DEVIATION AND OBSERVATION COUNTS.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY

DATA DERIVED FROM HOURLY OBSERVATIONS.

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

PERCENTAGE VALUES PRESENTED IN 10 DEGREE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595

STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 42-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 110						.1		.1					.0
GE 105						.6	2.2	3.5	.6	.1			.6
GE 100					.3	5.2	23.5	26.0	3.5				4.9
GE 95			.3	.6	3.2	27.7	61.5	60.3	21.9	.9			14.7
GE 90			1.0	3.6	16.5	64.3	86.7	85.7	48.7	8.6		.1	26.3
GE 85	.4	1.2	4.6	15.5	45.2	87.3	95.6	96.8	68.9	25.3	2.7	.4	37.1
GE 80	1.5	4.9	13.3	38.1	71.4	95.8	98.9	99.0	84.8	48.0	10.3	2.3	47.5
GE 75	6.2	13.4	28.4	59.7	87.8	98.9	99.9	99.8	94.0	67.8	24.8	6.4	57.4
GE 70	15.7	25.3	44.7	77.5	95.5	99.6	100.0	100.0	97.7	84.2	41.0	18.4	66.8
GE 65	26.5	37.6	62.4	90.1	98.7	100.0			99.0	91.6	59.0	32.5	74.9
GE 60	40.1	52.0	75.8	95.7	99.5				99.8	96.3	72.6	47.6	81.7
GE 55	52.8	65.4	86.2	98.9	99.9				100.0	98.7	83.1	62.4	87.3
GE 50	65.5	76.9	92.3	99.8	100.0					99.8	91.6	76.5	91.9
GE 45	75.1	85.9	96.0	99.9						100.0	96.7	86.0	95.0
GE 40	83.1	93.1	98.8	100.0							99.1	93.3	97.3
GE 35	90.6	97.2	99.8								99.7	97.2	98.7
GE 30	96.0	99.4	99.9								100.0	98.9	99.5
GE 25	98.8	99.8	100.0									99.6	99.8
GE 20	99.8	99.9										99.7	99.9
GE 15	100.0	100.0										99.9	100.0
GE 10												100.0	100.0
MEAN	54.5	59.6	67.1	76.0	82.8	90.9	95.4	95.5	87.8	78.0	66.0	58.1	76.0
SD	13.922	12.860	11.435	8.591	7.112	5.990	5.462	5.660	8.026	8.966	11.037	11.886	17.121
TOTAL OBS	1364	1243	1364	1319	1364	1320	1364	1333	1320	1364	1316	1364	16035

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595

STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 42-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 90							.1						.0
GE 85							.4						.0
GE 80						1.6	9.4	11.9	1.0				2.0
GE 75				.3	1.5	30.8	64.4	55.1	16.4	.7			14.2
GE 70			.2	2.7	19.2	71.7	94.8	91.5	48.5	7.3	.6		28.1
GE 65		.1	2.1	14.9	49.9	92.4	99.4	99.0	72.6	20.6	3.6	.5	38.0
GE 60	1.5	1.4	8.7	36.0	76.8	98.2	100.0	100.0	88.7	42.5	8.8	2.4	47.2
GE 55	3.6	6.1	20.3	57.1	90.5	100.0			96.2	63.1	18.7	5.4	55.2
GE 50	9.1	14.9	36.6	76.7	98.0				99.5	82.0	33.1	11.1	63.6
GE 45	15.8	27.3	56.7	90.1	99.9				99.9	94.8	53.8	22.0	71.8
GE 40	29.8	47.1	75.4	97.0	100.0				100.0	98.8	73.4	41.9	80.4
GE 35	48.5	68.1	89.1	99.5						99.9	89.3	65.5	88.3
GE 30	58.2	75.2	91.7	99.8						100.0	92.8	73.6	91.0
GE 25	71.4	85.0	96.2	100.0							97.0	84.3	94.5
GE 20	85.0	94.8	98.7								99.2	93.8	97.6
GE 15	92.5	98.3	99.5								99.8	97.9	99.0
GE 10	96.7	99.4	99.9								100.0	99.1	99.6
GE 5	99.3	99.8	100.0									99.7	99.9
GE 0	99.9	100.0										100.0	100.0
MEAN	34.6	39.1	46.1	55.7	63.7	71.7	75.4	74.9	68.1	57.4	45.8	38.1	55.9
SD	10.408	9.445	9.582	8.180	6.319	4.688	3.514	3.890	6.661	8.222	9.473	9.404	16.307
TOTAL OBS	1364	1243	1364	1319	1364	1320	1364	1333	1320	1364	1316	1364	16035

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

STATION NUMBER: 722595

STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 42-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 95]						.2	.7	.2					.1
GE 90]						3.0	16.6	19.9	1.5				3.4
GE 85]					1.5	29.2	64.2	59.0	17.8				14.4
GE 80]			.4	1.8	15.5	68.6	91.2	90.5	46.7	5.6			26.8
GE 75]		.1	2.3	12.9	47.8	90.8	99.0	98.8	70.9	21.7	1.9	.2	37.3
GE 70]	.4	1.2	8.7	36.5	75.8	98.0	100.0	99.8	89.6	43.4	8.9	1.5	47.1
GE 65]	3.9	8.3	23.0	60.4	91.2	99.6		100.0	96.4	68.5	19.7	4.9	56.5
GE 60]	9.8	18.5	40.2	80.3	97.9	100.0			99.0	86.0	36.7	11.5	65.1
GE 55]	19.9	32.7	61.1	91.4	99.6				99.8	94.5	56.8	26.8	73.7
GE 50]	35.7	51.6	77.9	98.5	100.0				100.0	98.9	74.8	44.4	81.9
GE 45]	52.5	68.5	89.2	99.8						99.8	88.8	65.9	88.7
GE 40]	68.9	83.3	95.5							100.0	96.1	62.4	93.9
GE 35]	81.5	91.6	97.9	100.0							99.0	92.5	96.9
GE 30]	89.7	97.5	99.6								99.8	97.1	98.6
GE 25]	95.4	99.3	99.9								100.0	98.5	99.4
GE 20]	98.5	99.8										99.7	99.8
GE 15]	99.7	100.0	100.0									99.8	100.0
GE 10]	100.0											100.0	100.0
MEAN	44.7	49.5	56.8	66.0	73.5	81.5	85.6	85.4	78.1	67.9	56.1	48.3	66.1
SD	11.322	10.325	9.741	7.567	6.107	4.959	4.156	4.407	6.765	7.764	9.416	9.774	16.339
TOTAL OBS	1364	1243	1364	1319	1364	1320	1364	1333	1320	1364	1316	1364	16035

