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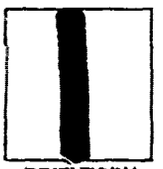


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Air Weather Service (MATS)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

COLORADO SPRINGS COLO/PETERSON FD WBAN#93037
N 38 49 W 104 42 ELEV 6170 FT KCOS WMO#72466

PARTS A-F
POR FROM HOURLY OBS SEP 42-MAR 48, JUL 48-DEC 68
POR FROM DAILY OBS SEP 42-MAR 48, JUL 48-DEC 68

JUL 22 1970

FEDERAL BUILDING
ASHEVILLE, N. C.

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1 REPORT NUMBER: USAFETAC/DS- 80/053	2 GOVT ACCESSION NO. / 3 RECIPIENT'S CATALOG NUMBER
4 TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Colorado Springs,Colo. Peterson FD	5 TYPE OF REPORT & PERIOD COVERED: Final rept. / 6 PERFORMING ORG. REPORT NUMBER
7 AUTHOR(s)	8 CONTRACT OR GRANT NUMBER(s)
9 PERFORMING ORGANIZATION NAME AND ADDRESS: USAFETAC/OL-A, Air Force Environmental Technical Appl. Center, Scott AFB IL 62225	10 PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11 CONTROLLING OFFICE NAME AND ADDRESS: USAFETAC/CBD, Air Weather Service (MAC), Scott AFB IL 62225	12 REPORT DATE: 22 Jul 70 / 13 NUMBER OF PAGES
14 MONITORING AGENCY NAME & ADDRESS(if different from Controlling Office)	15 SECURITY CLASS (of this report): UNCLASSIFIED / 15a DECLASSIFICATION DOWNGRADING SCHEDULE

16 DISTRIBUTION STATEMENT (of this Report)

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17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18 SUPPLEMENTARY NOTES

19 KEY WORDS (Continue on reverse side if necessary and identify by block number)

*RUSSWO	Daily temperatures	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometeric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative Humidity	*Climatological data	(over)

20 ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report is a six-part statisitical summary of surface weather observations for Colorado Springs, Colo/Peterson FD

It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

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19. Percentage frenquency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*Colorado **Peterson FD, Colorado Springs, Colorado

20. and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurance or cumulative percentage frequency of occuring tables.

5

UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

STATION	LATITUDE	LONGITUDE	ELEV. FT.	CALL SIGN
93037 COLORADO SPRINGS CO/PETERSON FD	N 38 49	W 104 42	6170	

PERIOD OF RECORD

FOR HOURLY OBSERVATIONS: SEP 43-DEC 45, JUL 47-DEC 64

FOR DAILY OBSERVATIONS: SEP 43-DEC 45, JUL 47-DEC 64

SUMMARIES

PART A — WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

PART B — PRECIPITATION
SNOWFALL
SNOW DEPTH

PART C — SURFACE WINDS

PART D — CEILING VERSUS VISIBILITY
SKYCOVER

PART E — DAILY MAX, MIN, AND MEAN TEMPERATURES
EXTREME MAX AND MIN TEMPERATURES
PSYCHROMETRICS DRY VS WET BULB
MEANS & STD DEV- DRY BULB, WET BULB, AND DEW POINT
RELATIVE HUMIDITY

PART F — STATION PRESSURE
SEA LEVEL PRESSURE

FORM 0-24-6 (OL 1)
OCT. 66
SPECIAL SUMMARY, USAF ETAC

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

Revised
UNIFORM SUMMARY
of
SURFACE WEATHER OBSERVATIONS

DESCRIPTION OF SUMMARIES:

Preceding each section is a brief description of the data comprising each part of the revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

HOURLY OBSERVATIONS are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

STANDARD 3-HOUR GROUPS All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____	APRIL _____	JULY _____	OCTOBER _____
FEBRUARY _____	MAY _____	AUGUST _____	NOVEMBER _____
MARCH _____	JUNE _____	SEPTEMBER _____	DECEMBER _____

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ASHEVILLE, NORTH CAROLINA

A

PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.

2. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

STATION NO ON SUMMARY	STATION NAME	LATITUDE:	LONGITUDE:	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
93037	COLORADO SPRNGS COLO/PETERSON FLD	N 38 49	W 104 42	6170	KCOS	72466

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	TYPE BAROMETER	
1	Peterson Field, Colorado	AAF	Sep 42	Mar 48	N 38 49	W 104 42	6170	Mercurial	24
2	No Change	W	Jul 48	Dec 64	No Change	No Change	No Change	No Change	24
2	No Change	W	Jan 65	Dec 68	No Change	No Change	No Change	No Change	8

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 42 to Mar 48	Not Available	Anemometer	N/A	N/A	
2	Jul 48 to 4Sep 54	Located on the Tower roof.	Selsyn	None	78 Ft	
2	5Sep 54 to 4May 56	No Change	No Change	None	67 ft	
2	5May 56 to 9Feb 58	No Change	No Change	None	76 Ft	

USAF ETAC FORM APR 68 0-19 (OL-1)

CONTINUED ON REVERSE SIDE

STATION NO ON SUMMARY	STATION NAME	LATITUDE:	LONGITUDE:	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
93037	COLORADO SPRNGS COLO/PETERSON FLD	N 38 49	W 104 42	6170	KCOS	72466

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	TYPE BAROMETER	
1	Peterson Field, Colorado	AAF	Sep 42	Mar 48	N 38 49	W 104 42	6170	Mercurial	24
2	No Change	W	Jul 48	Dec 64	No Change	No Change	No Change	No Change	24
2	No Change	W	Jan 65	Dec 68	No Change	No Change	No Change	No Change	8

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 42 to Mar 48	Not Available	Anemometer	N/A	N/A	
2	Jul 48 to 14Sep 54	Located on the Tower roof.	Selsyn	None	78 Ft	
2	15Sep 54 to 4May 56	No Change	No Change	None	67 Ft	
2	5May 56 to 19Feb 58	No Change	No Change	None	76 Ft	

USAF ETAC FORM APR 69 0-19 (OL-1)

CONTINUED ON REVERSE SIDE

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	
3	20Feb 58 to Dec 68	Located in center of Airport Complex.	FA20-C	None	22 Ft	

DATA PROCESSING DIVISION
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ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-68 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST. TO VISIO	TOTAL NO. OF OBS.
JAN	00-02			.5	11.9		12.1	3.5	.4	.6		4.4	2168
	03-05			.2	11.0		11.1	3.9	.2	.6		4.7	2170
	06-08			.1	10.4		10.4	4.6	1.4	.5	.0	6.5	2164
	09-11			.0	10.3		10.3	4.0	.7	.3	.2	5.1	2165
	12-14		.1		9.3		9.3	3.2	.5	.3	.3	4.1	2169
	15-17		.1		9.1		9.3	2.6	.4	.5	.0	3.6	2169
	18-20			.0	11.4		11.4	2.4	.6	.7		3.7	2169
	21-23			.0	12.3		12.4	3.6	.4	.6	.1	4.7	2170
TOTALS			.0	.1	10.7		10.8	3.3	.6	.5	.1	4.6	17344

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WEATHER CONDITIONS

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 43-68 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
FEB	00-02		.2	.7	12.7		13.3	6.0	.3	.4	.1	6.7	1963
	03-05		.2	.7	11.7		12.5	6.1	.1	.4	.1	6.7	1966
	06-08			1.0	12.1		12.8	6.5	1.1	.5		8.0	1979
	09-11		.1	.4	11.1		11.4	4.7	.4	.9	.1	5.8	1977
	12-14		.2	.1	10.4		10.6	3.7	.1	.7	.1	4.0	1975
	15-17		.4		10.6		10.9	3.1	.3	.9	.2	4.4	1978
	18-20		.2	.1	12.0		12.3	3.9	.4	.6	.1	4.8	1961
	21-23		.2	.6	12.9		13.5	5.7	.2	.4	.1	6.3	195
TOTALS			.2	.4	11.7		12.1	4.9	.3	.6	.1	5.8	15763

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WEATHER CONDITIONS

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 43-68 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		.8	.4	13.8		14.8	7.0		.4		7.4	2146
	03-05		.4	.6	14.1		14.9	7.3	.0	.6	.1	8.0	2154
	06-08		.2	.4	12.8		13.4	7.5	1.0	.6	.2	9.3	2170
	09-11		.6	.2	11.2		11.7	4.1	.2	.7	.6	5.5	2170
	12-14		.9	.1	10.2		11.1	3.2		.8	.7	4.5	2167
	15-17	.2	1.2	.0	11.1		12.2	2.4	.1	.7	.9	4.0	2170
	18-20		.9	.1	11.5		12.4	2.8	.3	.7	.7	4.4	2145
	21-23		1.1	.2	12.9		13.7	5.0	.1	.3	.2	5.8	2147
TOTALS		.0	.8	.3	12.2		13.0	4.9	.2	.6	.4	6.1	17269

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WEATHER CONDITIONS

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-66 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02		3,4	,2	9,7	,0	13,2	5,3		,3	,1	5,8	7009
	03-05	,0	3,8	,2	8,4		12,3	6,7	,1	,5		7,4	2007
	06-08	,0	3,5	,1	8,9		12,1	6,6	,0	,3		7,2	2008
	09-11	,2	2,3		8,2	,0	10,2	2,9	,0	,3	,0	3,4	2010
	12-14	1,3	4,6	,0	7,2	,2	11,6	1,8		,1	,4	2,3	2010
	15-17	,9	5,7	,0	7,7	,0	12,7	2,4		,0	,9	3,3	2008
	18-20	,4	4,8	,0	8,5		12,7	2,4		,2	,7	3,4	2009
	21-23	,1	3,2	,2	10,3		13,1	3,7	,0	,2	,5	4,4	2007
TOTALS		,4	3,9	,1	8,5	,0	12,3	4,0	,0	,3	,3	4,7	16068

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WEATHER CONDITIONS

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 43-47,49-68 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS' WITH OBST TO VISION	TOTAL NO. OF OBS
MAY	00-02	.3	9.0		2.9	.1	11.4	4.7	.1			4.7	2076
	03-05	.1	8.3		3.1		11.0	7.6	.1		.2	7.8	2074
	06-08	.1	7.9		2.3		9.8	7.4	.1		.1	7.6	2075
	09-11	.8	7.4	.0	2.0	.0	8.9	3.8			.1	3.9	2077
	12-14	4.4	10.4		1.7	.1	11.7	1.8			.2	2.1	2077
	15-17	5.2	13.1		1.6	.2	14.4	1.2	.1		.2	1.5	2076
	18-20	2.8	11.4		1.6	.0	12.9	1.7	.0		.3	2.0	2077
	21-23	1.3	10.8		2.7	.1	13.0	2.4			.1	2.5	2075
TOTALS		1.9	9.8	.0	2.3	.1	11.8	3.8	.1		.2	4.0	16609

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WEATHER CONDITIONS

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FO (STATION NAME) 43-47,49-68 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND, OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02	1.0	5.6		.3		5.9	2.7			.1	2.9	2010
	03-05	.1	5.4		.1		5.5	4.7	.0		.0	4.8	2009
	06-08	.2	4.3		.0	.0	4.4	3.9				3.9	2008
	09-11	.8	3.5				3.5	1.2	.0			1.3	2009
	12-14	7.0	9.7			.2	9.7	.4	.1		.0	.6	2010
	15-17	7.6	10.7			.2	10.7	.2	.0		.1	.4	2009
	18-20	4.3	8.1		.1		8.1	.4			.5	.9	2010
	21-23	2.2	6.6		.3		6.8	.8			.2	1.0	2005
TOTALS		2.9	6.7		.1	.1	6.8	1.8	.0		.1	2.0	16070

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ETAC, USAF
ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-68 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02	.9	3.6				3.6	.8			.1	.9	2169
	03-05	.1	2.4				2.4	2.2	.0		.1	2.4	2166
	06-08		1.3				1.3	1.1	.0		.1	1.3	2169
	09-11	.7	1.7				1.7	.2			.1	.4	2170
	12-14	11.5	11.1			.1	11.1				.1	.1	2170
	15-17	14.1	17.6			.3	17.6	.2			.0	.3	2166
	18-20	9.6	14.2			.0	14.2	.2			.1	.3	2169
	21-23	2.8	8.0				8.0	.2			.1	.4	2169
TOTALS		5.0	7.5			.1	7.5	.6	.0		.1	.7	17350

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WEATHER CONDITIONS

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 43-68 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
AUG	00-02	.9	5.0				5.0	2.7	.1			2.8	2169
	03-05	.0	2.4				2.4	4.2	.0			4.2	2168
	06-08	.1	2.0				2.0	3.0	.1			3.1	2170
	09-11	.5	2.3				2.3	1.2				1.2	2170
	12	7.4	10.3			.0	10.3	.6	.0			.6	2170
	13-17	11.0	15.7				15.7	.6			.0	.6	2168
	18-20	7.3	14.6				14.6	1.0			.1	1.1	2168
	21-23	2.0	8.2			.0	8.2	1.3			.1	1.6	2169
TOTALS		3.6	7.6			.0	7.6	1.8	.0		.0	1.7	17352

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ETAC, USAF
ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 42-68 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	00-02	.3	4.6		.6		5.2	3.6			.1	3.7	2186
	03-05	.2	5.1		.5		5.4	5.1	.2		.0	3.4	2190
	06-08	.3	4.3		.5		4.8	5.3	.6		.1	5.7	2189
	09-11	.3	3.6		.7		4.4	2.9	.2			3.0	2189
	12-14	2.0	4.8		.5	.0	5.3	1.7	.0		.1	1.9	2188
	15-17	2.3	4.9	.0	.4		5.3	1.1	.1		.0	1.3	2187
	18-20	1.8	5.3	.0	.7	.1	6.0	1.0	.1		.3	1.4	2186
	21-23	1.2	3.9		1.0		4.7	2.1			.2	2.3	2188
TOTALS		1.0	4.6	.0	.6	.0	5.1	2.9	.2		.1	3.1	17503

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

93037 STATION — COLORADO SPRINGS COLO-PETERSON FO STATION NAME — 42-68 YEARS — OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
OCT	00-02	.1	3.4		2.3		5.5	3.6	.3			3.9	2260
	03-05	.0	3.5	.0	2.6		6.0	4.1	.2			4.2	2260
	06-08		3.1	.0	2.9		5.8	5.8	.7	.0		6.6	2258
	09-11		2.7		2.2		4.8	3.6	.3			3.9	2262
	12-14	.2	3.2		1.9	.0	5.0	1.8	.5			2.3	2267
	15-17	.4	4.4		1.5		5.8	1.8	.4		.1	2.3	2260
	18-20	.2	4.1		2.4		6.4	1.8	.1		.2	2.1	2262
	21-23	.3	4.0		2.5		6.1	2.2	.2		.2	2.6	2262
TOTALS		.2	3.5	.0	2.3	.0	5.7	3.1	.3	.0	.1	3.5	18056

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ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-68 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		.6	.6	8.0		8.6	3.4	.1	.7		4.2	2190
	03-05		.3	.5	7.9		8.4	4.3	.0	.5		4.8	2190
	06-08		.4	.5	7.4		8.0	3.9	1.4	.8		6.1	2190
	09-11		.5	.1	8.3		8.7	3.9	.2	.7	.1	4.0	2190
	12-14		.5		6.8		7.0	1.8		.8	.1	2.7	2190
	15-17		.4	.0	6.5		6.9	2.1	.4	.4		2.8	2188
	18-20		.5	.3	7.4		7.8	2.0	.3	.4	.0	2.8	2187
	21-23		.7	.6	7.4		8.1	2.6	.3	.4		3.3	2188
TOTALS			.3	.3	7.5		7.9	2.9	.4	.6	.0	3.9	17513

USAF-ETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-68 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		.1	.1	7.4		7.6	3.8	.4	.5	.0	4.7	2202
	03-05		.0	.3	6.5		6.8	3.9		.4		4.3	2262
	06-08		.2	.1	7.1		7.4	3.9	2.0	.3		6.2	2263
	09-11		.0	.1	7.6		7.7	3.4	.8	.1		4.2	2263
	12-14		.0		6.3		6.4	2.5	.4	.1	.0	3.1	2257
	15-17		.1		6.1		6.1	2.0	.8	.2	.1	3.0	2263
	18-20		.2	.1	6.7		6.8	2.3	.7	.2	.0	3.1	2263
	21-23		.1	.1	7.5		7.8	3.6	.8	.3	.0	4.6	2260
TOTALS			.1	.1	6.9		7.1	3.2	.7	.3	.0	4.2	18093

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DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 42-68 YEARS | ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		.0	.1	10.7		10.8	3.5	.6	.5	.1	4.6	17344
FEB			.2	.4	11.7		12.1	4.9	.3	.6	.1	5.8	15763
MAR		.0	.8	.3	12.2		13.0	4.9	.2	.6	.4	6.1	17269
APR		.4	3.9	.1	8.6	.0	12.3	4.0	.0	.3	.3	4.7	16068
MAY		1.9	9.8	.0	2.3	.1	11.6	3.8	.1		.2	4.0	16609
JUN		2.9	6.7		.1	.1	6.8	1.8	.0		.1	2.0	16070
JUL		5.0	7.5			.1	7.5	.6	.0		.1	.7	17350
AUG		3.6	7.6			.0	7.6	1.8	.0		.0	1.9	17352
SEP		1.0	4.6	.0	.6	.0	5.1	2.9	.2		.1	3.1	17503
OCT		.2	3.5	.0	2.3	.0	5.7	3.1	.3	.0	.1	3.5	18086
NOV			.5	.3	7.5		7.9	2.9	.4	.6	.0	3.9	17513
DEC			.1	.2	6.9		7.1	3.2	.7	.3	.0	4.2	18093
TOTALS		1.2	3.7	.1	5.2	.0	8.9	3.1	.2	.2	.1	3.7	205020

PART A ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

DATA PROCESSING DIVISION
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WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

93037 (STATION) COLORADO SPRINGS COLO/PETERSON FD (STATION NAME) 56-68 (YEARS) ALL (MONTH)

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND, OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	DAILY		2.2	1.3	29.9		33.7	14.0	1.4	2.2	.1	16.4	713
FEB		.2	3.8	1.7	35.1		38.6	18.2	1.4	2.6		20.6	650
MAR		.8	7.6	1.7	35.9		40.8	19.0	1.3	2.8	.7	22.5	710
APR		5.2	24.8	1.7	24.1	2.1	42.6	15.6	.6	.9	.2	16.7	660
MAY		24.2	49.1		8.2	5.7	57.6	17.0	.1			17.0	682
JUN		34.1	46.8		.6	8.3	53.2	10.2	.2			10.3	660
JUL		53.0	68.2			5.6	70.5	5.2	.1			5.3	713
AUG		40.5	59.8			2.4	62.1	8.3	.4			8.4	713
SEP		15.9	37.1	.3	2.3	2.3	38.6	13.6	.4			13.8	690
OCT		2.9	19.2	.3	9.5	.3	24.8	9.1	.4	.3	.1	9.5	713
NOV		.3	7.9	2.6	24.5	.1	28.8	12.9	.7	.9		14.1	690
DEC			3.6	.8	26.4		29.2	11.4	.7	1.7		12.9	713
TOTALS		14.8	27.6	.9	16.4	2.2	43.4	12.9	.6	.9	.1	14.0	8307

DATA PROCESSING DIVISION
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ASHEVILLE, NORTH CAROLINA

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.

2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956, [redacted]

3 DATA PROCESSING DIVISION
USAF ETAC
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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

93037 COLORADO SPRINGS COLO/PETERSON FD 42-68
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	01	02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	67.7	19.0	2.9	5.5	1.4	2.6	.9	.1						13.3	806	.33	1.12	TRACE
FEB	61.6	22.4	3.1	6.5	2.7	2.7	.8							15.9	735	.33	.96	.03
MAR	59.1	19.5	4.9	6.8	3.5	3.6	2.2	.4						21.4	775	.66	1.33	.01
APR	55.9	20.5	3.9	5.5	3.5	0.1	1.3	1.7	.9					23.6	750	1.23	5.90	.01
MAY	41.7	26.5	5.2	7.9	4.0	7.1	3.5	3.2	1.0					31.9	775	2.14	5.67	.62
JUN	47.6	22.7	5.6	5.6	5.1	6.4	4.1	1.6	1.2	.1				29.7	750	1.96	6.00	.15
JUL	29.7	27.0	6.0	9.2	7.1	9.4	6.6	3.8	1.1	.1				43.3	806	2.97	5.27	.94
AUG	37.6	25.2	4.6	8.7	6.9	6.5	6.2	3.6	.7					37.2	806	2.36	5.22	.15
SEP	62.3	20.5	2.7	4.0	1.6	3.6	2.2	1.2	.9					16.2	810	1.06	3.58	TRACE
OCT	75.1	11.1	1.6	4.1	2.0	2.6	2.2	1.0	.4					13.7	837	.79	2.02	.01
NOV	72.1	16.8	1.9	3.0	2.0	3.0	1.6	.2						11.6	810	.45	2.21	TRACE
DEC	71.3	18.3	1.8	4.3	1.7	2.4	.2							10.4	837	.24	.67	.02
ANNUAL	56.9	20.7	3.7	6.0	3.5	4.7	2.6	1.4	.5	.0				22.3	9497	14.52		

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USAF ETAC
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EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO/PETERSON FD (STATION NAME) 42-66 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42									.72	.55	TRACE	.09	
43	.16	.04	.12	1.31	.84	.98	1.67	.97	.01	.02	.32	.18	1.67
44	.15	.03	.56	.55	.65	.24	.26	.38	.07	.23	.12	.15	.65
45	.39	.19	.32	.51	.88	.47	1.80	1.04	.20	1.26	TRACE	.04	1.80
46	.20	.30	.10	.38	.75	.30	1.29	.65	TRACE	.72	.47	.49	1.29
47	.29	.22	.36	2.30	1.33	.90	.63	.65	.28	.90	.19	.14	2.30
48	.20	.12					.39	1.61	.31	.08	.02	.23	
49	.12	.05	.30	.16	.36	2.17	2.16	.10	.19	.34	TRACE	.06	2.17
50	.21	.09	.19	.25	.56	.58	.88	.29	1.06	.12	.10	.05	1.06
51	.54	.12	.17	.13	.98	.26	3.00	1.30	.40	1.06	.40	.05	3.00
52	.03	.04	.25	.57	.74	.25	.19	1.03	.25	.04	.10	.00	1.03
53	TRACE	.12	.13	.55	.66	.64	.42	.68	TRACE	.30	.28	.07	.68
54	.14	.09	.15	.34	1.05	1.90	1.27	.72	1.09	.17	.20	.16	1.95
55	.13	.21	.11	.24	2.23	.13	1.36	.76	1.02	.01	.15	.02	2.23
56	.62	.08	.40	.60	.34	.15	.82	.44	.59	.09	.75	.14	.82
57	.16	.45	.31	1.76	2.12	.47	1.02	.58	.46	.48	.60	.02	2.12
58	.06	.13	.33	.28	1.65	1.20	.94	.34	.93	.34	.10	.11	1.65
59	.20	.23	.52	.91	1.13	.49	.34	.79	1.38	.50	.03	.02	1.38
60	.08	.26	.40	.25	.69	.33	.72	.45	.22	1.54	.21	.22	1.54
61	.10	.38	.41	.32	.19	1.22	.43	.60	.67	.49	.20	.21	1.22
62	.32	.10	.46	.18	.22	1.19	.38	.05	.30	.70	.45	.02	1.19
63	.31	.10	.34	.02	.23	.41	.46	1.30	.55	.39	.32	.42	1.30
64	TRACE	.12	.59	.01	1.32	.52	.50	.23	1.12	.03	.37	.12	1.32
65	.14	.28	.46	.92	.77	2.56	.88	1.24	.86	.24	TRACE	.20	2.56
66	.11	.32	.01	.25	.32	1.53	.67	.41	1.20	.26	.16	.16	1.53
67	.27	.10	.11	1.82	1.32	.81	2.01	.83	.25	.59	.12	.17	2.01
68	.03	.09	.30	.22	.29	.08	.88	.67	.54	.31	.32	.12	.88
MEAN	.18	.16	.30	.60	.87	.79	.98	.70	.54	.44	.22	.14	1.57
S.D.	.138	.115	.158	.599	.552	.671	.665	.391	.411	.393	.193	.113	.806
TOTAL OBS.	806	735	775	750	775	750	806	806	810	837	810	837	9497

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

93037 COLORADO SPRINGS COLO/PETERSON FD 42-68
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
68			.17 26										PRECIP DAYS
MEAN													
S.D.													
TOTAL OBS.													

USAF ETAC FORM JUL 44 0-88-5 (OL)

3 DATA PROCESSING DIVISION
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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO/PETERSON FD (STATION NAME) 46-68 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15 [illegible] 4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-	61-120	OVER 120					
JAN	67.2	19.1	5.9	4.1	1.8	1.1	.4	.3	.1					13.7	713	4.9	14.9	TRACE
FEB	62.5	21.4	7.1	4.6	2.6	.6	.6	.5	.2					16.2	650	5.2	15.0	.2
MAR	62.0	17.9	8.8	5.3	2.9	1.5	.7	.7		.1				20.1	682	7.6	20.5	.1
APR	73.8	13.9	4.4	4.4	1.4	.9	.3	.2	.2	.5	.2			12.3	660	6.5	42.7	.0
MAY	89.7	7.2	1.6	.4	.6	.3				.1				3.1	682	1.4	14.9	.0
JUN	96.8	3.0	.2											.2	660	TRACE	.1	.0
JUL	98.0	2.0													713	TRACE	TRACE	.0
AUG	98.9	1.0	.1											.1	713	TRACE	.2	.0
SEP	96.4	2.5	.1	.4			.1	.1	.1	.1				1.2	690	1.5	27.9	.0
OCT	90.2	5.8	1.8	.7	.3	.8	.1	.3						4.1	713	1.9	9.0	.0
NOV	73.5	14.8	3.8	3.9	2.0	.9	.1	.7	.3					11.7	690	5.2	22.3	TRACE
DEC	71.9	17.5	4.6	2.8	1.0	1.3	.6	.1	.1					10.5	713	3.9	11.7	.2
ANNUAL	81.7	10.5	3.2	2.2	1.0	.6	.2	.2	.1	.1	.0			7.8	8279	38.1		

1210 WS FORM JUL 64 0-15-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

93037 COLORADO SPRINGS COLO/PETERSON FD 42-43, 45-68
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
42													
43													
44													
45													
46	2.0	2.2	1.0	.0	.1	.0	.0	.0	TRACE	4.0	6.6	4.9	6.6
47	2.9	2.2	3.6	2.0	TRACE	TRACE	.0	.0	.0	TRACE	.5	4.0	4.0
48	6.0	6.5				.0	.0	.0	.0	TRACE	.4	2.8	
49	2.3	1.8	3.3	2.1	.2	TRACE	TRACE	.0	TRACE	3.0	TRACE	.7	3.3
50	4.3	.2	2.7	.8	.8	TRACE	TRACE	TRACE	1.0	.0	1.3	.8	4.3
51	3.3	1.5	1.7	.7	TRACE	.1	TRACE	TRACE	.6	3.2	5.1	.6	5.1
52	.2	.4	3.0	1.1	.3	TRACE	TRACE	.2	TRACE	TRACE	1.4	1.0	3.0
53	TRACE	1.8	1.5	3.1	2.1	TRACE	TRACE	.0	.0	1.9	3.0	2.1	3.1
54	1.5	.4	1.2	3.2	2.3	TRACE	TRACE	TRACE	TRACE	.1	1.9	2.0	3.2
55	1.9	4.7	2.2	2.7	TRACE	TRACE	TRACE	TRACE	.0	TRACE	2.4	.4	4.7
56	7.6	.8	5.2	2.2	TRACE	.0	.0	.0	.0	.4	7.4	2.0	7.6
57	2.6	4.3	3.4	16.7	11.8	TRACE	.0	.0	.8	1.0	5.3	.2	16.7
58	1.0	1.7	4.5	2.6	.0	.0	.0	.0	TRACE	2.8	1.9	.8	4.5
59	2.5	3.4	3.6	11.6	.0	.0	.0	.0	13.6	5.5	.5	.2	13.6
60	.8	3.6	4.5	2.2	2.7	.0	.0	.0	.0	.8	1.8	3.5	4.5
61	2.6	4.5	3.3	3.2	.5	.0	.0	.0	4.2	4.9	2.0	3.0	4.9
62	3.0	1.0	4.6	.8	.0	.0	.0	.0	TRACE	.0	3.2	.4	3.0
63	2.3	1.0	4.0	TRACE	.0	.0	.0	.0	.0	3.0	2.4	6.5	6.5
64	TRACE	1.5	13.2	.1	.0	.0	.0	.0	.0	.0	4.8	3.7	13.3
65	3.2	4.4	5.2	1.2	.0	.0	.0	.0	.1	TRACE	TRACE	2.5	5.2
66	2.2	3.8	.1	2.9	2.3	.0	.0	.0	.0	2.6	1.7	2.3	3.8
67	3.7	3.1	1.8	13.9	TRACE	.0	.0	.0	.0	TRACE	1.3	4.0	13.9
68	1.3	2.1	4.1	1.7	.2	.0	.0	.0	.0	.2	3.9	3.3	4.1
MEAN	2.57	2.56	3.53	3.40	1.09	.00	TRACE	.01	.69	1.45	2.56	2.25	6.50
S.D.	1.865	1.778	2.605	4.527	2.562	.020	.000	.041	2.912	1.784	2.072	1.695	4.016
TOTAL OBS.	713	650	682	660	682	660	713	713	690	713	690	713	8279

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO/PETERSON FD (STATION NAME) 42-43, 45-68 (YEARS)

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV	DEC	ALL MONTHS
42									0	1 .0	0	0	SNOFALL DAYS
43	0	0	0	0	0	0	1 .0	0	0	0	0	0	SNOFALL DAYS
44	0	0	0	0	0	0	0	0	0	0	0	0	SNOFALL DAYS
45	0	0	0	0	1 .0	0	0	0	0	0	0	0	SNOFALL DAYS
46			4.2 28										SNOFALL DAYS
MEAN													
S. D.													
TOTAL OBS.													

USAF ETAC FORM JUL 64 0-88-5 (OL)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

93037 STATION | COLORADO SPRINGS COLO/PETERSON FD STATION NAME | 42-68 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	56.5	22.7	11.4	4.2	2.2	2.2	.7	-						20.8	806			
FEB	60.1	19.3	9.2	5.2	4.0	2.1	.1							20.7	706			
MAR	66.1	18.7	6.2	2.6	2.4	3.5	.3							15.2	744			
APR	87.1	5.7	2.7	1.3	.5	1.3	1.3							7.2	750			
MAY	97.9	1.4	.3	.1	.1	.1								.6	775			
JUN	100.0														750			
JUL	100.0														806			
AUG	100.0														806			
SEP	99.6	.1				.1	.1							.2	810			
OCT	95.6	2.5	1.0	.2	.1	.1	.2	.2						1.9	837			
NOV	75.4	14.3	4.2	3.0	.9	2.1	.1							10.2	810			
DEC	65.6	20.2	3.5	5.4	3.9	1.4	.1							14.2	837			
ANNUAL	83.7	8.7	3.2	1.6	1.2	1.1	.2	.0						7.4	9437			

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

93037 STATION | COLORADO SPRINGS COLO/PETERSON FD STATION NAME | 42-68 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC.	ALL MONTHS
42									0	TRACE	TRACE	3	
43	9	2	4	0	TRACE	0	0	0	0	0	4	2	9
44	TRACE			6	0	0	0	0	0	0	2	2	
45	5	7	TRACE	7	0	0	0	0	0	TRACE	1	TRACE	7
46	2	2	1	0	TRACE	0	0	0	0	2	5	3	8
47	7	5	4	1	0	0	0	0	0	0	3	4	7
48	8	3					0	0	0	TRACE	TRACE	2	
49	3	1	2	1	0	0	0	0	0	1	0	TRACE	3
50	1	TRACE	2	0	0	0	0	0	0	0	2	TRACE	2
51	4	3	TRACE	TRACE	0	0	0	0	TRACE	1	4	1	4
52	TRACE	TRACE	3	TRACE	0	0	0	0	0	0	2	2	3
53	TRACE	2	TRACE	3	2	0	0	0	0	1	4	1	4
54	2	TRACE	1	TRACE	3	0	0	0	0	TRACE	2	3	3
55	2	4	2	2	0	0	0	0	0	TRACE	2	TRACE	4
56	8	5	5	2	0	0	0	0	0	TRACE	6	3	8
57	3	1	2	12	5	0	0	0	0	TRACE	6	TRACE	12
58	1	1	4	1	0	0	0	0	0	TRACE	2	TRACE	4
59	1	4	4	10	0	0	0	0	12	20	TRACE	TRACE	20
60	1	3	3	1	TRACE	0	0	0	0	1	1	4	5
61	2	4	5	2	0	0	0	0	0	2	2	4	5
62	4	3	3	TRACE	0	0	0	0	0	0	4	TRACE	4
63	1	1	4	0	0	0	0	0	0	0	1	6	6
64	TRACE	2	10	TRACE	0	0	0	0	0	0	4	4	10
65	3	3	6	TRACE	0	0	0	0	0	0	TRACE	3	6
66	3	6	TRACE	1	1	0	0	0	0	1	2	3	6
67	3	3	1	3	TRACE	0	0	0	0	TRACE	1	8	8
68	2	3	4	2	0	0	0	0	0	TRACE	4	4	4
MEAN	2.7	2.6	3.0	2.2	.4	.0	.0	.0	.4	1.1	2.5	2.3	6.2
S.D.	2.323	1.893	2.359	3.236	1.193	.000	.000	.000	2.309	3.832	2.064	2.053	4.795
TOTAL OBS.	806	706	744	750	775	750	806	906	810	837	810	837	9437

USAF ETAC FORM 0-88-5 (OL)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

93037 COLORADO SPRINGS COLO/PETERSON FD 42-63
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP.	OCT	NOV.	DEC.	ALL MONTHS
44		TRACE	10										SNC DPTH
		20	30										DAYS
44			5										SNO DPTH
			27										DAYS
MEAN													
S.D.													
TOTAL OBS.													

USAF ETAC FORM JUL 64 0-88-5 (OL)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART C SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

   NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

   A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

   a. Three tables are prepared for all surface winds included, and for all years combined as follows:

      (1) Annual - all hours combined

      (2) By month - all hours combined

      (3) By month - by standard 3-hour groups

   b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

C

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

93037 STATION — COLORADO SPRINGS COLO/PETERSON FD STATION NAME — 46-48, 51-58, 67-68 YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46													
47			M 57	NNW 52	SSW 49	NNW 40	ESE 50	WNW 47	SSW 52	SSW 36	NW 47	W 40	
48	KNW 47	W 49											
49													
50													
51						NNW 46		W NW 47	NNW 45	NW 50	NW 54	WNW 49	NW 69
52	WSW 54	NW 50	WNW 64	SSW 44	NW	NNW 43	SSW 36	W 50	NE 47	NNW 38	NW 40	NW 53	WNW 50	NNW 64
53	WNW 59	NNW 56	SW 55	NNW 49	SSW 59	SSW 59	SSW 43	NW 39	NNW 55	NW 46	W 70	W 65	W 70
54	NW 64	NNW 63	WNW 73	NNW 45	S	46	SSW 76	NNW 51	NW 44	SW 64	NW 49	NW 54	WNW 70	SSW 78
55	SW 46	SW 56	N 49	W 44	SSW 42	S 36	SE 53	NE 30	NW 39	W 43	SSW 43	WNW 37	SW 56
56	NW 50	W 42	NW 52	SW 49	SW 53	NE 43	SW 49	N 33	SW 37	SSW 43	NNW 40	WNW 46	SW 53
57	SSW 47	WNW 49	NW 69	SW 43	W 39	NNW 40	NW 37	SSW 31	NNW 42	NNW 40	NW 42	WNW 49	NNW 69
58	NNE 41												
59													
60													
61													
62													
63													
64													
65													
66													
67					S	37 N	40 N	40 N	37 ENE	37 N	45 NW	43 WNW	48	
68	A	35 NNW	36 NW	50 N	46 SW	45 SSE	40 NE	44 SE	36 N	35 SSW	34 N	32 N	46	NW 50
MEAN	49.2	50.1	58.4	46.5	48.0	47.7	47.0	38.9	44.9	43.0	47.3	50.0		52.9
S.D.	8.857	8.476	9.164	5.162	6.745	10.260	5.963	6.523	9.756	5.944	10.264	10.176		10.238
TOTAL OBS.	275	227	245	240	279	299	309	304	298	310	300	310		3396

USAF ETAC FORM JUL 64 0-88-5 (OL)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

93037 STATION | COLORADO SPRINGS COLO/PETERSON FD STATION NAME | 46-48, 51-56, 67-68 YEARS

DAILY PEAK GUSTS IN KNOTS
/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT	NOV	DEC.	ALL MONTHS
46		MM 57		CALM									WINDS
	0	9		1	0	0	0	0	0	0	0	0	DAYS
47	M 70	MM 57	NNW 39										WINDS
	6	2	1										DAYS
48			M 47										WINDS
			27				0	0	0	0	0	0	DAYS
49													WINDS
	0	0	0	0	0	0	0	0	0	0	0	0	DAYS
50													WINDS
	0	0	0	0	0	0	0	0	0	0	0	0	DAYS
51													WINDS
	0	0	0	0	0								DAYS
52		NNW 36											WINDS
		20	0	0	0	0	0	0	0	0	0	0	DAYS
53													WINDS
	0	0	0	0	0	0	0	0	0	0	0	0	DAYS
54													WINDS
	0	0	0	0	0	0	0	0	0	0	0	0	DAYS
55													WINDS
	0	0	0	0	0	0	0	0	0	0	0	0	DAYS
56													WINDS
	0	0	0	0	0	0	0	0	0	0	0	0	DAYS
67													WINDS
	0	0	0	0	0	0	0	0	0	0	0	0	DAYS
68													WINDS
	0	0	0	0	0	0	0	0	0	0	0	0	DAYS
MEAN													
S.D.													
TOTAL OBS.													

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

93037 COLORADO SPRINGS COLO/PETERSON FD 46-48, 51-55, 67-68
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS
/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

YEAR \ MONTH	JAN	FEB	MAR.	APR.	MAY	JUN	JUL.	AUG	SEP.	OCT.	NOV.	DEC	ALL MONTHS
67	0	0	0	0									WINDS DAYS
MEAN													
S.D.													
TOTAL OBS.													

USAF ETAC FORM JUL 64 0-88-5 (OL)

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-60 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0000-0100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	4.0	9.7	2.3	.7	.2	.0					17.6	8.7
NNE	1.0	5.2	10.0	1.0	.3	.1						17.5	7.6
NE	.8	3.0	5.6	.7	.0							10.8	7.1
ENE	.6	2.6	2.3	.2	.1							5.8	6.6
E	.7	2.1	1.8	.7	.0	.0						5.1	6.9
ESE	.2	1.3	1.1	.5		.0						3.2	7.3
SE	.8	1.3	1.1	.3								3.5	6.3
SSE	.5	1.2	1.7	.7	.1	.1						4.3	7.9
S	.4	.8	.2	.3	.1	.0						1.9	6.0
SSW	.1	.6	.3	.2	.2	.1						1.5	10.1
SW	.2	.6	.1	.3	.2	.0						1.5	9.6
WSW	.2	.6	.3		.3	.1						1.5	9.0
W	.1	.3	.6	.0	.2	.2	.1		.0			2.2	11.3
WNW	.2	.0	.7	.1	.4	.0	.2	.0				2.6	11.4
NW	.4	1.4	2.2	1.1	1.1	.6	.0	.0				6.7	11.5
NNW	.3	2.4	5.0	2.8	1.1	.6	.1					12.3	10.5
VARBL													
CALM												1.9	
	7.1	29.4	42.4	11.2	4.9	2.3	.6	.1	.0			100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2093

ALLIED/KORY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23037	COLORADO SPRINGS COLO-PETERSON FD	43-68	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

0300-0500 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	4.9	8.9	2.7	.8	.2	.0					18.3	8.6
NNE	.6	4.9	10.6	1.2	.3	.0						17.6	7.6
NE	.6	5.0	5.3	.4	.1							11.4	6.6
ENE	.3	2.0	1.9	.3	.1							4.7	7.0
E	.2	1.7	1.6	.3	.1							3.8	7.2
ESE	.3	.8	1.0	.7	.1	.0						2.5	7.7
SE	.4	1.1	1.1	.3	.0							3.0	6.7
SSE	.2	1.1	1.4	.3	.1	.1						3.2	7.9
S	.5	.8	.5	.3	.2	.0						2.4	7.0
SSW	.2	.3	.3	.4	.3							1.4	9.8
SW	.3	.5	.2	.4	.3							1.7	8.9
WSW	.1	.5	.4	.1	.2	.1						1.5	10.0
W	.1	.5	.1	.4	.3	.1	.0					1.5	12.4
WNW	.3	.8	.4	.7	.3	.2	.1	.0				2.9	12.1
NW	.4	1.5	2.8	1.3	.9	.5	.1	.0				7.6	11.3
NNW	.5	2.5	5.4	3.5	1.4	.5	.1					14.0	10.6
VARBL													
CALM												2.5	
	6.0	28.7	42.0	12.9	5.6	1.9	.5	.1				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 2100

1210 WS FORM JUL. 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FORT BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-63 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	3.7	9.1	2.3	1.0	.4	.1					16.3	8.7
NNE	.7	5.1	9.0	1.5	.3	.0						16.7	7.7
NE	.6	3.6	5.2	.6		.0						10.1	7.0
ENE	.2	2.2	.8	.6								3.8	6.8
E	.6	1.8	1.0	.4	.0							3.8	6.3
ESE	.3	1.7	1.7	.3		.0						3.7	7.3
SE	.4	1.3	1.4	.2	.2	.0						3.5	7.3
SSE	.3	.9	1.4	.4	.0	.0						3.1	7.8
S	.4	1.1	.8	.6	.1	.0						3.0	7.8
SSW	.2	.6	.6	.3	.1	.1	.0	.0				1.8	10.4
SW	.3	.6	.4	.2	.2	.1						1.9	9.3
WSW	.2	.5	.2	.4	.1	.0						1.5	9.2
W	.1	.7	.5	.0	.2	.1		.0				1.8	10.1
WNW	.2	.9	.5	.5	.1	.2	.1	.0				2.6	10.8
NW	.6	2.2	2.5	1.5	.6	.4	.1					7.8	9.6
NNW	.2	2.0	5.9	4.1	1.2	.5		.0				14.0	10.0
VARBL													
CALM												2.1	
	6.0	30.3	40.3	13.9	4.5	2.3	.4	.2				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 2088

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

ALLIED/EGRY BUSINESS SYSTEMS 15624

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 43-68 YEARS | JAN MONTH

ALL WEATHER CLASS | 0900-1100 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.6	2.3	1.5	.5	.7	.2					8.5	10.1
NNE	.7	2.6	1.7	1.0	.2	.0						6.1	7.4
NE	.7	2.1	1.1	.4	.2							4.4	6.7
ENE	.8	1.3	.8	.2	.1							3.2	6.3
E	.9	1.8	1.3	.4	.0							4.4	6.6
ESE	1.0	2.7	2.0	.3	.3							6.3	6.8
SE	1.5	4.1	3.3	.9	.1							10.0	6.6
SSE	1.4	3.1	3.9	1.7	.5	.0						10.6	8.0
S	1.1	2.6	2.2	1.3	.1	.1						7.5	7.7
SSW	.9	2.2	1.0	1.0	.2	.3	.0					5.9	8.8
SW	.8	1.6	.8	.3	.3	.1		.0				3.9	8.0
WSW	.3	1.0	.5	.2	.2	.2	.0	.0				2.6	10.0
W	.6	.8	.5		.2	.1	.1	.1				2.4	9.3
WNW	.7	1.0	.3	.2	.2	.6	.2	.1				3.4	12.6
NW	.6	1.0	1.1	1.5	1.0	.7	.1					6.0	12.4
NNW	.6	1.9	2.4	2.4	1.5	.9	.1					9.9	11.9
VARBL													
CALM												4.9	
	13.3	32.9	25.1	13.2	5.9	4.0	.9	.3				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2100

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLSTED/PONY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 COLORADO SPRINGS COLO-PETERSON FD 43-68 JAN

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | 1200-1400

CLASS | HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.7	1.1	1.7	1.5	.9	.1					6.2	14.3
NNE	.1	.3	.7	.7	.3	.0						2.3	10.3
NE	.2	.4	.8	.4	.1							1.9	8.8
ENE	.3	.8	.7	.3	.1							2.2	7.7
E	.6	1.3	1.6	.2	.0							3.8	6.7
ESE	.8	2.4	3.6	.6	.0							7.4	7.1
SE	1.1	4.5	7.2	2.7	.3							15.9	8.0
SSE	.9	5.7	6.6	4.0	.9	.1						17.8	8.8
S	.8	2.9	5.0	2.4	.6	.0						11.8	8.8
SSW	.5	1.4	1.7	.6	.5	.4	.0					5.1	9.8
SW	.3	.8	.4	.3	.6	.3	.1					2.8	12.1
WSW	.3	.7	.3	.4	.3	.3	.2	.0	.0			2.2	15.5
W	.2	.1	.2	.4	.3	.5	.1	.0				1.9	16.3
WNW	.3	.5	.1	.7	.8	.7	.4	.1	.1			3.8	18.0
NW	.2	.3	.8	.9	.5	.5	.1					4.3	14.8
NNW	.2	.5	1.5	2.3	1.6	1.0	.1					7.3	14.4
VARBL													
CALM												3.1	
	7.2	22.8	32.4	18.7	9.1	5.2	1.1	.2	.2			100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 2107

ALLIED/FORY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 COLORADO SPRINGS COLO-PETERSON FD 43-68 JAN

STATION STATION NAME YEARS MONTH

ALL WEATHER 1500-1700

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.6	2.7	2.1	1.5	.8	.1					8.3	12.8
NNE	.3	1.1	1.8	1.3	.2	.1						4.9	9.4
NE	.5	1.0	1.9	.5	.1	.2						4.3	8.6
ENE	.7	1.0	1.4	.4	.1							3.6	6.9
E	.6	1.2	1.9	.3	.0							4.7	6.7
ESE	.6	2.2	2.9	.4	.1							6.2	7.1
SE	1.2	4.3	7.1	1.7	.2							14.6	7.6
SSE	.9	4.2	7.6	2.9	.6							16.1	8.3
S	1.0	2.1	4.0	1.5	.5	.0	.0					9.2	8.6
SSW	.2	1.4	1.0	.5	.9	.3						4.3	10.4
SW	.7	.5	.6	.3	.4	.0	.0					2.9	8.3
WSW	.1	.3	.1	.5	.3	.3	.0					1.8	13.4
W	.2	.4	.7	.2	.3	.3						2.3	12.2
WNW	.2	.3	.2	.7	.9	.3	.1	.0	.0			2.8	15.4
NW	.3	.7	1.4	1.6	1.2	.5	.0					5.7	12.8
NNW	.3	.9	1.4	1.6	1.3	.5	.1	.0				6.4	13.1
VARBL													
CALM												1.9	
	8.3	23.3	36.9	16.7	8.8	3.6	.5	.1	.0			100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 2094

ALLIED/FOST BUSINESS SYSTEMS
250524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 STATION | COLORADO SPRINGS COLO-PATERSON FD STATION NAME | 43-68 YEARS | JAN MONTH

ALL WEATHER CLASS

1800-2000 HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	4.1	6.5	2.5	1.2	.1	.0					15.4	8.9
NNE	.9	4.4	6.6	1.3	.3	.0						13.6	7.6
NE	.7	4.2	4.5	.5	.1							10.1	6.8
ENE	.7	2.1	1.8	.6	.0							5.4	6.9
E	.7	1.9	1.8	.3	.0							4.8	6.5
ESE	.6	1.9	2.1	.4	.0	.0						5.1	7.0
SE	.9	2.4	2.4	.8								6.5	6.9
SSE	.5	2.2	2.4	.8	.2	.0						6.2	7.7
S	.3	1.3	1.7	.5	.3	.0						4.2	8.5
SSW	.2	1.1	.3	.4	.2	.1						2.3	8.8
SW	.2	.4	.5	.4	.2	.1						1.8	10.2
WSW	.2	.3	.5	.1	.2	.0						1.4	9.5
W	.1	.3	.1	.3	.3	.1	.0	.0	.0			1.5	13.3
WNW	.2	.6	.9	.6	.4	.1	.1	.0				3.0	11.5
NW	.4	1.0	1.5	1.2	.8	.2	.1					5.2	11.3
NNW	.4	2.2	4.9	2.5	1.0	.4						11.5	10.2
VARBL													
CALM												2.1	
	7.9	30.7	38.5	13.5	5.3	1.5	.3	.1	.0			100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 2095

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGBY BUSINESS SYSTEMS 150824

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 43-68 YEARS | JAN MONTH

ALL WEATHER CLASS

2100-2300 HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	4.0	7.8	2.3	.5	.2	.0	.0				16.1	5.4
NNE	.6	5.5	10.4	1.0	.0	.0						17.6	7.4
NE	.8	4.4	4.5	.5	.1							10.3	6.9
ENE	.3	2.5	1.8	.5	.0							5.1	6.9
E	.5	2.1	1.4	.3	.0							4.3	6.3
ESE	.6	1.9	1.1	.3	.0							3.9	6.3
SE	.7	2.1	1.9	.6	.1							5.5	7.1
SSE	.3	1.1	1.9	.7	.2	.0						4.3	8.6
S	.3	.6	.9	.4	.2	.1						2.6	8.7
SSW	.2	.8	.5	.3	.1							2.0	7.[illegible]
SW	.0	.4	.5	.2	.2	.1	.1					1.5	11.7
WSW	.1	.2	.2	.1	.2	.1	.1					1.1	14.2
W	.1	.5	.5	.1	.2	.2	.1		.0			1.9	12.4
WNW	.1	.3	1.1	.3	.2	.1	.2	.2				3.1	12.3
NW	.5	1.6	2.4	1.3	.7	.3	.1	.0				6.9	10.2
NNW	.5	3.0	4.1	2.5	1.1	.2	.2	.0				11.7	10.0
VARBL													
CALM												2.1	
	6.8	31.8	41.1	11.4	4.0	1.5	.9	.3	.0			100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 2094

ALLIED/EBEY BUSINESS SYSTEMS 130524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-58 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	3.3	6.0	2.2	.9	.4	.1	.0				13.7	9.4
NNE	.6	3.7	6.3	1.1	.3	.1						12.0	7.8
NE	.6	3.1	3.6	.5	.1	.0						7.9	7.0
ENE	.5	1.8	1.4	.4	.1							4.2	6.8
E	.6	1.8	1.5	.4	.1	.0						4.3	6.6
ESE	.6	1.8	1.9	.4	.1	.0						4.7	7.0
SE	.9	2.7	3.2	.9	.1	.0						7.8	7.3
SSE	.6	2.4	3.4	1.4	.3	.1						8.2	8.3
S	.6	1.6	1.9	.9	.3	.1	.0					5.3	8.4
SSW	.3	1.0	.7	.5	.3	.2	.0	.0				3.0	9.5
SW	.4	.7	.4	.3	.3	.1	.0	.0				2.3	9.6
WSW	.2	.5	.3	.2	.2	.2	.1	.0	.0			1.7	11.5
W	.2	.5	.4	.2	.3	.2	.1	.0	.0			1.9	12.0
WNW	.3	.7	.5	.5	.4	.3	.2	.1	.0			3.0	13.2
NW	.4	1.2	1.8	1.3	.9	.5	.1	.0				6.3	11.5
NNW	.4	1.7	3.8	2.7	1.3	.6	.1	.0				10.9	11.2
VARBL													
CALM												2.6	
	7.8	28.7	37.3	13.9	6.0	2.8	.6	.2	.0			100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 16771

ALLEN/KAPP BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-68 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	4.7	9.3	2.5	.9	.4	.2					18.8	8.9
NNE	.8	5.8	8.8	1.3	.5	.2						17.3	7.7
NE	.3	4.0	3.7	.4	.2	.1						9.3	6.8
ENE	.0	2.4	1.7	.2								4.9	6.3
E	.5	1.9	1.6	.2								4.2	6.3
ESE	.4	1.3	1.3	.0	.1							3.9	7.4
SE	.5	2.0	2.2	.1	.1							4.9	6.5
SSE	.2	1.0	2.1	.3	.1							4.3	7.3
S	.2	1.3	1.1	.3								2.8	6.8
SSW	.4	.8	.8	.3	.2							2.1	7.4
SW	.2	.3	.4	.2	.1			.1				1.4	9.1
WSW	.3	.3	.2	.1								1.1	6.1
W	.7	.8	.3				.1					1.9	7.1
WNW	.2	1.3	.8	.3	.4	.1	.1					3.4	10.0
NW	.1	1.7	2.1	1.2	.9	.4	.2					6.4	11.4
NNW	.3	2.3	3.7	3.0	1.6	1.1	.2	.1				12.2	12.1
VARBL													
CALM												1.7	
	5.8	33.6	39.6	11.2	5.1	2.2	.8	.1				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 1899

ALLIED/LEAR BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-68 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	4.7	8.9	3.3	.9	.5	.1					19.0	9.1
NNE	.6	4.8	5.4	1.5	.5	.1						12.8	7.8
NE	.5	4.3	3.9	1.0								9.7	6.9
ENE	.3	2.2	1.0	.2	.2	.1						4.0	7.2
E	.2	1.5	1.3	.2		.1						3.2	6.8
ESE	.2	1.3	1.1	.2		.1						2.9	6.8
SE	.5	1.9	.9	.3	.1							3.6	6.0
SSE	.4	2.1	1.3	.3	.1							4.3	6.6
S	.1	1.0	.6	.5	.1							2.3	8.3
SSW	.3	.5	.4	.2	.2	.1						1.7	9.9
SW	.4	.7	.3	.2								1.6	5.8
WSW	.3	.7	.2	.1	.2			.1				1.4	7.9
W	.4	.8	.6	.3	.2							2.1	7.8
WNW	.1	1.0	.7	.5	.4	.3	.1	.1				3.1	12.2
NW	.3	1.9	2.5	1.1	.9	.9	.1					7.6	11.4
NNW	.6	3.3	5.2	4.1	1.2	.6	.4	.1				15.4	10.7
VARBL													
CALM												2.2	
	5.7	32.6	37.3	13.9	4.9	2.5	.6	.2				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 1890

ALLIED/EGAY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 43-68 YEARS | FEB MONTH

ALL WEATHER CLASS

CONDITION

0600-0800 HOURS (L S T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	6.3	6.7	2.5	1.0	.5						17.5	8.7
NNE	.5	4.9	6.4	.7	.2	.2						12.8	7.3
NE	.9	4.1	3.3	.3	.2							8.9	6.6
ENE	.3	2.4	1.1	.4	.3	.1						4.7	7.2
E	.4	1.3	1.3	.2	.1	.1						3.4	7.0
ESE	.5	1.5	1.7	.5	.2	.1						4.4	8.0
SE	.4	1.9	1.4	.5	.1							4.2	6.8
SSE	.3	1.9	1.2	.6	.2	.1						4.3	7.7
S	.1	1.2	.5	.3	.1	.1						2.3	8.1
SSW	.2	.9	.3	.2	.2							1.8	7.4
SW	.1	1.0	.4	.1	.2							1.8	7.3
WSW	.2	.7	.1	.1	.1							1.1	6.2
W	.3	.7	.3	.2		.2	.1					1.7	9.2
WNW	.6	1.3	.8	.6	.6	.4	.1	.1				4.2	11.4
NW	.5	2.5	2.3	1.6	1.1	.4	.1					8.4	10.2
NNW	.5	3.3	5.6	3.4	1.8	1.1	.3	.1				15.8	11.1
VARBL													
CALM												2.7	
	6.4	35.9	33.3	12.0	5.9	3.1	.5	.1				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 1918

1210 WS FORM JUL 64 0-8-5 (D61 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/ZIRAY BUSINESS SYSTEMS 130524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 STATION | COLORADO SPRINGS CO,G-PETERSON FD STATION NAME | 43-68 YEARS | FEB MONTH

ALL WEATHER CLASS | 0900-1100 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.4	1.7	1.8	1.1	.8	.2					7.6	12.4
NNE	.6	1.4	1.0	.6	.5	.2						4.4	8.6
NE	.4	1.4	.5	.4	.1	.1						2.8	7.1
ENE	.4	.8	.6	.1	.2							2.0	6.7
E	.5	1.5	1.1	.2	.1	.2						3.6	7.2
ESE	1.0	1.9	2.0	.4	.2	.2						5.7	7.4
SE	1.0	4.9	4.3	1.4	.1							12.3	6.7
SSE	1.4	3.5	5.1	1.8	.8	.1						12.7	8.1
S	1.2	3.7	3.2	1.2	.5	.3						10.1	6.0
SSW	1.0	1.8	2.1	1.0	.2	.1						6.2	7.8
SW	.9	1.1	.9	.5	.1	.2	.1	.1				3.8	8.9
WSW	.3	1.0	.4	.2	.2	.2	.1					2.3	9.1
W	.7	.6	.2	.2	.4	.2	.3	.1				2.5	12.6
WNW	.3	1.4	.4	.8	.8	.5						4.1	12.0
NW	.3	1.2	1.1	1.4	1.0	.6	.1	.1				5.7	12.2
NNW	.6	1.2	1.8	2.3	2.2	1.5	.3	.1				10.0	14.4
VARBL													
CALM												4.1	
	11.7	29.0	26.4	14.1	8.4	5.0	1.0	.3				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 1923

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/KAY-E INDEX SYSTEMS 150424

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-66 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.5	.3	2.0	1.3	1.3	.2	.1				5.8	16.6
NNE	.2	.2	.9	.9	.7	.5						3.5	13.5
NE	.2	.5	.7	.5	.2							2.0	9.5
ENE	.3	.9	.4	.2	.1	.1						1.9	7.6
E	.3	1.3	.9	.2	.1	1	.1					3.0	7.4
ESE	.4	2.9	2.7	.7	.2							6.9	7.4
SE	.5	4.2	6.4	3.2	.2	.1						14.9	8.2
SSE	.9	3.6	8.2	4.4	1.3	.3						18.8	9.6
S	.5	3.6	5.0	2.3	.9	.2						12.4	9.1
SSW	.2	1.3	1.8	.9	.4	.4	.2					5.0	10.9
SW	.3	.9	.5	.7	.3	.4	.4	.1				3.7	13.5
WSW		.6	.4	.5	.4	.3	.1	.1				2.3	13.7
W	.3	.2	.1	.3	.3	.4	.2					1.7	15.6
WNW	.2	.4	.5	1.2	1.1	1.3	.5					5.0	17.3
NW	.1	.4	.6	1.2	.8	.5	.3					3.9	15.2
NNW	.1	.4	1.2	2.4	1.6	1.7	.7					7.9	17.0
VARBL													
CALM												1.4	
	4.8	21.9	30.6	21.5	9.7	7.4	2.6	.2				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 1912

ALLIED/ERNY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 43-68 YEARS | FEB MONTH

ALL WEATHER CLASS

CONDITION

1900-1700 HOURS (L S T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.9	1.2	2.0	1.9	.6	.1					6.6	14.6
NNE	.2	.7	1.3	1.6	.9	.4						5.4	12.3
NE	.1	.6	1.0	.5	.2	.1						3.0	9.7
ENE	.1	.9	1.	.4	.1							2.9	8.1
E	.1	1.3	1.	.5	.1							3.3	7.3
ESE	.4	1.4	2.3	.6	.3	.1	.1	.1				5.1	8.7
SE	.4	4.3	7.2	3.2	.5							15.5	8.9
SSE	.6	3.7	7.4	4.1	2.1	.1						18.1	9.6
S	.4	1.7	4.7	1.6	.7							9.3	9.2
SSW	.5	1.4	1.6	.8	.3	.2						4.9	9.1
SW	.3	.8	1.1	1.2	.3	.3	.1					4.0	11.0
WSW	.1	.7	.3	1.0	.3	.2	.1					2.6	12.0
W	.1	.2	.4	.3	.3	.4	.1					1.7	15.2
WNW		.3	.7	.6	1.4	1.1	.3					4.7	17.3
NW	.1	.3	.6	1.4	.9	.4		.1				3.9	14.7
NNW	.1	.6	1.6	2.6	1.5	.8	.4	.1				7.9	14.9
VARBL													
CALM												1.2	
	3.7	19.7	34.2	23.4	11.7	4.9	1.0	.2				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 1911

ALLIED/EBRY BUSINESS SYSTEMS 150024

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 43-66 YEARS | FEB MONTH

ALL WEATHER CLASS

1200-2000 HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.8	4.8	2.2	.9	.1						11.0	9.0
NNE	.5	3.5	4.5	1.7	.7	.3						11.2	8.8
NE	.9	3.2	2.3	.8	.2							6.9	7.2
ENE	.2	2.2	2.0	.3	.1							4.7	5.8
E	.3	2.0	1.5	.9		.1						4.2	7.0
ESE	.4	2.2	2.5	.3	.1	.1						5.7	7.3
SE	.9	2.7	4.8	1.3	.2							9.4	7.9
SSE	.8	2.4	4.6	1.8	.2							9.6	8.2
S	.4	2.3	1.5	.9	.2	.1						4.6	7.3
SSW	.9	.8	1.0	.5	.2	.1						3.3	9.2
SW	.1	.5	.2	.4	.2							1.3	9.1
WSW	.2	.2	.2	.9	.2							1.1	10.7
W	.2	.4	.4	.4	.3							1.6	10.9
WNW	.2	.7	1.1	.7	.8	.3	.1					3.9	12.0
NW	.2	1.6	2.5	1.6	.9	.5	.1	.1				7.0	11.0
NNW	.5	2.3	3.6	3.5	1.9	.5	.2					12.5	11.5
VARBL													
CALM												1.5	
	5.7	29.7	37.4	17.0	6.4	2.0	.4	.1				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 1897

ALLIED/FONT BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-68 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	3.6	6.4	1.9	1.1	.2	.1					14.4	6.7
NNE	.5	5.0	7.9	1.1	.4	.2						15.0	7.8
NE	1.0	4.3	3.8	.5	.1							9.6	6.5
ENE	.6	1.9	1.8	.9								4.7	6.5
E	.9	3.0	1.5	.2		.1						5.2	6.3
ESE	.5	1.8	1.7	.2	.3	.1						4.5	7.3
SE	.5	3.1	2.6	.5								6.4	6.5
SSE	.6	1.6	2.3	.4	.2							5.1	7.4
S	.3	1.3	1.1	.2	.2							3.0	7.3
SSW	.2	.6	.4	.3	.2							1.7	6.4
SW	.2	.6	.5	.5	.1							1.9	8.5
WSW	.2	.4	.3	.1	.1	.1						1.1	8.1
W	.2	.7	.5	.2	.2				.1			1.8	8.6
WNW	.1	.5	.8	.5	.4	.5	.2	.2				3.2	14.4
NW	.5	1.6	2.1	1.2	.6	.1	.2					6.2	9.6
NNW	.5	2.2	5.6	3.0	1.6	1.0	.3					14.1	11.4
VARBL													
CALM												2.1	
	7.2	32.5	39.2	10.9	5.2	2.1	.6	.2	.1			100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 1900

ALLIED/EGRY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-66 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	3.1	4.9	2.3	1.1	.6	.1	.0				12.7	9.5
NNE	.5	3.3	4.9	1.2	.5	.2						10.6	8.4
NE	.5	2.9	2.4	.6	.1	.0						6.5	7.0
ENE	.4	1.7	1.2	.3	.1	.0						3.7	6.9
E	.3	1.3	1.3	.3	.0	.1	.0					3.8	6.9
ESE	.5	1.8	1.9	.5	.2	.1	.0	.0				4.9	7.6
SE	.6	3.1	3.7	1.3	.1	.0						8.9	7.6
SSE	.7	2.6	4.0	1.7	.6	.1						9.7	8.7
S	.4	2.0	2.2	.9	.3	.1						5.9	8.4
SSW	.4	1.0	1.0	.6	.2	.1	.0					3.3	8.9
SW	.3	.8	.6	.5	.2	.1	.1	.0				2.5	9.7
WSW	.2	.6	.2	.3	.2	.1	.0	.0				1.6	9.9
W	.3	.5	.3	.2	.2	.1	.1	.0	.0			1.8	10.9
WNW	.2	.8	.7	.7	.7	.6	.2	.0				3.9	13.6
NW	.2	1.4	1.8	1.3	.8	.5	.1	.0				6.1	11.6
NNW	.4	2.0	3.5	3.0	1.6	1.0	.3	.0				12.0	12.4
VARBL													
CALM												2.1	
	6.4	29.4	34.7	15.5	7.2	3.6	.9	.2	.0			100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 15246

ALLIED/KEBY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-68 (YEARS) 4AR (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	3.1	6.5	2.5	.9	.4						14.0	9.3
NNE	.6	5.4	5.7	1.7	.6	.1	.0					14.1	7.9
NE	.8	3.5	3.5	.5	.1	.1						8.5	6.9
ENE	.4	3.5	1.8	.2	.0							5.9	6.0
E	.6	2.0	1.7	.1								4.4	6.1
ESE	.3	2.1	2.5	.2	.2	.1						5.4	7.5
SE	1.0	2.1	3.1	.4	.1							6.7	6.8
SSE	.5	1.5	3.0	1.0	.1							6.2	7.9
S	.2	1.3	1.3	.8	.3							3.9	8.6
SSW	.2	.5	.7	.3	.4	.1	.0					2.2	10.5
SW	.0	.4	.2	.1	.2	.0						1.0	10.2
WSW	.2	.3	.3	.2	.3	.1	.0					1.5	10.8
W	.1	.6	.4	.2	.1	.1	.0					1.6	9.8
WNW	.3	.7	.5	.4	.4	.4	.4					3.2	13.7
NW	.3	1.3	1.9	1.1	1.0	.5	.2	.0				6.4	11.8
NNW	.4	2.1	4.4	3.2	1.9	1.2	.2					13.3	12.2
VARBL													
CALM												1.5	
	6.7	30.5	37.5	12.9	6.8	3.1	1.0	.0				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 2080

ALLIED/EBBY BUSINESS SYSTEMS
150624

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-68 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	3.6	6.1	3.0	.9	.3		.0				14.6	9.3
NNE	.6	4.0	6.5	1.8	.7	.1						14.3	8.2
NE	.7	4.3	4.4	.2	.1							9.8	6.6
ENE	.6	2.7	1.6	.1	.1							5.1	6.1
E	.8	1.8	1.1	.0	.1							3.8	5.8
ESE	.3	1.7	1.3	.4		.0						3.8	6.2
SE	.4	1.7	1.4	.6	.1							4.3	7.2
SSE	.8	1.5	1.7	1.2								5.3	7.6
S	.2	.9	1.1	.3	.2							2.7	7.9
SSW	.3	.7	.5	.6	.3							2.4	8.8
SW	.2	.7	.1	.3		.2						1.6	6.8
WSW	.2	.3	.5	.1	.1	.2		.0				1.5	11.2
W	.3	.2	.0	.3	.1	.1	.2	.0				1.9	12.5
WNW	.5	.9	1.2	.3	.5	.5	.2		.1			4.1	12.1
NW	.3	1.6	1.8	1.2	.8	.5	.1					6.3	10.9
NNW	.3	3.2	4.2	4.2	3.0	1.2	.3	.1				16.6	12.0
VARBL													
CALM												1.0	
	7.4	30.5	34.0	14.8	7.1	3.3	.8	.2	.1			100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 2082

1210 WS FORM JUL 64 0-8-5 (Del. 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLSTATE/EBERT BUSINESS SYSTEMS 160524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-68 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	3.4	5.1	2.1	1.3	.2	.1					12.1	9.4
NNE	.5	4.2	3.8	1.4	.5	.0						10.4	7.7
NE	.7	4.3	2.0	.5	.2	.0						8.0	6.3
ENE	.9	2.2	1.2	.3	.0							4.6	5.7
E	.9	2.1	.9	.2	.0							4.1	5.1
ESE	.4	2.3	1.3	.3	.1							4.5	6.6
SE	.6	2.2	1.9	.7	.1	.0	.0					5.5	7.4
SSE	.3	1.9	1.6	.6	.3	.0						4.7	8.0
S	.8	1.4	1.4	.7	.1	.0						4.5	7.5
SSW	.5	.8	.3	.4	.3	.0						2.4	8.2
SW	.6	.9	.2	.2	.1							2.1	6.1
WSW	.3	.5	.2	.2	.0	.0	.2	.1				1.7	11.9
W	.5	1.0	.3	.3	.2	.2	.1					2.6	9.1
WNW	.6	1.4	.8	.5	.8	.2	.1	.2	.1	.0		4.8	12.3
NW	.7	2.1	2.3	1.0	.8	.7	.1	.0	.0			7.8	11.0
NNW	.6	3.7	4.0	3.4	2.7	1.2	.4					16.1	11.8
VARBL													
CALM												3.2	
	10.1	34.3	27.3	12.9	7.7	2.9	1.1	.3	.2	.0		100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 2108

1210 WS FORM JUL-64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EBNY BUSINESS SYSTEMS 15-1824

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-68 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L S T.))

(CONDIT-ON)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.8	1.6	1.9	1.9	1.2	.0	.0	.0			7.0	14.6
NNE	.3	1.0	1.3	.7	.4	.1	.0					3.7	10.2
NE	.6	.6	.5	.4	.2							2.1	9.1
ENE	.4	.9	.9	.2			.0					2.5	8.2
E	.8	1.7	1.5	.3								4.1	6.2
ESE	.9	2.3	2.5	.6	.2	.0	.0					6.6	7.3
SE	1.1	3.7	3.8	1.2	.6	.0						12.3	7.7
SSE	1.3	4.7	3.9	3.1	.8	.1						16.0	8.3
S	.9	2.1	3.4	1.7	.7	.2						9.0	9.0
SSW	.7	1.3	2.3	.7	.3	.4	.1	.0				7.1	9.6
SW	.3	1.0	.9	.7	.4	.5	.2					4.2	11.1
WSW	.1	.8	.8	.3	.2	.4	.0					2.7	11.2
W	.4	.1	.3	.4	.2	.4	.1					2.0	14.3
WNW	.2	.3	.6	.3	.7	.9	.3	.1	.1	.1		4.3	17.4
NW	.2	.4	1.0	1.1	1.1	.9	.2	.1				5.3	15.0
NNW	.4	.5	1.1	1.9	2.2	1.3	.5	.2				8.4	16.7
VARBL													
CALM												2.5	
	9.0	23.4	29.9	18.0	9.8	6.8	1.8	.6	.2	.1		100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 2108

1210 WS FORM JUL. 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FEDY BUSINESS SYSTEMS
150324

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-66 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.6	.8	1.4	1.9	1.1	.3	.0				6.1	16.6
NNE	.1	.5	.6	1.1	1.1	.5						4.1	13.7
NE	.2	.2	.9	.7	.3	.0						2.9	9.6
ENE	.1	.2	.7	.3	.1	.0						2.1	8.4
E	.3	.9	1.4	.2		.0						2.8	7.3
ESE	.2	1.6	2.4	.3	.2							5.1	8.1
SE	.2	2.9	5.5	2.8	.5	.0						12.0	9.0
SSE	.0	2.9	5.3	7.1	2.6	.4	.0					18.3	11.1
S	.6	2.3	3.6	2.7	1.5	.4						10.6	10.7
SSW	.3	1.4	2.6	1.2	1.0	1.1	.2	.0				8.1	12.3
SW	.3	.6	1.0	.7	.9	.3	.3					4.1	13.1
WSW	.0	.5	.3	.6	.6	.6	.1					3.2	15.1
W	.2	.3	.5	.2	.5	.6	.2	.1				2.7	16.3
WNW	.0	.4	.5	.8	1.2	1.3	.3	.3				4.8	19.2
NW	.1	.2	.5	.7	.9	1.0	.6	.0				4.1	18.5
NNW	.0	.6	1.3	1.4	2.0	1.5	.7	.0	.0			7.6	17.5
VARBL													
CALM												.9	
	3.5	17.2	28.1	22.8	14.9	9.1	2.9	.6	.0			100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 2104

ALLEN/EGBY SYSTEMS SYSTEMS

150324

1210-WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-68 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.5	1.3	2.3	2.6	1.1	.1	.0				8.0	15.6
NNE	.1	.6	1.7	1.5	.9	.3						5.2	12.2
NE	.1	.6	1.0	.9	.6	.0	.1					3.2	11.5
ENE	.1	.9	.9	.2	.1		.0					2.3	8.5
E	.1	.9	1.1	.2	.0							2.4	7.2
ESE	.0	.7	1.3	.7	.3							3.2	9.7
SE	.2	1.2	4.6	3.4	1.0	.0						10.5	10.7
SSE	.5	1.6	4.7	6.5	2.3	.1						15.8	11.6
S	.2	1.3	3.6	3.8	1.4	.3	.0					10.6	11.7
SSW	.1	1.2	2.1	1.4	1.3	.6	.3	.0				7.2	13.3
SW	.3	.8	1.0	1.3	1.0	.4	.1					5.0	12.7
WSW	.1	.1	1.2	1.1	.6	.2	.1					3.5	13.0
W	.0	.3	.9	.9	.9	.5	.1					3.6	14.5
WNW	.1	.2	.6	1.9	1.6	1.0	.5	.0				5.8	17.4
NW	.1	.6	1.1	1.1	1.2	.8	.1	.0				5.1	14.9
NNW	.1	.6	1.3	2.0	2.0	1.2	.4	.1				7.7	15.6
VARBL													
CALM												1.0	
	2.3	12.3	28.4	29.3	17.7	6.7	2.0	.3				100.0	12.7

TOTAL NUMBER OF OBSERVATIONS 2075

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/KENT BUSINESS 150324

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-68 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.8	3.4	2.7	1.4	.1	.1					9.9	10.9
NNE	.2	1.6	2.5	1.7	.5	.3						6.8	10.0
NE	.3	1.9	3.3	1.2	.2	.0						7.0	8.1
ENE	.2	1.4	1.4	.7	.0							3.8	7.8
E	.1	1.9	1.9	.3	.0							4.2	7.1
ESE	.5	2.0	2.8	.6	.0	.0						6.0	7.4
SE	.4	2.5	5.3	1.5	.1							10.1	7.9
SSE	.6	2.4	5.8	1.9	.2							10.9	8.4
S	.2	1.5	2.7	1.4	.2	.1						6.2	9.1
SSW	.1	.9	1.2	.7	.7	.0						3.7	10.2
SW	.4	.5	.5	.5	.3		.0					2.3	9.7
WSW	.1	.6	1.1	.3	.3							2.5	9.4
W	.1	.6	.8	.4	.2	.1	.1					2.4	10.9
WNW	.2	.6	1.3	.9	.6	.2	.1	.0				4.0	12.0
NW	.2	1.5	2.2	2.5	.9	.3						7.7	11.1
NNW	.1	1.7	3.9	3.3	1.2	1.1	.1	.0				11.4	12.1
VARBL													
CALM												1.2	
	4.5	23.5	40.2	20.6	7.0	2.4	.4	.1				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 2073

1210-1/5 FORM JUL 64 0-0-5 (1961 ED.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGAY BUSINESS SYSTEMS

150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-68 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	3.0	5.2	2.6	.8	.3	.0					12.7	9.3
NNE	.5	4.3	4.7	1.4	.6	.1	.0					11.5	8.3
NE	.4	4.4	2.7	.4	.2							8.1	6.8
ENE	.3	2.5	1.7	.3	.1							4.9	6.6
E	.5	2.4	1.5	.2	.1	.1						4.9	6.8
ESE	.3	2.7	1.7	.5	.1	.1						5.4	7.2
SE	.6	2.6	3.2	1.3	.0							7.7	7.4
SSE	.4	2.1	3.9	1.3	.2							7.9	8.4
S	.4	1.3	1.4	.9	.1							4.2	8.1
SSW	.4	.6	.9	.7	.3							3.0	9.5
SW	.1	.3	.4	.0	.1	.2						1.7	9.1
WSW	.2	.4	.2	.1	.4							1.3	10.1
W	.2	.4	.3	.3	.1							1.3	8.5
WNW	.4	.6	1.1	.5	.4	.2	.1		.0			3.7	10.9
NW	.2	1.4	2.9	1.4	.7	.6	.1					7.3	11.3
NNW	.2	1.3	5.0	3.0	2.0	.9	.2	.0				12.7	12.1
VARBL													
CALM												1.6	
	6.0	30.8	37.0	14.9	6.5	2.6	.5	.0	.0			100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 2077