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 42-87

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
42											*83	75	
43	88	85	86	91	96	102	105	106	97	88	87	75	106
44	73	78	85	*86	95	100	106	105	98	90	84	70	106
45	76	81	84	88	94	97	100	106	102	86			
46									98	87	84	78	
47	78	79	81	93	100	98	103	106	102	94	79	79	106
48	73	83	84	96	93	104	101	106	99	92	88	82	106
49	79	73	77	89	97	96	103	103	98	88	86	77	103
50	82	84	88	94	95	98	96	100	94	92	87	85	100
51	85	84	89	94	99	98	107	110	107	105	86	91	110
52	85	80	92	88	96	103	105	108	106	95	87	80	108
53	84	81	81	89	97	106	103	106	105	94	76	74	106
54	74	88	93	91	95	100	109	105	103	96	81	83	109
55	74	74	93	96	96	96	104	105	96	91	89	91	105
56	79	88	95	89	96	102	108	106	100	98	81	79	108
57	79	86	78	83	94	100	106	103	99	90	79	73	106
58	67	75	71	92	100	99	102	104	98	94	80	82	104
59	77	87	89	90	97	102	97	103	99	89	80	75	103
60	77	86	86	96	95	104	104	101	98	90	88	72	104
61	75	81	84	88	92	95	93	100	99	87	82	73	100
62	74	85	81	85	95	95	102	103	95	92	84	73	103
63	77	88	87	99	95	99	104	102	101	94	87	71	104
64	77	71	78	89	92	96	106	107	98	88	80	81	107
65	74	74	75	86	90	95	100	100	102	92	87	77	102
66	70	73	88	90	99	96	102	105	95	94	86	82	105
67	80	78	95	90	100	100	107	104	92	90	81	76	107
68	75	71	81	88	92	97	98	103	99	92	82	73	103
69	88	84	86	84	94	104	103	106	94	93	86	74	106
70	84	81	85	86	89	100	104	105	97	87	80	82	105
71	78	82	93	89	91	99	102	95	98	88	81	74	102

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

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 42-87

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
72	79	83	87	96	91	107	99	102	97	93	76	74	107
73	74	79	79	83	96	95	98	101	95	87	84	82	101
74	79	80	95	88	96	95	106	100	91	83	80	76	106
75	82	77	84	90	91	94	98	97	99	95	88	80	99
76	79	85	85	84	89	97	97	103	96	90	79	75	103
77	70	82	84	86	92	99	107	103	105	99	84	87	107
78	81	75	83	89	98	101	106	103	99	93	87	81	106
79	68	82	82	85	86	100	100	94	95	98	79	86	100
80	75	85	85	92	95	110	105	105	101	86	86	81	110
81	77	81	85	90	91	95	101	101	92	91	85	83	101
82	79	84	87	90	94	95	100	104	101	93	86	83	104
83	74	69	85	88	87	93	98	101	93	93	84	71	101
84	75	77	83	90	94	100	103	104	98	87	82	75	104
85	69	73	88	84	101	97	100	103	103	86	80	76	103
86	84	88	81	86	90	97	105	102	93	93	81	64	105
87	75	79	79	95	91	95	99						
MEAN	77.3	80.4	84.9	89.5	94.2	98.9	102.3	103.2	98.3	91.4	83.2	76.1	104.5
S.D.	4.983	5.169	5.385	3.906	3.530	3.768	3.620	3.147	3.809	4.162	3.477	5.551	2.758
TOTAL OBS	1364	1243	1364	1319	1364	1320	1364	1333	1320	1364	1316	1364	16035

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 42-87

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

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

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 42-87

YEAR	WHOLE DEGREES FAHRENHEIT -M-O-N-T-H-S-												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
72	13	19	31	39	52	56	61	67	50	44	30	19	13
73	7	22	37	33	47	62	73	68	57	39	38	20	7
74	14	25	27	38	51	58	71	67	50	44	27	22	14
75	19	21	29	32	52	57	69	71	50	45	27	23	19
76	12	24	34	40	52	63	69	69	56	38	17	14	12
77	13	26	35	45	56	67	74	72	62	39	35	23	13
78	16	13	22	47	45	60	74	68	62	47	37	24	13
79	15	17	32	42	46	58	71	63	55	46	23	17	15
80	26	19	17	39	52	70	71	72	58	33	30	22	17
81	26	14	36	43	48	60	72	65	49	38	37	23	14
82	10	17	32	40	50	57	71	74	51	40	30	24	10
83	27	27	32	37	50	56	66	71	49	48	32	6	6
84	11	23	32	37	47	63	69	68	43	44	33	31	11
85	11	10	37	41	57	63	69	71	49	48	33	19	10
86	26	22	34	46	55	68	72	65	62	46	24	30	22
87	25	31	31	34	60	62	66						
MEAN	16.1	22.3	28.7	39.7	50.8	61.9	68.7	67.4	55.1	42.2	29.8	21.9	13.5
S.D.	6.682	6.138	6.312	4.093	4.400	3.956	3.574	3.382	4.839	4.466	5.296	5.865	5.129
TOTAL OBS	1364	1243	1364	1319	1364	1320	1364	1333	1320	1364	1316	1364	16035

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DRY-BULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-87

HOURS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
LST														
00-02	MEAN	39.5	43.6	53.1	60.8	66.6	70.1	80.9	81.0	74.5	63.4	52.8	44.0	61.6
	SD	9.591	10.971	9.421	8.136	6.584	5.154	3.619	4.903	7.269	8.627	9.736	10.993	10.006
	TOT OBS	930	846	936	900	930	930	930	930	930	930	900	930	10956
03-05	MEAN	37.9	41.8	50.9	58.6	64.4	73.6	78.0	78.1	72.0	61.4	51.0	42.4	59.4
	SD	9.634	10.676	9.389	8.228	6.652	4.832	3.144	3.959	7.093	8.464	10.004	11.320	10.117
	TOT OBS	930	846	929	900	930	900	930	930	900	930	970	930	10956
06-08	MEAN	36.9	40.9	50.0	58.7	67.2	70.7	78.8	78.3	71.7	60.6	50.1	41.4	59.7
	SD	9.659	10.820	9.424	8.278	6.492	5.057	3.763	4.174	7.338	8.417	10.145	11.274	10.707
	TOT OBS	930	846	930	900	930	900	930	930	900	930	970	930	10956
09-11	MEAN	41.5	46.2	56.9	64.6	73.9	81.9	87.3	86.8	79.7	68.5	58.5	46.7	66.1
	SD	11.030	12.449	9.904	8.436	6.893	5.990	4.900	5.421	8.233	8.840	10.167	12.532	10.097
	TOT OBS	929	846	936	930	929	900	930	930	970	930	970	930	10956
12-14	MEAN	48.6	52.5	63.3	72.1	76.6	86.9	92.7	92.7	85.7	74.6	62.8	53.6	72.2
	SD	13.330	14.188	10.597	9.049	7.487	6.480	5.333	5.606	8.053	9.339	11.174	11.474	10.133
	TOT OBS	930	846	936	900	930	900	930	930	900	930	900	930	10956
15-17	MEAN	50.6	54.6	65.7	74.1	80.2	88.6	94.1	94.1	87.1	76.0	63.8	54.4	73.6
	SD	13.551	14.466	10.540	9.073	7.490	6.020	5.737	6.137	8.930	9.347	11.270	11.470	10.237
	TOT OBS	930	846	936	930	930	900	930	930	900	930	900	930	10956
18-20	MEAN	45.7	50.4	61.9	70.1	76.7	85.2	90.6	90.2	82.6	70.5	58.0	49.6	69.4
	SD	11.322	12.717	9.575	8.462	7.284	6.629	5.792	5.943	8.697	8.553	9.747	11.463	10.009
	TOT OBS	930	846	936	900	930	900	926	930	900	930	900	930	10956
21-23	MEAN	41.8	46.3	56.9	64.5	71.7	79.8	86.8	86.6	77.4	65.9	54.7	46.6	66.4
	SD	10.062	11.227	9.184	7.946	6.736	5.554	4.390	4.960	7.762	8.329	9.474	11.094	10.996
	TOT OBS	930	846	930	900	930	899	927	930	900	930	900	930	10956
ALL	MEAN	42.8	47.0	57.3	65.7	72.9	80.8	86.9	86.7	78.8	67.6	56.1	47.3	66.8
	SD	12.065	13.139	11.191	10.170	8.567	7.046	5.333	5.670	8.774	10.174	11.316	12.754	10.007
	TOT OBS	7439	6768	7439	7272	7439	7199	7433	7440	7200	7440	7200	7440	87617

GLOBAL CLIMATOLOGY SERVICE
WFO/ETAC
AIR WEATHER SERVICE/AC

121-DAILY TEMPERATURES DEG F FROM
NORMAL OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 722000 STATION NAME: CAPSALL AFB TX