ALLIED/HENRY BUSINESS SYSTEMS 150624

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-68 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.0	3.7	2.3	1.4	.6	.1	.0	.0			10.7	11.1
NNE	.4	2.8	3.3	1.4	.7	.2	.0					8.8	9.0
NE	.5	2.3	2.3	.6	.3	.0	.0					6.2	7.5
ENE	.4	1.9	1.3	.3	.1	.0	.0					3.9	6.7
E	.5	1.7	1.4	.2	.0	.0						3.8	6.5
ESE	.4	2.0	2.0	.5	.1	.0	.0					5.0	7.5
SE	.6	2.3	3.9	1.5	.3	.6	.0					8.6	8.3
SSE	.6	2.3	4.0	2.9	.7	.1	.0					10.7	9.5
S	.6	1.5	2.3	1.3	.6	.1	.0					6.5	9.6
SSW	.4	1.0	1.3	.8	.6	.3	.1	.0				4.5	10.9
SW	.3	.7	.5	.5	.4	.2	.1					2.7	10.9
WSW	.2	.4	.6	.4	.3	.2	.1	.0				2.2	12.0
W	.2	.3	.5	.4	.3	.3	.1	.0				2.3	12.5
WNW	.3	.7	.8	.7	.8	.6	.2	.1	.1	.0		4.3	14.7
NW	.3	1.2	1.7	1.3	.9	.7	.3	.0	.0			6.3	12.7
NNW	.3	1.7	3.1	2.8	2.1	1.2	.4	.1	.0			11.7	13.3
VARBL													
CALM												1.7	
	6.2	25.3	32.8	18.0	9.7	4.6	1.3	.3	.1	.0		100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 16727

ALLIED/GRAY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 43-47,49-68 YEARS | APR MONTH

ALL WEATHER CLASS | 0000-0200 HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	3.3	7.8	2.7	1.4	.3	.1					16.1	9.7
NNE	.7	4.5	6.3	1.2	.2	.1						13.1	7.6
NE	1.0	4.2	3.8	.3	.2	.1						9.8	6.7
ENE	.5	1.9	1.9	.3								4.5	6.6
E	.5	2.4	1.7	.3	.2	.1						5.1	6.8
ESE	.3	1.4	1.7	.4	.2							3.9	7.4
SE	.5	1.9	3.6	.9	.2							7.0	7.9
SSE	.2	1.4	2.3	1.2	.4							5.5	9.2
S	.2	1.1	1.1	.7	.1							3.2	8.0
SSW		.7	.3	.7	.3	.1	.1					2.1	11.8
SW	.2	.5	.6	.4	.3	.1						2.1	10.5
WSW	.1	.4	.4	.3	.1							1.1	9.0
W	.1	.5	.3	.2	.1	.1	.1					1.3	10.4
WNW	.1	.8	.8	.7	.4	.3	.1					3.1	11.4
NW	.3	1.5	2.0	1.2	.7	.7	.1					6.5	11.3
NNW	.4	2.5	5.1	3.4	1.7	.8	.3	.2				14.2	11.6
VARBL													
CALM												1.3	
	5.4	29.0	39.6	15.0	6.3	2.6	.5	.2				100.0	8.9

TOTAL NUMBER OF OBSERVATION 1937

ALLIED/EGRY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	4.6	8.0	2.8	1.4	.4		.1				17.9	9.5
NNE	.5	4.1	7.8	1.2	.5	.1						14.1	7.9
NE	.4	4.3	4.0	.7	.1	.1						9.4	7.1
ENE	.1	2.1	1.4	.3	.1							3.9	6.6
E	.3	1.4	1.4	.3	.1							3.5	7.1
ESE	.2	1.3	1.5	.5	.1							3.8	7.8
SE	.4	1.8	3.0	1.4	.2							6.8	8.5
SSE	.4	1.2	2.2	1.1	.2							5.0	8.5
S	.1	.7	1.0	.5	.1							2.4	8.5
SSW	.2	.5	.4	.5	.2	.1						1.9	9.7
SW	.2	.5	.2	.3	.4	.1						1.5	11.2
WSW	.2	.6	.4	.4	.1							1.6	8.6
W	.2	.6	.2	.1	.1	.1						1.2	8.3
WNW	.2	1.1	.4	.4	.9	.5	.2	.1				3.1	12.9
NW	.6	1.5	2.3	1.7	.3	.4						7.0	9.8
NNW	.3	3.3	5.8	3.6	1.3	1.3	.2	.1				15.7	11.1
VARBL													
CALM												1.3	
	4.6	29.5	40.1	15.7	5.4	2.7	.4	.2				100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 1938

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGNY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.7	4.9	2.7	1.4	.7	.1	.1				14.2	10.1
NNE	.9	3.3	2.6	1.2	.5	.1	.1					8.6	8.0
NE	.6	2.4	2.0	.5	.1							5.5	6.6
ENE	.4	1.6	1.1	.4	.3	.1						3.9	7.6
E	.8	2.0	1.4	.4								4.5	6.1
ESE	.6	1.5	1.2	.3	.1	.2						3.9	7.3
SE	1.2	2.0	3.2	1.1	.1							7.7	7.5
SSE	1.0	2.0	2.5	1.9	.8	.1						8.2	9.1
S	.9	2.1	2.0	1.3	.3	.2						6.6	8.3
SSW	.8	.9	.7	.9	.3	.1	.1					3.7	8.9
SW	.4	.9	.4	.2	.2		.1					2.1	7.7
WSW	.4	.7	.2	.2	.1							1.5	6.9
W	.4	.9	.3	.2	.1	.1						2.0	7.4
WNW	.8	1.2	.4	.5	.3	.3	.1	.1				3.7	10.0
NW	.8	1.8	2.3	1.4	.6	.5	.1					7.5	9.9
NNW	.8	2.7	3.3	2.5	2.1	1.2	.2	.2				13.0	12.1
VARBL													
CALM												3.5	
	12.2	28.8	28.6	15.6	7.1	3.4	.6	.3				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 1942

ALLIED/FORT BUSINESS SYSTEMS 130524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.6	1.2	2.2	2.1	.9	.3					7.5	15.2
NNE	.2	.8	.9	1.2	.9	.1	.1					4.2	12.2
NE	.1	.5	1.1	.6	.3	.1						2.6	10.2
ENE	.5	1.0	1.0	.5	.2	.1						3.1	7.9
E	.5	.7	1.2	.3	.1	.1						2.9	7.6
ESE	.4	1.3	2.1	.4	.2	.1	.1					4.4	8.1
SE	.9	2.4	5.5	2.2	.5							11.5	8.5
SSE	.7	3.4	7.0	5.7	2.1	.5						19.3	10.7
S	.8	2.7	4.2	3.0	1.8	.2	.1					12.8	10.2
SSW	.6	2.0	2.9	1.4	1.1	.4	.2	.1				8.7	10.8
SW	.4	1.0	1.3	.4	.2	.2	.1	.1				3.6	9.5
WSW	.3	.6	.3	.6	.1	.2						2.1	9.8
W	.2	.4	.5	.2		.4						1.8	11.5
WNW	.1	.5	.5	.7	.5	.7	.1	.1				3.1	15.2
NW	.3	.3	.4	.4	.6	.5	.1					2.6	14.4
NNW	.1	.4	1.7	1.7	1.5	1.5	.6	.1				7.6	16.6
VARBL													
CALM												2.1	
	6.0	18.9	31.9	21.7	11.9	5.7	1.5	.2				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 1939

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS 150824

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.3	1.2	1.3	1.5	1.2	.5	.1				6.4	16.2
NNE	.1	.5	1.3	.8	.9	.4	.1					3.9	13.2
NE	.3	.2	.9	1.4	.1	.1						2.9	11.0
ENE		.5	.9	.7	.2	.1						2.3	10.8
E	.2	.9	.7	.5	.1	.1	.1					2.4	9.0
ESE	.3	1.0	2.3	.7	.2	.1						4.6	8.7
SE	.4	1.2	3.8	3.0	.6	.1						9.1	10.4
SSE	.3	2.1	4.9	6.3	3.7	.9						18.4	12.7
S	.1	1.3	4.4	4.4	2.7	.8	.1					13.8	12.8
SSW	.1	1.1	2.6	2.1	1.4	.9	.1					8.2	12.8
SW	.3	1.0	.8	1.1	1.0	.9	.3	<.1	.1			5.6	14.8
WSW		.3	.5	1.5	.5	.4						3.1	14.2
W	.1	.2	.5	.9	.6	.4						2.6	15.1
WNW	.1	.3	.3	1.4	.6	.9	.6					4.1	18.1
NW	.1	.5	.8	.8	1.1	.6	.1					3.9	14.3
NNW	.2	.6	1.3	1.9	1.7	1.9	.5					8.1	16.5
VARBL													
CALM												.8	
	2.7	11.7	27.2	29.0	16.7	9.6	2.2	.1	.1			100.0	13.1

TOTAL NUMBER OF OBSERVATIONS 1944

ALLIED/FORT BUSINESS SYSTEMS 150534

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.5	1.0	1.8	2.4	.9	.4	.1				7.0	16.5
NNE	.1	.3	1.3	1.6	.7	.2	.1					4.3	12.8
NE	.1	.8	1.1	2.0	.5	.1						4.6	11.5
ENE	.1	.6	1.0	.7	.5							2.8	10.3
E	.2	.5	1.4	.5	.2							2.7	9.0
ESE	.1	.7	1.2	1.1	.5	.1						3.5	10.6
SE	.3	1.1	3.1	3.8	1.2	.1						9.5	11.4
SSE	.1	.9	3.6	5.8	3.0	.4						13.8	13.0
S	.2	1.3	3.0	3.9	2.2	.4						11.4	12.4
SSW	.2	.9	2.1	1.8	2.0	.8	.1					7.9	13.5
SW	.1	.3	1.4	1.8	1.6	.8	.2	.1				6.3	15.3
WSW	.2	.5	.8	.8	1.1	.4	.1		.1			3.9	14.2
W	.1	.3	.5	.9	.8	.3						2.9	14.1
WNW	.2	.6	.6	1.4	1.2	1.3	.2	.1				5.3	16.2
NW	.2	.6	.8	1.6	1.0	.8	.1					5.1	14.6
NNW	.1	.3	1.7	2.5	2.0	1.3	.5					8.4	15.9
VARBL													
CALM												.6	
	2.0	10.2	24.7	31.6	21.3	7.7	1.6	.2	.1			100.0	13.4

TOTAL NUMBER OF OBSERVATIONS 1932

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGNY BUSINESS SYSTEMS

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 53-67,69-68 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.8	3.1	2.7	1.5	.5						8.8	11.3
NNE	.1	1.0	2.4	1.8	.8	.3	.1					6.4	11.2
NE	.2	1.3	3.0	1.1	.3	.1						5.8	8.9
ENE	.2	1.3	1.9	.7	.2	.1						4.3	8.4
E	.4	1.3	1.7	.5	.4							4.2	8.2
ESE	.1	1.2	3.1	1.1	.2	.1						5.8	8.7
SE	.3	1.4	4.5	2.5	.4	.1						9.4	9.7
SSE	.5	1.5	5.0	2.3	.7	.2		.1				10.1	9.6
S	.1	2.2	3.7	1.3	.2							7.6	8.4
SSW	.2	1.3	1.5	1.5	.5	.1						5.8	10.3
SW	.3	1.0	.9	1.1	.5	.3	.1					4.1	11.1
WSW	.2	.2	.5	.5	.1							1.8	9.6
W	.1	.3	.7	.3	.1	.1						1.8	9.8
WNW	.1	1.1	1.1	.5	.5	.7	.1					4.4	12.5
NW	.1	1.3	3.0	1.6	1.3	.6	.1					8.0	11.9
NNW	.2	1.2	4.2	3.6	1.2	1.0	.2					11.5	12.2
VARBL													
CALM												1.1	
	3.2	18.6	40.3	23.7	8.6	3.8	.6	.1				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 1939

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/GARY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

2100-2300 (HOURS (L S T.))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.5	6.3	2.8	1.4	.5	.1					14.3	10.1
NNE	.6	3.4	4.3	1.2	.4	.2						10.0	8.0
NE	.4	2.8	3.1	.9	.3							7.4	7.7
ENE	.4	1.8	2.0	.3	.1							4.5	7.0
E	.8	2.0	1.7	.4								4.8	6.2
ESE	.4	2.3	2.2	.6	.4							5.8	7.8
SE	.7	2.7	3.0	1.4	.4	.1						8.3	8.1
SSE	.2	2.2	3.2	1.6	.4							7.5	8.7
S	.6	1.2	2.1	.7	.2	.1						4.8	7.9
SSW	.2	.9	.8	.6	.3							2.8	8.9
SW	.2	.6	.6	.5	.4		.1					2.3	10.0
WSW	.1	.2	.4	.4	.1	.1	.1					1.2	11.8
W	.3	.3	.5	.2		.2						1.3	8.3
WNW		.7	.6	.2	.4	.2	.1					2.1	11.1
NW	.4	2.0	2.5	1.4	.9	.5	.1					7.8	10.5
NNW	.3	1.9	4.8	3.8	1.7	1.3	.2					14.1	12.2
VARBL													
CALM												.9	
	5.9	27.7	38.1	16.8	7.2	2.9	.5					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 1947

ALTER/ROW BUSINESS SYSTEMS 150824

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.0	4.2	2.4	1.6	.7	.2	.0				11.5	11.4
NNE	.4	2.2	3.4	1.3	.6	.2	.0					8.1	9.1
NE	.4	2.0	2.4	.9	.2	.1						6.0	8.1
ENE	.3	1.4	1.4	.5	.2	.0						3.7	7.9
E	.5	1.4	1.4	.4	.1	.0	.0					3.8	7.3
ESE	.3	1.4	1.9	.6	.2	.1	.0					4.5	8.3
SE	.6	1.8	3.7	2.1	.4	.0						8.7	9.1
SSE	.4	1.8	3.8	3.3	1.4	.2		.0				11.0	10.8
S	.4	1.6	2.7	2.0	1.0	.2	.0					7.8	10.4
SSW	.3	1.0	1.4	1.2	.8	.3	.1	.0				5.0	11.4
SW	.2	.7	.8	.7	.6	.3	.1	.0	.0			3.4	12.2
WSW	.2	.5	.4	.6	.3	.1	.0		.0			2.0	11.3
W	.2	.5	.4	.4	.2	.2	.0					1.9	11.2
WNW	.2	.8	.6	.7	.5	.6	.2	.0				3.6	13.8
NW	.3	1.2	1.8	1.3	.8	.6	.1					6.0	11.6
NNW	.3	1.6	3.5	2.9	1.6	1.3	.3	.1				11.6	12.0
VARBL													
CALM												1.5	
	5.2	21.8	33.8	21.1	10.6	4.8	1.0	.2	.0			100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 15518

ALLIED/DEKY BUSINESS SYSTEMS 130524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

0000-0200 (HOURS (L.S.T.))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	3.4	5.9	3.1	.8	.6	.1					14.2	9.9
NNE	.6	4.7	6.1	1.7	.5		.1					13.0	7.7
NE	.5	5.2	3.4	.6	.2	.1						9.9	6.9
ENE	.4	2.5	1.4	.3	.1	.1						4.6	6.6
E	.3	1.8	2.4	.4								4.8	7.1
ESE	.5	2.1	2.1	.5		.1						5.2	7.1
SE	.3	1.2	3.4	1.1	.2							6.7	8.7
SSE	.4	1.2	2.1	1.2	.1	.1						5.0	8.9
S	.4	.7	1.1	.3	.3							2.7	8.5
SSW	.2	1.0	.8	.7	.1							2.7	8.0
SW	.2	.8	.3	.2	.1	.1	.1					1.4	8.4
WSW	.1	.7	.2	.1			.1					1.1	8.6
W	.1	.6	.4	.1								1.0	6.5
WNW	.1	1.2	1.2	.4	.1							2.8	7.3
NW	.5	1.9	2.7	1.6	.9	.3	.1					7.8	10.1
NNW	.3	2.4	5.7	4.3	2.1	.6	.2					15.5	11.4
VARBL													
CALM												1.7	
	4.9	31.5	38.7	15.6	5.3	1.8	.5					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 1993

ALLIED/EDDY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 43-47,49-68 YEARS | MAY MONTH

ALL WEATHER CLASS | 0300-0500 HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	4.3	6.9	3.3	1.0	.5	.1					16.9	7.3
NNE	.8	4.8	7.6	1.0	.3		.1					14.5	7.4
NE	.7	4.9	3.6	.4	.2							9.8	6.5
ENE	.4	2.3	1.5	.2	.1							4.3	6.3
E	.6	1.9	.9	.3	.1							3.6	6.3
ESE	.4	1.1	1.2	.1	.1							2.8	6.6
SE	.4	1.4	2.7	1.0	.2							5.6	8.5
SSE	.3	1.3	2.4	1.1	.3	.1						5.5	9.0
S	.1	.7	1.2	.5	.1							2.5	8.5
SSW	.2	.8	.5	.5	.3	.2						2.3	9.8
SW	.1	.7	.2	.1								1.1	6.0
WSW	.2	.4	.1	.1	.1	.1						.8	6.9
W	.2	.6	.2	.1								1.0	5.8
WNW	.2	.8	.6	.3	.3	.1						2.3	9.1
NW	.3	1.8	3.0	1.6	.6	.2						7.3	9.7
NNW	.3	3.4	6.1	4.3	2.6	.6	.1	.1				17.3	11.2
VARBL													
CALM												3.1	
	5.7	30.9	38.4	14.4	5.9	1.6	.2	.1				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2000

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/ERMY BUSINESS SYSTEMS 180824

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.4	3.2	2.7	1.3	.2	.1					10.7	10.4
NNE	1.3	3.0	1.8	1.0	.2	.0						7.4	7.1
NE	.6	1.7	.9	.5	.1	.0						3.9	6.9
ENE	.5	.9	1.2	.1	.0							2.8	6.4
E	.8	1.6	.6		.0							3.0	5.2
ESE	1.0	2.0	1.3	.2	.1							4.7	6.0
SE	1.1	2.8	3.1	1.7	.2	.0						9.0	7.8
SSE	1.2	2.6	4.2	2.4	.8	.1						11.5	9.0
S	.8	1.7	2.3	1.3	.5	.1						6.6	9.0
SSW	.3	1.4	.9	.6	.4	.2	.2					4.1	10.2
SW	.5	1.1	.3	.2	.1	.1	.0					2.4	7.9
WSW	.4	.5	.4	.2	.0							1.6	6.5
W	.6	.7	.3	.2	.1	.0						2.0	6.9
WNW	.1	.9	.9	.5	.1							2.7	8.2
NW	.7	1.4	2.0	1.9	.7	.2	.0					7.0	10.2
NNW	.7	2.2	4.1	3.1	2.8	1.2	.1					14.4	12.3
VARBL													
CALM												5.8	
	11.7	27.0	27.8	16.8	7.8	2.4	.5					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 2004

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/CENT BUFFNESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

0900-1100 (HOURS (L S T.))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.8	1.5	2.1	1.1	.3						6.2	12.3
NNE	.1	.6	1.1	1.4	.2	.0						3.6	10.4
NE	.2	.9	.8	.6	.4	.1	.0					3.1	10.4
ENE	.0	1.3	.9	.1		.0						2.5	6.9
E	.2	.8	.7	.3		.0						2.2	7.6
ESE	.5	1.6	2.7	1.1								6.2	7.7
SE	.5	2.6	5.0	3.9	.8	.0						12.8	9.6
SSE	.5	2.8	6.5	6.7	1.8	.4	.1					18.8	11.0
S	.5	2.1	5.0	4.9	1.2	.6						14.0	10.8
SSW	.7	1.2	1.9	1.3	1.1	1.0	.2					7.6	12.4
SW	.3	1.0	.9	.4	.4	.3	.2					3.6	11.2
WSW	.0	.7	.5	.3	.1	.1	.1					2.0	11.1
W	.4	.6	.5	.2	.3	.1						2.3	9.0
WNW	.1	.3	1.1	.6	.2	.1	.1					2.7	11.5
NW	.3	.3	1.1	1.0	.6	.4	.0	.0				4.0	13.8
NNW	.3	.7	2.0	2.0	1.4	.6	.2					7.3	13.2
VARBL													
CALM												1.1	
	5.3	18.9	32.4	26.7	9.8	4.6	1.1	.0				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 2013

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/ESSI BUSINESS SYSTEMS 150324

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 43-47,49-68 YEARS | MAY MONTH

ALL WEATHER CLASS | 1200-1400 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56	%	MEAN WIND SPEED
N	.4	.4	1.1	1.1	1.2	.4	.1					4.8	13.4
NNE	.3	.3	1.4	1.4	.5	.0						4.1	11.1
NE	.1	.4	1.1	.9	.2	.1		.0				2.9	11.0
ENE		.5	.9	.3	.0							1.8	8.4
E	.1	.7	.8	.5	.1							2.3	8.6
ESE	.1	1.0	2.3	1.2	.2							4.9	9.1
SE	.3	1.4	3.9	4.1	1.2	.1	.0					11.3	11.1
SSE	.2	1.2	6.3	7.2	3.9	.9	.3					20.0	13.1
S	.1	1.3	3.2	5.6	1.9	1.2	.0					13.7	13.0
SSW	.2	1.1	2.4	2.0	2.6	.9	.3	.1				9.9	14.2
SW	.3	.7	1.7	1.1	1.1	.7	.3	.1				6.0	14.0
WSW	.0	.7	.6	1.1	.5	.1	.2					3.4	13.1
W	.2	.1	.6	.3	.5	.1						2.1	12.8
WNW	.4	.3	.6	.6	.4	.3	.0					2.8	11.7
NW		.4	.8	.9	.5	.7	.1					3.8	14.7
NNW	.1	.5	1.3	1.2	1.1	.7	.3					5.3	14.6
VARBL													
CALM												.6	
	3.0	11.5	29.3	30.1	16.4	6.4	1.9	.3				100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 2002

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/ESSP BUSINESS SYSTEMS 190324

DATA PROCESSING & VISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 43-47,49-68 YEARS | MAY MONTH

ALL WEATHER CLASS

1900-1700 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N	.1	.5	1.5	1.6	1.0	.9	.1					5.8	14.3
NNE	.1	.5	1.6	1.6	.9	.2						4.9	12.4
NE	.2	.7	1.3	1.2	.5	.2	.0	.0				4.4	11.8
ENE	.2	.4	1.4	1.1	.1	.0						3.3	10.2
E	.0	.8	.9	.5	.4							2.8	10.9
ESE	.1	1.0	2.0	1.4	.3	.0	.0					5.1	9.9
SE	.3	.9	3.2	3.3	1.3	.4	.1					9.6	12.0
SSE	.1	1.0	4.0	6.7	2.1	.8	.1	.1				15.0	13.2
S	.1	.8	3.5	3.	1.8	.3	.0					10.4	12.3
SSW	.1	1.0	1.7	1.9	1.9	1.3	.5					8.6	15.0
SW	.0	1.0	2.0	1.9	1.1	.8	.6	.1				7.6	14.7
WSW	.0	.3	.9	.6	.7	.3	.0					3.0	13.7
W	.0	.5	1.2	.8	.4	.2						3.3	11.3
WNW	.1	.5	.9	1.6	.7	.4	.1					4.4	13.2
NW	.1	.5	1.5	1.5	.8	.4						4.9	12.7
NNW	.0	.5	.9	2.1	1.2	1.1	.2	.0				6.3	15.4
VAPBL													
CALM												.7	
	1.9	11.2	28.7	31.8	15.6	7.7	2.0	.3				100.0	12.8

TOTAL NUMBER OF OBSERVATIONS 2013

1210-WS FORM JUL 64 0-8-5 (Del-50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.4	2.5	2.3	1.7	.5	.1					8.7	12.4
NNE	.2	1.1	2.4	2.0	.6	.2						6.7	10.7
NE	.1	1.2	2.9	1.5	.4	.1						6.3	9.8
ENE	.1	1.3	1.7	.5	.3							4.1	8.7
E	.1	1.0	2.1	.7	.2							4.1	8.7
ESE	.2	2.1	2.9	1.3	.0							6.7	8.1
SE	.2	1.8	4.5	2.5	.5	.2	.1					9.9	10.0
SSE	.2	2.0	4.0	2.7	.3	.0	.0					9.4	9.6
S	.4	2.1	3.1	1.0	.2	.1						6.9	8.3
SSW	.1	1.4	1.6	1.1	.4	.0						4.7	9.5
SW	.2	1.1	1.4	1.3	.6	.3	.1					5.2	11.4
WSW	.1	.6	.7	.8	.3	.0						2.6	10.2
W	.1	.6	.9	.5	.1	.0	.0					2.4	9.3
WNW	.1	.6	1.1	.9	.2	.1						3.1	10.4
NW	.1	1.4	2.9	2.2	1.1	.2	.1					8.2	11.2
NNW	.1	1.8	3.0	3.3	1.4	.8	.0					10.5	12.1
VARBL													
CALM												.7	
	2.9	21.8	37.7	24.5	8.6	2.9	.7					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 2015

ALLIED/GRAY BUSINESS SYSTEMS 150624

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 43-47,49-68 YEARS | MAY MONTH

ALL WEATHER CLASS | 2100-2300 HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.9	5.2	3.6	1.3	.6	.1					14.0	10.5
NNE	.8	3.4	4.0	1.4	.7	.2						10.2	8.4
NE	.7	2.4	3.1	.9	.3	.1						7.3	7.7
ENE	.3	2.0	1.8	.4	.2							4.5	7.1
E	.2	1.9	1.8	.2	.1							4.1	6.7
ESE	.3	1.9	1.9	.6	.1	.1	.1					4.8	7.8
SE	.4	2.0	3.6	1.0	.2	.2						7.3	8.7
SSE	.3	2.1	4.1	1.2	.1							7.7	8.0
S	.5	1.6	2.3	1.1	.3	.1						5.8	8.5
SSW	.3	1.0	.9	.4	.4							2.9	9.0
SW	.4	.4	.7	.4	.2							2.0	8.3
WSW	.2	.8	.3	.1		.1						1.4	6.7
W	.1	.5	.6	.1	.1	.1						1.5	7.8
WNW	.1	.9	.8	.3	.7							2.2	8.4
NW	.5	1.6	2.7	2.2	.4	.1						7.4	9.7
NNW	.4	2.5	5.0	4.1	2.0	.9	.2					15.6	11.4
VARBL													
CALM												1.9	
	5.5	27.3	39.1	17.4	6.4	2.2	.3					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 1998

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FRAY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.0	3.5	2.5	1.2	.5	.1					10.2	10.9
NNE	.5	2.3	3.2	1.4	.5	.1	.0					8.0	8.7
NE	.4	2.2	2.1	.9	.3	.1	.0	.0				5.9	8.2
ENE	.2	1.4	1.3	.4	.1	.0						3.5	7.5
E	.3	1.3	1.3	.4	.1	.0						3.4	7.4
ESE	.4	1.6	2.1	.8	.1	.0	.0					5.0	7.9
SE	.4	1.8	3.7	2.3	.6	.1	.0					9.0	9.7
SSE	.4	1.8	4.2	3.6	1.2	.3	.1	.0				11.6	10.9
S	.4	1.4	2.7	2.2	.6	.3	.0					7.8	10.6
SSW	.3	1.1	1.3	1.1	.9	.5	.2	.0				5.3	12.2
SW	.3	.8	.9	.7	.4	.3	.2	.0				3.7	11.9
WSW	.1	.6	.5	.4	.2	.1	.1					2.0	10.7
W	.2	.5	.6	.3	.2	.1	.0					1.9	9.3
WNW	.2	.7	.9	.7	.3	.1	.0					2.9	10.3
NW	.3	1.2	2.1	1.6	.7	.3	.1	.0				6.3	11.0
NNW	.3	1.8	3.6	3.0	1.8	.8	.2	.0				11.5	12.2
VARBL													
CALM												2.0	
	5.1	22.5	34.0	22.2	9.5	3.7	.9	.1				100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 16038

1210 W3 FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS 150324

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) · COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	4.4	7.4	2.8	1.1	.3						16.7	9.1
NNE	.7	4.8	9.0	1.2	.4	.2						16.2	7.8
NE	.5	3.6	3.6	.5	.2	.1						8.6	7.0
ENE	.2	2.6	1.7	.1								4.6	6.2
E	.3	1.9	2.2	.4								4.8	6.9
ESE	.4	1.7	2.1	.4								4.6	7.0
SE	.2	2.0	2.5	.7		.1						5.4	7.7
SSE	.4	1.4	2.5	.6	.1							5.0	7.9
S	.3	1.5	1.2	.4	.1							3.5	7.2
SSW	.2	.5	.5	.3	.1							1.5	7.7
SW	.2	.3	.6	.1	.1							1.2	7.0
WSW	.2	.4	.2	.1								.8	5.6
W	.2	.6	.2	.2								1.0	6.4
WNW	.3	.6	.8	.4	.1							2.1	7.8
NW	.4	1.8	2.5	1.5	.6	.2						7.0	9.4
NNW	.5	2.3	7.0	2.7	2.0	.5						15.4	10.3
VARBL													
CALM												1.7	
	5.4	31.0	43.9	12.2	4.6	1.1						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 1937

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/KORY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	5.4	9.6	3.3	1.2	.3						20.7	8.9
NNE	.9	5.9	9.8	1.0	.2							17.8	7.2
NE	.6	4.6	4.0	.3	.1							9.6	6.4
ENE	.5	1.7	1.0	.1								3.2	6.1
E	.7	1.7	1.2	.1								3.7	5.6
ESE	.7	2.0	1.2	.2								4.1	5.9
SE	.6	1.5	2.0	.4	.1							4.5	6.8
SSE	.4	1.3	1.8	.6								4.1	7.4
S	.2	.9	1.1	.5	.1	.1						2.9	8.6
SSW	.3	.8	.2		.1	.1	.1					1.4	6.9
SW	.2	.3	.3		.1							.8	6.5
WSW	.1	.3	.1									.6	4.5
W	.1	.4	.2									.7	5.7
WNW	.3	1.3	.7	.1	.1		.1					2.5	7.5
NW	.6	1.6	2.1	1.0	.6	.2	.1	.1				6.1	9.5
NNW	.4	2.9	6.1	3.6	1.5	.6						15.0	10.4
VARBL													
CALM												2.2	
	7.2	32.9	41.5	10.9	3.8	1.2	.2	.1				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 1941

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGAY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.6	3.5	2.3	.5	.3	.1					10.0	9.3
NNE	.8	3.8	2.3	.9	.2	.1	.1					8.0	7.2
NE	1.1	2.6	.7	.1								4.4	5.1
ENE	.8	2.0	.5	.1								3.4	5..
E	.9	2.6	.8	.1	.2							4.5	5.8
ESE	1.0	2.5	1.8	.2								5.4	6.0
SE	1.4	4.0	2.9	1.1	.2							9.6	6.8
SSE	1.2	3.3	4.4	1.9	.6	.1						11.4	8.2
S	1.2	2.1	2.8	1.3	.4	.1						7.8	8.1
SSW	1.2	1.6	1.1	.5	.2	.1						4.6	6.8
SW	.7	.9	.3	.4	.1							2.3	6.1
WSW	.7	.6	.3		.1							1.6	5.1
W	.5	.7	.1		.1							1.4	4.8
WNW	.6	1.1	.8	.2	.1							2.7	6.4
NW	1.0	2.4	1.9	1.0	.1		.2					6.5	7.6
NNW	1.2	2.3	4.0	2.6	1.4	.4						11.9	10.1
VARBL													
CALM												4.4	
	15.0	34.9	28.0	12.5	3.9	1.0	.3					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 1940

ALLIED/EGRY BUSINESS SYSTEMS 150324

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.6	1.2	1.1	.5	.1						3.5	10.9
NNE	.3	1.0	1.5	.8	.1							3.8	8.6
NE	.4	.5	.8	.5	.2							2.4	8.4
ENE	.4	.6	1.3	.5	.1							3.0	7.6
E	.4	1.0	1.0	.7								2.9	7.8
ESE	.3	2.0	2.8	.9	.1							6.2	7.8
SE	.5	3.4	6.1	3.2	1.3	.3						14.7	9.6
SSE	.9	2.8	9.7	6.9	3.4	.4						24.1	11.3
S	.6	2.5	5.0	4.1	2.0	.4						14.8	10.8
SSW	1.0	1.9	2.0	1.7	1.2	.4		.1				8.2	10.5
SW	.2	1.0	.6	1.0	.6	.4						3.8	12.6
WSW	.1	.6	.4	.6	.2	.1						1.9	10.2
W	.3	.5	.3	.2	.1	.1	.1					1.3	8.7
WNW	.3	.7	.5	.2	.2	.1	.1					1.9	8.5
NW	.2	.7	.8	.2								1.9	7.3
NNW	.3	.5	1.3	1.0	.7	.6						4.5	12.4
VARBL													
CALM												1.1	
	6.4	20.5	35.3	23.6	10.3	2.7	.1	.1				100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 1936

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EBNY BUSINESS SYSTEMS 150824

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 43-47,49-68 YEARS | JUN MONTH

ALL WEATHER CLASS

CONDITION

1200-1400 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - ?	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.2	.9	.6	.3	.2	.1					2.3	13.1
NNE	.2	.5	1.0	1.2	.5							3.3	10.9
NE	.3	.4	1.3	1.2	.5	.2						4.0	11.5
ENE	.1	.5	1.3	.7	.2							3.0	9.3
E	.2	1.0	1.3	1.0	.2							3.7	8.9
ESE	.3	.8	2.7	1.1	.3	.1						5.3	9.7
SE	.2	1.1	4.6	3.9	1.7	.5	.1					12.0	11.9
SSE	.3	1.9	5.7	8.6	5.2	1.3		.1				22.9	13.4
S	.3	1.1	3.4	5.3	3.8	1.1		.1	.1			15.1	13.8
SSW	.1	1.0	2.3	3.5	2.5	1.4	.2	.3				11.2	14.9
SW	.2	.7	1.1	1.0	1.2	.6	.1	.1	.1			5.1	14.0
WSW	.1	.5	.7	.5	.5	.2						2.4	12.5
W	.3	.4	.3	.4	.1	.1	.2					1.5	11.0
WNW	.1	.1	.7	.6	.2	.3	.1					1.9	13.6
NW	.1	.6	.5	.6	.2	.1						2.1	10.6
NNW	.1	.8	.7	1.2	.9	.2						3.8	12.5
VARBL													
CALM												.3	
	2.6	11.8	28.4	31.4	18.2	6.2	.6	.4	.1			100.0	12.6

TOTAL NUMBER OF OBSERVATIONS 1939

1210 WS FORM JUL. 64 0-8-5 (Det. 50). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FEBY BUSINESS SYSTEMS 130524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

1500-1700 (HOURS (L S T))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.4	1.2	1.1	.8	.6	.1					4.3	13.4
NNE	.2	.5	1.4	1.4	.7	.3						4.4	12.0
NE	.2	.6	1.7	1.6	1.0	.1						5.2	11.8
ENE	.1	.8	1.5	.9	.2	.1						3.4	9.5
E	.3	.8	1.5	.9	.4	.1						3.9	9.8
ESE	.2	1.1	2.1	1.2	.6	.1	.1					5.2	10.2
SE	.1	1.3	3.0	4.8	2.5	.6	.1					12.4	12.9
SSE	.5	1.5	4.3	6.1	3.5	.7						16.6	12.8
S	.1	1.2	3.7	4.5	3.0	1.1	.1	.1				13.7	13.8
SSW		.7	1.3	2.5	2.1	1.1	.4					8.2	15.6
SW	.2	.8	1.0	1.7	1.6	1.0	.3					6.6	15.2
WSW	.1	.2	.5	.7	.5	.1						2.0	12.8
W	.1	.4	.6	.8	.3	.2	.1					2.5	12.7
WNW	.1	.2	.8	.9	.4	.3						2.6	12.9
NW	.2	.6	1.1	.9	.6	.2	.1					3.6	12.1
NNW	.1	.7	1.3	1.1	.9	.8	.1					4.9	13.5
VARBL													
CALM												.4	
	2.2	11.5	27.1	31.2	19.1	7.2	1.2	.1				100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 1946

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS
150824

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

930.7 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.0	2.7	1.8	.6	.5	.1					6.9	11.2
NNE	.1	1.5	2.9	2.1	.6	.3						7.4	10.7
NE	.3	1.4	2.0	1.1	.4	.1						5.2	9.2
ENE	.2	1.5	2.2	1.0	.1	.1						5.1	8.6
E	.3	.9	2.5	1.0	.4							5.1	9.1
ESE	.1	1.6	3.4	1.6	.7	.1						7.3	9.7
SE	.2	2.1	5.0	2.7	1.1	.3						11.4	10.3
SSE	.3	1.5	4.1	3.3	1.0	.1						10.2	10.5
S	.4	1.5	3.1	2.3	.5	.1	.1					7.8	9.9
SSW	.3	2.0	1.5	1.3	.6	.2						5.8	9.5
SW	.2	1.0	2.0	1.2	.5	.2	.1					5.2	10.5
WSW	.2	1.1	.4	.4	.2	.1						2.3	8.3
W	.1	.6	.9	.3	.3	.2						2.4	10.0
WNW	.2	.4	1.2	.9	.2	.1	.1					3.0	10.3
NW	.3	1.9	2.3	1.2	.3	.1						5.1	8.8
NNW	.2	1.0	2.6	2.2	1.1	.7	.2					8.1	12.2
VARBL													
CALM												.7	
	3.1	21.3	39.0	24.3	8.6	2.6	.4					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 1937

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/ARMY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.9	6.0	2.1	.9	.4	.1					12.8	9.4
NNE	.4	2.5	4.6	1.5	.4							9.5	8.3
NE	.7	2.9	3.3	.7	.3	.1						8.0	7.4
ENE	.5	2.0	2.3	.3								5.0	6.6
E	.6	2.3	3.2	1.0	.2							7.2	7.8
ESE	.3	1.4	2.2	.6	.1							4.6	7.7
SE	.4	1.6	3.1	1.1	.1							6.2	8.1
SSE	.3	1.9	3.3	1.1	.1	.1						6.7	8.3
S	.3	1.5	1.8	.5	.2	.1						4.3	8.1
SSW	.2	1.2	1.0	.3	.1	.1	.1					2.8	8.2
SW	.4	.6	.7	.3	.1	.1						2.0	7.9
WSW	.3	.5	.2	.3								1.2	6.6
W	.2	.5	.5	.1	.1							1.3	8.0
WNW	.3	1.0	.8	.5	.2	.1	.1					2.8	9.0
NW	.5	2.1	3.0	1.6	.5	.3						7.9	9.1
NNW	.6	3.4	5.1	4.4	1.4	.6	.1					15.6	10.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	1.9	
	6.0	28.3	41.1	16.3	4.4	1.7	.3					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 1939