PERIOD OF RECORD: 77-87

MONTHS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1-77														
1-02	MEAN	75.0	76.0	79.0	80.0	82.0	84.0	85.0	83.0	81.0	78.0	75.0	73.0	78.7
	SD	0.253	0.257	0.272	0.260	0.273	0.269	0.270	0.270	0.260	0.236	0.270	0.251	0.255
	1000 OBS	900	900	927	909	900	900	920	920	900	920	900	920	10000
1-05	MEAN	76.7	78.0	80.7	81.7	84.0	86.7	88.0	86.0	84.0	81.0	78.0	76.0	80.6
	SD	0.260	0.260	0.270	0.260	0.270	0.260	0.260	0.260	0.260	0.260	0.260	0.260	0.260
	1000 OBS	920	900	920	920	920	920	920	920	920	920	920	920	10000
1-10	MEAN	75.0	76.0	79.0	80.0	82.0	84.0	85.0	83.0	81.0	78.0	75.0	73.0	78.7
	SD	0.253	0.257	0.272	0.260	0.273	0.269	0.270	0.270	0.260	0.236	0.270	0.251	0.255
	1000 OBS	900	900	927	909	900	900	920	920	900	920	900	920	10000
1-11	MEAN	77.0	78.0	80.0	81.0	83.0	85.0	86.0	84.0	82.0	79.0	76.0	74.0	80.0
	SD	0.277	0.277	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280
	1000 OBS	920	920	920	920	920	920	920	920	920	920	920	920	10000
12-10	MEAN	76.0	77.0	79.0	80.0	82.0	84.0	85.0	83.0	81.0	78.0	75.0	73.0	78.7
	SD	0.253	0.257	0.272	0.260	0.273	0.269	0.270	0.270	0.260	0.236	0.270	0.251	0.255
	1000 OBS	920	920	920	920	920	920	920	920	920	920	920	920	10000
11-17	MEAN	75.0	76.0	79.0	80.0	82.0	84.0	85.0	83.0	81.0	78.0	75.0	73.0	78.7
	SD	0.253	0.257	0.272	0.260	0.273	0.269	0.270	0.270	0.260	0.236	0.270	0.251	0.255
	1000 OBS	900	900	927	909	900	900	920	920	900	920	900	920	10000
1-77	MEAN	75.0	76.0	79.0	80.0	82.0	84.0	85.0	83.0	81.0	78.0	75.0	73.0	78.7
	SD	0.253	0.257	0.272	0.260	0.273	0.269	0.270	0.270	0.260	0.236	0.270	0.251	0.255
	1000 OBS	900	900	927	909	900	900	920	920	900	920	900	920	10000
1-78	MEAN	76.7	78.0	80.7	81.7	84.0	86.7	88.0	86.0	84.0	81.0	78.0	76.0	80.6
	SD	0.260	0.260	0.270	0.260	0.270	0.260	0.260	0.260	0.260	0.260	0.260	0.260	0.260
	1000 OBS	920	900	920	920	920	920	920	920	920	920	920	920	10000
1-79	MEAN	75.0	76.0	79.0	80.0	82.0	84.0	85.0	83.0	81.0	78.0	75.0	73.0	78.7
	SD	0.253	0.257	0.272	0.260	0.273	0.269	0.270	0.270	0.260	0.236	0.270	0.251	0.255
	1000 OBS	900	900	927	909	900	900	920	920	900	920	900	920	10000
1-80	MEAN	75.0	76.0	79.0	80.0	82.0	84.0	85.0	83.0	81.0	78.0	75.0	73.0	78.7
	SD	0.253	0.257	0.272	0.260	0.273	0.269	0.270	0.270	0.260	0.236	0.270	0.251	0.255
	1000 OBS	900	900	927	909	900	900	920	920	900	920	900	920	10000
1-81	MEAN	75.0	76.0	79.0	80.0	82.0	84.0	85.0	83.0	81.0	78.0	75.0	73.0	78.7
	SD	0.253	0.257	0.272	0.260	0.273	0.269	0.270	0.270	0.260	0.236	0.270	0.251	0.255
	1000 OBS	900	900	927	909	900	900	920	920	900	920	900	920	10000
1-82	MEAN	75.0	76.0	79.0	80.0	82.0	84.0	85.0	83.0	81.0	78.0	75.0	73.0	78.7
	SD	0.253	0.257	0.272	0.260	0.273	0.269	0.270	0.270	0.260	0.236	0.270	0.251	0.255
	1000 OBS	900	900	927	909	900	900	920	920	900	920	900	920	10000
1-83	MEAN	75.0	76.0	79.0	80.0	82.0	84.0	85.0	83.0	81.0	78.0	75.0	73.0	78.7
	SD	0.253	0.257	0.272	0.260	0.273	0.269	0.270	0.270	0.260	0.236	0.270	0.251	0.255
	1000 OBS	900	900	927	909	900	900	920	920	900	920	900	920	10000
1-84	MEAN	75.0	76.0	79.0	80.0	82.0	84.0	85.0	83.0	81.0	78.0	75.0	73.0	78.7
	SD	0.253	0.257	0.272	0.260	0.273	0.269	0.270	0.270	0.260	0.236	0.270	0.251	0.255
	1000 OBS	900	900	927	909	900	900	920	920	900	920	900	920	10000
1-85	MEAN	75.0	76.0	79.0	80.0	82.0	84.0	85.0	83.0	81.0	78.0	75.0	73.0	78.7
	SD	0.253	0.257	0.272	0.260	0.273	0.269	0.270	0.270	0.260	0.236	0.270	0.251	0.255
	1000 OBS	900	900	927	909	900	900	920	920	900	920	900	920	10000
1-86	MEAN	75.0	76.0	79.0	80.0	82.0	84.0	85.0	83.0	81.0	78.0	75.0	73.0	78.7
	SD	0.253	0.257	0.272	0.260	0.273	0.269	0.270	0.270	0.260	0.236	0.270	0.251	0.255
	1000 OBS	900	900	927	909	900	900	920	920	900	920	900	920	10000
1-87	MEAN	75.0	76.0	79.0	80.0	82.0	84.0	85.0	83.0	81.0	78.0	75.0	73.0	78.7
	SD	0.253	0.257	0.272	0.260	0.273	0.269	0.270	0.270	0.260	0.236	0.270	0.251	0.255
	1000 OBS	900	900	927	909	900	900	920	920	900	920	900	920	10000

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AFW WEATHER SERVICE/HMC

DEW-POINT TEMPERATURES DEG F FROM
MONTHLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-87

MONTHS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1-17	1													
1	MEAN	79.6	74.5	72.5	58.0	60.7	66.0	66.4	66.3	62.9	52.5	42.9	33.5	50.7
7-22	SD	11.065	12.413	11.989	11.072	8.223	6.113	5.599	4.686	7.994	10.635	11.862	13.574	16.641
101	OPS	930	846	927	897	930	900	930	930	900	930	900	924	10944
1	MEAN	79.1	73.8	71.9	49.3	60.1	65.9	66.5	66.7	61.2	52.5	42.4	32.9	50.4
9-25	SD	11.960	12.303	11.907	11.110	8.359	6.205	5.697	4.779	8.122	10.852	12.028	13.637	16.907
101	OPS	930	846	926	897	930	900	930	930	900	930	900	924	10943
1	MEAN	78.5	73.5	71.6	49.7	60.7	66.6	67.2	67.4	61.7	52.6	42.2	32.4	50.6
6-28	SD	11.991	12.503	11.785	11.172	8.196	6.014	5.517	4.784	8.198	10.802	12.050	13.730	17.284
101	OPS	930	846	927	899	930	900	930	930	900	930	900	921	10943
1	MEAN	79.9	74.9	72.9	50.6	62.1	67.7	68.1	68.3	64.5	53.7	43.9	34.0	51.8
9-11	SD	12.560	12.917	12.207	11.874	8.361	5.952	5.139	4.370	8.048	11.080	12.013	13.908	17.228
101	OPS	929	846	929	899	929	930	930	930	900	930	900	923	10945
1	MEAN	70.3	75.3	73.0	50.9	62.3	67.7	68.8	68.8	63.0	53.1	43.7	34.3	51.5
12-14	SD	12.943	12.990	12.604	12.322	8.788	6.171	5.439	4.579	8.295	11.648	12.301	14.059	16.996
101	OPS	930	845	928	895	930	930	930	930	900	930	900	924	10942
1	MEAN	70.0	74.9	72.4	50.3	61.9	66.8	66.7	65.3	61.6	52.4	43.2	34.1	50.8
11-17	SD	12.420	12.231	12.855	12.677	8.829	6.238	5.655	4.891	8.433	11.514	12.223	13.947	16.764
101	OPS	930	845	929	897	930	899	930	928	900	930	900	924	10942
1	MEAN	70.1	75.1	72.6	50.2	61.3	66.2	65.2	65.0	61.5	52.8	43.5	34.0	50.7
18-26	SD	12.037	12.315	12.812	12.240	8.496	6.108	5.625	4.776	8.220	10.720	11.725	13.682	16.423
101	OPS	930	846	927	897	930	900	926	928	900	930	900	924	10938
1	MEAN	70.1	75.2	72.9	50.6	61.1	66.1	65.9	65.8	62.2	52.7	43.2	33.8	50.9
11-23	SD	11.972	12.235	12.217	11.456	8.219	5.858	5.599	4.628	8.055	10.473	11.548	13.585	16.397
101	OPS	930	846	928	897	929	899	927	930	900	930	900	924	10940
1	MEAN	70.7	74.7	72.5	50.2	61.3	66.6	66.5	66.4	62.8	52.8	43.1	33.6	50.9
ALL	SD	12.179	12.470	12.306	11.756	8.465	6.118	5.597	4.794	8.203	10.974	11.978	13.766	16.838
101	OPS	7439	6766	7421	7178	7438	7198	7433	7436	7200	7440	7200	7388	87537

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

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	100.0	99.9	98.4	95.9	87.0	70.5	46.6	28.2	8.9	69.1	930
	03-05	100.0	100.0	99.2	97.5	91.0	76.2	53.0	30.9	11.7	71.7	930
	06-08	100.0	100.0	99.7	97.8	92.3	77.7	56.6	33.8	12.2	72.8	930
	09-11	100.0	99.8	97.1	90.6	76.7	61.0	42.2	25.3	9.5	65.9	929
	12-14	100.0	97.3	84.6	65.6	50.1	36.9	23.9	14.0	4.6	53.4	930
	15-17	100.0	94.9	77.0	59.0	43.8	31.6	19.9	13.7	3.9	49.9	930
	18-20	100.0	99.0	92.3	77.4	59.8	41.8	28.8	16.9	5.5	57.7	930
	21-23	100.0	99.4	97.6	92.7	78.6	57.8	38.3	23.0	7.4	65.2	930
	TOTALS	100.0	98.8	93.2	84.6	72.4	56.7	38.7	23.2	8.0	63.2	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87
MONTH: FEB

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
FEB	00-02	100.0	100.0	99.8	97.5	88.7	74.8	54.0	31.8	14.3	71.8	846
	03-05	100.0	100.0	99.6	99.1	92.7	80.5	61.5	37.7	15.7	74.6	846
	06-08	100.0	100.0	100.0	99.5	95.2	83.1	63.2	41.7	17.4	76.0	846
	09-11	100.0	100.0	98.1	91.4	79.1	63.8	45.9	27.4	12.3	67.4	846
	12-14	100.0	98.3	87.0	72.7	57.5	39.3	26.2	15.7	6.9	56.1	845
	15-17	100.0	94.6	81.1	65.9	47.3	34.4	23.0	12.9	5.0	52.3	845
	18-20	100.0	98.8	92.1	79.0	63.1	46.7	30.6	16.7	6.9	59.2	846
	21-23	100.0	99.9	98.7	93.4	81.2	62.6	44.0	25.7	11.1	67.4	846
TOTALS		100.0	99.0	94.6	87.3	75.6	60.7	43.6	26.2	11.2	65.6	6766

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 70-07
MONTH: MAR

MONTH	HOURS 11511	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	(RELATIVE HUMIDITY)	(HOURS)
MAR	00-02	100.0	100.0	99.0	97.3	88.1	64.9	43.3	24.0	8.0	60.5	927
	03-05	100.0	100.0	100.0	96.7	92.2	77.5	53.7	31.0	10.0	72.4	926
	06-08	100.0	100.0	100.0	98.9	94.2	81.1	57.5	34.2	11.1	73.9	921
	09-11	100.0	99.9	96.8	88.8	69.9	51.8	33.5	19.6	6.6	62.2	929
	12-14	100.0	97.0	84.2	64.1	46.7	30.4	16.1	9.2	3.0	51.0	929
	15-17	100.0	93.9	75.2	55.0	36.8	23.9	11.9	7.9	2.6	46.6	924
	18-20	100.0	97.6	86.1	68.4	48.1	33.2	20.3	11.5	4.0	52.6	927
	21-23	100.0	99.6	98.4	90.3	69.8	47.0	30.4	17.8	6.5	61.6	920
TOTALS		100.0	96.5	92.6	82.4	68.1	51.2	33.6	19.5	7.1	61.1	7021