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EONY BUSINESS SYSTEMS 150824

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

ALL (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.2	4.1	1.9	.3	.3	.0					9.6	9.7
NNE	.4	2.6	4.1	1.3	.4	.1	.0					8.8	8.4
NE	.5	2.1	2.2	.8	.3	.1						5.9	8.0
ENE	.3	1.5	1.5	.4	.1	.0						3.8	7.3
E	.5	1.5	1.7	.6	.2	.0						4.5	7.7
ESE	.4	1.6	2.3	.8	.2	.0	.0					5.3	8.2
SE	.4	2.1	3.6	2.2	.9	.2	.0					9.5	9.8
SSE	.5	2.0	4.5	3.6	1.7	.3		.0				12.6	11.0
S	.4	1.9	2.8	2.4	1.3	.4	.0	.0	.0			8.7	11.2
SSW	.4	1.2	1.2	1.2	.9	.4	.1	.0				5.5	11.7
SW	.3	.7	.8	.7	.5	.3	.1	.0	.0			3.4	11.7
WSW	.2	.5	.3	.3	.2	.0						1.6	9.0
W	.2	.5	.4	.2	.1	.1	.0					1.5	9.1
WNW	.2	.7	.8	.5	.2	.1	.0					2.4	9.4
NW	.4	1.5	1.8	1.0	.4	.1	.0	.0				5.1	9.2
NNW	.4	1.8	3.5	2.4	1.2	.3	.0					9.9	10.9
VARBL													
CALM												1.6	
	6.0	24.0	35.5	20.3	9.1	3.0	.4	.1	.0			100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 15514

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/KENT BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-68 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56	%	MEAN WIND SPEED
N	1.0	5.6	10.0	1.1	.5	.1						19.3	7.5
NNE	.5	5.8	7.4	1.1								14.8	7.0
NE	.9	4.2	4.5	.3								9.8	6.4
ENE	.4	2.9	1.8	.1								5.2	6.0
E	.6	2.4	1.5	.2								4.7	5.9
ESE	.4	2.1	1.3	.1								4.1	6.2
SE	.5	2.3	2.1	.5								5.3	6.8
SSE	.1	1.2	1.4	.4								3.1	7.2
S	.1	.7	.8	.1	.0							1.8	6.5
SSW	.4	.6	.2	.0								1.2	5.0
SW	.2	.2	.1	.1								.6	5.7
WSW	.0	.3	.0									.4	4.9
W	.2	.7	.2									1.1	5.0
WNW	.3	1.0	.6	.2								2.1	6.4
NW	.4	2.5	3.6	.7	.2	.1						7.5	7.2
NNW	.6	4.4	7.6	3.4	.7	.3	.0					17.0	9.1
VARBL													
CALM												1.9	
	6.6	37.7	43.3	8.2	1.5	.5	.0					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 2027

1210 WS FORM JUL 64 0-8-5 (Def. 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EDAY BUSINESS SYSTEMS 130624

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-68 (YEARS) JUL. (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	7.7	10.7	1.8	.4	.1						21.5	7.6
NNE	.9	6.5	9.2	.8	.2							17.5	7.0
NE	.7	5.4	4.3	.0								10.5	6.1
ENE	.7	2.2	1.2	.1								4.1	5.7
E	.9	1.5	.7	.0								3.1	5.1
ESE	.7	1.6	.8	.0								3.1	5.6
SE	.5	1.6	1.7	.2								4.0	6.5
SSE	.2	.8	1.3	.1								2.4	7.0
S	.3	.7	.3	.0								1.4	5.5
SSW	.1	.5	.0									.7	4.8
SW	.1	.5	.0									.7	4.4
WSW	.0	.3										.3	4.3
W	.1	.4	.1									.6	4.8
WNW	.2	1.1	.6									1.9	5.6
NW	.7	2.9	2.9	.7	.4							7.6	7.6
NNW	.7	4.1	8.4	3.2	1.5	.1	.0					17.9	9.1
VARBL													
CALM												2.7	
	7.5	37.4	42.5	7.0	2.5	.2	.0					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2092

ALLIED/ESKY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 43-68 YEARS | JUL MONTH

ALL WEATHER CLASS | 0600-0800 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	4.2	4.2	2.2	.8	.4						12.7	8.7
NNE	.8	4.3	1.7	.6	.1							7.5	6.4
NE	1.0	2.9	.4	.1								4.5	5.1
ENE	.7	1.8	.4	.1								2.9	5.2
E	1.0	2.4	.7	.1	.0							4.3	5.2
ESE	1.1	3.1	1.1	.0	.0							5.5	5.3
SE	1.9	3.5	1.7	.3	.0							7.4	5.7
SSE	1.1	3.0	3.0	.9	.4							8.5	7.3
S	1.0	1.4	1.4	.3	.1	.0						4.2	6.5
SSW	1.1	1.6	.4	.1	.0							3.2	5.0
SW	.5	1.1	.1	.0								1.8	4.7
WSW	.6	.7	.0									1.3	4.0
W	.9	1.2	.2	.1	.0							2.3	5.0
WNW	1.2	1.6	.8	.2	.0							3.9	5.3
NW	1.6	3.4	2.5	1.0	.4	.1						9.1	7.3
NNW	1.4	3.8	5.5	2.7	.9	.7	.0					14.9	9.2
VARBL													
CALM												5.8	
	16.9	40.1	24.1	8.9	2.9	1.2	.0					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 2166

1210 WS FORM JUL 64 0-8-5 (Dat 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/KORY BUSINESS SYSTEMS 150024

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-68 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.6	1.9	1.7	.7	.1						5.3	10.7
NNE	.3	.9	2.2	1.5	.3							5.2	9.7
NE	.3	1.3	1.4	.7	.1							4.1	8.0
ENE	.3	.9	1.1	.3								2.8	7.2
E	.5	1.4	1.6	.2								3.8	6.5
ESE	.8	3.3	2.5	.7	.1							7.4	6.7
SE	1.2	5.0	8.2	2.2	.3							16.9	7.7
SSE	1.0	4.6	7.8	4.1	1.1	.1						18.7	9.0
S	1.1	4.0	5.4	2.3	.5	.1						13.4	8.2
SSW	.8	2.4	1.8	.6	.2							5.8	7.0
SW	.6	1.1	1.0	.7								2.7	5.8
WSW	.3	.6	.3	.0								1.2	5.6
W	.5	.5	.2	.1	.0							1.3	6.0
WNW	.1	.8	.4	.3	.1							1.8	7.8
NW	.2	1.0	.7	.3	.1	.2						2.5	9.0
NNW	.2	.7	1.6	1.2	.5	.5						4.9	11.6
VARBL													
CALM												2.2	
	8.9	29.5	38.1	16.3	4.1	1.0						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 2095

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/ERNST BUSINESS SYSTEMS 130824

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-66 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.7	1.5	1.3	.7	.1	.0					4.5	11.5
NNE	.0	.8	1.8	1.7	.3	.0	.0					4.7	10.5
NE	.3	1.1	2.2	1.6	.2	.0						5.4	9.3
ENE	.2	1.0	1.8	1.3	.1							4.5	9.2
E	.3	1.1	2.1	1.1	.1	.2						4.8	9.2
ESE	.2	1.7	4.1	1.9	.2							8.1	8.7
SE	.2	1.9	6.9	4.0	1.0	.1						14.0	10.2
SSE	.7	2.0	6.8	5.5	2.0	.4						17.4	10.9
S	.5	1.5	4.3	4.3	1.9	.1						12.6	11.1
SSW	.3	1.2	2.7	1.7	1.1	.4	.0					7.4	11.0
SW	.3	.9	1.2	.9	.3	.0						3.7	9.3
WSW	.1	.4	.4	.4	.1		.0					1.5	9.8
W	.2	.8	.3	.2	.2	.0						1.6	9.1
WNW	.1	.3	.7	.7	.2	.1						2.2	10.8
NW	.2	.3	.9	.6	.3	.2						2.8	10.7
NNW	.4	.7	1.2	1.0	.9	.2						4.3	11.1
VARBL													
CALM												.5	
	4.4	16.2	38.9	28.3	9.4	2.1	.2					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 2093

ALLIED/GENT BUSINESS SYSTEMS 150824

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-66 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.8	1.7	1.7	.8	.1						5.1	11.2
NNE	.1	1.1	1.8	2.0	.6	.3	.0					5.9	11.3
NE	.1	1.1	2.0	1.5	.8	.2						5.4	10.6
ENE	.1	.8	2.3	.9	.3	.1						4.5	9.8
E	.1	1.1	2.3	1.2	.1							4.8	9.1
ESE	.1	1.5	3.0	2.3	.4	.0						7.3	9.9
SE	.2	1.0	4.7	3.4	.3	.1						10.3	9.9
SSE	.3	1.5	4.6	4.7	1.9	.1						13.1	11.4
S	.2	1.2	3.7	3.1	.5	.1						8.7	10.5
SSW	.2	.9	2.8	1.3	.7	.3	.0					6.3	10.9
SW	.1	1.1	1.6	1.2	.0	.1						4.2	9.0
WSW	.2	.5	.5	.1	.0	.1						1.4	7.9
W	.1	1.0	1.1	.8	.1	.1		.0				3.4	10.1
WNW	.1	.6	1.4	1.0	.6	.2						4.0	11.3
NW	.3	1.3	2.5	1.7	.6	.2	.0					6.6	10.4
NNW	.2	.6	2.3	2.9	1.9	.3	.1					8.4	13.3
VARBL													
CALM												.5	
	2.8	16.8	38.1	29.7	9.3	2.5	.3	.0				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 2099

1210 WS FORM JUL 64 0-8-5 (Def 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/HART BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 43-68 YEARS | JUL MONTH

ALL WEATHER CLASS

1800-2000 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) / DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.9	3.6	2.3	.7	.3						9.3	10.3
NNE	.3	1.9	2.5	1.5	.6	.1						6.8	9.7
NE	.2	1.2	2.5	1.4	.2	.0						5.6	9.2
ENE	.3	1.2	2.1	1.2	.2	.0						5.2	8.8
E	.4	1.5	2.5	.9	.1	.0						5.4	8.2
ESE	.0	1.8	2.9	1.2	.1							6.1	8.2
SE	.2	1.9	4.7	2.1	.1	.1	.0					9.2	9.0
SSE	.1	1.8	3.7	1.4	.2	.1						7.3	8.9
S	.3	1.6	3.4	.9	.2	.1						6.5	8.6
SSW	.3	1.1	1.3	.6	.2							3.5	8.2
SW	.1	1.2	.9	.3	.2	.0						2.9	8.7
WSW	.3	.9	.4			.0						1.6	6.2
W	.3	.0	.9	.2	.1	.1						2.5	7.6
WNW	.3	1.5	1.8	.8	.4	.1						4.9	9.3
NW	.4	2.2	4.1	2.2	.6	.1	.0					9.7	9.7
NNW	.5	2.3	4.5	3.0	1.3	.6	.0					12.3	10.7
VARBL													
CALM												1.1	
	4.3	25.0	41.8	20.2	5.6	1.9	.1					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 2106

ALLIED/BORY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 43-68 YEARS | JUL MONTH

ALL WEATHER CLASS

2100-2300 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	4.0	6.7	2.2	.3		.0					14.0	8.1
NNE	.6	2.9	5.1	1.6	.3	.0						10.5	8.1
NE	.5	3.1	2.8	.5	.2							7.1	7.2
ENE	.4	2.5	2.1	.5								5.6	6.9
E	.4	2.9	2.5	.5								6.3	6.7
ESE	.7	2.3	2.4	.5								5.9	6.7
SE	.5	2.1	2.3	.5								5.5	6.9
SSE	.2	2.5	2.6	.3	.0							5.7	6.9
S	.5	1.7	1.2	.2								3.6	6.4
SSW	.2	.8	.5	.2								1.7	6.6
SW	.1	.5	.3	.3	.0							1.2	8.0
WSW	.3	.3	.1	.1	.0							1.0	6.8
W	.1	.7	.4	.0								1.5	6.0
WNW	.3	1.3	1.0	.4	.1	.0						3.2	7.7
NW	.5	3.2	4.1	1.6	.4	.1						9.8	8.3
NNW	.7	3.1	7.0	3.6	.9	.3						15.6	9.5
VARBL													
CALM												1.8	
	6.8	34.0	41.2	13.3	2.4	.5	.0					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 2898

1210 WS FORM JUL 64 0-8-5 (Del. 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AUTO/DATA BUSINESS SYSTEMS 190534

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-68 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	3.3	5.1	1.8	.6	.1	.0					11.5	8.6
NNE	.4	3.0	4.0	1.3	.3	.1	.0					9.1	8.1
NE	.5	2.5	2.5	.8	.2	.0						6.5	7.5
ENE	.4	1.6	1.6	.6	.1	.0						4.3	7.5
E	.5	1.8	1.7	.5	.0	.0						4.6	7.1
ESE	.9	2.2	2.3	.8	.1	.0						5.9	7.5
SE	.7	2.5	4.0	1.7	.2	.0	.0					9.1	8.3
SSE	.5	2.2	3.9	2.2	.7	.1						9.5	9.4
S	.5	1.6	2.6	1.4	.4	.1						6.5	9.0
SSW	.4	1.1	1.2	.6	.3	.1	.0					3.7	8.6
SW	.3	.5	.7	.4	.1	.0						2.2	7.7
WSW	.2	.5	.2	.1	.0	.0	.0					1.1	6.6
W	.3	.8	.4	.2	.1	.0		.0				1.8	7.3
WNW	.4	1.0	.9	.5	.2	.1						3.0	8.2
NW	.6	2.1	2.7	1.1	.4	.1	.0					7.0	8.6
NNW	.6	2.5	4.8	2.6	1.1	.4	.0					11.9	10.0
VARBL													
CALM												2.1	
	7.3	29.6	38.5	16.5	4.7	1.2	.1	.0				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 16776

ALLIED/EGBY BUSINESS SYSTEMS 180624

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-68 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	6.2	10.8	2.0	.5	.0						20.7	7.7
NNE	1.0	6.0	7.5	.7	.0							15.2	6.9
NE	1.0	5.8	5.1	.2	.0							12.1	6.3
ENE	.6	2.9	1.8	.1								5.3	6.0
E	.6	2.4	1.4	.0								4.4	5.5
ESE	.4	1.4	1.0	.2								3.0	6.2
SE	.5	1.3	1.8	.4								4.2	6.8
SSE	.1	1.2	1.4	.4	.0							3.2	7.6
S	.4	1.0	.8	.0	.1							2.2	6.3
SSW	.3	.4	.3	.1								1.1	6.4
SW	.4	.4	.2	.1								1.1	5.6
WSW	.2	.4										.6	4.2
W	.2	.6	.2	.0								1.1	5.7
WNW	.4	1.2	.3	.0	.0	.0						2.0	6.0
NW	.6	3.2	3.2	.5	.1	.0	.1					7.6	7.3
NNW	.8	4.0	6.7	1.8	.7	.3						14.3	8.5
VARBL													
CALM												1.8	
	8.6	38.5	42.3	6.5	1.6	.5	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 2095

1210 WS FORM JUL 64 0-8-5 (Del. 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLSTATE BUSINESS SYSTEMS 150324

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-68 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	6.6	12.9	2.3	.7	.0						23.4	7.9
NNE	1.3	7.0	10.9	.6	.1							20.1	6.9
NE	.9	5.0	4.1	.1								10.1	6.1
ENE	.8	2.6	.9									4.1	5.3
E	.4	1.6	.5									2.5	5.2
ESE	.4	1.6	.8	.0								2.8	5.6
SE	.1	1.2	1.6	.0								3.0	6.6
SSE	.4	.8	1.4	.3								2.9	7.2
S	.1	.7	.4	.1	.0							1.3	6.6
SSW	.1	.2	.1	.0								.5	6.4
SW	.0	.3	.1									.5	5.3
WSW	.2	.3										.5	4.3
W	.3	.4	.1									.9	4.4
WNW	.2	.7	.6	.1								1.6	6.3
NW	.7	2.7	2.5	.8	.1	.1	.0					7.0	7.7
NNW	.6	4.3	7.0	3.1	.9	.4						16.2	9.2
VARBL													
CALM												2.6	
	7.3	35.9	43.9	7.8	1.9	.6	.0					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 2093

ALLEN/BRAY BUSINESS SYSTEMS 150824

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-68 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	5.2	5.9	2.4	.5	.3						15.3	8.1
NNE	1.5	4.6	2.9	.5	.2							9.8	6.2
NE	1.1	3.7	1.1	.1								6.0	5.2
ENE	.8	2.6	.5									3.8	4.8
E	1.1	2.9	.8									4.8	4.8
ESE	.9	2.1	1.0	.1	.0							4.3	5.5
SE	.8	3.1	1.6	.1	.1							5.7	5.9
SSE	.7	2.2	1.6	.5	.1							5.1	6.8
S	.8	1.7	1.0	.3	.1							4.0	6.3
SSW	.3	1.0	.2	.1	.0							1.7	5.7
SW	.7	1.2	.1									1.9	4.1
WSW	.4	.5		.0								.9	4.3
W	1.0	.9	.3	.0								2.3	4.5
WNW	.9	1.8	.4	.1								3.3	5.0
NW	1.4	2.6	2.0	.9	.3	.1						7.3	7.4
NNW	1.2	5.2	7.1	2.8	1.3	.3	.1					18.0	9.0
VARBL													
CALM												5.9	
	14.7	41.2	26.5	8.1	2.7	.8	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 2116

ALLEN/FRAY BUSINESS SYSTEMS 150324

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-68 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.9	2.8	2.7	.9	.2						7.7	11.3
NNE	.5	1.3	2.0	1.0	.1							5.0	8.0
NE	.4	.9	1.9	.8								4.0	7.7
ENE	.3	1.0	1.5	.2								3.0	6.8
E	.6	1.8	1.0	.2	.0							3.7	5.9
ESE	.9	3.0	2.9	.4								7.1	6.5
SE	1.5	3.9	5.5	1.9	.4							13.3	7.7
SSE	1.4	3.4	8.5	2.5	.6							16.3	8.3
S	1.2	3.6	5.3	1.5	.3							11.9	7.6
SSW	.8	2.3	2.0	.3								5.7	6.4
SW	1.0	1.7	.8	.2								3.6	5.5
WSW	.2	.6	.2	.1								1.2	6.0
W	.4	.4	.3		.0							1.2	5.4
WNW	.2	1.1	.7	.3		.0						2.4	7.1
NW	.8	.8	1.3	.4	.0							3.3	7.1
NNW	.5	1.1	2.1	1.8	1.0	.4						6.9	11.1
VARBL													
CALM												3.8	
	11.0	28.2	38.8	14.2	3.3	.6						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 2104

1210 WS FORM JUL. 64 0-8-5 (Del. 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/GEBY BUSINESS SYSTEMS 150924

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-68 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.8	1.5	1.7	.5	.1	.0					5.0	10.9
NNE	.0	.7	1.9	1.4	.2	.0						4.3	10.0
NE	.1	.9	3.2	1.3	.2							5.8	9.4
ENE	.5	1.2	2.2	.8	.1							4.9	7.9
E	.2	1.5	2.1	.5	.1							4.4	7.7
ESE	.3	1.9	3.9	1.1	.1							7.3	8.1
SE	.4	2.2	6.0	3.7	.7	.0						13.2	9.7
SSE	.4	2.7	7.1	5.5	1.2	.0						17.0	10.2
S	.3	1.7	5.7	3.6	1.1	.0						12.5	10.3
SSW	.2	1.6	3.0	2.0	.5	.0	.0					7.6	9.8
SW	.4	1.0	1.1	.6	.3							3.4	8.3
WSW	.2	.9	.9	.1	.1							2.2	7.3
W	.1	.4	.6	.3	.2	.0	.0					1.7	10.3
WNW	.0	.2	.9	.4	.1	.1						1.8	11.0
NW	.1	.9	1.3	.7	.3							3.3	9.2
NNW	.1	.7	1.3	1.3	.7	.1	.0					4.3	11.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	1.3	
	4.0	19.1	42.9	25.2	6.7	.6	.2					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 2100

1210 WS FORM JUL 64 0-8-5 (Def 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/KRAY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-66 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.7	2.0	1.9	.6	.1	.1					5.4	11.7
NNE		.6	1.7	1.1	.3	.2						3.9	11.1
NE	.1	1.1	2.1	1.4	.6	.0						5.4	10.3
ENE	.3	.8	2.0	1.1	.1							4.4	8.9
E	.2	1.1	2.7	.7	.2	.0						5.0	8.7
ESE		1.1	2.7	1.1	.2							5.1	9.1
SE	.4	1.7	6.1	4.1	1.0							13.3	10.2
SSE	.3	1.4	5.0	5.3	1.1	.1						13.1	10.5
S	.3	1.5	4.7	3.8	1.1	.1						11.5	10.5
SSW	.1	1.2	2.7	1.9	1.0	.0						6.9	10.7
SW	.3	1.1	1.0	.8	.2	.1						3.6	8.8
WSW	.2	.7	.6	.3	.2			.0				2.1	9.0
W	.2	1.0	1.3	.2	.2	.1						3.0	8.8
WNW	.2	.5	1.2	.9	.5	.1						3.5	11.1
NW	.4	1.6	2.6	1.5	.5	.1						6.8	9.4
NNW	.1	.9	1.9	2.4	.8	.5						6.5	12.1
VARBL													
CALM												.4	
	3.2	17.0	40.2	28.3	8.8	1.7	.1	.0				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 2093

ALLIED/EGNY BUSINESS SYSTEMS 1F5824

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-68 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.3	3.8	2.3	1.0	.3	.0					10.1	10.1
NNE	.3	1.1	2.8	1.5	.2	.0						5.9	9.4
NE	.2	1.7	2.3	.8	.1							5.2	7.9
ENE	.1	1.5	2.7	.6	.0	.0						4.9	8.0
E	.3	2.0	2.5	.5	.0							5.4	7.3
ESE	.3	2.2	3.9	.8	.1							7.2	7.7
SE	.3	2.3	6.4	1.2	.0							10.2	8.1
SSE	.6	2.0	4.4	1.5	.0							8.5	8.2
S	.3	1.5	3.2	1.0	.3							6.2	8.4
SSW	.4	2.1	1.5	.7	.1							4.8	7.3
SW	.3	1.3	1.1	.1	.2							3.1	7.2
WSW		.9	.8	.2								1.9	7.1
W	.2	.6	.7	.3	.0							1.9	8.0
WNW	.2	1.4	1.3	.6	.4	.0						4.0	8.7
NW	.6	1.8	3.8	1.2	.4	.0						7.8	8.6
NNW	.5	2.7	4.6	2.9	1.0	.3	.1					11.7	10.0
VARBL													
CALM												1.1	
	4.9	27.4	45.6	15.9	4.1	.8	.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 2102

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FORT BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 43-66 YEARS | AUG MONTH

ALL WEATHER CLASS

2100-2300 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	4.8	8.0	2.5	.6	.1						16.7	8.3
NNE	.6	4.3	4.5	.8	.1							10.3	7.1
NE	.9	4.8	3.3	.4	.0							9.4	6.3
ENE	.6	2.7	1.7	.2								5.2	5.5
E	.8	2.1	2.6	.3	.0							5.9	6.2
ESE	.3	2.1	1.9	.2								4.6	6.1
SE	.7	2.2	2.7	.3	.1							6.0	6.7
SSE	.5	1.9	2.1	.6								5.1	7.3
S	.4	1.2	1.5	.3	.0							3.5	7.0
SSW	.1	.9	.8	.1	.0							2.0	7.0
SW	.3	.7	.4	.2								1.5	6.3
WSW	.1	.3	.2									.7	5.5
W	.3	.5	.2		.0							1.1	5.5
WNW	.5	1.0	.8	.3	.0							3.3	6.4
NW	.5	3.0	3.4	1.2	.1							8.2	7.7
NNW	.4	4.0	7.0	2.6	.9	.1						15.0	9.0
VARBL													
CALM												1.7	
	7.3	37.4	41.0	10.0	2.2	.2						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 2106

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/GARY BUSINESS SYSTEMS 150824

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-68 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	3.4	5.9	2.2	.7	.2	.0					13.0	8.8
NNE	.7	3.2	4.3	1.0	.2	.0						9.3	7.5
NE	.6	3.0	2.9	.6	.1	.0						7.2	7.1
ENE	.5	1.9	1.7	.4	.0	.0						4.5	6.7
E	.5	1.9	1.7	.3	.1	.0						4.5	6.6
ESE	.5	1.9	2.2	.5	.1							5.2	7.1
SE	.6	2.3	4.0	1.5	.3	.0						8.6	8.3
SSE	.6	1.9	3.2	2.1	.4	.0						8.9	9.0
S	.5	1.6	2.8	1.3	.4	.0						6.6	8.8
SSW	.3	1.2	1.3	.7	.2	.0	.0					3.8	8.4
SW	.4	1.0	.6	.3	.1	.0						2.3	6.9
WSW	.2	.6	.3	.1	.0			.0				1.3	6.7
W	.3	.8	.5	.1	.1	.0	.0					1.6	7.0
WNW	.3	1.1	.8	.4	.1	.0						2.7	7.8
NW	.6	2.1	2.5	.9	.2	.1	.0					6.4	8.0
NNW	.5	2.8	4.7	2.3	.9	.3	.0					11.6	9.6
VARBL													
CALM												2.3	
	7.7	36.6	40.1	14.5	3.9	.7	.1	.0				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 16809

ALLIED/FAMY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-68 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	3.6	9.2	1.9	1.2	.1	.0					18.9	8.5
NNE	1.0	5.9	10.0	1.2	.1							18.2	7.1
NE	1.1	5.2	4.0	.0								10.3	6.0
ENE	.5	3.0	1.5	.2	.0							5.3	6.1
E	.5	2.3	1.8	.3								4.9	6.3
ESE	.1	1.9	1.2	.3	.1	.0						3.8	7.3
SE	.5	2.4	2.4	.9	.1							6.4	7.5
SSE	.7	1.3	1.5	.8								4.2	7.2
S	.4	1.1	.8	.4	.0							2.8	7.0
SSW	.1	.4	.2	.1								.8	6.7
SW	.1	.2	.0	.0								.3	5.2
WSW	.0	.2										.3	4.3
W	.2	.3	.1	.0								.7	5.4
WNW	.1	.4	.5	.1	.1							1.2	8.1
NW	.4	1.1	2.3	1.2	.3	.1	.0					5.5	9.4
NNW	.3	2.9	7.2	2.7	1.1	.6	.0					14.9	10.1
VARBL													
CALM												1.3	
	7.1	34.2	42.7	10.5	3.1	.9	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 2125

1210 WS FORM JUL 64 0-8-5 (D-1 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EBBY BUSINESS SYSTEMS 150324

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-68 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	5.9	11.4	2.7	.7	.3						22.0	6.1
NNE	.7	7.3	9.1	.8	.3	.1						18.3	7.2
NE	.8	4.3	3.7	.1								9.0	6.0
ENE	.8	2.5	.5	.0								3.8	5.0
E	.6	1.9	1.2	.1	.0							3.8	6.1
ESE	.2	1.2	1.6	.3	.0							3.4	7.0
SE	.4	1.6	1.0	.7								3.7	7.2
SSE	.3	1.2	1.5	.8	.1	.1						4.0	8.2
S	.2	1.3	.6	.5								2.6	7.1
SSW	.1	.2	.3	.0								.7	6.5
SW	.2	.2	.2	.1								.7	5.9
WSW	.2	.3										.5	3.9
W	.3	.5	.3	.0	.0							1.2	6.2
WNW	.1	.5	.5	.1								1.3	6.9
NW	.2	1.7	2.5	1.1	.1	.0						5.8	8.3
NNW	.3	3.1	5.1	3.2	1.2	.7	.2					17.1	10.4
VARBL													
CALM												2.0	
	6.6	34.1	42.5	10.3	2.6	1.2	.2					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 2123

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM A'E OBSOLETE

ALLIED/EBRY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037	COLORADO SPRINGS COLO-PETERSON FD	42-68	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

0600-0800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	5.1	5.3	1.6	.9	.1						14.0	8.0
NNE	1.2	5.0	3.5	.7	.1							10.5	6.3
NE	.9	3.8	1.3	.0								6.0	5.2
ENE	.8	1.3	.4									2.6	4.8
E	1.3	2.2	.7		.0							4.2	4.7
ESE	.9	2.3	1.3	.'	.2	.0						5.2	6.7
SE	.8	1.8	2.4	.	.1							5.5	7.1
SSE	1.4	1.8	2.3	1.6	.2	.0						6.8	7.3
S	.8	1.3	1.3	.5	.3	.0						4.4	7.4
SSW	.7	1.1	.2	.1								2.1	5.0
SW	1.1	1.0	.3	.0	.1							2.5	5.1
WSW	.5	.5	.0									1.1	4.0
W	.8	.7	.2	.1								1.8	4.8
WNW	.6	1.3	.8	.1	.2							3.0	6.5
NW	.8	2.6	2.8	.4	.7	.2						7.6	8.2
NNW	1.0	4.1	6.1	3.9	1.2	.7	.3					17.2	10.0
VARBL													
CALM												5.5	
	14.7	36.2	28.9	9.3	4.0	1.1	.3					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 2130

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/CORY BUSINESS SYSTEMS 150624

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-68 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

0900-1100 (HOURS (L S T.))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.2	1.6	2.3	.6	.3						6.5	10.9
NNE	.2	.9	1.4	1.0	.4	.0						3.9	9.8
NE	.4	.9	.9	.3	.0							2.6	7.2
ENE	.3	1.3	1.0	.3								2.9	6.8
E	.5	1.1	1.1	.3	.1							3.1	6.7
ESE	.6	2.6	2.4	.5	.3							6.5	7.1
SE	1.5	4.2	5.6	1.6	.6							13.6	7.7
SSE	1.4	4.3	9.0	4.0	1.5	.2						20.4	9.1
S	1.2	3.0	4.2	2.4	.7							11.4	8.4
SSW	1.1	2.8	2.6	.9	.5	.1						8.1	7.9
SW	.4	1.3	.8	.5	.2		.0					3.3	7.6
WSW	.3	.7	.4	.3								1.7	7.0
W	.3	.6	.3	.0	.1							1.4	6.5
WNW	.3	.8	.3	.4	.2	.0	.0					2.1	8.6
NW	.3	.8	1.2	.7	.3							3.3	8.9
NNW	.3	.8	2.2	1.8	.8	.2	.2					6.4	11.9
VARBL													
CALM												2.6	
	9.8	27.3	35.1	17.9	6.5	.9	.3					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 2124

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLEN/FORT BUSINESS SYSTEMS 150324

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-68 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.6	1.1	1.2	.5	.1						3.6	11.5
NNE	.1	1.0	1.4	1.6	.3							4.4	10.0
NE	.0	.5	1.6	.7	.1							2.9	9.2
ENE	.3	.8	1.4	.6								3.2	7.8
E	.5	1.2	1.1	.6	.0							3.3	7.3
ESE	.3	1.5	3.1	1.6	.7	.0						7.2	9.6
SE	.7	2.2	6.9	3.9	1.5	.0						15.2	10.0
SSE	.2	2.0	7.6	8.2	2.5	.3						20.9	11.6
S	.5	1.8	5.9	4.7	1.3	.3						14.5	10.2
SSW	.2	1.6	2.7	1.7	.9	.4						7.5	10.9
SW	.5	1.0	1.0	.9	.7	.1	.1					4.3	10.5
WSW	.3	.4	.5	.5	.0							1.7	8.4
W	.1	.8	.6	.3	.0							1.6	7.7
WNW	.1	.3	.6	.3	.1	.0						1.5	9.4
NW	.3	.3	.5	.6	.3	.1						2.1	11.0
NNW	.0	.7	1.6	1.5	.7	.6	.1					4.9	12.7
VARBL													
CALM												1.0	
	4.2	16.5	37.5	29.0	9.7	1.9	.2					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 2124

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/CORY BUSINESS SYSTEMS
150324

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-68 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.5	1.2	1.6	.5	.2	.0					4.2	12.0
NNE		.7	1.3	.9	.4	.0						3.4	10.6
NE	.1	.8	1.7	1.6	.2	.1						4.4	10.2
ENE	.1	.9	1.4	1.2								3.6	9.2
E	.2	.9	1.1	.6	.1							3.1	8.4
ESE	.3	.9	2.9	1.7	.5							6.3	9.8
SE	.2	1.7	7.1	6.1	1.3	.0	.0					16.5	10.8
SSE	.2	1.9	6.8	8.9	2.4	.2						20.4	11.7
S	.1	1.6	5.9	4.4	1.3	.2						13.5	10.9
SSW	.1	.9	2.5	2.7	.7	.0						6.9	10.8
SW	.1	.8	1.4	1.4	.6	.0						4.3	10.8
WSW	.1	.5	.6	.2	.1	.1						1.7	9.0
W	.1	.2	.4	.5	.2	.0		.0				1.5	11.8
WNW	.1	.3	.5	.4	.2	.1						1.8	10.3
NW	.2	.8	.8	.8	.1	.1						2.7	9.3
NNW	.0	.5	1.3	1.5	1.3	.3	.1					5.1	13.6
VARBL													
CALM												.5	
	2.2	13.9	37.0	34.5	10.1	1.5	.2	.0				100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 2116

ALLEN/Ivory BUSINESS SYSTEMS 130324

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-66 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.6	3.8	1.5	.4	.4	.0					9.7	8.9
NNE	.3	1.3	3.3	1.7	.2	.1						6.9	9.4
NE	.3	2.2	2.7	.9	.1							6.3	7.7
ENE	.6	1.6	2.9	.4								5.4	6.9
E	.4	1.9	2.7	.7	.0							5.7	7.4
ESE	.5	2.3	4.4	1.0	.3							8.5	8.1
SE	.8	3.0	8.5	2.3	.1							14.7	8.1
SSE	.4	2.6	5.1	1.3								9.4	7.7
S	.6	2.1	2.6	.5	.1							6.0	7.1
SSW	.4	1.2	1.3	.5	.2		.0					3.6	8.1
SW	.5	1.0	.8	.6								3.0	7.2
WSW	.2	.7	.2	.2	.0							1.4	6.7
W	.1	.5	.4	.2								1.2	7.6
WNW	.2	.9	.8	.5	.1	.1						2.5	8.4
NW	.6	1.3	2.4	.7	.2	.2						5.4	8.7
NNW	.6	2.0	3.5	1.8	.8	.4	.0	.1				9.2	10.4
VARBL													
CALM												1.1	
	7.4	27.3	45.4	14.7	2.6	1.2	.1	.1				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 2114

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/GORY BUSINESS SYSTEMS
180824

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-68 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	5.0	8.6	2.5	.7	.3	.0					18.2	8.5
NNE	.8	5.8	5.1	.8	.1	.0						12.7	6.9
NE	.8	3.4	3.3	.4	.0							7.8	6.4
ENE	.6	2.9	1.9	.3								5.9	6.0
E	.9	2.3	1.7	.3	.1							5.4	6.4
ESE	.4	2.6	1.8	.4								5.2	6.6
SE	.6	2.4	3.1	.8	.1							7.3	7.2
SSE	.6	2.0	2.5	.5	.0							5.6	7.0
S	.5	2.3	1.5	.3	.0							4.6	6.4
SSW	.3	.6	.3	.2								1.4	6.1
SW	.2	.4	.2	.1	.0							1.0	7.4
WSW	.1	.4	.0	.0								.6	5.8
W	.2	.6	.2		.0							1.1	5.6
WNW	.0	.7	.7	.2		.1						1.7	8.4
NW	.6	2.2	2.9	.8	.2	.2						6.7	7.9
NNW	.6	3.9	5.5	2.1	.6	.4		.0				13.1	9.0
VARBL													
CALM												1.5	
	8.7	37.3	39.5	9.9	2.1	.9	.0	.0				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 2118

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/GRAY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-68 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	25 - 33	34 - 40	41 - 47	48 - 55	≥55	%	MEAN WIND SPEED
N	.7	3.3	5.3	1.9	.7	.2	.0					12.2	8.8
NNE	.5	3.5	4.4	1.1	.2	.1						9.8	7.6
NE	.5	2.6	2.4	.3	.1	.0						6.2	6.8
ENE	.5	1.8	1.4	.4	.0							4.1	6.6
E	.6	1.7	1.4	.4	.1							4.2	6.6
ESE	.4	1.9	2.4	.7	.3	.0						5.8	8.0
SE	.7	2.4	4.6	2.1	.5	.0	.0					10.4	8.7
SSE	.7	2.2	4.5	3.2	.8	.1						11.5	9.7
S	.5	1.8	2.8	1.7	.5	.1						7.3	9.1
SSW	.4	1.1	1.3	.8	.3	.1	.0					3.9	9.0
SW	.4	.7	.6	.5	.2	.0	.0					2.5	8.5
WSW	.2	.3	.2	.2	.0	.0						1.1	6.9
W	.3	.5	.3	.2	.1	.0		.0				1.3	7.1
WNW	.2	.7	.6	.3	.1	.1	.0					1.9	8.2
NW	.4	1.4	1.9	.8	.3	.1	.0					4.9	8.7
NNW	.4	2.3	4.4	2.3	1.0	.5	.1	.0				11.0	10.5
VARBL													
CALM												2.0	
	7.6	28.4	38.6	17.0	5.1	1.2	.2	.0				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 16974

1210 WS FORM JUL. 64 0-8-5 (Dat 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/SONY BUSINESS SYSTEMS 160924

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-68 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	4.2	11.0	3.6	.7	.2	.0					20.6	8.7
NNE	.5	4.7	11.9	1.4	.3							18.8	7.8
NE	.6	3.9	6.2	.3	.0							11.1	6.9
ENE	.4	2.1	1.4	.0								4.0	6.2
E	.3	2.0	1.0	.0								4.1	5.6
ESE	.3	1.2	1.5	.3								3.3	7.0
SE	.4	1.6	1.8	.6								4.6	7.3
SSE	.4	1.3	1.4	.4	.1							3.7	7.2
S	.2	.6	.6	.2	.3	.0						2.1	9.4
SSW	.1	.3	.4	.2	.1							1.3	8.4
SW	.1	.4	.3	.0	.0							1.0	6.6
WSW	.2	.3	.2	.0								.8	5.6
W	.2	.4	.2	.2	.1			.0	.0			1.2	10.8
WNW	.2	1.1	.5	.2	.2	.2			.0			2.4	9.8
NW	.1	1.9	2.5	1.3	.6	.1		.0				6.6	9.6
NNW	.4	2.1	6.2	3.6	.8	.4	.0					12.9	10.0
VARBL													
CALM												1.6	
	5.3	29.3	47.2	12.1	3.4	1.0	.1	.1	.1			100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 2160