LOCAL CLIMATE DATA
 WSA/STAC
 AIR WEATHER SERVICE/MAE

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FOR MONTHLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 72295 STATION NAME: CORNELL AFB IN

PERIOD OF RECORD: 10-07
 MONTH: APR

MONTH	YEAR	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL HOUR
		100	90	80	70	60	50	40	30	20		
APR	00-07	100.0	100.0	100.0	97.0	87.1	66.6	44.7	26.1	8.7	60.0	007
	08-09	100.0	100.0	100.0	96.0	82.1	74.0	55.7	32.7	9.1	72.3	001
	09-10	100.0	100.0	100.0	96.0	81.7	77.0	59.0	34.1	11.0	73.2	006
	10-11	100.0	99.0	99.3	81.2	64.5	50.5	31.1	14.0	3.0	59.6	009
	12-14	100.0	98.5	83.7	64.2	46.3	32.5	16.1	6.0	1.6	50.5	001
	15-17	100.0	94.0	75.0	55.0	40.2	25.1	12.0	4.5	1.6	46.7	001
	18-22	100.0	97.7	86.6	66.1	47.7	30.1	21.0	10.5	3.0	52.6	007
	23-25	100.0	99.7	98.0	90.3	71.6	51.5	34.1	17.5	3.0	62.6	007
TOTALS		100.0	98.0	92.3	81.0	67.7	51.7	34.0	18.0	9.5	60.0	7179

NAVAL CLIMATOLOGY BRANCH
WASH DC
AIR WEATHER SERVICE/PAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 725595 STATION NAME: CARSWELL AFB IN

PERIOD OF RECORD: 74-87
MONTH: MAY

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL HOURS
		100	200	300	400	500	600	700	800	900		
MAY	20-02	100.0	100.0	100.0	99.4	96.0	90.6	70.0	42.2	10.4	76.7	930
	03-05	100.0	100.0	100.0	99.0	90.7	95.7	80.1	54.0	10.3	80.6	930
	06-08	100.0	100.0	99.0	99.6	90.5	94.9	79.2	53.5	19.5	80.2	930
	09-11	100.0	100.0	98.0	96.0	88.3	89.9	42.2	21.9	5.4	67.9	920
	12-14	100.0	99.5	96.7	89.1	71.6	43.9	23.1	9.0	2.3	59.0	930
	15-17	100.0	99.9	94.0	84.7	62.9	33.2	10.1	7.0	2.0	55.7	930
	18-20	100.0	99.9	97.0	89.7	74.1	47.2	27.0	13.3	3.9	60.8	930
	21-23	100.0	100.0	99.6	90.1	91.0	76.3	49.6	24.1	7.1	70.3	920
	TOTALS	100.0	99.9	98.5	94.7	85.3	60.9	40.7	20.3	0.6	60.9	7430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 70-87
MONTH: JUN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	98.1	95.3	80.9	53.1	27.7	7.9	71.9	900
	03-05	100.0	100.0	100.0	98.4	97.9	93.3	73.3	40.9	15.0	77.5	900
	06-08	100.0	100.0	100.0	98.6	97.3	91.4	70.6	39.0	12.4	76.7	900
	09-11	100.0	100.0	99.2	95.1	83.1	58.3	30.8	10.4	2.4	63.5	900
	12-14	100.0	99.8	97.0	84.9	59.7	30.6	11.4	5.2	1.2	54.5	900
	15-17	100.0	99.1	95.1	74.3	44.3	19.4	9.3	3.9	1.1	50.4	899
	18-20	100.0	99.8	97.2	83.3	58.0	30.8	15.7	6.9	1.1	54.8	900
	21-23	100.0	100.0	99.1	97.2	84.3	58.1	32.1	14.6	4.0	64.5	899
TOTALS		100.0	99.8	98.5	91.2	77.5	57.9	37.0	18.6	5.6	64.2	7198

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 78-87

MONTH: JUL

MONTH	HOURS (LS11)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	98.8	91.9	81.0	59.2	29.1	9.2	1.0	62.9	930
	03-05	100.0	100.0	99.4	96.9	86.7	77.6	55.2	19.4	1.9	69.1	930
	06-08	100.0	100.0	99.5	96.2	86.7	77.1	54.1	18.3	1.7	68.9	930
	09-11	100.0	100.0	96.2	82.7	63.7	33.3	10.0	3.2	.5	54.4	930
	12-14	100.0	98.8	85.1	59.8	26.6	10.0	4.5	1.6	.2	44.3	930
	15-17	100.0	98.2	73.8	48.8	18.6	7.8	4.7	1.7	.2	41.2	930
	18-20	100.0	99.2	85.4	57.9	29.4	13.7	6.9	3.0	.3	45.2	926
	21-23	100.0	100.0	96.8	82.8	62.6	30.0	14.9	5.2	.6	54.8	927
TOTALS		100.0	99.5	91.9	77.1	56.9	38.6	22.4	7.7	.8	55.1	7433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: AUG

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	[RELATIVE HUMIDITY]	NUP	
AUG	00-02	100.0	100.0	100.0	96.6	79.4	51.6	26.5	9.5	1.6	62.0	930	
	03-05	100.0	100.0	100.0	99.0	92.6	72.3	46.5	18.0	2.2	68.7	930	
	06-08	100.0	100.0	100.0	99.6	94.0	78.7	51.4	20.1	2.6	70.1	930	
	09-11	100.0	100.0	99.5	90.6	62.4	30.1	10.8	2.8	.4	55.2	930	
	12-14	100.0	99.8	92.5	56.7	20.6	7.3	2.8	1.3	.3	43.8	930	
	15-17	100.0	99.5	80.8	38.5	15.1	7.0	3.4	1.3	.3	40.1	928	
	18-20	100.0	99.8	92.5	55.4	26.2	11.0	5.5	2.2	.3	44.9	928	
	21-23	100.0	100.0	99.6	86.7	55.4	28.6	13.2	5.1	.9	54.6	930	
	TOTALS	100.0	99.9	95.6	77.9	55.7	35.8	20.0	7.5	1.1	54.9	7436	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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)	(HUP OBS)	
SEP	00-02	100.0	100.0	100.0	99.3	90.3	68.9	42.0	20.6	5.1	68.2	900	
	03-05	100.0	100.0	100.0	100.0	97.9	85.2	62.8	32.3	7.8	74.3	900	
	06-08	100.0	100.0	100.0	100.0	98.2	90.4	70.2	38.9	8.4	76.3	900	
	09-11	100.0	100.0	99.3	93.4	76.1	48.8	24.4	10.8	2.8	61.3	900	
	12-14	100.0	99.3	91.6	68.7	37.2	18.2	10.7	5.3	1.8	48.8	900	
	15-17	100.0	98.6	82.7	53.7	27.7	15.2	9.3	3.7	1.3	44.8	900	
	18-20	100.0	99.9	93.4	72.2	43.9	24.3	15.1	7.8	1.7	51.5	900	
	21-23	100.0	100.0	99.9	94.0	75.7	44.2	23.7	13.0	3.1	61.0	900	
	TOTALS	100.0	99.7	95.9	85.2	68.4	49.4	32.3	16.6	4.0	60.8	7200	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 722595 STATION NAME: CAMMELL AFB TX

PERIOD OF RECORD: 77-06
MONTH: OCT

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL HRS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	99.9	96.5	87.8	72.9	47.7	22.8	6.9	69.1	934
	03-05	100.0	100.0	100.0	99.8	94.8	82.8	60.9	31.7	9.1	73.1	936
	06-08	100.0	100.0	100.0	99.6	94.3	83.9	67.6	38.1	18.8	76.1	934
	09-11	100.0	99.7	95.7	85.9	69.2	52.9	35.2	19.7	6.1	61.9	931
	12-14	100.0	99.7	84.2	63.6	44.8	29.8	19.5	8.2	1.5	50.5	931
	15-17	100.0	99.9	79.6	55.8	37.6	24.6	16.3	7.6	2.2	47.5	934
	18-20	100.0	99.7	93.8	76.6	57.6	37.7	24.2	11.8	3.2	56.1	934
	21-23	100.0	100.0	99.6	92.6	78.9	58.9	33.5	16.6	6.8	64.9	934
	TOTALS	100.0	99.9	94.1	84.1	70.6	55.1	38.1	19.6	5.1	62.7	7964

RELATIVE HUMIDITY

77-04

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CORSEWELL AFB TEXAS REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATION (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. 24 NOV 87
USAFETAC/DS-87/878

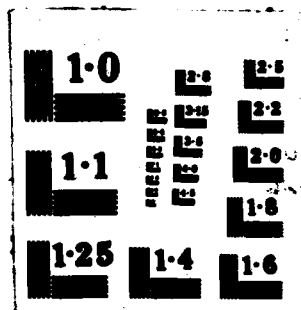
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-86
MONTH: DEC

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
DEC	00-02	100.0	99.0	97.6	95.0	82.6	68.3	49.6	24.1	6.2	68.0	924
	03-05	100.0	99.4	98.3	96.9	87.6	73.5	54.1	30.8	7.9	70.6	924
	06-08	100.0	99.5	98.4	96.1	90.8	74.9	56.9	34.6	9.1	71.9	921
	09-11	100.0	98.8	95.7	88.0	74.4	56.8	39.7	22.5	6.3	64.0	923
	12-14	99.9	96.5	84.5	67.5	46.0	31.9	20.9	13.0	3.5	51.9	924
	15-17	99.9	95.2	79.8	59.7	41.5	28.8	17.9	10.9	3.8	49.4	924
	18-20	100.0	98.3	93.0	79.4	62.7	43.7	25.5	13.0	3.2	57.6	924
	21-23	100.0	99.4	97.6	91.5	76.5	61.4	38.9	17.5	4.7	64.4	924
TOTALS		100.0	98.3	93.1	84.3	70.3	54.9	37.9	20.8	5.6	62.2	7388

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

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	NUM OBS
JAN	ALL	100.0	98.8	93.2	84.6	72.4	56.7	38.7	23.2	8.0	63.2	7439
FEB		100.0	99.0	94.6	87.3	75.6	60.7	43.6	26.2	11.2	65.6	6766
MAR		100.0	98.5	92.6	82.4	68.1	51.2	33.6	19.5	7.1	61.1	7421
APR		100.0	98.8	92.3	81.4	67.7	51.7	34.4	18.4	5.5	60.8	7178
MAY		100.0	99.9	98.5	94.7	85.3	68.9	48.7	28.3	8.6	68.9	7438
JUN		100.0	99.8	98.5	91.2	77.5	57.9	37.0	18.6	5.6	64.2	7196
JUL		100.0	99.5	91.9	77.1	56.9	38.6	22.4	7.7	.8	55.1	7433
AUG		100.0	99.9	95.6	77.9	55.7	35.8	20.0	7.5	1.1	54.9	7436
SEP		100.0	99.7	95.9	85.2	68.4	49.4	32.3	16.6	4.0	60.8	7200
OCT		100.0	98.9	94.1	84.1	70.6	55.1	38.1	19.6	5.1	62.2	7440
NOV		100.0	99.8	95.9	88.0	75.5	59.2	40.5	20.2	4.4	64.0	7200
DEC		100.0	98.3	93.1	84.3	70.3	54.9	37.9	20.8	5.6	62.2	7388
TOTALS		100.0	99.2	94.7	84.9	70.3	53.3	35.6	18.9	5.6	61.9	87537

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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
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 722595 STATION NAME: CARSMELL AFB TX