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLTYPE/ERNT BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

94037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-68 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	4.9	12.5	3.5	.8	.4						22.6	8.8
NNE	.6	4.5	12.0	1.2	.1	.1						18.6	7.8
NE	.5	4.5	5.3	.3								10.7	6.7
ENE	.3	1.6	1.3		.0							3.2	6.1
E	.5	1.5	1.2	.1	.1							3.3	6.4
ESE	.4	1.2	1.1	.1	.0	.0						2.9	6.7
SE	.3	1.4	1.5	.3	.0							3.5	6.9
SSE	.1	.9	1.6	.5	.0							3.2	8.3
S	.2	.6	1.0	.1	.1	.0						2.2	7.9
SSW	.2	.2	.2	.1	.0	.0						.9	8.2
SW	.1	.4	.2	.2								.9	7.2
WSW	.0	.4	.2	.1	.1							.8	8.0
W	.1	.5	.2	.1	.0							.9	7.4
WNW	.3	.8	.7	.1	.1	.1	.0	.0	.0			2.2	10.2
NW	.4	2.1	3.2	1.3	.4	.0						7.4	8.7
NNW	.3	2.0	6.9	3.5	1.3	.5	.0					14.6	10.5
VARBL													
CALM												2.2	
	5.0	27.4	48.9	11.7	3.3	1.3	.1	.0	.0			100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 2183

ALLIED/KORY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-66 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	4.1	8.2	2.5	.6	.1						16.6	8.3
NNE	.8	4.4	6.3	1.1	.2							12.9	7.3
NE	.8	3.4	3.0	.1		.0						7.4	6.1
ENE	.9	1.8	.7	.3	.0							3.7	5.9
E	.5	2.0	.7	.2								3.5	5.7
ESE	1.0	2.0	1.1	.3	.1	.0						4.5	6.1
SE	1.1	2.4	2.0	.5	.1							6.0	6.6
SSE	.9	1.6	1.3	.6	.0							4.4	6.7
S	.8	1.4	1.1	.5	.1							3.9	7.0
SSW	.5	.9	.9	.1	.0							2.4	6.4
SW	.1	.6	.3	.1	.1							1.2	7.1
WSW	.5	.6	.0	.2	.1	.0						1.6	6.7
W	.5	.9	.4	.2	.0	.0						2.1	6.5
WNW	.5	1.6	.9	.6	.1							3.6	7.3
NW	.7	2.8	2.7	.9	.2	.2						7.6	7.8
NNW	.6	3.9	5.7	3.7	1.1	.5	.1					15.5	9.7
VARBL													
CALM												3.0	
	11.2	34.4	35.4	12.1	2.9	1.0	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 2189

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FIRST BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLD-PETERSON FD (STATION NAME) 42-68 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.2	1.8	2.1	.3	.2	.0					6.3	10.0
NNE	.3	1.0	1.9	1.1	.4							4.8	9.1
NE	.5	.9	.8	.4	.1	.0						2.7	7.8
ENE	.3	1.1	1.0	.3		.0						3.0	6.9
E	.7	1.0	.9	.4	.1							3.0	6.8
ESE	.9	3.1	2.1	.3	.4	.0						6.8	7.0
SE	1.5	4.4	6.1	1.9	.4							14.2	7.6
SSE	1.6	4.3	7.6	3.3	.7	.1						17.5	8.4
S	1.3	2.9	4.1	2.1	.5	.1	.1	.0				11.3	8.4
SSW	.8	2.6	1.8	.4	.7	.1						6.7	8.7
SW	.6	1.0	.7	.4	.4	.2						3.3	9.1
WSW	.4	.5	.1	.3	.3	.1						1.6	9.7
W	.5	.6	.5	.3	.1	.0						2.1	7.5
WNW	.5	1.0	.3	.3	.1	.2						2.4	8.3
NW	.3	1.1	1.0	1.0	.0	.2						3.8	9.2
NNW	.5	.9	1.6	1.9	1.4	.5	.1					7.0	12.6
VARBL													
CALM												2.4	
	11.8	27.6	32.2	18.8	5.9	1.9	.3	.0				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2193

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FORT BUSINESS SYSTEMS 150824

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-66 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.6	.9	1.5	.7	.2	.1					4.5	12.1
NNE	.2	.4	.8	1.5	.2	.0						3.2	10.7
NE	.4	.8	1.0	.9	.1	.1						3.3	9.1
ENE	.4	.8	.9	.6	.1							2.8	8.2
E	.5	1.0	1.4	.5								3.3	7.2
ESE	.3	2.0	2.7	1.3	.4	.1			.0			6.9	9.3
SE	.7	2.8	7.6	4.2	.9	.1						16.4	9.5
SSE	.4	3.2	8.1	8.1	2.2	.2						22.2	10.7
S	.5	3.0	5.2	3.3	1.4	.2	.0					13.7	9.9
SSW	.2	1.5	2.3	1.3	1.3	.4	.0					7.1	11.2
SW	.4	.7	1.0	.5	.6	.1						3.4	10.2
WSW	.1	.5	.8	.2	.2	.1		.0				1.8	10.9
W	.1	.1	.7	.4	.2	.0						1.7	10.9
WNW	.2	.5	.4	.8	.4	.1		.0				2.2	11.8
NW	.0	.4	.7	.7	.2	.1	.1					2.2	11.9
NNW	.2	.4	1.2	1.3	.9	.3	.1					4.4	13.1
VARBL													
CALM												1.3	
	4.9	18.8	35.9	26.8	10.0	2.2	.4	.1	.0			100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 2185

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 42-68 YEARS | JCT MONTH

ALL WEATHER CLASS

1500-1700 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥	%	MEAN WIND SPEED
N		.2	1.5	1.6	1.0	.3						4.6	13.0
NNE		.5	1.4	1.4	.6	.1						4.0	11.6
NE	.0	.9	1.7	.9	.2	.1						3.8	9.8
ENE		.7	1.5	.8	.1	.0						3.0	9.1
E	.3	1.2	1.3	.5	.1							3.6	7.7
ESE	.2	1.8	3.3	1.5	.5	.1						7.4	9.1
SE	.2	2.6	5.2	4.3	.7	.2						17.2	9.7
SSE	.3	2.8	9.7	6.6	1.9	.1						21.3	10.5
S	.3	2.2	4.7	3.2	.6	.1						11.3	9.7
SSW	.2	1.3	2.2	1.3	.8	.3	.0					6.4	11.0
SW	.3	1.2	.6	1.1	.4	.2						3.8	10.1
WSW	.0	.3	.9	.3	.2	.0						2.1	9.8
W		.2	.3	.5	.2	.1						1.2	12.9
WNW	.1	.3	.5	.9	.4	.1	.0					2.3	12.7
NW	.1	.3	.8	.8	.7	.1						2.8	12.2
NNW	.1	.5	1.5	1.6	1.0	.2						4.8	12.2
VARBL													
CALM												.4	
	2.2	17.2	41.3	27.2	9.4	2.1	.1					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 2191

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGNY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 42-68 YEARS | OCT MONTH

ALL WEATHER CLASS | 1800-2000 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	3.3	4.8	2.0	.4	.2						11.5	8.7
NNE	.5	3.3	4.4	1.3	.5	.1	.0					10.2	8.4
NE	.5	2.7	3.6	.7	.1	.0						7.7	7.5
ENE	.6	2.1	2.0	.4								5.1	6.7
E	.6	3.2	2.3	.3								6.3	6.3
ESE	.3	2.6	3.6	.5	.1	.1						7.2	7.3
SE	.5	3.2	6.3	.9	.0							10.8	7.5
SSE	.5	2.8	3.8	1.1	.1							8.4	7.5
S	.6	1.6	2.4	.5	.1							5.2	7.2
SSW	.3	.5	.7	.4	.1							2.1	8.0
SW	.5	.6	.9	.3	.2	.0						2.8	8.3
WSW	.2	.6	.3	.2	.0							1.3	7.2
W	.3	.5	.2	.1	.0							1.1	6.6
WNW	.4	1.1	1.1	.1	.1	.1						2.8	7.3
NW	.2	2.0	2.4	.7	.2	.0	.0	.0				5.6	8.6
NNW	.5	2.3	4.0	2.1	1.0	.1						10.0	9.5
VARBL													
CALM												1.9	
	7.3	32.4	42.7	11.6	3.1	.3	.1	.0				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 2187

ALLIED/FORT BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-68 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	4.9	9.1	2.8	.7	.2						18.2	8.5
NNE	.5	5.8	10.6	1.1	.5							18.4	7.5
NE	.7	5.4	4.6	.2	.0	.0						11.0	6.4
ENE	.5	2.3	1.2	.0								4.2	5.6
E	.4	2.2	1.7	.1								4.4	6.1
ESE	.5	1.3	1.6	.2		.0						3.6	6.8
SE	.6	3.0	2.2	.6	.0							6.5	6.7
SSE	.6	1.2	1.8	.8	.2							4.5	8.1
S	.3	1.1	.8	.5	.1	.1						2.8	7.9
SSW	.2	.1	.6	.2	.1	.0						1.4	9.3
SW	.2	.5	.2	.3	.1							1.3	7.9
WSW	.2	.2	.3	.0	.0							.8	6.7
W	.1	.7	.1	.2	.1	.0	.0					1.3	8.6
WNW	.1	.7	.8	.3	.0	.1	.0		.0			2.2	9.7
NW	.4	1.2	2.9	.8	.3	.0						5.6	8.6
NNW	.2	2.5	5.4	2.7	.7	.2	.1					11.8	9.7
VARBL													
CALM												1.9	
	5.8	33.2	44.1	10.9	3.0	.8	.2		.0			100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 2184

ALLIED/EGRY BUSINESS SYSTEMS
150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-68 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.9	6.2	2.4	.7	.2	.0					13.1	9.0
NNE	.5	3.1	6.2	1.3	.4	.0	.0					11.4	8.1
NE	.5	2.8	3.3	.5	.1	.1						7.2	7.1
ENE	.5	1.5	1.3	.3	.0	.0						3.6	6.7
E	.5	1.9	1.3	.3	.0							4.0	6.4
ESE	.5	1.9	2.1	.8	.2	.1			.0			5.3	7.7
SE	.7	2.7	4.6	1.7	.3	.0						9.9	8.2
SSE	.6	2.3	4.4	2.7	.7	.0						10.7	9.3
S	.5	1.7	2.5	1.3	.4	.1	.0	.0				6.5	8.9
SSW	.3	1.0	1.2	.6	.4	.1	.0					3.5	9.6
SW	.3	.7	.5	.4	.2	.1						2.2	8.9
WSW	.2	.5	.3	.2	.1	.0		.0				1.3	8.5
W	.2	.5	.3	.3	.1	.0	.0	.0	.0			1.5	8.7
WNW	.3	.9	.6	.4	.2	.1	.0	.0	.0			2.5	9.4
NW	.3	1.5	2.0	.9	.3	.1	.0	.0				5.2	9.1
NNW	.4	1.6	4.0	2.5	1.0	.3	.1					10.1	10.5
VARBL													
CALM												1.9	
	6.7	27.3	40.9	16.2	5.1	1.4	.2	.0	.0			100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 17494

ALLIED/KENT BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-66 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	5.3	9.0	2.7	.8	.1						18.6	8.4
NNE	.2	5.3	10.2	1.8	.4	.0						18.0	8.0
NE	.6	4.6	4.1	.5	.0	.0						9.9	6.7
ENE	.3	2.3	1.9	.2	.2							5.3	6.6
E	.6	2.1	1.2	.1	.1	.0						4.1	6.2
ESE	.1	1.3	1.2	.1	.1							2.8	7.1
SE	.4	1.4	1.4	.4	.0							3.7	6.9
SSE	.2	1.3	1.1	.6	.1							3.3	7.8
S	.3	.7	.8	.2	.0							2.0	7.0
SSW	.2	.6	.5	.2	.0							1.6	7.6
SW	.1	.5	.3	.1	.1	.1						1.3	8.9
WSW	.2	.3	.2	.1		.0						.8	7.6
W	.1	.7	.2	.1	.2	.2	.0					1.6	10.4
WNW	.2	.8	.8	.4	.5	.1	.2					3.0	11.5
NW	.3	1.4	2.3	1.4	.7	.4	.2					6.9	10.2
NNW	.4	2.5	7.1	3.1	1.5	.6	.1	.2				15.4	10.7
VARBL													
CALM												1.5	
	5.4	31.1	42.4	12.3	4.9	1.7	.6	.2				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2122

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/KORY BUSINESS SYSTEMS 150024

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-68 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	5.2	10.0	2.9	.7	.3						19.6	8.7
NNE	.5	5.3	9.2	1.4	.2	.0						16.6	7.6
NE	.8	4.3	4.6	.3								10.0	6.6
ENE	.5	2.2	1.6	.2	.0							4.6	6.3
E	.4	1.5	1.3	.5	.0							3.7	6.8
ESE	.3	.8	1.0	.0	.0							2.2	6.5
SE	.2	1.3	1.1	.4	.1							3.0	7.4
SSE	.1	.7	1.1	.5	.1							2.5	8.6
S	.3	.8	.5	.3	.1							2.1	7.1
SSW	.2	.3	.6	.6	.0	.0	.0					1.8	9.9
SW	.1	.6	.1	.0		.0	.0					1.0	7.0
WSW	.0	.4	.3	.1	.0							.8	7.2
W	.1	.7	.1			.1	.0					1.1	8.0
WNW	.3	1.2	1.0	.4	.3	.5	.1	.0	.0			4.1	11.6
NW	.5	2.5	2.9	1.8	.7	.2	.0	.1				8.7	10.0
NNW	.5	3.1	6.1	4.2	1.4	.8	.1	.1				16.3	10.9
VARBL													
CALM												1.8	
	5.2	30.9	41.6	13.6	4.1	2.1	.4	.3	.0			100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 2119

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLEN/EBNY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-58 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	9.9	8.5	2.9	.9	.3	.0	.0				19.7	8.5
NNE	.9	4.3	6.6	1.4	.3	.2						13.6	7.7
NE	.7	4.4	4.0	.4	.2							9.7	6.6
ENE	.4	2.0	.8	.6								3.6	6.3
E	.3	1.5	.9	.3	.0							3.3	6.6
ESE	.3	.9	.8	.2	.1							2.5	7.1
SE	.2	1.4	1.1	.5	.1							3.4	7.6
SSE	.3	.8	1.4	.5	.1							3.1	8.0
S	.3	1.0	.6	.2	.1							2.5	7.6
SSW	.4	.8	.3	.2	.1	.1						2.2	8.4
SW	.4	.9	.2	.1	.2	.0	.0					2.0	7.9
WSW	.4	.6	.1	.0	.1							1.2	6.0
W	.6	.6	.5	.0	.1	.2	.1					1.9	9.6
WNW	.2	1.0	1.0	.3	.5	.1	.0					3.2	9.6
NW	.9	2.1	3.3	1.6	.7	.3	.0	.1				9.2	9.7
NNW	.6	3.4	6.3	3.1	1.6	1.0	.1	.1				16.2	10.6
VARBL													
CALM												2.8	
	8.0	31.8	36.7	12.6	5.1	2.3	.4	.3				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 2122

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FORT BUSINESS SYSTEMS 160834

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS CO;LG-PETERSON FD (STATION NAME) 42-68 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.6	1.5	2.0	1.6	.8	.3					8.4	12.7
NNE	.7	1.5	1.3	.9	.4	.3	.1					5.3	9.8
NE	.8	1.3	.6	.5	.1	.0						3.3	6.7
ENE	.4	1.3	.6	.1	.0							2.6	6.3
E	1.0	2.0	.9	.1	.1							4.1	5.8
ESE	1.3	2.5	1.7	.5	.0	.0	.0					6.1	6.5
SE	2.2	4.6	4.4	1.6	.3							13.2	6.9
SSE	1.0	3.1	4.4	2.0	.4	.1						11.0	8.2
S	1.1	2.4	3.6	.9	.4	.2	.1					8.8	8.2
SSW	.6	1.8	1.8	.8	.3	.1	.0	.0				5.5	8.8
SW	.5	1.2	.9	.3	.2	.1						3.3	8.0
WSW	.5	1.1	.3	.1	.2	.1		.0				2.3	7.9
W	.4	.8	.2	.3	.2	.2	.0	.0				2.3	10.6
WNW	.3	.8	.6	.9	.6	.1	.2					3.6	12.1
NW	.7	.9	1.2	1.3	.8	.6	.3	.1				5.9	13.0
NNW	.4	.8	1.9	2.2	1.4	1.3	.4	.1				8.5	14.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	5.7	
	12.5	27.9	25.9	14.7	7.2	4.1	1.6	.4				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 2127

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLEN/ERBY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037	COLORADO SPRINGS COLO-PETERSON FD	42-58	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1200-1400 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.5	1.7	1.2	1.2	.7	.2					5.6	13.9
NNE	.3	.5	1.0	1.4	.9	.2	.1	.0				4.4	12.9
NE	.3	.9	.9	.5	.1							2.8	8.1
ENE	.2	1.2	.7	.2	.0							2.4	7.0
E	.5	1.7	1.2	.4								3.7	6.6
ESE	.6	2.5	2.8	.4	.1	.1	.1					6.7	7.7
SE	.9	3.9	6.2	2.1	.5							13.6	8.3
SSE	1.2	4.1	7.8	3.8	.9	.1						17.9	9.0
S	.8	3.5	4.9	2.7	.6	.2	.0					12.8	8.9
SSW	.4	1.1	2.1	.9	.4	.5		.1				5.5	10.9
SW	.4	.6	1.1	.6	.1	.3						3.1	9.9
WSW	.1	.6	.2	.4	.2	.1						1.6	10.0
W	.2	.5	.8	.4	.5	.3	.1					2.5	12.7
WNW	.2	.3	.2	.9	.8	.8	.3					3.5	13.9
NW	.2	.6	.6	1.3	.9	.7	.1			.0		4.3	14.7
NNW	.2	.4	1.4	1.9	1.4	1.2	.7					6.8	15.1
VARBL													
CALM												2.5	
	6.9	22.8	33.2	18.7	8.7	5.2	1.7	.1		.0		100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 2119

ALLIED/EDDY BUSINESS SYSTEMS 150824

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 42-56 YEARS | NOV MONTH

ALL WEATHER CLASS

1800-1700 HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.5	2.5	2.0	1.0	.6						7.1	12.1
NNE	.3	1.2	1.9	1.2	.5	.2	.0					5.4	10.4
NE	.1	1.7	2.2	.8	.3							5.1	8.5
ENE	.4	1.0	1.2	.5	.1	.0						3.3	7.6
E	.6	1.7	1.4	.3	.0							4.0	6.4
ESE	.6	2.6	3.0	.4	.1							6.7	7.0
SE	1.0	4.4	7.0	1.8	.2							14.4	7.7
SSE	.7	4.1	7.3	2.7	.6							15.4	8.5
S	.8	3.0	4.3	1.4	.3	.1						9.9	8.1
SSW	.3	1.2	1.0	1.1	.7	.3						4.5	10.9
SW	.2	.5	.7	.3	.3	.0						2.1	9.2
WSW	.3	.6	.4	.3	.2		.0					1.8	9.0
W	.0	.3	.6	.1	.2	.2						1.5	11.1
WNW	.1	.5	.6	1.1	.9	.4	.1					3.6	14.3
NW	.3	.8	1.3	1.3	.9	.4	.1					5.1	12.5
NNW	.3	.4	2.6	2.2	1.3	.9	.1					7.8	13.6
VARBL													
CALM												2.0	
	6.5	24.4	38.2	17.6	7.8	3.1	.4					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 2121

ALLIED/ERNY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 42-68 YEARS | NOV MONTH

ALL WEATHER CLASS

1600-2000 HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	3.1	5.6	1.6	1.1	.4						12.6	9.0
NNE	.8	4.9	7.7	1.5	.1							14.8	7.5
NE	1.4	4.0	4.1	.7	.1	.0						10.3	6.7
ENE	.8	2.0	1.5	.2	.1							4.6	6.4
E	.9	2.5	1.4	.1								5.0	5.5
ESE	.5	1.9	1.9	.1	.1							4.6	6.5
SE	.6	2.7	3.7	.5	.1							7.6	7.0
SSE	.6	1.5	3.0	.5	.0	.0						5.7	7.5
S	.3	1.7	1.2	.7	.3	.1						4.4	8.4
SSW	.0	.7	1.0	.5	.1	.1						2.4	9.3
SW	.1	.4	.3	.2	.1							1.2	8.5
WSW	.1	.2	.3	.0	.0							.8	7.1
W	.1	.5	.2	.2	.1	.0	.0	.0				1.3	10.6
WNW	.2	.3	.6	.5	.3	.1		.0				2.3	10.3
NW	.6	1.5	2.9	1.9	.6	.0	.0		.0			7.7	9.8
NNW	.7	2.2	5.6	2.9	1.0	.4	.1	.0				12.9	10.3
VARBL													
CALM												1.9	
	8.4	30.5	41.1	12.2	4.3	1.3	.2	.1	.0			100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 2122

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGNY BUSINESS SYSTEMS 150824

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-68 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	4.8	7.8	2.3	.9	.2	.0					16.9	8.6
NNE	.7	5.4	9.6	1.2	.5	.0						17.4	7.7
NE	.8	4.9	4.9	.5	.0							11.1	6.6
ENE	.8	2.2	1.6	.2								4.8	6.2
E	.5	1.6	1.3	.0	.0							3.7	6.2
ESE	.3	2.1	1.5	.2	.3							4.4	7.3
SE	.5	1.6	2.4	.6	.0	.0						5.1	7.5
SSE	.2	1.7	1.1	.3	.1							3.6	7.1
S	.3	1.1	1.3	.5	.2							3.3	8.3
SSW	.2	.5	.4	.1	.1							1.3	7.4
SW	.3	.4	.4	.1	.1							1.4	7.6
WSW	.1	.5	.1	.1	.1							1.0	7.1
W	.0	.5	.3		.1	.2	.0					1.2	11.0
WNW	.4	.8	.8	.4	.6	.2	.0	.0				3.2	11.3
NW	.2	2.1	2.2	1.5	.4	.3	.0					6.8	9.7
NNW	.6	2.3	4.4	3.2	1.4	.4		.0				12.3	10.5
VARBL													
CALM												2.5	
	6.6	32.4	40.3	11.3	5.1	1.4	.2	.1				100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 2126

1210 WS FORM JUL 64 0-8-5 (Del. 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/LEBY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-68 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	3.4	5.8	2.2	1.0	.4	.1	.0				13.6	9.4
NNE	.5	3.5	5.9	1.4	.4	.1	.0	.0				11.9	8.2
NE	.7	3.3	3.2	.6	.1	.0						7.8	6.9
ENE	.5	1.8	1.2	.3	.1	.0						3.9	6.5
E	.6	1.8	1.2	.2	.0	.0						3.9	6.2
ESE	.5	1.8	1.7	.3	.1	.0	.0					4.5	7.0
SE	.7	2.7	3.4	1.0	.2	.0						8.0	7.5
SSE	.5	2.2	3.4	1.4	.3	.0						7.8	8.4
S	.5	1.8	2.1	.9	.3	.1	.0					5.7	8.3
SSW	.3	.9	1.0	.6	.2	.1	.0	.0				3.1	9.6
SW	.3	.6	.5	.2	.2	.1	.0					1.9	8.6
WSW	.2	.5	.2	.2	.1	.0	.0	.0				1.3	8.0
W	.2	.6	.3	.2	.2	.2	.1	.0				1.7	10.6
WNW	.2	.8	.7	.6	.6	.3	.1	.0	.0			3.3	12.3
NW	.5	1.5	2.1	1.5	.7	.6	.1	.1	.0	.0		6.9	11.0
NNW	.5	1.9	4.4	2.8	1.4	.8	.2	.1				12.0	11.6
VARBL													
CALM												2.6	
	7.5	29.0	37.4	14.1	5.9	2.7	.7	.2	.0	.0		100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 16978

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGRY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 42-68 YEARS | DEC MONTH

ALL WEATHER CLASS | 0000-0200 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	4.2	11.0	3.2	.8	.1						19.8	8.7
NNE	.8	5.3	9.1	1.9	.3							17.5	7.7
NE	.5	4.6	6.3	.6								12.0	6.9
ENE	.4	1.6	1.6	.3	.0		.0					3.9	6.8
E	.3	1.4	1.1	.2	.0							3.1	6.6
ESE	.4	1.1	1.2	.1			.0					2.8	7.0
SE	.3	1.5	1.8	.5	.0							4.1	7.4
SSE	.3	1.7	1.2	.5	.1	.1						3.3	8.0
S	.5	.6	.5	.1	.1	.0						2.0	6.9
SSW	.2	.2	.1	.1	.1	.0						.9	9.6
SW	.3	.5	.4	.1		.1						1.4	7.9
WSW	.2	.5	.0	.3	.1	.1						1.2	10.7
W	.2	.7	.5	.3	.0	.1	.0	.0				2.0	9.7
WNW	.1	1.1	1.0	.2	.1	.1	.2		.0			2.8	10.0
NW	.4	1.9	3.0	1.6	.7	.4						7.9	10.1
NNW	.3	2.9	5.3	2.9	1.1	.9	.1					13.5	10.6
VARBL													
CALM												1.8	
	5.6	39.4	44.0	12.8	3.8	2.1	.5	.0	.0			100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2187

ALLIED/FAY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-68 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	4.4	9.7	3.2	.7	.2	.0	.0				19.0	8.8
NNE	.5	4.0	9.6	2.0	.5		.0					16.6	8.3
NE	.5	3.9	6.7	.7								11.8	7.1
ENE	.4	2.2	1.5	.1								4.2	6.0
E	.5	1.6	.9	.0								3.2	5.5
ESE	.4	1.0	.9	.2	.0							2.5	6.7
SE	.3	1.0	1.3	.5	.0							3.2	7.9
SSE	.3	1.1	1.0	.2	.1							2.7	7.1
S	.1	.7	.6	.4	.1	.0						2.0	8.4
SSW	.3	.6	.4	.1	.3							1.7	8.5
SW	.1	.6	.6	.3	.2	.1						2.0	9.3
WSW	.1	.3	.2	.2	.0	.0		.0				1.0	9.9
W	.3	.6	.5	.2	.1	.1		.1				1.9	9.7
WNW	.1	1.2	.8	.4	.3	.2	.4	.1				3.4	12.4
NW	.3	2.3	2.9	1.6	.8	.3	.0					8.3	10.0
NNW	.2	2.2	6.3	3.5	1.2	.9	.1					14.5	11.0
VARBL													
CALM												2.0	
	5.2	28.0	43.9	13.8	4.4	1.8	.6	.3				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 2169

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EBRY BUSINESS SYSTEMS
150824

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-60 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	4.0	9.4	2.8	.7	.2						18.2	8.6
NNE	.5	5.2	9.3	2.1	.5	.0						17.6	8.1
NE	.7	4.1	5.8	.4								11.0	6.7
ENE	.6	2.3	1.5	.2	.0							4.6	6.2
E	.4	1.5	.6	.2	.1							2.8	6.4
ESE	.2	1.5	1.2	.1	.0							3.0	6.3
SE	.3	1.5	.9	.2								2.9	6.3
SSE	.3	1.0	.6	.4								2.4	6.9
S	.4	.9	.6	.2	.0	.0						2.2	7.1
SSW	.2	.3	.4	.3	.0	.1						1.3	8.0
SW	.1	.6	.4	.3	.1							1.6	8.2
WSW	.1	.5	.1	.1	.0	.0						.9	7.7
W		.7	.5	.2	.0			.0				1.5	8.5
WNW	.1	1.2	1.0	.2	.2	.1	.0					2.8	8.7
NW	.4	2.6	3.0	1.5	.5	.2		.0				8.2	9.2
NNW	.3	2.8	6.0	3.9	1.6	.7	.1					15.5	10.9
VARBL													
CALM												3.0	
	5.7	31.0	41.4	13.0	4.1	1.5	.1	.1				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 2191

1210 WS FORM JUL 64 0-8-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FRAY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-68 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.8	2.2	2.0	1.0	.3	.1	.1				8.3	10.6
NNE	.8	2.1	1.8	.8	.4	.2						6.1	8.3
NE	.5	1.7	1.0	.3	.1							3.8	6.5
ENE	.4	1.6	.8	.3	.0							3.1	6.4
E	.7	2.0	1.0	.2		.0						4.0	6.1
ESE	1.1	2.9	2.6	.4	.0							7.0	6.5
SE	1.4	4.3	3.1	1.0	.0							9.8	6.6
SSE	1.1	3.7	3.4	1.3	.5	.0						10.0	7.5
S	1.2	3.1	2.0	1.0	.4	.1						7.8	7.2
SSW	.8	1.6	1.1	.3	.3	.1	.1					4.4	8.2
SW	.5	1.5	.8	.5	.1	.1						3.5	7.7
WSW	.5	.9	.5	.2	.2			.0				2.3	8.0
W	.5	1.1	.2	.3	.2	.0	.0			.0		2.5	8.6
WNW	.4	1.3	.5	.5	.6	.6	.3		.0			4.3	13.1
NW	.5	1.9	1.1	1.6	1.0	.8	.1					7.0	11.9
NNW	.5	2.4	2.5	2.3	1.8	1.0	.1					10.6	11.9
VARBL													
CALM												5.5	
	11.8	33.8	24.9	12.9	6.7	3.4	.8	.1	.0	.0		100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 2204

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/FONT BUSINESS SYSTEMS 150824

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

930[illegible] (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-66 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.5	1.6	2.4	1.5	.6	.0	.1	.0			6.8	14.2
NNE	.1	.5	1.0	1.2	.5	.1						3.1	11.6
NE	.2	.4	.6	.4	.2	.0						1.9	9.2
ENE		.6	.6	.2		.0						1.6	8.1
E	.3	.9	.8	.3	.0							2.3	7.1
ESE	.4	2.2	2.2	.5								5.3	6.7
SE	.8	4.4	5.8	2.5	.3	.1						13.8	8.0
SSE	1.0	5.0	6.3	3.1	.8	.1						18.2	8.5
S	1.0	3.7	5.2	2.3	.2		.0					12.4	8.1
SSW	.8	2.7	1.5	.5	.6	.2	.0					6.3	8.3
SW	.6	1.1	.8	.4	.5	.4						3.7	9.9
WSW	.2	.6	.1	.3	.4	.1	.0					1.9	10.8
W	.2	.4	.4	.3	.3	.3	.1					2.1	12.5
WNW	.3	.7	.5	.8	1.3	1.1	.4					5.1	16.0
NW	.2	.8	.6	.6	1.1	.6	.1	.1				4.2	14.4
NNW	.2	.5	1.6	1.4	2.2	1.6	.1	.1				7.9	15.8
VARBL													
CALM												3.3	
	6.5	25.1	31.6	16.7	10.0	5.5	.9	.3	.0			100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 2190

150524 ALLIED/GARY BUSINESS SYSTEMS

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-69 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

1900-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.1	3.0	1.9	1.0	.4	.0					7.7	11.3
NNE	.4	1.3	2.2	1.7	.6	.1						6.2	9.8
NE	.3	1.2	1.5	.5	.1							3.6	7.4
ENE	.5	1.6	1.2	.5		.0						3.8	7.0
E	.3	1.9	1.5	.1		.1						3.9	6.7
ESE	.5	2.7	2.6	.3	.0	.1						6.2	6.9
SE	.6	3.5	6.4	1.5	.3	.0						12.2	7.8
SSE	.5	4.1	7.0	1.9	.3	.0						13.8	8.0
S	1.0	3.6	3.3	.8	.1	.0						8.8	6.9
SSW	.4	1.2	.8	.4	.6	.2						3.6	9.9
SW	.5	1.1	.7	.5	.2	.1						3.2	8.0
WSW	.0	.5	.5	.4	.1							1.5	9.4
W	.2	.7	.3	.2	.3	.0	.0					1.8	9.4
WNW	.4	.7	.5	.7	.9	.5	.1	.0				3.9	13.5
NW	.5	1.4	2.3	1.7	.9	.6						7.4	11.3
NNW	.4	1.2	2.1	2.6	1.5	1.0	.0	.1				9.0	13.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	3.2	
	6.9	27.6	36.0	15.6	6.9	3.3	.3	.2				100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 2196

ALLIED/SONY BUSINESS SYSTEMS
150624

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 42-68 YEARS | DEC MONTH

ALL WEATHER CLASS

1800-2000 HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	4.3	7.4	3.1	.7	.2	.0					16.5	8.8
NNE	.5	4.6	7.7	1.7	.6	.0						15.2	8.1
NE	.5	4.3	4.1	.4								9.3	6.6
ENE	.4	2.6	1.5	.4								4.9	6.3
E	.5	3.0	1.5	.2								5.1	5.9
ESE	.5	2.9	1.6	.2		.0	.0					4.3	6.6
SE	.3	2.3	2.4	.3	.1							5.4	6.9
SSE	.4	1.8	1.6	.8	.0							4.6	7.5
S	.4	1.4	1.5	.5	.2							3.9	7.7
SSW	.0	.5	.4	.4	.0	.1						1.4	9.4
SW	.2	.4	.5	.2								1.3	7.2
WSW	.0	.4	.1	.1	.2							.9	9.4
W	.3	.4	.8	.4	.1	.1	.1					2.1	9.6
WNW	.1	.9	.7	.5	.1	.3						2.6	10.2
NW	.4	1.4	2.8	1.4	.8	.2	.1	.0				7.1	10.4
NNW	.2	2.9	5.5	2.6	1.2	.6	.2					13.1	10.5
VARBL													
CALM												2.4	
	5.4	33.0	40.1	13.1	4.1	1.5	.5	.0				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 2199

ALLIED/EBY BUSINESS SYSTEMS 150524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-66 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	4.4	8.7	2.3	.8	.1						17.5	8.4
NNE	.9	5.1	10.0	1.2	.3	.1						17.7	7.6
NE	.7	4.8	6.6	.3	.0							12.5	6.6
ENE	.3	2.9	1.3	.2	.1	.0						4.9	6.5
E	.4	1.7	1.0	.1	.1							3.4	6.4
ESE	.4	1.8	1.3	.2	.0							3.7	6.4
SE	.5	1.4	1.5	.5								4.0	7.0
SSE	.1	.9	1.3	.7	.2							3.2	8.7
S	.4	.7	1.0	.4	.0							2.6	7.2
SSW	.2	.6	.5	.1	.1							1.5	7.2
SW	.2	.5	.4	.2	.2							1.5	8.5
WSW	.1	.3	.1	.1	.2	.0						.9	10.4
W	.2	.4	.3	.1	.0							1.0	6.7
WNW		1.1	.9	.4	.3	.2		.0				3.0	10.7
NW	.6	1.7	2.8	1.4	.6	.5	.2					7.8	10.4
NNW	.2	2.1	5.1	2.7	1.0	.8	.1					12.0	10.9
VARBL													
CALM												2.8	
	6.5	30.5	42.8	11.0	4.1	1.9	.3	.0				100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 2194

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/EGAY BUSINESS SYSTEMS 130524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 62-68 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	3.1	6.6	2.6	.9	.3	.0	.0	.0			14.2	9.3
NNE	.5	3.5	6.3	1.5	.5	.1	.0					12.5	8.2
NE	.5	3.1	4.1	.4	.1	.0						8.2	6.9
ENE	.4	1.9	1.2	.3	.0	.0	.0					3.9	6.5
E	.4	1.7	1.1	.2	.0	.0						3.5	6.3
ESE	.5	1.9	1.7	.2	.0	.0	.0					4.4	6.6
SE	.6	2.5	2.9	.9	.1	.0						6.9	7.4
SSE	.5	2.3	3.1	1.1	.2	.0						7.3	8.0
S	.6	1.9	1.8	.7	.1	.0	.0					5.2	7.5
SSW	.4	1.0	.6	.3	.3	.1	.0					2.7	8.6
SW	.3	.8	.6	.3	.2	.1						2.3	8.5
WSW	.2	.5	.2	.2	.2	.1	.0	.0				1.3	9.5
W	.2	.6	.4	.2	.2	.1	.0	.0		.0		1.9	9.5
WNW	.2	1.0	.7	.5	.5	.4	.2	.0	.0			3.5	12.3
NW	.4	1.7	2.3	1.4	.8	.5	.1	.0				7.2	10.7
NNW	.3	2.1	4.3	2.7	1.5	.9	.1	.0				12.0	11.6
VARBL													
CALM												3.9	
	6.7	29.8	38.1	13.6	5.5	2.6	.5	.1	.0	.0		100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 17550

1210 WS FORM JUL 64 0-8-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ALLIED/GARY BUSINESS SYSTEMS 130524

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 COLORADO SPRINGS COLO-PETERSON FD 42-58 ALL

STATION STATION NAME YEARS MONTH

ALL WEATHER ALL

CLASS HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.9	5.1	2.2	1.0	.4	.1	.0	.0			12.2	9.6
NNE	.5	3.1	4.7	1.3	.4	.1	.0	.0				10.1	8.2
NE	.5	2.7	2.8	.6	.2	.0	.0	.0				6.8	7.3
ENE	.4	1.7	1.4	.4	.1	.0	.0					3.9	7.0
E	.5	1.7	1.4	.3	.1	.0	.0					4.0	6.8
ESE	.4	1.8	2.0	.6	.1	.0	.0	.0	.0			5.0	7.5
SE	.6	2.4	3.8	1.6	.3	.0	.0					8.8	8.4
SSE	.6	2.7	3.9	2.4	.7	.1	.0	.0				9.9	9.5
S	.3	1.7	2.4	1.4	.5	.1	.0	.0	.0			6.7	9.3
SSW	.3	1.1	1.1	.7	.4	.2	.0	.0				3.9	10.1
SW	.3	.8	.6	.4	.3	.1	.0	.0	.0			2.6	9.8
WSW	.2	.5	.3	.3	.2	.1	.0	.0	.0			1.5	9.6
W	.2	.5	.4	.2	.2	.1	.0	.0	.0	.0		1.8	9.8
WNW	.2	.8	.7	.5	.4	.3	.1	.0	.0	.0		3.1	11.5
NW	.4	1.5	2.0	1.2	.6	.3	.1	.0	.0	.0		6.2	10.3
NNW	.4	2.0	4.0	2.7	1.4	.7	.2	.0	.0			11.4	11.4
VARBL													
CALM												2.1	
	6.7	27.3	36.9	19.8	6.8	2.7	.6	.1	.0	.0		100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 198395

ALLIED/EGBY BUSINESS SYSTEMS 150824

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-68 (YEARS) ALL (MONTH)

INSTRUMENT (CLASS) ALL (HOURS)

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE, (CONDITION)

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.1	1.4	1.2	.8	.5	.1	.0	.0			5.6	11.0
NNE	.3	1.1	1.0	.6	.3	.1	.0	.0				3.4	8.9
NE	.4	1.1	1.0	.3	.1	.0		.0				3.0	7.3
ENE	.5	1.3	1.0	.3	.0	.0						3.2	6.7
E	.7	1.9	1.8	.4	.1	.0	.0					5.0	6.9
ESE	.5	2.8	2.8	.9	.2	.0	.0		.0			7.2	7.6
SE	.7	4.7	7.7	3.5	.6	.1	.0					17.5	8.6
SSE	1.0	4.5	6.2	4.3	.7	.0						18.6	8.7
S	1.1	3.4	3.9	1.3	.2							9.8	7.2
SSW	.6	2.0	.9	.2	.0	.0						3.7	5.9
SW	.5	1.0	.3	.0	.0	.0	.0					1.8	5.4
WSW	.3	.7	.1	.0	.0							1.2	5.0
W	.4	.5	.1	.0		.0		.0				1.0	4.9
WNW	.4	.9	.2	.1	.1	.0		.0	.0	.0		1.8	6.9
NW	.4	1.1	1.2	1.0	.6	.4	.1					4.9	11.2
NNW	.4	1.4	2.1	2.0	1.7	1.0	.4	.1	.0			9.0	13.8
VARBL													
CALM												3.2	
	8.9	29.7	33.5	16.1	5.4	2.3	.7	.1	.1	.0		100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 11228

ALLIED/EGBY BUSINESS SYSTEMS
15052A

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a spearate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand columns. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period will be eliminated from the summary for short periods or be limited to ceilings at or below 10,000 feet. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0.
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of $\geq$ 1500 feet with $\geq$ 3 miles, subtracted from 97.4 read from the table at the intersection of $\geq$ 500 feet with $\geq$ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling $\geq$ 500 feet with visibility $\geq$ 1 mile, but < 3 miles; or ceiling $\geq$ 500 feet, but < 1500 feet with visibility $\geq$ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 COLORADO SPRINGS CO(S-PETERSON FI 63-66 1-12
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0730
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	67.4	68.1	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7
≥ 20000	76.7	77.3	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.8	77.	77.8	77.8
≥ 18000	77.3	78.2	78.5	78.6	78.7	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 16000	79.2	80.1	80.4	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9
≥ 14000	81.7	82.6	82.9	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4
≥ 12000	83.4	84.3	84.7	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 10000	84.3	85.2	85.6	85.7	85.9	85.9	85.9	85.9	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1
≥ 9000	86.5	87.4	87.8	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
≥ 8000	86.9	87.8	88.2	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.7	88.7	88.8	88.8	88.8	88.8
≥ 7000	87.0	88.0	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.9	88.9	89.0	89.1	89.1	89.1	89.1
≥ 6000	87.2	88.3	88.7	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.2	89.2	89.3	89.3	89.3	89.3
≥ 5000	87.6	88.7	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4500	87.8	89.0	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0
≥ 4000	88.4	89.7	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8
≥ 3500	88.9	90.3	90.8	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.4
≥ 3000	89.3	90.8	91.3	91.5	91.7	91.7	91.9	91.9	91.9	91.9	92.0	92.0	92.1	92.1	92.1	92.1
≥ 2500	89.9	91.4	91.9	92.1	92.3	92.3	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2000	90.5	92.0	92.5	92.7	92.9	92.9	93.0	93.0	93.0	93.0	93.1	93.1	93.2	93.2	93.2	93.2
≥ 1800	90.8	92.3	92.8	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.4	93.4	93.5	93.5	93.5	93.5
≥ 1500	91.1	92.6	93.1	93.3	93.5	93.5	93.6	93.6	93.6	93.6	93.7	93.7	93.8	93.8	93.8	93.8
≥ 1200	91.4	92.9	93.4	93.6	93.8	93.8	93.9	93.9	93.9	94.0	94.1	94.1	94.2	94.2	94.2	94.2
≥ 1000	91.7	93.2	93.7	93.9	94.1	94.1	94.2	94.2	94.2	94.3	94.4	94.4	94.5	94.5	94.5	94.5
≥ 900	92.1	93.6	94.1	94.3	94.5	94.5	94.6	94.6	94.6	94.7	94.8	94.8	94.9	94.9	94.9	94.9
≥ 800	92.2	93.7	94.2	94.4	94.6	94.6	94.7	94.7	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.0
≥ 700	92.3	93.8	94.3	94.5	94.7	94.7	94.8	94.8	94.8	94.9	95.0	95.0	95.1	95.1	95.1	95.1
≥ 600	92.3	93.8	94.3	94.5	94.7	94.7	94.8	94.8	94.8	94.9	95.0	95.0	95.1	95.1	95.1	95.1
≥ 500	92.4	93.9	94.4	94.6	94.8	94.8	94.9	94.9	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.2
≥ 400	92.6	94.1	94.6	94.8	95.0	95.0	95.1	95.1	95.1	95.2	95.3	95.3	95.4	95.4	95.4	95.4
≥ 300	92.8	94.3	94.8	95.0	95.2	95.2	95.3	95.3	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.6
≥ 200	92.8	94.3	94.8	95.0	95.2	95.2	95.3	95.3	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.6
≥ 100	92.8	94.3	94.8	95.0	95.2	95.2	95.3	95.3	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.6
≥ 0	92.8	94.3	94.8	95.0	95.2	95.2	95.3	95.3	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.6

TOTAL NUMBER OF OBSERVATIONS 2164

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

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CEILING VERSUS VISIBILITY

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 63-66 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0100-0300 HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.2	68.9	69.0	69.2	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5
≥ 20000	78.0	78.7	78.8	79.1	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5
≥ 18000	78.8	79.6	79.7	80.0	80.1	80.1	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4
≥ 16000	80.6	81.3	81.5	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.2
≥ 14000	82.2	82.9	83.1	83.4	83.5	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8
≥ 12000	84.0	84.7	85.0	85.3	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.9
≥ 10000	84.8	85.5	85.8	86.1	86.3	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6
≥ 9000	85.0	85.8	86.0	86.3	86.5	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.9	86.9
≥ 8000	85.4	86.1	86.4	86.7	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2
≥ 7000	85.7	86.4	86.7	87.0	87.1	87.1	87.2	87.3	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5
≥ 6000	86.1	86.9	87.2	87.5	87.6	87.6	87.7	87.8	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1
≥ 5000	86.7	87.6	87.9	88.2	88.3	88.3	88.4	88.5	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8
≥ 4500	86.9	87.8	88.2	88.5	88.7	88.7	88.8	88.9	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.2
≥ 4000	87.2	88.3	88.8	89.1	89.3	89.3	89.4	89.4	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7
≥ 3500	87.3	88.5	89.0	89.3	89.4	89.4	89.5	89.6	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9
≥ 3000	87.3	88.6	89.2	89.6	89.8	89.8	89.9	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.3
≥ 2500	87.5	89.1	89.8	90.2	90.5	90.5	90.6	90.7	90.7	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 2000	88.1	89.8	90.6	91.1	91.4	91.4	91.5	91.6	91.9	92.1	92.1	92.1	92.2	92.2	92.2	92.3
≥ 1800	88.1	89.9	90.7	91.2	91.6	91.6	91.8	92.2	92.2	92.4	92.4	92.4	92.6	92.6	92.6	92.6
≥ 1500	88.3	90.1	91.2	91.8	92.3	92.3	92.5	92.9	92.9	93.2	93.2	93.2	93.4	93.4	93.4	93.5
≥ 1200	88.8	90.7	91.8	92.7	93.2	93.3	93.6	94.0	94.1	94.5	94.3	94.5	94.7	94.7	94.7	94.7
≥ 1000	88.9	90.9	92.1	93.0	93.6	93.6	94.2	94.7	94.8	95.2	95.3	95.3	95.4	95.4	95.4	95.5
≥ 900	89.0	91.1	92.3	93.1	93.7	93.8	94.3	94.9	94.9	95.3	95.4	95.4	95.6	95.6	95.6	95.7
≥ 800	89.1	91.2	92.4	93.4	94.0	94.1	94.7	95.3	95.3	95.7	95.9	95.9	96.0	96.0	96.0	96.2
≥ 700	89.1	91.3	92.6	93.5	94.1	94.2	94.9	95.5	95.5	96.0	96.0	96.0	96.5	96.5	96.5	96.7
≥ 600	89.3	91.7	92.9	93.9	94.6	94.6	95.3	96.0	96.0	96.6	97.0	97.0	97.2	97.2	97.2	97.4
≥ 500	89.4	91.9	93.2	94.2	94.9	94.9	95.7	96.4	96.4	97.1	97.5	97.5	97.8	97.8	97.9	98.0
≥ 400	89.4	92.0	93.3	94.3	95.0	95.1	95.9	96.6	96.6	97.3	97.7	97.7	98.1	98.1	98.2	98.3
≥ 300	89.5	92.1	93.4	94.3	95.2	95.3	96.1	96.8	96.8	97.6	98.0	98.0	98.4	98.4	98.5	98.6
≥ 200	89.5	92.1	93.4	94.5	95.2	95.3	96.2	96.9	96.9	97.6	98.1	98.1	98.7	98.7	98.8	98.9
≥ 100	89.5	92.1	93.4	94.5	95.3	95.3	96.2	96.9	97.0	97.8	98.2	98.2	98.8	98.9	99.1	99.6
≥ 0	89.5	92.1	93.4	94.5	95.3	95.3	96.2	96.9	97.0	97.8	98.2	98.2	98.8	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2170

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

930?7 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) [illegible] (YEARS) Jan (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.5	56.1	56.1	56.5	56.6	56.7	56.7	56.7	56.7	56.8	56.[illegible]	56.[illegible]	56.[illegible]	56.8	56.[illegible]	56.9
≥ 20000	71.2	72.0	72.1	72.5	72.6	72.6	72.7	72.8	72.8	72.9	72.[illegible]	72.[illegible]	73.0	73.0	73.1	73.2
≥ 18000	72.7	73.0	73.7	74.1	74.3	74.3	74.4	74.4	74.4	74.[illegible]	74.[illegible]	74.[illegible]	74.6	74.7	74.7	74.8
≥ 16000	75.3	76.[illegible]	76.3	76.8	76.9	76.9	77.[illegible]	77.1	77.1	77.2	77.[illegible]	77.[illegible]	77.3	77.3	77.4	77.4
≥ 14000	78.7	79.5	79.7	80.1	80.3	80.4	80.5	80.5	80.5	80.6	80.[illegible]	80.[illegible]	80.7	80.7	80.8	80.9
≥ 12000	82.3	83.3	83.5	84.3	84.7	84.8	84.9	84.9	84.9	84.[illegible]	84.[illegible]	84.[illegible]	[illegible].7	84.7	84.[illegible]	84.8
≥ 10000	84.1	85.1	85.3	85.9	86.1	86.2	86.3	86.4	86.4	86.5	86.[illegible]	86.[illegible]	86.6	86.6	86.6	86.7
≥ 9000	84.4	85.4	85.6	86.1	86.5	86.5	86.6	86.7	86.7	86.8	86.[illegible]	86.8	86.9	86.9	87.0	87.1
≥ 8000	84.9	85.9	86.1	86.5	87.0	87.0	87.1	87.2	87.2	87.3	87.[illegible]	87.3	87.4	87.4	87.5	87.6
≥ 7000	85.4	86.4	86.6	87.2	87.5	87.5	87.6	87.7	87.7	87.8	87.[illegible]	87.8	87.9	87.9	88.[illegible]	88.1
≥ 6000	85.8	86.8	87.0	87.3	87.6	87.9	88.0	88.1	88.1	88.2	88.[illegible]	88.2	88.3	88.3	88.4	88.4
≥ 5000	86.4	87.5	87.7	88.2	88.5	88.6	88.7	88.8	88.8	88.9	88.[illegible]	88.9	89.0	89.0	89.[illegible]	89.1
≥ 4500	86.9	88.2	88.4	89.0	89.3	89.3	89.4	89.5	89.5	89.6	89.[illegible]	89.6	89.7	89.7	89.8	89.9
≥ 4000	87.2	88.5	88.7	89.3	89.6	89.6	89.8	89.9	89.9	90.0	90.[illegible]	90.0	90.1	90.1	90.2	90.2
≥ 3500	87.4	88.7	88.9	89.5	89.9	90.0	90.1	90.2	90.2	90.3	90.[illegible]	90.3	90.4	90.4	90.5	90.6
≥ 3000	87.8	89.0	89.3	89.9	90.3	90.4	90.5	90.6	90.6	90.8	90.[illegible]	90.8	90.9	90.9	91.0	91.0
≥ 2500	87.9	89.4	89.7	90.4	90.8	90.9	91.0	91.1	91.1	91.3	91.[illegible]	91.3	91.3	91.4	91.4	91.5
≥ 2000	88.6	90.0	90.3	91.4	91.8	91.9	92.1	92.2	92.2	92.4	92.[illegible]	92.4	92.5	92.5	92.6	92.7
≥ 1800	88.9	90.1	90.7	91.5	92.0	92.1	92.2	92.4	92.4	92.6	92.[illegible]	92.6	92.6	92.7	92.7	92.8
≥ 1500	88.8	90.5	91.2	92.2	92.7	92.9	93.7	93.3	93.3	93.5	93.[illegible]	93.5	93.6	93.6	93.7	93.8
≥ 1200	89.0	90.9	91.6	92.6	93.3	93.4	93.9	94.1	94.1	94.4	94.[illegible]	94.4	94.4	94.6	94.6	94.7
≥ 1000	89.3	91.1	91.9	92.9	93.6	93.7	94.5	94.7	94.7	95.0	95.[illegible]	95.1	95.2	95.2	95.3	95.4
≥ 900	89.5	91.4	92.1	93.2	93.9	94.1	94.9	95.1	95.1	95.4	95.[illegible]	95.6	95.7	95.7	95.8	95.9
≥ 800	89.6	91.5	92.3	93.4	94.2	94.4	95.3	95.5	95.5	96.1	96.[illegible]	96.3	96.4	96.4	96.5	96.6
≥ 700	89.7	91.6	92.4	93.7	94.5	94.6	95.6	95.8	95.8	96.5	96.[illegible]	96.8	97.0	97.0	97.0	97.1
≥ 600	89.8	91.8	92.6	93.9	94.7	94.9	95.8	96.1	96.2	96.9	97.[illegible]	97.2	97.3	97.3	97.6	97.6
≥ 500	89.9	91.9	92.8	94.1	95.0	95.1	96.2	96.5	96.6	97.3	97.[illegible]	97.7	98.1	98.1	98.2	98.2
≥ 400	89.9	91.9	92.8	94.1	95.1	95.3	96.[illegible]	96.8	96.8	97.6	97.[illegible]	97.9	98.3	98.3	98.[illegible]	98.6
≥ 300	89.9	91.9	92.8	94.2	95.2	95.4	96.5	97.0	97.0	97.8	98.[illegible]	98.2	98.7	98.7	98.9	99.2
≥ 200	89.9	91.9	92.8	94.2	95.2	95.5	96.5	97.1	97.1	97.9	98.[illegible]	98.4	98.8	98.9	99.[illegible]	99.5
≥ 100	89.9	91.9	92.8	94.2	95.2	95.5	96.5	97.1	97.2	98.0	98.[illegible]	98.5	99.0	99.2	99.5	99.8
≥ 0	89.9	91.9	92.8	94.2	95.2	95.5	96.5	97.1	97.2	98.0	98.[illegible]	98.5	99.0	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2164

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS CIVIL-PETERSON FLD (STATION NAME) 43-65 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

09-01 LST (HOURS LST)

CEILING FEET)	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.8	51.0	51.1	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000	71.8	71.7	71.9	72.1	72.3	72.3	72.5	72.6	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.8
≥ 18000	72.8	73.2	73.3	73.5	73.7	73.8	73.9	74.0	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 16000	74.8	75.2	75.4	75.5	75.8	75.8	76.0	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.4	76.4
≥ 14000	79.0	79.4	79.7	79.8	80.1	80.1	80.3	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.7	80.7
≥ 12000	83.0	83.6	83.9	84.1	84.3	84.4	84.6	84.7	84.7	84.9	84.9	84.9	84.9	84.9	85.0	85.0
≥ 10000	84.7	85.4	85.7	86.0	86.3	86.3	86.5	86.6	86.6	86.8	86.9	86.9	86.9	86.9	87.0	87.0
≥ 9000	85.5	86.2	86.5	86.8	87.1	87.1	87.3	87.4	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.8
≥ 8000	85.7	86.4	86.7	87.0	87.3	87.3	87.5	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	88.0
≥ 7000	86.1	86.8	87.2	87.4	87.7	87.8	87.9	88.0	88.0	88.3	88.4	88.3	88.3	88.3	88.3	88.4
≥ 6000	86.4	87.2	87.5	87.8	88.0	88.1	88.3	88.4	88.4	88.6	88.7	88.6	88.6	88.6	88.7	88.7
≥ 5000	87.0	87.8	88.1	88.4	88.6	88.7	88.9	89.0	89.0	89.2	89.3	89.2	89.2	89.2	89.3	89.3
≥ 4500	87.4	88.2	88.5	88.8	89.1	89.1	89.3	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.8
≥ 4000	88.0	88.8	89.1	89.4	89.7	89.7	89.9	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.4
≥ 3500	88.3	89.1	89.5	89.8	90.2	90.3	90.4	90.5	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3000	88.5	89.3	89.7	90.1	90.4	90.5	90.7	90.8	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.2
≥ 2500	88.7	89.7	90.1	90.4	90.8	90.9	91.1	91.3	91.3	91.5	91.6	91.6	91.6	91.6	91.7	91.7
≥ 2000	89.4	90.4	90.9	91.3	91.9	92.0	92.3	92.5	92.5	92.6	92.9	93.0	93.0	93.0	93.1	93.1
≥ 1800	89.6	90.7	91.2	91.7	92.2	92.3	92.7	93.0	93.0	93.3	93.4	93.5	93.5	93.5	93.6	93.6
≥ 1500	89.8	91.1	91.6	92.3	92.9	93.0	93.3	93.7	93.8	94.0	94.2	94.2	94.3	94.3	94.4	94.4
≥ 1200	90.1	91.5	92.1	92.8	93.5	93.5	93.9	94.4	94.5	94.8	95.0	95.0	95.1	95.1	95.2	95.2
≥ 1000	90.2	91.8	92.3	93.1	93.9	93.9	94.3	94.8	95.0	95.1	95.7	95.9	95.9	96.2	96.2	96.3
≥ 900	90.3	91.9	92.4	93.3	94.2	94.2	95.0	95.4	95.5	95.8	96.2	96.4	96.4	96.7	96.7	96.8
≥ 800	90.3	92.0	92.6	93.6	94.5	94.6	95.4	95.6	95.9	96.0	97.0	97.0	97.0	97.3	97.3	97.4
≥ 700	90.3	92.0	92.6	93.6	94.5	94.6	95.3	96.0	96.1	96.8	97.4	97.4	97.7	97.7	97.8	97.9
≥ 600	90.4	92.1	92.7	93.9	94.9	95.1	95.9	96.4	96.5	97.5	98.1	98.1	98.4	98.4	98.6	98.6
≥ 500	90.4	92.1	92.7	94.0	95.1	95.2	96.2	96.8	96.9	97.9	98.6	98.6	98.9	98.9	99.1	99.1
≥ 400	90.5	92.2	92.8	94.2	95.2	95.4	96.4	97.0	97.1	98.2	98.9	99.0	99.3	99.3	99.5	99.6
≥ 300	90.5	92.2	92.9	94.2	95.3	95.5	96.5	97.2	97.3	98.3	99.2	99.2	99.6	99.6	99.8	99.9
≥ 200	90.5	92.2	92.9	94.2	95.3	95.6	96.5	97.2	97.3	98.4	99.2	99.3	99.7	99.7	99.9	100.0
≥ 100	90.5	92.2	92.9	94.2	95.3	95.6	96.5	97.2	97.3	98.4	99.2	99.3	99.7	99.7	99.9	100.0
≥ 0	90.5	92.2	92.9	94.2	95.3	95.6	96.5	97.2	97.3	98.4	99.2	99.3	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 4165

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

23037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 47-56 YEARS | JA MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12:00-14:00 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.5	51.0	51.2	51.4	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 20000	71.8	72.4	72.6	73.1	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 18000	73.2	73.9	74.2	74.6	74.7	74.8	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 16000	75.4	76.1	76.5	76.9	77.1	77.1	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000	79.0	79.9	80.3	80.6	81.0	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 12000	83.1	84.1	84.5	84.8	85.2	85.3	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 10000	84.3	85.3	85.6	86.0	86.4	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 9000	84.5	85.4	85.8	86.2	86.5	86.6	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 8000	86.9	87.9	88.1	88.4	88.7	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 7000	87.1	88.1	88.3	88.6	88.9	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 6000	88.5	89.6	89.8	90.1	90.4	90.5	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 5000	88.7	89.8	90.0	90.3	90.6	90.7	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4500	89.7	90.9	91.1	91.4	91.7	91.8	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 4000	89.8	91.0	91.2	91.5	91.8	91.9	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3500	90.3	91.5	91.7	92.0	92.3	92.4	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3000	90.4	91.6	91.8	92.1	92.4	92.5	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2500	92.1	93.3	93.5	93.8	94.1	94.2	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000	92.2	93.4	93.6	93.9	94.2	94.3	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1800	92.7	93.9	94.1	94.4	94.7	94.8	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1500	92.8	94.0	94.2	94.5	94.8	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	93.1	94.2	94.4	94.7	95.0	95.1	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	93.3	94.4	94.6	94.9	95.2	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	93.8	94.9	95.1	95.4	95.7	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	93.9	95.0	95.2	95.5	95.8	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	94.1	95.2	95.4	95.7	96.0	96.1	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600	94.1	95.2	95.4	95.7	96.0	96.1	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500	94.2	95.3	95.5	95.8	96.1	96.2	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 400	94.2	95.3	95.5	95.8	96.1	96.2	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 300	94.3	95.4	95.6	95.9	96.2	96.3	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 200	94.3	95.4	95.6	95.9	96.2	96.3	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 100	94.3	95.4	95.6	95.9	96.2	96.3	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	100.0
0	94.3	95.4	95.6	95.9	96.2	96.3	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2170

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

5

CEILING VERSUS VISIBILITY

93037 COLORADO SPRINGS COLE=PETERSON FD [illegible] YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (L.S.T.)

CEILING (FT)	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	< ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.1	52.6	52.7	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 20000	71.3	72.2	72.4	72.7	72.8	72.8	72.8	72.9	72.9	72.9	73.	73.	73.0	73.0	73.0	73.0
≥ 18000	72.7	73.7	74.0	74.3	74.4	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 16000	75.5	76.5	76.8	76.9	76.9	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2
≥ 14000	78.8	79.8	80.0	80.3	80.3	80.4	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6
≥ 12000	82.3	83.3	83.7	84.0	84.0	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4
≥ 10000	84.2	85.9	86.1	86.4	86.4	86.5	86.5	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 9000	85.7	86.9	86.6	86.7	86.9	87.0	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 8000	86.8	87.6	87.3	87.6	87.7	87.8	87.9	87.9	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1
≥ 7000	88.3	89.7	88.1	88.4	88.5	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 6000	89.8	90.1	89.3	89.6	90.0	90.1	90.2	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 5000	88.3	89.8	90.2	90.3	90.8	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4500	88.8	90.2	90.6	91.0	91.2	91.3	91.5	91.3	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000	89.1	90.5	91.0	91.3	91.6	91.7	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3500	89.2	90.7	91.1	91.3	91.7	91.8	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	89.5	91.1	91.3	91.9	92.4	92.5	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500	89.8	91.4	92.0	92.4	92.9	93.1	93.2	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2000	90.4	92.0	92.7	93.2	93.8	93.9	94.1	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1800	90.5	92.2	92.9	93.5	94.1	94.2	94.5	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	90.8	92.4	93.1	93.7	94.4	94.6	94.9	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	90.7	92.6	93.4	94.1	94.8	95.0	95.4	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000	90.9	92.9	93.7	94.4	95.2	95.3	96.0	96.4	96.4	96.6	96.6	96.8	96.9	96.9	96.9	96.9
≥ 900	90.9	93.0	93.7	94.6	95.3	95.6	96.1	96.6	96.6	96.9	97.1	97.2	97.2	97.3	97.3	97.3
≥ 800	91.0	93.1	93.9	94.8	95.5	95.7	96.4	97.0	97.0	97.4	97.6	97.7	97.8	97.9	97.9	97.9
≥ 700	91.0	93.1	93.9	94.7	95.6	95.8	96.5	97.1	97.1	97.7	98.0	98.1	98.2	98.3	98.3	98.3
≥ 600	91.0	93.1	94.0	94.8	95.9	96.0	96.8	97.4	97.4	98.1	98.4	98.5	98.8	98.8	98.8	98.9
≥ 500	91.0	93.2	94.1	95.0	96.0	96.2	97.0	97.6	97.6	98.4	98.8	98.8	99.2	99.3	99.4	99.4
≥ 400	91.0	93.2	94.1	95.0	96.0	96.2	97.0	97.7	97.7	98.6	99.0	99.1	99.4	99.6	99.7	99.7
≥ 300	91.1	93.2	94.2	95.2	96.2	96.4	97.2	97.8	97.8	98.7	99.1	99.2	99.6	99.7	99.9	99.9
≥ 200	91.1	93.2	94.3	95.2	96.2	96.4	97.2	97.9	97.9	98.8	99.2	99.3	99.6	99.8	100.0	100.0
≥ 100	91.1	93.2	94.3	95.2	96.2	96.4	97.2	97.9	97.9	98.8	99.2	99.3	99.6	99.8	100.0	100.0
≥ 0	91.1	93.2	94.3	95.2	96.2	96.4	97.2	97.9	97.9	98.8	99.2	99.3	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2165

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 COLORADO SPRINGS CHILD-PETERSON FI Alaska — —
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	81.8	82.1	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 20000	74.5	75.2	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
≥ 18000	75.6	76.3	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
≥ 16000	77.3	78.0	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7
≥ 14000	79.1	79.9	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.7
≥ 12000	81.0	81.8	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.6
≥ 10000	82.9	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1
≥ 9000	83.7	84.6	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4
≥ 8000	83.2	84.2	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.0	85.0	85.0	85.1	85.1
≥ 7000	83.6	84.6	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4
≥ 6000	86.9	86.9	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7
≥ 5000	86.5	87.0	87.5	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.9	87.9	87.9	88.0	88.0
≥ 4500	85.9	87.2	87.7	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.2	88.2
≥ 4000	86.4	87.7	88.4	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3500	88.9	89.6	89.1	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.6	89.6
≥ 3000	97.3	89.0	89.6	89.8	89.9	89.9	89.9	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.2	90.2
≥ 2500	88.3	90.3	91.0	91.2	91.3	91.3	91.4	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2000	88.5	91.1	91.9	92.4	92.6	92.6	92.8	92.8	92.8	92.9	93.1	93.1	93.2	93.2	93.3	93.3
≥ 1800	89.0	91.4	92.2	92.9	93.1	93.1	93.3	93.4	93.4	93.6	93.7	93.7	93.9	93.9	94.0	94.0
≥ 1500	89.1	91.6	92.5	93.3	93.5	93.5	93.7	93.8	93.8	94.1	94.3	94.3	94.4	94.4	94.5	94.5
≥ 1200	89.3	91.9	93.0	93.8	94.1	94.1	94.4	94.6	94.7	95.0	95.2	95.2	95.4	95.4	95.5	95.5
≥ 1000	89.4	92.0	93.1	94.0	94.2	94.2	94.7	95.0	95.1	95.6	95.8	95.8	96.1	96.1	96.2	96.2
≥ 900	89.5	92.2	93.3	94.2	94.5	94.5	95.0	95.4	95.4	96.1	96.4	96.4	96.8	96.8	96.9	96.9
≥ 800	89.6	92.3	93.6	94.6	94.8	94.8	95.4	95.9	95.9	96.6	97.0	97.1	97.5	97.5	97.5	97.6
≥ 700	89.8	92.4	93.7	94.7	95.0	95.0	95.6	96.0	96.1	96.9	97.4	97.5	97.8	97.8	97.9	97.9
≥ 600	89.8	92.6	94.0	95.1	95.4	95.4	96.0	96.5	96.6	97.3	98.1	98.2	98.5	98.5	98.6	98.6
≥ 500	89.8	92.8	94.2	95.3	95.6	95.6	96.3	96.9	96.9	97.8	98.5	98.6	98.9	98.9	99.0	99.1
≥ 400	89.8	92.8	94.2	95.3	95.7	95.7	96.3	97.0	97.0	97.9	98.6	98.7	99.1	99.1	99.2	99.3
≥ 300	89.8	92.8	94.2	95.3	95.7	95.7	96.4	97.0	97.0	97.9	98.8	98.8	99.3	99.3	99.4	99.6
≥ 200	89.8	92.9	94.4	95.5	95.9	95.9	96.6	97.2	97.3	98.2	99.0	99.1	99.5	99.5	99.7	99.9
≥ 100	89.8	92.9	94.4	95.5	95.9	95.9	96.6	97.2	97.3	98.2	99.1	99.2	99.6	99.6	99.8	99.9
≥ 0	89.8	92.9	94.4	95.5	95.9	95.9	96.6	97.2	97.3	98.2	99.1	99.2	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2109

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSED BY
ETAC, USAF
ASHEVILLE, N. C. 28801

5

CEILING VERSUS VISIBILITY

93047 STATION | COLOR DESERT SPRINGS CALIF-PETERSON, AP STATION NAME | 43-47 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	65.0	75.9	86.0	85.1	86.1	86.2	86.7	86.7	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9
≥ 20000	74.4	75.9	75.6	75.8	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.3
≥ 18000	75.4	76.3	76.6	76.8	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.3	77.3	77.3	77.4
≥ 16000	77.0	78.0	78.2	78.4	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	79.0
≥ 14000	78.8	79.9	80.0	80.3	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.9
≥ 12000	80.3	81.4	81.5	81.8	81.9	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.2	82.2	82.3	82.5
≥ 10000	82.0	83.1	83.3	83.5	83.6	83.7	83.8	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.1	84.1
≥ 9000	82.2	83.3	83.5	83.7	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.3	84.5
≥ 8000	82.5	84.0	84.1	84.4	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.9	85.0
≥ 7000	83.2	84.4	84.6	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.3	85.4
≥ 6000	83.5	85.1	85.3	85.5	85.6	85.7	85.8	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.1	86.1
≥ 5000	84.1	85.7	85.9	86.2	86.3	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.8	86.9
≥ 4500	84.3	85.9	86.2	86.5	86.5	86.6	86.7	86.7	86.7	86.8	86.8	86.8	87.0	87.0	87.1	87.1
≥ 4000	84.9	86.4	86.6	86.9	87.0	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.5	87.5	87.6	87.6
≥ 3500	85.7	87.3	87.6	87.8	87.9	88.0	88.2	88.2	88.2	88.3	88.3	88.3	88.5	88.5	88.6	88.6
≥ 3000	86.1	87.7	88.0	88.2	88.3	88.4	88.7	88.7	88.7	88.9	88.9	88.9	89.0	89.0	89.1	89.2
≥ 2500	86.9	88.6	89.2	89.5	89.6	89.7	90.0	90.0	90.0	90.2	90.2	90.2	90.4	90.4	90.5	90.5
≥ 2000	87.6	90.1	90.6	91.1	91.2	91.2	91.6	91.7	91.7	92.0	92.0	92.0	92.1	92.1	92.2	92.3
≥ 1800	87.7	90.4	90.8	91.3	91.4	91.5	91.9	92.0	92.0	92.3	92.3	92.3	92.4	92.4	92.5	92.6
≥ 1500	87.9	90.6	91.3	92.0	92.2	92.3	92.7	92.8	92.8	93.1	93.2	93.2	93.3	93.3	93.4	93.5
≥ 1200	88.2	91.1	91.8	92.5	92.7	92.8	93.4	93.5	93.6	94.0	94.1	94.1	94.2	94.2	94.3	94.4
≥ 1000	88.7	91.7	92.5	93.3	93.5	93.6	94.2	94.5	94.5	95.0	95.2	95.2	95.4	95.4	95.6	95.7
≥ 900	88.8	91.8	92.7	93.5	93.7	93.8	94.4	94.7	94.7	95.3	95.6	95.7	95.9	95.9	96.1	96.2
≥ 800	88.8	92.0	92.9	93.7	94.0	94.1	94.8	95.0	95.0	95.8	96.2	96.2	96.3	96.3	96.4	96.5
≥ 700	88.8	92.0	92.9	93.7	94.0	94.1	94.8	95.1	95.1	95.9	96.3	96.4	96.6	96.6	96.7	97.0
≥ 600	88.8	92.1	93.0	93.9	94.1	94.3	95.1	95.3	95.3	96.2	96.5	96.7	97.0	97.0	97.2	97.3
≥ 500	88.9	92.2	93.1	94.1	94.4	94.5	95.3	95.6	95.6	96.6	97.0	97.1	97.4	97.5	97.7	97.8
≥ 400	88.9	92.3	93.2	94.2	94.5	94.7	95.5	95.8	95.8	96.9	97.4	97.5	97.9	98.0	98.2	98.3
≥ 300	88.9	92.3	93.2	94.2	94.5	94.7	95.6	95.9	95.9	97.0	97.6	97.7	98.2	98.2	98.4	98.6
≥ 200	88.9	92.3	93.3	94.4	94.7	94.9	95.8	96.2	96.2	97.3	98.0	98.1	98.6	98.6	98.8	99.0
≥ 100	88.9	92.3	93.3	94.4	94.7	94.9	95.8	96.2	96.2	97.4	98.2	98.3	98.8	98.8	99.2	99.5
≥ 0	88.9	92.3	93.3	94.4	94.7	94.9	95.8	96.2	96.2	97.4	98.2	98.3	98.8	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2170

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 COLORADO SPRINGS COLO-PETERSON FD 1973-77 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	58.9	59.5	59.6	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0
≥ 20000	73.6	74.3	74.6	74.8	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2
≥ 18000	74.9	75.6	75.9	76.1	76.2	76.3	76.3	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.6
≥ 16000	76.9	77.7	77.9	78.2	78.3	78.3	78.4	78.4	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6
≥ 14000	79.7	80.5	80.8	81.0	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.5
≥ 12000	82.5	83.3	83.6	83.9	84.1	84.1	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.5
≥ 10000	83.9	84.9	85.2	85.4	85.6	85.7	85.8	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0
≥ 9000	84.2	85.2	85.5	85.8	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.4
≥ 8000	84.7	85.7	86.0	86.3	86.5	86.5	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.9	86.9
≥ 7000	85.1	86.1	86.4	86.7	86.9	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.3	87.3	87.3
≥ 6000	85.8	86.9	87.2	87.5	87.7	87.7	87.9	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1
≥ 5000	86.5	87.6	88.0	88.3	88.5	88.5	88.6	88.6	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9
≥ 4500	86.7	86.8	88.3	88.6	88.8	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.3	89.3
≥ 4000	87.2	88.4	88.8	89.1	89.4	89.4	89.5	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8
≥ 3500	87.3	88.9	89.3	89.6	89.8	89.9	90.0	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.4
≥ 3000	87.8	89.2	89.7	90.0	90.3	90.4	90.5	90.6	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.9
≥ 2500	88.2	89.6	90.3	90.7	91.0	91.1	91.3	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.7	91.7
≥ 2000	88.8	90.6	91.2	91.7	92.1	92.2	92.4	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.9	92.9
≥ 1800	88.9	90.8	91.5	92.0	92.4	92.5	92.8	92.9	93.0	93.1	93.2	93.2	93.3	93.3	93.3	93.4
≥ 1500	89.1	91.1	91.9	92.5	93.0	93.1	93.5	93.7	93.7	93.9	94.0	94.0	94.1	94.1	94.1	94.2
≥ 1200	89.4	91.5	92.3	93.1	93.6	93.7	94.2	94.3	94.5	94.8	94.9	94.9	95.0	95.0	95.1	95.1
≥ 1000	89.6	91.8	92.7	93.5	94.1	94.2	94.9	95.2	95.3	95.7	95.8	95.8	96.0	96.0	96.1	96.1
≥ 900	89.7	92.0	92.8	93.7	94.4	94.5	95.2	95.5	95.6	96.0	96.2	96.3	96.4	96.5	96.5	96.6
≥ 800	89.8	92.1	93.0	93.9	94.6	94.8	95.5	95.9	96.0	96.3	96.5	96.8	97.0	97.1	97.1	97.2
≥ 700	89.8	92.2	93.1	94.0	94.8	94.9	95.7	96.1	96.2	96.8	97.2	97.2	97.4	97.5	97.5	97.6
≥ 600	89.9	92.3	93.3	94.3	95.0	95.2	96.0	96.5	96.5	97.2	97.6	97.7	97.9	98.0	98.0	98.1
≥ 500	89.9	92.4	93.4	94.4	95.2	95.4	96.2	96.8	96.8	97.6	98.0	98.1	98.4	98.4	98.5	98.6
≥ 400	89.9	92.5	93.5	94.5	95.4	95.5	96.4	97.0	97.0	97.8	98.3	98.4	98.7	98.7	98.9	98.9
≥ 300	90.0	92.5	93.6	94.6	95.5	95.7	96.5	97.1	97.2	98.0	98.5	98.6	99.0	99.0	99.1	99.2
≥ 200	90.0	92.5	93.6	94.7	95.6	95.7	96.7	97.3	97.3	98.1	98.7	98.8	99.2	99.2	99.4	99.5
≥ 100	90.0	92.5	93.6	94.7	95.6	95.8	96.7	97.3	97.3	98.2	98.8	98.8	99.3	99.3	99.5	99.5
0	90.0	92.5	93.6	94.7	95.6	95.8	96.7	97.3	97.3	98.2	98.9	98.8	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 17345