PERIOD OF RECORD: 77-87

HOURS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	MEAN	29.469	29.395	29.290	29.256	29.216	29.252	29.283	29.285	29.302	29.349	29.379	29.444	29.326
	SD	.212	.218	.216	.178	.142	.097	.073	.074	.126	.154	.197	.235	.186
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
03	MEAN	29.460	29.387	29.282	29.243	29.203	29.243	29.279	29.282	29.298	29.344	29.370	29.437	29.319
	SD	.217	.219	.215	.181	.142	.101	.074	.075	.125	.156	.199	.237	.187
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
06	MEAN	29.462	29.394	29.301	29.265	29.227	29.271	29.304	29.305	29.320	29.364	29.377	29.439	29.336
	SD	.217	.220	.216	.184	.142	.100	.074	.074	.126	.161	.201	.243	.186
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
09	MEAN	29.502	29.433	29.341	29.298	29.256	29.298	29.331	29.333	29.351	29.400	29.418	29.477	29.370
	SD	.220	.224	.221	.186	.145	.101	.074	.073	.127	.162	.203	.246	.189
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
12	MEAN	29.492	29.425	29.324	29.281	29.240	29.280	29.313	29.314	29.331	29.376	29.395	29.461	29.353
	SD	.221	.223	.224	.186	.142	.099	.074	.075	.126	.160	.203	.246	.190
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
15	MEAN	29.420	29.355	29.255	29.221	29.190	29.230	29.261	29.255	29.268	29.312	29.333	29.398	29.291
	SD	.220	.215	.223	.184	.139	.099	.074	.077	.127	.157	.201	.242	.186
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
18	MEAN	29.429	29.355	29.243	29.201	29.163	29.198	29.228	29.227	29.254	29.308	29.318	29.411	29.279
	SD	.216	.211	.219	.183	.136	.099	.075	.077	.128	.156	.200	.235	.189
	TOT OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
21	MEAN	29.457	29.386	29.278	29.242	29.199	29.229	29.259	29.265	29.295	29.344	29.370	29.442	29.314
	SD	.214	.208	.214	.178	.136	.097	.074	.075	.129	.154	.200	.231	.187
	TOT OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
ALL	MEAN	29.461	29.391	29.289	29.251	29.212	29.250	29.282	29.283	29.302	29.350	29.372	29.439	29.323
	SD	.218	.219	.221	.185	.143	.103	.080	.081	.130	.160	.202	.240	.189
HOURS	TOT OBS	2480	2256	2480	2400	2480	2400	2478	2480	2400	2480	2400	2480	29214

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SEA LEVEL PRESSURE IN HGS FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 722595 STATION NAME: CARSWELL AFB TX

PERIOD OF RECORD: 77-87

HOURS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
LST														
00	MEAN	1021.9	1019.2	1015.3	1013.9	1012.3	1013.4	1014.3	1014.4	1015.1	1017.1	1018.4	1020.9	1016.4
	SD	7.516	7.812	7.623	6.262	4.939	3.371	2.522	2.589	4.446	5.444	7.029	8.404	6.694
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
03	MEAN	1021.6	1019.0	1015.0	1013.5	1011.9	1013.1	1014.2	1014.3	1015.0	1016.9	1018.1	1020.7	1016.1
	SD	7.737	7.824	7.626	6.365	4.976	3.495	2.552	2.621	4.451	5.552	7.074	8.466	6.752
	TOT OBS	310	282	310	300	310	300	310	310	300	309	300	310	3651
06	MEAN	1021.7	1019.2	1015.7	1014.2	1012.8	1014.0	1015.1	1015.1	1015.8	1017.6	1018.4	1020.8	1016.7
	SD	7.664	7.869	7.618	6.463	4.960	3.477	2.572	2.593	4.481	5.692	7.120	8.666	6.673
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
09	MEAN	1023.1	1020.6	1017.1	1015.4	1013.8	1015.0	1016.0	1016.1	1016.9	1018.9	1019.8	1022.1	1017.9
	SD	7.800	7.980	7.823	6.534	5.040	3.514	2.596	2.564	4.542	5.773	7.211	8.754	6.817
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
12	MEAN	1022.7	1020.3	1016.5	1014.8	1013.2	1014.4	1015.4	1015.4	1016.2	1018.0	1019.0	1021.5	1017.3
	SD	7.849	7.974	7.920	6.539	4.972	3.453	2.584	2.620	4.497	5.674	7.201	8.765	6.834
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
15	MEAN	1020.2	1017.8	1014.1	1012.7	1011.5	1012.6	1013.6	1013.4	1014.0	1015.8	1016.8	1019.3	1015.1
	SD	7.815	7.688	7.866	6.506	4.856	3.444	2.562	2.660	4.472	5.561	7.132	8.642	6.676
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
18	MEAN	1020.5	1017.9	1013.7	1012.0	1010.5	1011.6	1012.5	1012.4	1013.5	1015.7	1017.0	1019.8	1014.8
	SD	7.663	7.496	7.737	6.440	4.769	3.437	2.534	2.648	4.552	5.533	7.083	8.396	6.822
	TOT OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
21	MEAN	1021.6	1019.0	1014.9	1013.4	1011.8	1012.6	1013.5	1013.7	1014.9	1016.9	1018.2	1020.9	1015.9
	SD	7.624	7.454	7.719	6.269	4.768	3.399	2.532	2.614	4.573	5.487	7.122	8.255	6.760
	TOT OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651
ALL	MEAN	1021.7	1019.1	1015.3	1013.7	1012.2	1013.3	1014.3	1014.3	1015.2	1017.1	1018.2	1020.8	1016.3
	SD	7.753	7.808	7.806	6.445	4.996	3.594	2.771	2.832	4.613	5.673	7.171	8.574	6.823
HOURS	TOT OBS	2480	2256	2480	2400	2400	2400	2478	2480	2400	2479	2400	2480	29213

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