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA REPRESENTATIVE OF [illegible]
ETAC USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 STATION | [illegible] STATION NAME | [illegible] YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	72.4	73.3	73.6	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
≥ 18000	73.2	74.4	74.5	74.5	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9
≥ 16000	74.3	75.7	75.8	75.8	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2
≥ 14000	76.9	77.6	77.7	77.8	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2
≥ 12000	77.7	78.4	79.0	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4
≥ 10000	78.7	79.9	80.0	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4
≥ 9000	78.9	80.1	80.2	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.7
≥ 8000	79.1	80.3	80.4	80.5	80.6	80.7	80.7	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	81.0
≥ 7000	79.8	81.1	81.2	81.2	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6
≥ 6000	80.8	82.1	82.0	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4
≥ 5000	81.9	83.2	83.4	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
≥ 4500	82.3	83.7	83.9	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3
≥ 4000	82.7	84.2	84.4	84.6	84.7	84.7	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	85.1
≥ 3500	83.1	84.7	84.9	85.0	85.2	85.2	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.5
≥ 3000	85.6	86.2	86.3	86.9	86.0	86.1	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.5
≥ 2500	86.3	87.0	87.2	87.9	87.1	87.1	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.5
≥ 2200	86.6	87.3	87.4	87.5	88.1	88.2	88.4	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.8
≥ 1800	86.9	87.6	87.8	87.9	88.0	88.1	88.3	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.7
≥ 1500	87.0	87.7	87.9	88.0	88.1	88.2	88.4	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.8
≥ 1200	87.2	87.9	88.1	88.2	88.3	88.4	88.6	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	89.0
≥ 1000	87.3	88.0	88.2	88.3	88.4	88.5	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.1
≥ 900	87.4	88.1	88.3	88.4	88.5	88.6	88.8	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.2
≥ 800	87.5	88.2	88.4	88.5	88.6	88.7	88.9	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.3
≥ 700	87.6	88.3	88.5	88.6	88.7	88.8	89.0	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.4
≥ 600	87.7	88.4	88.6	88.7	88.8	88.9	89.1	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.5
≥ 500	87.8	88.5	88.7	88.8	88.9	89.0	89.2	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.6
≥ 400	87.9	88.6	88.8	88.9	89.0	89.1	89.3	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.7
≥ 300	88.0	88.7	88.9	89.0	89.1	89.2	89.4	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.8
≥ 200	88.1	88.8	89.0	89.1	89.2	89.3	89.5	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.9
≥ 100	88.2	88.9	89.1	89.2	89.3	89.4	89.6	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	90.0
≥ 0	88.3	89.0	89.2	89.3	89.4	89.5	89.7	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.1

TOTAL NUMBER OF OBSERVATIONS 1964

USAF ETAC FORM JUL 61 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
SHERIDAN, WYOMING 82801

CEILING VERSUS VISIBILITY

93037 STATION | [illegible] STATION NAME | [illegible] YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES): ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	0
NO CEILING	[illegible]	[illegible]	64.0	64.0	[illegible]	64.1	64.1	[illegible]	64.1	64.3	64.3	64.3	64.3	64.3	64.3	[illegible]
≥ 20000	71.7	72.3	72.5	72.4	[illegible]	72.9	72.9	[illegible]	72.9	73.2	73.2	[illegible]	73.3	73.3	73.3	73.3
≥ 18000	72.7	[illegible]	73.6	[illegible]	73.7	73.9	73.9	73.9	73.9	[illegible]	74.2	[illegible]	[illegible]	74.3	74.3	74.3
≥ 16000	74.8	[illegible]	74.9	[illegible]	75.0	75.2	75.2	[illegible]	[illegible]	75.5	75.5	75.5	75.6	75.6	[illegible]	[illegible]
≥ 14000	75.8	[illegible]	76.7	[illegible]	76.9	77.0	77.1	77.1	77.1	77.3	77.3	77.3	77.4	77.4	77.4	77.4
≥ 12000	77.6	[illegible]	78.6	[illegible]	78.9	79.0	79.1	[illegible]	79.1	79.3	[illegible]	79.4	79.4	79.4	[illegible]	79.4
≥ 10000	78.3	79.4	79.6	79.7	79.8	79.9	80.0	[illegible]	[illegible]	[illegible]	[illegible]	80.3	80.3	[illegible]	[illegible]	[illegible]
≥ 9000	78.6	79.5	79.7	79.8	79.9	80.1	80.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	80.5	[illegible]	[illegible]	[illegible]
≥ 8000	79.1	80.0	80.3	80.4	80.5	80.6	80.7	[illegible]	80.7	80.9	80.9	80.9	81.0	81.0	81.0	81.0
≥ 7000	79.6	80.0	80.8	80.9	81.0	81.2	81.2	81.2	81.2	81.5	81.5	81.5	81.6	81.6	81.6	[illegible]
≥ 6000	80.8	81.7	82.0	82.1	82.2	82.4	82.4	82.4	82.4	82.7	82.7	82.7	82.8	82.8	82.8	82.8
≥ 5000	81.4	82.8	83.0	83.1	83.2	83.4	83.5	[illegible]	83.5	83.7	83.7	83.7	83.8	83.8	83.8	83.8
≥ 4500	82.9	83.3	83.6	83.7	83.8	84.0	84.0	[illegible]	84.0	84.3	84.3	84.3	84.4	84.4	84.4	84.4
≥ 4000	82.9	84.2	84.4	84.5	84.6	84.9	84.9	84.9	84.9	85.2	85.2	85.2	85.3	85.3	85.3	85.3
≥ 3500	83.5	85.0	85.3	85.4	85.5	85.7	85.7	85.7	85.7	86.0	86.0	86.0	86.1	86.1	86.1	86.1
≥ 3000	84.1	85.6	85.9	86.1	86.2	86.5	86.7	86.7	86.7	86.9	86.9	86.9	87.0	87.0	87.0	87.0
≥ 2500	84.4	86.0	86.4	86.7	86.9	87.3	87.4	87.4	87.4	87.6	87.6	87.6	87.7	87.7	87.7	87.7
≥ 2000	85.0	86.6	87.2	87.5	87.8	88.3	88.5	88.5	88.5	88.8	88.8	88.8	88.9	88.9	88.9	88.9
≥ 1800	85.1	86.0	87.3	87.7	88.0	88.5	88.7	88.7	88.7	89.0	89.0	89.0	89.1	89.1	89.1	89.1
≥ 1500	85.3	87.2	87.8	88.3	88.7	89.2	89.4	89.5	89.5	89.8	89.9	89.9	90.0	90.0	90.0	90.0
≥ 1200	85.3	87.5	88.2	88.6	89.2	89.6	89.9	90.1	90.1	90.7	90.9	90.9	91.0	91.0	91.0	91.0
≥ 1000	85.7	87.9	88.6	89.0	89.6	90.0	90.4	90.7	90.7	91.5	91.7	91.7	91.9	91.9	91.9	91.9
≥ 900	85.8	88.2	88.9	89.4	90.0	90.4	90.8	91.2	91.2	91.9	92.1	92.1	92.3	92.3	92.3	92.3
≥ 800	86.1	88.4	89.1	89.6	90.3	90.7	91.2	91.5	91.5	92.3	92.5	92.5	92.6	92.6	92.6	92.7
≥ 700	86.5	89.0	89.7	90.2	90.9	91.4	91.8	92.1	92.1	92.9	93.1	93.1	93.3	93.3	93.3	93.3
≥ 300	86.8	89.4	90.1	90.7	91.4	91.8	92.3	92.6	92.6	93.4	93.6	93.6	93.8	93.8	93.9	94.0
≥ 500	86.9	89.7	90.5	91.1	91.9	92.4	92.9	93.2	93.3	94.2	94.4	94.4	94.7	94.7	94.8	94.8
≥ 400	87.0	90.0	90.8	91.4	92.2	92.7	93.3	93.6	93.7	94.6	94.9	94.9	95.3	95.3	95.4	95.5
≥ 300	87.0	90.3	91.3	91.9	92.7	93.2	93.8	94.2	94.2	95.2	95.5	95.5	96.1	96.2	96.3	96.5
≥ 200	87.1	90.4	91.5	92.2	93.0	93.5	94.2	94.5	94.6	95.7	96.1	96.1	96.7	96.8	97.2	97.4
≥ 100	87.1	90.4	91.5	92.2	93.0	93.5	94.3	94.6	94.6	95.9	96.3	96.3	97.1	97.3	98.0	98.6
≥ 0	87.1	90.4	91.5	92.2	93.0	93.5	94.3	94.6	94.6	95.9	96.3	96.3	97.1	97.3	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1967

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93047 — STATION — COLORADO SPRINGS COLORADO — STATION NAME — [illegible] — YEARS — [illegible] — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] — HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.6	51.6	51.7	51.9	52.1	52.1	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4
≥ 20000	66.3	66.9	67.3	67.5	67.7	67.7	67.7	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	68.0
≥ 18000	67.7	68.3	68.7	68.9	69.1	69.1	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.4	69.4
≥ 16000	70.4	71.0	71.4	71.6	71.8	71.8	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1
≥ 14000	74.0	74.8	75.1	75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.9	75.9
≥ 12000	76.9	77.7	78.1	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.9	78.9
≥ 10000	78.5	79.4	79.8	80.0	80.2	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.6	80.6
≥ 9000	79.0	79.9	80.2	80.4	80.7	80.7	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	81.0	81.0
≥ 8000	79.8	80.7	81.1	81.4	81.5	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.9	81.9
≥ 7000	80.6	81.6	81.9	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.6	82.6	82.7	82.7	82.8	82.8
≥ 6000	81.3	82.3	82.7	82.9	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.6	83.6
≥ 5000	82.3	83.3	83.9	84.2	84.5	84.5	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.8	84.8
≥ 4500	82.5	83.8	84.2	84.5	84.8	84.8	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.1	85.2
≥ 4000	83.2	84.4	84.9	85.2	85.5	85.5	85.6	85.7	85.7	85.7	85.8	85.8	85.9	85.9	86.0	86.0
≥ 3500	85.7	85.0	85.4	85.8	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.6	86.6	86.6	86.7	86.8
≥ 3000	86.0	85.4	86.1	86.6	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.5	87.6
≥ 2500	86.1	85.6	86.5	87.2	87.7	87.7	87.9	88.0	88.0	88.1	88.2	88.2	88.3	88.3	88.4	88.4
≥ 2000	86.6	86.3	87.2	87.9	88.6	88.6	88.8	88.9	88.9	89.1	89.1	89.1	89.2	89.2	89.3	89.4
≥ 1800	86.9	86.6	87.3	87.9	88.7	88.7	89.0	89.0	89.0	89.2	89.3	89.3	89.4	89.4	89.5	89.5
≥ 1500	85.0	87.1	88.0	88.7	89.5	89.6	89.9	89.9	89.9	90.2	90.3	90.3	90.5	90.5	90.6	90.6
≥ 1200	85.2	87.3	88.2	89.0	89.8	89.9	90.2	90.3	90.3	90.7	90.8	90.8	91.0	91.0	91.1	91.1
≥ 1000	85.8	88.0	88.9	89.9	90.8	90.9	91.5	91.6	91.6	92.1	92.3	92.3	92.5	92.5	92.6	92.6
≥ 900	85.5	88.0	89.0	90.0	90.9	91.0	91.6	91.8	91.8	92.1	92.3	92.5	92.7	92.7	92.8	92.8
≥ 800	86.0	88.2	89.2	90.2	91.2	91.2	91.9	92.0	92.1	92.7	92.9	92.9	93.1	93.1	93.2	93.3
≥ 700	86.0	88.3	89.3	90.3	91.4	91.4	92.1	92.3	92.3	93.0	93.3	93.3	93.6	93.6	93.7	93.7
≥ 600	86.2	88.6	89.6	90.6	91.7	91.7	92.5	92.7	92.7	93.5	93.7	93.9	94.2	94.2	94.4	94.5
≥ 500	86.3	88.7	89.8	90.8	91.9	92.0	92.8	93.0	93.0	94.1	94.5	94.5	94.9	94.9	95.1	95.3
≥ 400	86.3	88.9	90.0	91.1	92.3	92.3	93.2	93.5	93.6	94.8	95.4	95.4	95.9	95.9	96.1	96.4
≥ 300	86.3	89.0	90.2	91.5	92.6	92.7	93.7	94.0	94.1	95.4	96.4	96.4	96.9	96.9	97.2	97.6
≥ 200	86.3	89.0	90.2	91.5	92.6	92.7	93.8	94.1	94.2	95.5	96.5	96.5	97.1	97.2	97.6	98.5
≥ 100	86.3	89.0	90.2	91.5	92.6	92.7	93.8	94.1	94.2	95.6	96.6	96.6	97.2	97.3	97.9	99.2
≥ 0	86.3	89.0	90.2	91.5	92.6	92.7	93.8	94.1	94.2	95.6	96.6	96.6	97.2	97.3	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1977

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 STATION | [illegible] STATION NAME | [illegible] YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

[illegible] HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	71.3	72.0	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 14000	75.9	76.5	76.5	76.7	76.7	76.7	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 12000	79.3	80.1	80.2	80.3	80.4	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 10000	81.2	81.9	82.0	82.1	82.2	82.2	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 9000	81.6	82.4	82.6	82.7	82.7	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 8000	82.4	83.3	83.4	83.5	83.6	83.6	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 7000	83.4	84.3	84.4	84.5	84.6	84.6	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 6000	83.7	84.6	84.7	84.9	84.9	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000	84.7	85.7	85.8	85.9	86.0	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4500	85.1	86.1	86.2	86.3	86.4	86.4	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4000	85.8	86.7	86.8	87.0	87.1	87.1	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500	86.3	87.4	87.6	87.8	87.9	87.9	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3000	86.7	88.2	88.4	88.7	88.9	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500	87.0	88.7	88.9	89.3	89.6	89.6	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000	87.6	89.3	89.9	90.4	90.6	90.7	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800	87.7	89.6	89.9	90.4	90.7	90.7	90.9	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	87.9	89.9	90.3	90.9	91.2	91.4	91.6	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1200	88.3	90.4	90.8	91.7	92.0	92.1	92.4	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	88.4	90.7	91.2	92.1	92.5	92.6	92.9	93.2	93.3	93.6	93.9	93.9	93.9	93.9	93.9	93.9
≥ 900	88.5	90.9	91.5	92.3	92.7	92.9	93.1	93.5	93.5	93.9	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	88.7	91.2	91.8	92.7	93.2	93.4	93.8	94.1	94.2	94.7	95.0	95.0	95.0	95.1	95.1	95.1
≥ 700	88.7	91.4	92.1	93.0	93.5	93.8	94.3	94.6	94.7	95.2	95.6	95.6	95.6	95.7	95.7	95.7
≥ 600	88.7	91.5	92.4	93.3	93.9	94.2	94.9	95.4	95.5	96.1	96.5	96.5	96.6	96.6	96.6	96.6
≥ 500	88.8	91.7	92.6	93.7	94.3	94.6	95.4	96.1	96.1	96.9	97.5	97.5	97.8	97.8	97.8	97.9
≥ 400	88.8	91.7	92.7	93.8	94.5	94.8	95.8	96.5	96.5	97.4	98.0	98.0	98.4	98.4	98.4	98.5
≥ 300	88.8	91.7	92.7	94.0	94.8	95.1	96.1	96.8	96.9	97.7	98.4	98.4	99.0	99.1	99.2	99.5
≥ 200	88.8	91.7	92.7	94.0	94.8	95.1	96.1	96.8	96.9	97.7	98.5	98.5	99.0	99.1	99.3	99.6
≥ 100	88.8	91.7	92.7	94.0	94.8	95.1	96.1	96.8	96.9	97.7	98.5	98.5	99.1	99.2	99.4	99.8
0	88.8	91.7	92.7	94.0	94.8	95.1	96.1	96.8	96.9	97.7	98.5	98.5	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1977

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FC (STATION NAME) 1963 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12 Gmt to 06 (HOURS (LST))

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.5	43.6	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 20000	65.7	66.6	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 18000	67.2	67.3	67.5	67.3	67.3	67.3	67.3	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 16000	70.1	70.7	70.7	70.5	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 14000	74.6	75.1	75.2	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
≥ 12000	77.9	77.7	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0
≥ 10000	78.6	79.3	79.5	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8
≥ 9000	79.1	79.9	80.1	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4
≥ 8000	79.5	80.3	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8
≥ 7000	80.7	81.5	81.7	81.7	81.7	81.7	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0
≥ 6000	82.9	83.2	83.4	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8
≥ 5000	83.1	84.3	84.8	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500	84.1	85.1	85.3	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7
≥ 4000	85.2	86.2	86.6	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0
≥ 3500	85.0	87.1	87.4	87.6	87.5	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9
≥ 3000	86.9	88.3	88.6	88.7	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1
≥ 2500	87.6	89.3	89.6	89.8	89.8	89.9	90.1	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2000	88.8	90.3	90.6	91.0	91.0	91.1	91.3	91.4	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.7
≥ 1800	88.9	90.4	90.7	91.0	91.1	91.2	91.4	91.6	91.6	91.6	91.9	91.9	92.0	92.0	92.0	92.0
≥ 1500	88.9	90.6	91.2	91.6	91.8	91.9	92.3	92.6	92.6	92.9	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200	89.3	91.3	91.7	92.4	92.5	92.6	93.2	93.6	93.6	93.9	94.1	94.1	94.2	94.2	94.2	94.2
≥ 1000	89.7	91.6	92.2	93.0	93.2	93.3	94.0	94.5	94.5	94.8	95.1	95.1	95.3	95.3	95.3	95.3
≥ 900	89.9	92.0	92.4	93.2	93.4	93.5	94.3	94.7	94.8	95.1	95.5	95.5	95.7	95.7	95.7	95.7
≥ 800	90.0	92.1	92.5	93.3	93.5	93.7	94.5	94.9	95.0	95.3	95.9	95.9	96.2	96.3	96.3	96.3
≥ 700	90.1	92.4	92.9	93.8	94.0	94.2	95.1	95.6	95.6	96.0	96.6	96.6	96.9	97.0	97.0	97.0
≥ 600	90.1	92.4	93.0	94.0	94.2	94.4	95.4	95.9	96.0	96.4	97.1	97.1	97.4	97.5	97.6	97.5
≥ 500	90.2	92.6	93.2	94.2	94.7	94.9	96.0	96.5	96.6	97.1	97.9	97.9	98.2	98.3	98.4	98.4
≥ 400	90.3	92.8	93.5	94.5	95.0	95.2	96.3	96.9	96.9	97.5	98.3	98.3	98.7	98.8	98.9	98.9
≥ 300	90.3	92.8	93.6	94.7	95.3	95.5	96.6	97.2	97.3	97.9	98.7	98.7	99.3	99.4	99.7	99.7
≥ 200	90.3	92.8	93.6	94.7	95.3	95.6	96.6	97.3	97.3	98.0	98.8	98.8	99.4	99.5	99.8	99.8
≥ 100	90.3	92.8	93.6	94.7	95.3	95.6	96.6	97.3	97.3	98.0	98.8	98.8	99.4	99.5	99.8	100.0
≥ 0	90.3	92.8	93.6	94.7	95.3	95.6	96.6	97.3	97.3	98.0	98.8	98.8	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1976

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

94037 COLORADO SPRINGS COLO-PETERSON FD [illegible] YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	72.9	73.4	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 12000	75.0	75.7	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 10000	77.0	78.0	78.7	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 9000	78.7	79.6	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 8000	79.7	80.7	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 7000	80.7	81.7	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 6000	82.3	83.4	83.6	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 5000	83.5	84.6	84.9	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4500	83.9	85.1	85.4	85.8	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4000	84.8	86.1	86.6	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3500	85.5	86.9	87.3	87.7	87.8	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3000	86.6	88.0	88.6	88.9	89.1	89.1	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2500	87.0	89.1	89.8	90.2	90.4	90.4	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2000	88.3	89.9	90.6	91.2	91.4	91.4	91.7	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0
≥ 1800	88.4	90.0	90.8	91.4	91.6	91.6	92.0	92.0	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1500	88.8	90.0	91.5	92.2	92.6	92.6	93.0	93.2	93.2	93.3	93.4	93.4	93.5	93.5	93.5	93.5
≥ 1200	89.4	91.1	92.1	92.6	93.2	93.3	93.9	94.2	94.2	94.4	94.5	94.5	94.6	94.6	94.6	94.6
≥ 1000	89.4	91.4	92.4	93.1	93.5	93.8	94.5	94.8	94.8	95.1	95.4	95.5	95.8	95.8	95.9	95.9
≥ 900	89.6	91.6	92.5	93.3	93.7	93.9	94.6	95.0	95.0	95.3	95.6	95.7	96.0	96.0	96.0	96.0
≥ 800	89.8	91.8	92.8	93.7	94.1	94.3	95.0	95.4	95.5	95.8	96.1	96.2	96.6	96.6	96.7	96.7
≥ 700	89.8	91.8	92.8	93.7	94.1	94.4	95.1	95.6	95.6	96.0	96.3	96.3	96.9	96.9	96.9	97.0
≥ 600	89.8	91.9	92.9	93.8	94.3	94.6	95.3	95.9	96.0	96.4	96.7	96.8	97.4	97.4	97.5	97.5
≥ 500	89.8	91.9	93.0	93.9	94.6	94.8	95.7	96.4	96.5	97.0	97.3	97.4	98.1	98.2	98.3	98.4
≥ 400	89.8	92.0	93.2	94.2	94.9	95.2	96.0	96.8	96.9	97.4	98.0	98.1	98.9	99.0	99.1	99.2
≥ 300	89.9	92.2	93.4	94.3	95.1	95.4	96.2	97.0	97.1	97.8	98.2	98.3	99.1	99.2	99.4	99.4
≥ 200	89.9	92.2	93.4	94.3	95.1	95.4	96.2	97.0	97.1	97.8	98.2	98.3	99.1	99.2	99.5	99.7
≥ 100	89.9	92.2	93.4	94.3	95.1	95.4	96.2	97.0	97.1	97.8	98.2	98.3	99.1	99.2	99.5	99.8
0	89.9	92.2	93.4	94.3	95.1	95.4	96.2	97.0	97.1	97.8	98.2	98.3	99.1	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1978

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIV. [illegible]
ETAC, USAF
ASHEVILLE, N. C. 2[illegible]

CEILING VERSUS VISIBILITY

93037 | COLORADO SPRINGS COLO-PETERSON FD | [illegible] | YEARS | [illegible] | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.6	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 20000	69.0	69.8	69.8	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
≥ 18000	69.8	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 16000	71.9	72.6	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
≥ 14000	74.0	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 12000	76.9	77.1	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 10000	78.3	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 9000	78.7	79.6	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
≥ 8000	79.7	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 7000	80.7	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 6000	81.8	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 5000	82.7	83.6	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4500	83.1	84.1	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4000	83.9	85.0	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3500	84.9	86.0	86.2	86.4	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3000	85.2	86.4	86.6	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	85.7	87.1	87.5	87.7	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2000	86.5	88.5	88.9	89.3	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	86.6	88.9	89.3	89.8	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1500	86.9	89.3	89.8	90.3	90.6	90.7	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1200	87.4	90.0	90.5	91.3	91.5	91.6	92.0	92.1	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1000	87.8	90.4	90.9	91.7	91.9	92.0	92.6	92.8	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	88.1	90.8	91.3	92.2	92.4	92.6	93.2	93.5	93.5	94.0	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	88.3	91.1	91.6	92.7	92.9	93.0	93.7	94.0	94.0	94.6	95.0	95.0	95.0	95.0	95.0	95.0
≥ 700	88.[illegible]	91.[illegible]	92.0	93.1	93.3	93.5	94.2	94.4	94.5	95.2	95.6	95.6	95.6	95.6	95.6	95.6
≥ 600	8[illegible]	91.8	92.4	93.5	93.8	94.0	94.7	95.1	95.1	95.9	96.3	96.3	96.4	96.4	96.4	96.4
≥ 500	89.0	92.0	92.7	93.8	94.1	94.2	95.0	95.4	95.5	96.3	97.1	97.1	97.1	97.1	97.1	97.2
≥ 400	89.0	92.1	92.9	94.1	94.5	94.6	95.4	95.8	96.0	97.0	97.8	97.8	97.9	97.9	97.9	98.0
≥ 300	89.0	92.2	93.0	94.4	94.8	95.0	95.8	96.2	96.3	97.4	98.2	98.2	98.4	98.4	98.4	98.5
≥ 200	89.0	92.2	93.0	94.4	94.8	95.0	95.8	96.3	96.5	97.6	98.4	98.4	98.7	98.7	99.0	99.0
≥ 100	89.0	92.2	93.0	94.4	94.8	95.0	95.9	96.4	96.6	97.7	98.6	98.6	98.9	99.0	99.4	99.7
≥ 0	89.0	92.2	93.0	94.4	94.8	95.0	95.9	96.4	96.6	97.7	98.6	98.6	98.9	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1961

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93047 COLORADO SPRINGS GOLD-PETERSON FI [illegible] YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	71.0	72.1	72.3	72.4	72.4	72.4	72.4	72.5	72.5	72.6	72.7	72.7	72.8	72.9	73.[illegible]	73.[illegible]
≥ 18000	71.6	72.8	73.0	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.4	73.5	73.5
≥ 16000	72.3	73.4	73.6	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.9	73.9	73.9	74.0	74.1	74.1
≥ 14000	75.0	76.2	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.7	76.8	76.8
≥ 12000	77.0	78.2	78.4	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.8	78.9	78.9
≥ 10000	78.1	79.4	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	80.0	80.1	80.1
≥ 9000	78.2	79.4	79.6	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9	80.0	80.1	80.1
≥ 8000	79.2	80.5	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.1	81.1
≥ 7000	80.0	81.3	81.5	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 6000	80.8	82.0	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5
≥ 5000	81.2	83.0	83.2	83.3	83.4	83.4	83.4	83.5	83.5	83.4	83.4	83.4	83.4	83.5	83.5	83.5
≥ 4500	82.0	83.4	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9
≥ 4000	82.4	83.9	84.2	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3500	83.0	84.5	84.9	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4
≥ 3000	83.3	85.1	85.5	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
≥ 2500	83.7	85.9	86.4	86.7	86.8	86.8	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2000	84.4	86.8	87.4	88.0	88.3	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1800	84.6	87.1	87.9	88.4	88.7	88.7	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1500	84.8	87.4	88.3	89.0	89.3	89.3	89.7	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.1	90.1
≥ 1200	84.9	87.7	88.6	89.3	89.6	89.8	90.1	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.5	90.5
≥ 1000	85.2	88.1	89.1	89.8	90.3	90.3	90.9	91.2	91.2	91.4	91.5	91.5	91.5	91.5	91.6	91.6
≥ 900	85.5	88.5	89.6	90.4	90.9	90.9	91.5	91.6	91.8	92.0	92.2	92.2	92.2	92.2	92.3	92.3
≥ 800	85.7	88.7	89.8	90.7	91.2	91.2	91.8	92.1	92.2	92.3	92.7	92.7	92.8	92.8	92.9	92.9
≥ 700	85.8	89.0	90.1	90.9	91.4	91.4	92.2	92.5	92.6	93.0	93.4	93.4	93.5	93.6	93.6	93.6
≥ 600	86.1	89.3	90.7	91.5	92.1	92.1	92.9	93.3	93.4	93.8	94.0	94.0	94.1	94.2	94.4	94.4
≥ 500	86.2	89.8	91.0	91.9	92.4	92.4	93.2	93.7	93.8	94.2	94.5	94.9	95.0	95.1	95.1	95.2
≥ 400	86.3	90.4	91.6	92.6	93.2	93.2	94.0	94.3	94.6	95.1	95.4	95.9	96.1	96.1	96.2	96.3
≥ 300	86.4	90.6	91.8	92.8	93.6	93.6	94.4	94.9	95.1	95.5	96.3	96.4	96.7	96.7	97.0	97.0
≥ 200	86.6	90.7	91.9	93.0	93.8	93.8	94.7	95.2	95.4	95.9	96.6	96.9	97.4	97.[illegible]	97.8	97.8
≥ 100	86.8	90.8	92.0	93.0	93.8	93.8	94.7	95.3	95.4	96.0	97.0	97.3	97.8	97.8	98.5	98.6
≥ 0	86.8	90.8	92.0	93.0	93.8	93.8	94.7	95.3	95.4	96.0	97.0	97.1	98.0	98.1	98.8	[illegible]

TOTAL NUMBER OF OBSERVATIONS 1760

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA FROM CLIMATIC DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

5

CEILING VERSUS VISIBILITY

93037 STATION | SARASOTA SPRINGS (GULF-PETERSON) FD STATION NAME | 1963- YEARS | FL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.5	54.6	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3
≥ 20000	69.3	69.1	69.2	69.3	69.3	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 18000	70.5	70.5	70.4	70.5	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8
≥ 16000	72.6	72.4	72.5	72.6	72.7	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 14000	74.7	75.2	75.7	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1
≥ 12000	77.2	78.1	78.2	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 10000	78.7	79.6	79.8	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2
≥ 9000	79.1	80.0	80.2	80.3	80.4	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 8000	79.8	80.8	81.0	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4
≥ 7000	80.7	81.7	81.9	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3
≥ 6000	81.7	82.7	82.9	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4
≥ 5000	82.7	83.9	84.1	84.2	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6
≥ 4500	83.1	84.3	84.6	84.7	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1
≥ 4000	83.8	85.1	85.4	85.6	85.7	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3500	84.5	85.8	86.1	86.3	86.5	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8
≥ 3000	85.0	86.3	86.9	87.2	87.4	87.4	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2500	85.6	87.4	87.7	88.1	88.3	88.4	88.5	88.5	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2000	86.2	88.1	88.7	89.1	89.4	89.5	89.7	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0
≥ 1800	86.3	88.3	88.8	89.3	89.6	89.7	90.0	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3
≥ 1500	86.8	88.7	89.4	89.9	90.3	90.4	90.5	90.9	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.3
≥ 1200	86.8	89.1	89.8	90.2	90.9	91.0	91.4	91.7	91.7	91.9	92.0	92.0	92.1	92.1	92.1	92.1
≥ 1000	87.1	89.5	90.2	91.0	91.5	91.6	92.1	92.4	92.4	92.6	93.1	93.1	93.2	93.2	93.2	93.2
≥ 900	87.3	89.8	90.5	91.3	91.8	91.9	92.5	92.8	92.8	93.2	93.5	93.5	93.6	93.6	93.6	93.7
≥ 800	87.5	90.0	90.7	91.4	92.1	92.3	92.9	93.2	93.2	93.7	94.0	94.0	94.2	94.2	94.2	94.2
≥ 700	87.8	90.3	91.1	91.9	92.5	92.8	93.3	93.6	93.6	94.2	94.4	94.6	94.8	94.8	94.8	94.8
≥ 600	87.8	90.6	91.4	92.3	92.9	93.0	93.8	94.1	94.2	94.8	95.2	95.2	95.5	95.5	95.5	95.5
≥ 500	87.9	90.8	91.7	92.6	93.3	93.5	94.2	94.7	94.7	95.4	95.9	96.0	96.3	96.3	96.4	96.4
≥ 400	88.0	91.0	92.0	93.0	93.7	93.9	94.7	95.2	95.3	96.0	96.6	96.8	97.0	97.1	97.1	97.2
≥ 300	88.1	91.1	92.2	93.2	94.0	94.2	95.0	95.6	95.6	96.5	97.1	97.2	97.7	97.7	97.9	98.0
≥ 200	88.1	91.2	92.2	93.3	94.1	94.3	95.2	95.7	95.8	96.7	97.4	97.5	98.0	98.1	98.4	98.7
≥ 100	88.1	91.2	92.3	93.3	94.1	94.3	95.2	95.8	95.9	96.8	97.5	97.6	98.2	98.3	98.5	99.3
≥ 0	88.1	91.2	92.3	93.3	94.1	94.3	95.2	95.8	95.9	96.8	97.5	97.6	98.3	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 15762

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 CLEARWATER SPRINGS CAL-PETERSON, FL 1964 ANNUAL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING FEET:	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.8	60.4	60.3	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
≥ 20000	66.9	67.4	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7
≥ 18000	67.4	67.7	68.0	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4
≥ 16000	68.7	69.4	69.3	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7
≥ 14000	70.9	71.1	71.2	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.7	71.7	71.7	71.7
≥ 12000	72.4	72.7	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.4
≥ 10000	73.9	74.5	74.6	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	75.0	75.0	75.0
≥ 9000	74.2	74.7	74.9	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2
≥ 8000	74.8	75.4	75.5	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9
≥ 7000	75.0	75.6	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.2	76.2	76.2	76.2
≥ 6000	76.2	76.9	77.0	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4
≥ 5000	77.2	77.9	78.0	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.6	78.6	78.6	78.6
≥ 4500	77.8	78.3	78.4	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9
≥ 4000	78.0	78.6	79.0	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.5	79.5	79.5	79.5
≥ 3500	78.8	79.5	79.9	80.0	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4
≥ 3000	79.4	80.7	80.9	81.3	81.6	81.6	81.8	81.9	81.9	81.9	82.0	82.0	82.1	82.1	82.1	82.1
≥ 2500	80.3	81.9	82.3	82.7	83.0	83.1	83.3	83.4	83.4	83.4	83.5	83.5	83.6	83.6	83.6	83.6
≥ 2000	81.7	83.3	84.0	84.4	85.0	85.1	85.4	85.5	85.5	85.6	85.7	85.7	85.8	85.8	85.8	85.8
≥ 1800	82.1	84.0	84.5	85.0	85.5	85.6	86.2	86.2	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5
≥ 1500	85.0	85.1	85.7	86.3	86.9	86.9	87.4	87.6	87.6	87.7	87.8	87.9	88.0	88.0	88.0	88.0
≥ 1200	86.4	86.8	86.4	87.1	87.6	87.7	88.3	88.7	88.7	88.8	89.0	89.0	89.2	89.2	89.2	89.2
≥ 1000	86.0	86.5	87.1	87.9	88.4	88.5	89.2	89.6	89.6	89.8	90.2	90.2	90.3	90.3	90.4	90.4
≥ 900	86.7	86.6	87.4	88.2	88.8	88.9	89.6	90.1	90.1	90.4	90.8	90.8	91.0	91.0	91.1	91.1
≥ 800	86.7	87.3	87.9	88.8	89.3	89.4	90.2	90.8	90.9	91.2	91.7	91.7	92.1	92.1	92.2	92.2
≥ 700	86.8	87.4	88.0	88.9	89.6	89.7	90.5	91.1	91.2	91.6	92.2	92.2	92.6	92.6	92.7	92.7
≥ 600	85.0	87.7	88.3	89.3	90.1	90.2	91.0	91.7	91.8	92.3	93.0	93.0	93.5	93.5	93.6	93.6
≥ 500	85.5	88.3	89.1	90.2	90.9	91.0	91.9	92.7	92.7	93.3	94.2	94.3	94.8	94.8	95.0	95.0
≥ 400	85.6	88.5	89.4	90.4	91.2	91.3	92.2	93.0	93.1	93.7	94.8	94.8	95.4	95.4	95.6	95.6
≥ 300	85.7	88.8	89.7	90.8	91.6	91.9	92.9	93.2	93.8	94.5	95.7	95.7	96.3	96.3	96.8	96.8
≥ 200	85.7	88.8	89.8	91.0	91.8	92.1	93.1	94.0	94.1	95.0	96.3	96.4	97.3	97.4	97.7	97.7
≥ 100	85.7	88.8	89.8	91.0	91.8	92.2	93.2	94.1	94.2	95.2	96.5	96.6	97.7	97.8	98.1	98.4
≥ 0	85.7	88.8	89.8	91.0	91.8	92.4	93.2	94.1	94.2	95.2	96.6	96.8	97.7	97.8	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2145

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 COLORADO SPRINGS (CO)-PETERSON FI [illegible] YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1½	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	58.6	59.1	59.1	59.2	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.7	59.7
≥ 20000	66.7	67.2	67.3	67.4	67.5	67.6	67.7	67.7	67.8	67.8	67.9	67.9	67.9	67.9	68.1	68.2
≥ 18000	67.0	67.2	67.6	67.7	67.8	68.0	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.4	68.5
≥ 16000	68.2	68.6	68.8	68.9	69.0	69.2	69.2	69.3	69.3	69.4	69.4	69.4	69.5	69.5	69.7	69.7
≥ 14000	70.3	70.6	70.9	71.0	71.1	71.3	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.7	71.8
≥ 12000	72.7	73.4	73.4	73.4	73.6	73.7	73.8	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.2	74.3
≥ 10000	74.4	75.1	75.1	75.2	75.4	75.5	75.6	75.6	75.7	75.7	75.8	75.8	75.9	75.9	76.1	76.1
≥ 9000	74.9	75.5	75.6	75.7	75.9	76.0	76.1	76.1	76.2	76.2	76.3	76.3	76.4	76.4	76.6	76.6
≥ 8000	75.1	75.8	75.9	76.0	76.2	76.3	76.4	76.4	76.5	76.5	76.6	76.6	76.7	76.7	76.9	76.9
≥ 7000	75.6	76.3	76.4	76.5	76.7	76.8	76.9	76.9	77.0	77.0	77.1	77.1	77.2	77.2	77.3	77.4
≥ 6000	76.2	76.9	77.0	77.1	77.3	77.4	77.5	77.5	77.6	77.6	77.7	77.7	77.8	77.8	77.9	78.0
≥ 5000	77.1	78.1	78.1	78.3	78.5	78.6	78.7	78.7	78.8	78.8	78.9	78.9	79.0	79.0	79.2	79.2
≥ 4500	77.3	78.3	78.6	78.7	78.9	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.4	79.4	79.6	79.7
≥ 4000	77.9	78.9	79.0	79.1	79.4	79.5	79.6	79.6	79.7	79.7	79.8	79.8	79.9	79.9	80.0	80.1
≥ 3500	78.7	79.6	79.8	80.1	80.4	80.5	80.6	80.7	80.7	80.6	80.9	80.9	81.0	81.0	81.1	81.2
≥ 3000	79.3	80.4	80.7	81.2	81.5	81.7	81.8	81.8	81.9	82.0	82.0	82.0	82.1	82.1	82.2	82.3
≥ 2500	80.2	81.5	81.8	82.5	83.0	83.3	83.4	83.5	83.5	83.6	83.7	83.7	83.8	83.8	83.9	84.0
≥ 2000	81.5	83.1	83.6	84.5	85.1	85.3	85.5	85.5	85.6	85.6	85.7	85.7	85.8	85.8	85.9	86.0
≥ 1800	81.7	83.3	83.8	84.8	85.4	85.7	86.0	86.1	86.1	86.2	86.3	86.3	86.4	86.4	86.5	86.6
≥ 1500	82.5	84.3	84.7	85.8	86.6	86.9	87.4	87.6	87.6	87.7	87.8	87.8	87.9	87.9	88.0	88.1
≥ 1200	83.1	85.0	85.5	86.7	87.7	87.9	88.5	88.6	88.9	88.9	89.0	89.0	89.1	89.1	89.3	89.4
≥ 1000	83.7	85.7	86.4	87.6	88.6	88.9	89.5	89.9	89.9	90.1	90.3	90.3	90.5	90.5	90.6	90.7
≥ 900	84.0	86.0	86.8	88.0	89.0	89.3	89.9	90.5	90.5	90.7	90.9	90.9	91.1	91.1	91.2	91.3
≥ 800	84.2	86.3	87.1	88.3	89.4	89.7	90.4	91.0	91.0	91.1	91.4	91.4	92.1	92.1	92.2	92.3
≥ 700	84.2	86.5	87.4	88.5	89.6	90.0	90.7	91.3	91.4	92.0	92.4	92.4	92.6	92.6	92.7	92.8
≥ 600	84.8	87.2	88.2	89.3	90.6	90.9	91.7	92.4	92.4	93.0	93.5	93.5	93.7	93.7	93.9	94.0
≥ 500	85.0	87.7	88.9	90.2	91.4	91.7	92.5	93.3	93.3	94.1	94.7	94.7	95.0	95.0	95.2	95.3
≥ 400	85.1	88.1	89.3	90.9	92.2	92.6	93.5	94.3	94.4	95.2	95.9	96.0	96.3	96.3	96.5	96.6
≥ 300	85.3	88.5	89.7	91.4	92.9	93.2	94.3	95.3	95.4	96.2	97.0	97.1	97.4	97.4	97.7	97.8
≥ 200	85.3	88.5	89.8	91.5	93.0	93.3	94.5	95.5	95.6	96.7	97.4	97.6	98.0	98.0	98.4	98.6
≥ 100	85.3	88.5	89.8	91.6	93.0	93.4	94.6	95.7	95.7	96.8	97.6	97.7	98.3	98.3	98.8	99.2
≥ 0	85.3	88.5	89.8	91.6	93.0	93.4	94.6	95.7	95.7	96.8	97.6	97.8	98.3	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2154

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 COLORADO SPRINGS CO,3=PETERSON FD 63-67 MAR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00-06, 09
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	49.8	50.5	50.6	50.7	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0
≥ 20000	63.4	64.3	64.7	64.8	64.9	65.0	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.5	65.5	65.7
≥ 18000	64.7	65.0	65.9	66.1	66.3	66.3	66.5	66.6	66.6	66.6	66.7	66.8	66.8	66.8	66.8	67.1
≥ 16000	67.2	68.3	68.4	68.5	68.8	68.8	69.0	69.1	69.1	69.1	69.2	69.3	69.3	69.3	69.3	69.5
≥ 14000	70.1	71.2	71.4	71.5	71.7	71.8	71.9	72.1	72.1	72.1	72.2	72.2	72.2	72.3	72.3	72.5
≥ 12000	73.3	74.8	74.8	75.1	75.3	75.4	75.5	75.7	75.7	75.7	75.8	75.9	75.9	76.0	76.0	76.1
≥ 10000	75.3	76.8	76.7	77.0	77.3	77.3	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.9	77.9	78.1
≥ 9000	76.0	77.2	77.4	77.7	78.0	78.0	78.2	78.4	78.4	78.4	78.5	78.5	78.5	78.6	78.6	78.8
≥ 8000	76.2	77.5	77.7	78.0	78.3	78.3	78.5	78.6	78.6	78.6	78.8	78.8	78.8	78.9	78.9	79.1
≥ 7000	76.8	78.1	78.3	78.6	78.9	79.0	79.1	79.3	79.3	79.3	79.5	79.5	79.5	79.6	79.6	79.8
≥ 6000	77.5	78.8	79.0	79.3	79.6	79.6	79.8	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.3	80.5
≥ 5000	78.5	79.8	80.0	80.2	80.6	80.6	80.8	80.9	80.9	81.0	81.2	81.2	81.2	81.2	81.3	81.4
≥ 4500	79.2	80.6	80.8	81.1	81.4	81.5	81.7	81.8	81.8	81.9	82.0	82.0	82.0	82.1	82.1	82.3
≥ 4000	79.5	81.0	81.2	81.5	81.9	82.0	82.1	82.3	82.3	82.3	82.5	82.5	82.5	82.6	82.6	82.8
≥ 3500	79.9	81.6	81.9	82.2	82.6	82.6	82.8	82.9	82.9	83.0	83.2	83.2	83.2	83.2	83.2	83.4
≥ 3000	80.5	82.4	82.9	83.2	83.6	83.7	83.9	84.1	84.1	84.1	84.3	84.3	84.4	84.4	84.4	84.6
≥ 2500	81.4	83.5	84.0	84.4	85.0	85.0	85.3	85.5	85.5	85.6	85.7	85.8	85.8	85.9	85.9	86.1
≥ 2000	82.2	84.4	85.1	85.6	86.3	86.3	86.7	87.0	87.1	87.2	87.4	87.4	87.5	87.5	87.6	87.8
≥ 1800	82.4	84.7	85.5	86.0	86.7	86.7	87.0	87.4	87.5	87.6	87.9	87.9	88.0	88.0	88.0	88.2
≥ 1500	83.0	85.3	86.1	86.7	87.4	87.4	87.8	88.3	88.5	88.6	89.0	89.0	89.0	89.1	89.1	89.3
≥ 1200	83.4	85.8	86.6	87.1	87.9	88.0	88.5	89.1	89.2	89.6	90.0	90.0	90.1	90.1	90.2	90.4
≥ 1000	83.8	86.3	87.2	88.0	88.9	88.9	89.5	90.2	90.4	90.9	91.3	91.3	91.5	91.6	91.6	91.8
≥ 900	84.0	86.6	87.4	88.2	89.1	89.2	89.8	90.5	90.7	91.2	91.7	91.7	91.9	91.9	92.0	92.2
≥ 800	84.1	86.8	87.8	88.6	89.6	89.6	90.3	91.2	91.5	92.0	92.7	92.8	93.0	93.1	93.2	93.4
≥ 700	84.4	87.3	88.3	89.2	90.3	90.3	91.2	92.0	92.2	92.8	93.5	93.6	93.9	93.9	94.0	94.2
≥ 600	84.7	87.9	88.9	89.9	91.0	91.1	92.1	92.9	93.2	93.8	94.5	94.7	95.0	95.0	95.2	95.3
≥ 500	84.8	88.1	89.2	90.3	91.6	91.7	92.7	93.7	94.0	94.7	95.4	95.6	95.9	95.9	96.1	96.3
≥ 400	84.9	88.2	89.4	90.6	92.1	92.2	93.2	94.3	94.8	95.7	96.4	96.6	97.1	97.2	97.4	97.6
≥ 300	84.9	88.2	89.5	90.8	92.2	92.4	93.5	94.9	95.2	96.2	97.0	97.1	97.7	97.8	98.1	98.4
≥ 200	84.9	88.2	89.5	90.8	92.3	92.4	93.6	95.0	95.2	96.3	97.2	97.3	97.9	98.1	98.4	98.9
≥ 100	84.9	88.2	89.5	90.8	92.3	92.4	93.6	95.0	95.2	96.3	97.2	97.3	98.0	98.1	98.6	99.5
0	84.9	88.2	89.5	90.8	92.3	92.4	93.6	95.0	95.2	96.3	97.2	97.3	98.0	98.2	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2167

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 STATION | [illegible] SPRINGS COLLEGE, PA STATION NAME | 48-52 YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-1100 HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	47.3	48.0	48.0	48.1	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 20000	65.9	66.3	66.3	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8
≥ 18000	67.0	68.0	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 16000	69.7	70.6	70.6	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 14000	72.8	73.6	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 12000	75.9	77.0	77.2	77.4	77.3	77.5	77.6	77.6	77.5	77.5	77.6	77.6	77.6	77.6	77.7	77.7
≥ 10000	77.8	78.9	79.1	79.3	79.4	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 9000	78.5	79.6	79.8	80.0	80.1	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 8000	79.1	80.2	80.4	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0
≥ 7000	79.9	81.1	81.2	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8
≥ 6000	81.3	82.5	82.7	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3
≥ 5000	82.5	83.8	84.0	84.2	84.3	84.4	84.6	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4500	82.9	84.2	84.4	84.6	84.7	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4000	83.5	84.8	85.1	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7
≥ 3500	84.0	85.4	85.7	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4
≥ 3000	84.8	86.3	86.5	86.9	87.0	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5
≥ 2500	85.2	87.1	87.4	87.8	88.0	88.1	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2000	86.1	88.2	88.4	88.9	89.1	89.3	89.5	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1800	86.9	88.4	88.7	89.3	89.5	89.6	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4
≥ 1500	87.0	89.3	89.7	90.3	90.5	90.7	91.2	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	87.5	90.1	90.5	91.1	91.4	91.6	92.2	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1000	88.0	90.6	91.1	91.7	92.1	92.3	93.1	93.5	93.5	93.7	93.8	93.8	93.9	93.9	93.9	93.9
≥ 900	88.2	91.0	91.6	92.3	92.6	92.8	93.6	94.1	94.1	94.3	94.4	94.4	94.4	94.4	94.5	94.5
≥ 800	88.3	91.2	91.9	92.6	93.3	93.5	94.4	95.0	95.0	95.3	95.5	95.5	95.6	95.6	95.7	95.7
≥ 700	88.4	91.7	92.3	93.0	93.8	94.1	94.9	95.6	95.7	96.0	96.2	96.2	96.3	96.3	96.4	96.4
≥ 600	88.8	92.1	92.8	93.9	94.7	95.0	96.0	96.7	96.8	97.2	97.5	97.5	97.6	97.6	97.7	97.7
≥ 500	89.0	92.3	93.0	94.2	95.0	95.3	96.4	97.3	97.3	98.0	98.3	98.3	98.5	98.5	98.7	98.7
≥ 400	89.1	92.4	93.2	94.3	95.3	95.6	96.8	97.6	97.6	98.4	98.8	98.8	99.1	99.2	99.4	99.4
≥ 300	89.1	92.4	93.2	94.3	95.3	95.6	96.8	97.6	97.6	98.4	98.8	98.8	99.1	99.3	99.4	99.4
≥ 200	89.1	92.4	93.2	94.3	95.3	95.6	96.8	97.6	97.6	98.4	98.8	98.8	99.2	99.3	99.6	99.7
≥ 100	89.1	92.4	93.2	94.3	95.3	95.6	96.8	97.6	97.6	98.4	98.8	98.8	99.2	99.3	99.6	100.0
0	89.1	92.4	93.2	94.3	95.3	95.6	96.8	97.6	97.6	98.4	98.8	98.8	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2109

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 STATION | COLORADO SPRINGS (AIRPORT) STATION NAME | [illegible] YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES): ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 20000	59.7	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.4	61.2	61.2
≥ 18000	62.2	62.3	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
≥ 16000	64.7	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.4	65.2	65.2
≥ 14000	67.7	68.0	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 12000	70.7	71.1	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5
≥ 10000	72.3	72.9	72.9	72.9	73.0	73.1	73.2	73.2	73.2	73.3	73.3	73.4	73.3	73.3	73.3	73.3
≥ 9000	73.4	73.8	73.9	74.0	74.0	74.1	74.2	74.2	74.2	74.3	74.4	74.3	74.3	74.3	74.3	74.3
≥ 8000	75.1	75.6	75.6	75.7	75.8	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 7000	77.9	78.1	78.1	78.2	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 6000	80.4	80.8	80.9	81.1	81.2	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 5000	82.1	82.6	82.7	82.9	83.1	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4500	82.7	83.3	83.5	83.8	84.0	84.1	84.1	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4000	83.9	84.6	84.7	85.0	85.2	85.3	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3500	84.8	85.2	85.4	85.7	85.9	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3000	86.5	86.3	86.7	87.0	87.2	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2500	86.8	87.6	87.8	88.2	88.5	88.7	88.8	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	87.8	88.7	89.0	89.6	90.0	90.2	90.3	90.4	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1800	88.1	89.3	89.6	90.3	90.8	91.0	91.1	91.1	91.1	91.4	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500	88.8	90.1	90.5	91.1	91.6	91.8	92.1	92.1	92.1	92.5	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1200	89.1	90.4	91.3	92.1	92.6	92.7	93.2	93.3	93.3	93.7	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1000	89.4	91.5	92.0	92.9	93.5	93.7	94.3	94.4	94.4	95.1	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	89.6	91.6	92.3	93.3	93.8	94.1	94.8	94.9	94.9	95.5	95.7	95.7	95.8	95.8	95.8	95.8
≥ 800	89.9	92.1	92.7	93.6	94.4	94.7	95.5	95.7	95.8	96.4	96.6	96.6	96.8	96.8	96.8	96.8
≥ 700	89.9	92.4	92.9	94.0	94.7	95.0	95.9	96.2	96.2	97.0	97.3	97.3	97.5	97.6	97.6	97.6
≥ 600	90.0	92.5	93.1	94.2	95.0	95.3	96.2	96.6	96.7	97.5	97.9	97.9	98.1	98.2	98.2	98.2
≥ 500	90.0	92.5	93.2	94.3	95.1	95.4	96.3	96.8	96.9	98.0	98.4	98.4	98.7	98.7	98.8	98.8
≥ 400	90.0	92.6	93.3	94.5	95.3	95.5	96.5	97.0	97.1	98.2	98.6	98.7	99.1	99.2	99.2	99.3
≥ 350	90.0	92.6	93.3	94.5	95.3	95.6	96.5	97.1	97.2	98.3	98.8	98.8	99.3	99.4	99.5	99.6
≥ 200	90.0	92.6	93.3	94.5	95.3	95.6	96.5	97.1	97.2	98.3	98.8	98.8	99.4	99.4	99.5	99.6
≥ 100	90.0	92.6	93.3	94.5	95.3	95.6	96.5	97.1	97.2	98.3	98.8	98.8	99.4	99.4	99.5	99.9
≥ 0	90.0	92.6	93.3	94.5	95.3	95.6	96.5	97.1	97.2	98.3	98.8	98.8	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2159

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 STATION | COLORADO SPRINGS CO/PETERSON, CO STATION NAME | 1964-68 YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13-17 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.7	39.7	39.2	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 20000	55.3	55.7	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 18000	57.9	57.7	57.4	57.5	57.5	57.6	57.6	57.6	57.5	57.6	57.6	57.6	57.6	57.6	57.5	57.6
≥ 16000	59.7	59.9	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3
≥ 14000	63.2	63.5	63.7	63.7	63.5	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0
≥ 12000	66.5	67.1	67.3	67.3	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7
≥ 10000	68.5	69.1	69.3	69.3	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7
≥ 9000	69.9	70.4	70.6	70.6	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9	71.0	71.0
≥ 8000	71.6	72.1	72.3	72.4	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.9	72.9
≥ 7000	74.4	75.0	75.3	75.4	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9
≥ 6000	78.0	78.4	78.7	78.8	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3
≥ 5000	80.8	81.3	81.7	81.8	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.4	82.4
≥ 4500	81.9	82.3	82.7	82.8	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.4
≥ 4000	82.9	83.6	84.0	84.1	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.8	84.8
≥ 3500	83.9	84.7	85.2	85.4	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.1	86.1	86.1	86.1
≥ 3000	85.4	86.4	87.0	87.1	87.4	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.9	87.9	88.0	88.0
≥ 2500	86.9	87.8	88.2	88.4	88.7	88.8	89.0	89.1	89.1	89.2	89.2	89.2	89.3	89.3	89.4	89.4
≥ 2200	87.3	88.2	88.6	88.8	89.2	89.4	89.5	89.6	89.6	89.7	89.7	89.7	89.9	89.9	90.0	90.0
≥ 2000	87.8	88.7	89.2	89.6	90.0	90.1	90.3	90.4	90.4	90.5	90.5	90.5	90.7	90.7	90.8	90.8
≥ 1800	87.9	88.8	89.3	89.7	90.1	90.3	90.5	90.6	90.6	90.7	90.7	90.7	90.9	90.9	91.0	91.0
≥ 1500	88.1	89.0	89.6	90.0	90.4	90.7	90.9	91.0	91.0	91.1	91.1	91.1	91.3	91.3	91.4	91.4
≥ 1200	88.4	89.3	89.9	90.3	90.7	91.0	91.2	91.3	91.3	91.4	91.4	91.4	91.6	91.6	91.7	91.7
≥ 1000	88.7	89.6	90.2	90.6	91.0	91.3	91.5	91.6	91.6	91.7	91.7	91.7	91.9	91.9	92.0	92.0
≥ 900	88.7	89.6	90.2	90.6	91.0	91.3	91.5	91.6	91.6	91.7	91.7	91.7	91.9	91.9	92.0	92.0
≥ 800	88.8	89.7	90.3	90.7	91.1	91.4	91.6	91.7	91.7	91.8	91.8	91.8	92.0	92.0	92.1	92.1
≥ 700	88.9	89.8	90.4	90.8	91.2	91.5	91.7	91.8	91.8	91.9	91.9	91.9	92.1	92.1	92.2	92.2
≥ 600	88.9	89.8	90.4	90.8	91.2	91.5	91.7	91.8	91.8	91.9	91.9	91.9	92.1	92.1	92.2	92.2
≥ 500	88.9	89.8	90.4	90.8	91.2	91.5	91.7	91.8	91.8	91.9	91.9	91.9	92.1	92.1	92.2	92.2
≥ 400	88.9	89.8	90.4	90.8	91.2	91.5	91.7	91.8	91.8	91.9	91.9	91.9	92.1	92.1	92.2	92.2
≥ 300	88.9	89.8	90.4	90.8	91.2	91.5	91.7	91.8	91.8	91.9	91.9	91.9	92.1	92.1	92.2	92.2
≥ 200	88.9	89.8	90.4	90.8	91.2	91.5	91.7	91.8	91.8	91.9	91.9	91.9	92.1	92.1	92.2	92.2
≥ 100	88.9	89.8	90.4	90.8	91.2	91.5	91.7	91.8	91.8	91.9	91.9	91.9	92.1	92.1	92.2	92.2
≥ 0	88.9	89.8	90.4	90.8	91.2	91.5	91.7	91.8	91.8	91.9	91.9	91.9	92.1	92.1	92.2	92.2

TOTAL NUMBER OF OBSERVATIONS 2169

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
Asheville, N. C. 28801

CEILING VERSUS VISIBILITY

93037 COLORADO SPRINGS CO PETERSON FLD 1967 ANNUAL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING (Feet)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥⅞	≥⅝	≥⅜	≥5/16	≥¼	≥0
NO CEILING	49.5	50.0	50.2	50.4	50.4	50.4	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 20000	63.7	63.3	63.5	63.7	63.7	63.7	63.8	63.8	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0
≥ 18000	63.0	64.3	64.5	64.7	64.7	64.7	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 16000	65.5	66.2	66.4	66.6	66.6	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 14000	68.2	68.9	69.1	69.4	69.4	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 12000	70.9	71.7	71.9	72.1	72.1	72.1	72.2	72.2	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4
≥ 10000	73.9	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 9000	74.3	75.2	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8
≥ 8000	75.6	76.6	76.8	77.0	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 7000	77.1	78.0	78.3	78.5	78.6	78.6	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 6000	78.9	79.9	80.1	80.4	80.4	80.4	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000	80.3	81.3	81.7	82.0	82.1	82.1	82.2	82.2	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4500	81.0	82.2	82.4	82.7	82.8	82.8	82.9	82.9	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	81.7	83.0	83.2	83.5	83.5	83.6	83.7	83.7	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	82.8	84.2	84.4	84.8	84.8	84.9	85.0	85.0	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000	83.9	85.3	85.9	86.3	86.3	86.4	86.5	86.5	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2500	84.6	86.7	87.1	87.7	87.8	87.9	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2000	85.8	88.2	88.7	89.3	89.5	89.7	89.9	90.0	90.0	90.1	90.2	90.2	90.3	90.3	90.3	90.3
≥ 1800	85.9	88.2	88.8	89.7	89.7	89.9	90.3	90.4	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1500	86.9	89.2	90.0	91.1	91.2	91.4	91.9	92.1	92.2	92.4	92.5	92.5	92.6	92.6	92.6	92.6
≥ 1200	86.9	89.7	90.6	91.7	92.0	92.1	92.7	92.9	93.0	93.3	93.4	93.4	93.5	93.5	93.5	93.5
≥ 1000	87.0	90.1	91.0	92.3	92.6	92.7	93.5	93.7	93.7	94.0	94.4	94.4	94.4	94.4	94.5	94.5
≥ 900	87.1	90.2	91.2	92.5	92.8	92.9	93.7	94.0	94.0	94.4	94.8	94.8	94.9	94.9	94.9	95.0
≥ 800	87.1	90.3	91.3	92.7	93.0	93.1	93.9	94.2	94.3	94.7	95.2	95.2	95.3	95.3	95.3	95.4
≥ 700	87.2	90.7	91.7	93.1	93.6	93.8	94.8	95.2	95.3	95.8	96.3	96.4	96.4	96.4	96.5	96.6
≥ 600	87.4	90.9	92.0	93.5	94.1	94.2	95.2	95.8	95.9	96.3	97.0	97.1	97.2	97.2	97.3	97.4
≥ 500	87.5	91.0	92.2	93.8	.4	94.5	95.6	96.2	96.3	97.0	97.6	97.7	98.0	98.0	98.2	98.2
≥ 400	87.6	91.1	92.4	93.9	94.6	94.7	95.8	96.5	96.6	97.2	97.8	97.9	98.3	98.4	98.6	98.6
≥ 300	87.6	91.1	92.4	93.9	94.6	94.7	95.8	96.5	96.6	97.2	97.8	98.0	98.5	98.7	99.0	99.1
≥ 200	87.6	91.1	92.4	93.9	94.6	94.7	95.8	96.5	96.6	97.2	97.9	98.0	98.7	98.9	99.3	99.6
≥ 100	87.6	91.1	92.4	93.9	94.6	94.7	95.8	96.5	96.6	97.2	97.9	98.0	98.8	99.0	99.5	99.9
0	87.6	91.1	92.4	93.9	94.6	94.7	95.8	96.5	96.6	97.2	97.9	98.0	98.8	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2145

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 / STATION — COLORADO SPRINGS COLO-PETERSON FI / STATION NAME — 63-67 / YEARS — 9/10 / MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21.0-24.0 / HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 1/2	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	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	59.0
≥ 20000	58.9	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	59.0
≥ 18000	67.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 16000	68.7	69.7	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
≥ 14000	70.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 12000	72.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 10000	74.5	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 9000	74.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 8000	75.3	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 7000	75.8	76.9	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
≥ 6000	77.1	78.4	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
≥ 5000	78.3	79.5	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
≥ 4500	78.9	80.2	80.3	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4000	79.9	81.2	81.3	81.5	81.6	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3500	80.8	82.0	82.3	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3000	81.3	82.6	83.1	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2500	82.1	83.8	84.2	84.9	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2000	83.1	84.9	85.3	86.0	86.4	86.6	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1800	83.2	85.2	85.7	86.4	86.7	86.7	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500	83.9	86.2	86.8	87.6	87.9	88.0	88.2	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6
≥ 1200	84.9	86.8	87.5	88.4	88.8	89.0	89.2	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8
≥ 1000	86.9	87.5	88.3	89.2	89.7	89.9	90.4	90.6	90.8	91.1	91.2	91.2	91.3	91.3	91.4
≥ 900	85.1	87.9	88.6	89.6	90.0	90.3	90.8	91.3	91.3	91.7	91.9	91.9	92.1	92.1	92.2
≥ 800	85.4	88.2	89.0	90.0	90.5	90.7	91.3	91.6	91.8	92.1	92.-	92.-	92.9	92.9	93.1
≥ 700	85.7	88.5	89.3	90.3	90.8	91.1	91.7	92.3	92.3	92.7	93.3	93.4	93.7	93.8	93.9
≥ 600	85.8	88.9	89.7	90.8	91.3	91.6	92.3	92.9	92.9	93.4	94.3	94.4	94.8	94.-	94.9
≥ 500	86.1	89.2	90.3	91.5	92.2	92.4	93.1	93.6	93.8	94.5	95.5	95.7	96.1	96.2	96.4
≥ 400	86.3	89.6	90.7	92.0	92.6	93.1	93.9	94.6	94.6	95.3	96.5	96.7	97.3	97.-	97.4
≥ 300	86.5	89.9	91.2	92.6	93.3	93.7	94.6	95.3	95.3	96.-	97.4	97.6	98.2	98.3	98.4
≥ 200	86.5	89.9	91.2	92.7	93.4	93.8	94.6	95.5	95.5	96.4	97.3	98.0	98.-	98.-	98.6
≥ 100	86.5	90.0	91.3	92.7	93.4	93.9	94.7	95.6	95.6	96.6	97.9	98.1	98.8	98.9	99.0
≥ 0	86.5	90.0	91.3	92.7	93.4	93.9	94.7	95.6	95.6	96.6	97.9	98.1	98.8	98.9	99.- 100.0

TOTAL NUMBER OF OBSERVATIONS 2145

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] DIVISION
ETAC, USAF
ASHEVILLE, [illegible]

CEILING VERSUS VISIBILITY

93037 STATION | [illegible] STATION NAME | [illegible] YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	90.9 93.5	[illegible]	91.0 [illegible]	91.1 [illegible]	91.2 [illegible]	91.2 [illegible]	91.2 [illegible]	91.3 [illegible]	91.3 [illegible]	91.3 [illegible]	[illegible]	[illegible]	91.3 [illegible]	91.3 [illegible]	91.3 [illegible]	[illegible]
≥ 18000 ≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000 ≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000 ≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000 ≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000 ≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500 ≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500 ≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500 ≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800 ≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200 ≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900 ≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700 ≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500 ≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300 ≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 17266

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93067 STATION | [illegible] STATION NAME | [illegible] YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1½	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4
≥ 20000	[illegible]	[illegible]	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.7	66.7
≥ 18000	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.4	67.5	67.5
≥ 16000	67.7	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.3	68.3
≥ 14000	69.8	69.9	69.9	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.3	70.3
≥ 12000	71.9	72.0	72.2	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.6	72.6
≥ 10000	72.9	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.6	73.6
≥ 9000	73.2	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.9	73.9
≥ 8000	74.4	74.5	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.9	74.9
≥ 7000	75.2	75.5	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.9	75.9
≥ 6000	76.7	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0
≥ 5000	77.4	77.6	77.6	77.6	77.8	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.2
≥ 4500	78.3	78.6	78.8	78.8	78.9	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.2	79.2
≥ 4000	79.4	79.9	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.4
≥ 3500	80.2	80.6	80.9	81.0	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.5
≥ 3000	81.9	82.1	82.3	82.4	82.5	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.9	82.9
≥ 2500	83.4	83.4	83.7	84.0	84.3	84.4	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.8	84.8
≥ 2000	83.9	85.0	85.4	85.7	86.2	86.3	86.6	86.7	86.7	86.8	86.8	86.8	86.9	86.9	86.9	87.0
≥ 1800	84.2	85.3	85.8	86.1	86.6	86.7	87.0	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.5
≥ 1500	85.1	86.4	86.8	87.2	87.7	87.9	88.2	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.8	88.8
≥ 1200	86.1	87.5	88.0	88.4	89.1	89.2	89.7	89.9	89.9	90.2	90.2	90.2	90.3	90.3	90.4	90.4
≥ 1000	86.7	88.3	88.8	89.1	89.8	90.0	90.5	90.9	90.9	91.3	91.4	91.4	91.5	91.5	91.5	91.6
≥ 900	87.1	88.7	89.2	89.5	90.3	90.4	91.0	91.3	91.3	92.0	92.0	92.0	92.1	92.1	92.2	92.2
≥ 800	87.3	88.9	89.4	89.8	90.5	90.7	91.3	91.7	91.7	92.5	92.5	92.5	92.6	92.6	92.7	92.7
≥ 700	87.8	89.2	89.8	90.1	90.9	91.0	91.7	92.0	92.0	92.9	93.0	93.0	93.1	93.1	93.2	93.2
≥ 600	87.9	89.7	90.2	90.6	91.4	91.5	92.2	92.6	92.6	93.6	93.7	93.7	93.9	93.9	94.0	94.0
≥ 500	88.2	90.3	90.9	91.3	92.0	92.2	93.2	93.6	93.6	94.6	94.8	94.8	95.0	95.0	95.0	95.1
≥ 400	88.3	90.4	91.1	91.6	92.3	92.5	93.5	93.9	93.9	95.0	95.2	95.2	95.4	95.6	95.6	95.8
≥ 300	88.4	90.6	91.3	92.0	92.7	92.9	94.0	94.4	94.4	95.5	95.7	95.7	96.1	96.2	96.5	96.6
≥ 200	88.4	90.7	91.5	92.2	93.1	93.2	94.5	94.9	94.9	96.2	96.4	96.4	96.5	96.9	97.5	97.6
≥ 100	88.4	90.7	91.5	92.2	93.1	93.2	94.5	94.9	94.9	96.2	96.4	96.4	97.1	97.2	98.1	98.7
0	88.4	90.7	91.5	92.2	93.1	93.2	94.5	94.9	94.9	96.2	96.4	96.4	97.1	97.2	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2008

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 COLORADO SPRINGS COLORADO 01 JAN 57 - 31 DEC 66 ALL MONTH
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (0-23) HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.7	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 20000	66.7	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7
≥ 18000	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.5	68.5
≥ 16000	68.8	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8
≥ 14000	71.0	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	72.0	72.0
≥ 12000	73.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.8	74.8	74.8
≥ 10000	74.6	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7
≥ 9000	75.1	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.2	76.2
≥ 8000	75.6	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7
≥ 7000	76.3	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.4	77.4
≥ 6000	77.0	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1
≥ 5000	77.7	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.9	78.9
≥ 4500	78.1	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.2
≥ 4000	79.0	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.3	80.3
≥ 3500	79.8	80.9	80.9	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.4	81.4
≥ 3000	81.0	82.2	82.3	82.5	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.9	82.9	83.0	83.0
≥ 2500	82.1	83.3	83.4	83.7	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2
≥ 2000	83.2	84.5	84.8	85.2	85.4	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8
≥ 1800	83.6	85.0	85.2	85.7	85.9	85.9	86.0	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3
≥ 1500	84.1	85.9	86.1	86.7	87.0	87.1	87.2	87.4	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.6
≥ 1200	84.7	86.5	87.1	87.6	88.0	88.1	88.3	88.5	88.5	88.9	89.0	89.0	89.1	89.1	89.2	89.2
≥ 1000	85.3	87.4	87.8	88.4	88.8	88.9	89.1	89.3	89.3	89.9	90.0	90.0	90.1	90.1	90.2	90.2
≥ 900	85.5	87.7	88.1	88.8	89.2	89.2	89.5	89.7	89.7	90.3	90.4	90.4	90.6	90.6	90.6	90.6
≥ 800	85.9	88.2	88.6	89.4	89.8	89.9	90.2	90.4	90.4	91.0	91.2	91.2	91.3	91.3	91.6	91.6
≥ 700	86.3	88.9	89.0	89.9	90.4	90.4	90.7	91.0	91.0	91.6	91.9	91.9	92.1	92.1	92.3	92.3
≥ 600	86.6	89.0	89.5	90.5	91.0	91.0	91.4	91.7	91.7	92.4	92.7	92.7	93.0	93.0	93.1	93.1
≥ 500	86.8	89.3	89.7	90.8	91.3	91.3	91.8	92.1	92.1	92.8	93.2	93.2	93.4	93.4	93.5	93.5
≥ 400	87.1	89.7	90.3	91.3	91.8	91.8	92.4	92.8	92.8	93.7	94.2	94.2	94.8	94.8	95.7	95.7
≥ 300	87.1	89.9	90.4	91.5	92.1	92.1	92.7	93.3	93.4	94.4	94.8	94.9	95.7	95.7	96.2	96.3
≥ 200	87.1	89.9	90.4	91.5	92.1	92.2	93.1	93.5	93.5	94.7	95.1	95.2	96.4	96.4	97.3	97.4
≥ 100	87.1	89.9	90.4	91.5	92.1	92.2	93.1	93.5	93.6	94.8	95.4	95.5	96.9	97.2	98.1	98.8
≥ 0	87.1	89.9	90.4	91.5	92.1	92.2	93.1	93.5	93.6	94.8	95.4	95.5	96.9	97.2	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2004

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

5

CEILING VERSUS VISIBILITY

93037 | COLORADO SPRINGS (MUNICIPAL A), C | 1973-1977 | ANN
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.4	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	61.9	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.6
≥ 18000	62.6	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.3
≥ 16000	65.1	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.8
≥ 14000	69.0	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.7
≥ 12000	72.4	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.1	73.1	73.1	73.1
≥ 10000	74.0	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.8
≥ 9000	74.5	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.3
≥ 8000	75.9	76.4	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.2
≥ 7000	76.1	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.9	76.9	76.9	77.0
≥ 6000	77.1	77.6	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.1	78.1	78.1	78.2
≥ 5000	77.7	78.1	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.8
≥ 4500	78.1	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.1	79.1	79.1	79.2
≥ 4000	79.0	79.6	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.1
≥ 3500	79.8	80.5	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	81.0
≥ 3000	81.2	81.8	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.4
≥ 2500	82.9	83.4	83.6	83.8	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.3
≥ 2000	83.3	84.4	84.7	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.4	85.4	85.4	85.5
≥ 1800	83.8	84.9	85.2	85.4	85.6	85.6	85.8	85.8	85.8	85.9	85.9	85.9	86.1	86.1	86.2	86.3
≥ 1500	84.7	86.0	86.4	86.7	86.9	87.0	87.1	87.3	87.3	87.4	87.4	87.4	87.6	87.6	87.6	87.7
≥ 1200	85.3	86.6	87.2	87.5	87.8	87.8	88.0	88.2	88.2	88.4	88.4	88.4	88.6	88.6	88.7	88.9
≥ 1000	85.9	87.5	88.1	88.5	88.9	89.0	89.2	89.3	89.3	89.6	89.6	89.6	89.8	89.8	89.9	90.0
≥ 900	86.1	87.9	88.5	88.9	89.3	89.4	89.6	89.8	89.8	90.2	90.2	90.2	90.4	90.4	90.4	90.5
≥ 800	86.4	88.4	89.1	89.7	90.1	90.2	90.4	90.6	90.8	91.3	91.3	91.3	91.5	91.5	91.5	91.7
≥ 700	86.8	88.8	89.6	90.2	90.7	90.8	91.1	91.4	91.5	92.1	92.2	92.2	92.4	92.4	92.4	92.5
≥ 600	87.0	89.3	90.2	91.0	91.5	91.6	91.8	92.3	92.5	93.3	93.4	93.4	93.6	93.6	93.7	93.8
≥ 500	87.2	89.5	90.5	91.4	91.9	92.1	92.6	93.0	93.2	94.3	94.6	94.6	94.9	94.9	95.1	95.3
≥ 400	87.3	89.6	90.8	91.9	92.5	92.7	93.2	93.7	93.9	95.2	95.5	95.6	96.0	96.0	96.3	96.5
≥ 300	87.3	89.6	90.9	92.1	92.8	93.0	93.6	94.1	94.3	95.7	96.2	96.3	97.0	97.1	97.6	97.8
≥ 200	87.3	89.7	91.0	92.1	92.9	93.1	93.8	94.3	94.5	96.0	96.6	96.7	97.6	97.9	98.5	98.8
≥ 100	87.3	89.7	91.0	92.1	92.9	93.1	93.8	94.3	94.5	96.0	96.7	96.7	97.7	98.1	98.7	99.4
0	87.3	89.7	91.0	92.1	92.9	93.1	93.8	94.3	94.5	96.0	96.7	96.8	97.8	98.2	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2008

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93057 STATION | COLUMBUS (COMPLETE)(OL-1) STATION NAME | 43-47,69-70 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00-23 HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	0
NO CEILING	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 20000	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 18000	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	63.5	63.5
≥ 16000	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 14000	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 12000	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 10000	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 9000	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 8000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 7000	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	77.4
≥ 6000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 5000	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4500	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	81.3	81.3
≥ 4000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3500	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3000	84.7	84.6	84.6	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
≥ 2500	86.0	86.0	86.0	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2000	87.0	88.3	88.3	88.5	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800	87.8	89.1	89.2	89.4	89.4	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500	88.7	90.2	90.4	90.7	90.7	90.8	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1200	89.4	91.1	91.3	91.6	91.7	91.8	92.0	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	90.0	91.9	92.1	92.5	92.6	92.7	93.1	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900	90.3	92.2	92.4	92.8	93.0	93.1	93.5	93.6	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9
≥ 800	90.7	92.9	93.3	93.7	94.0	94.1	94.6	94.8	94.8	95.0	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	90.8	93.3	93.9	94.3	94.7	94.8	95.2	95.4	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9
≥ 600	91.0	93.7	94.3	95.0	95.5	95.6	96.2	96.5	96.5	96.6	97.1	97.1	97.2	97.2	97.2	97.2
≥ 500	91.1	93.9	94.5	95.3	95.8	96.0	96.5	96.9	97.0	97.4	97.6	97.8	97.9	98.0	98.0	98.0
≥ 400	91.1	94.1	94.8	95.6	96.1	96.3	97.0	97.4	97.4	98.0	98.2	98.7	98.9	99.0	99.0	99.0
≥ 300	91.2	94.1	94.9	95.7	96.3	96.5	97.3	97.7	97.7	98.3	99.0	99.0	99.4	99.5	99.5	99.5
≥ 200	91.2	94.2	95.0	95.8	96.4	96.6	97.3	97.8	97.8	98.4	99.2	99.2	99.6	99.7	99.8	99.8
≥ 100	91.2	94.2	95.0	95.8	96.4	96.6	97.3	97.8	97.8	98.4	99.2	99.3	99.7	99.8	99.9	99.9
0	91.3	94.2	95.0	95.8	96.4	96.6	97.3	97.8	97.8	98.4	99.2	99.3	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2009

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 | COLORADO SPRINGS CITY OF PETERSON FD | 43-47 | ANN | 12 (20-1430)
STATION | STATION NAME | YEARS | MONTH | HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	<¼
NO CEILING	36.3	36.6	36.5	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 20000	52.7	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.3	53.3	53.3	53.3
≥ 18000	53.9	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 16000	55.7	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 14000	58.9	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 12000	61.8	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 10000	62.9	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	63.2
≥ 9000	64.4	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	65.2
≥ 8000	68.1	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 7000	71.9	72.0	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
≥ 6000	74.9	75.5	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
≥ 5000	78.8	79.4	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
≥ 4500	80.2	80.9	81.1	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
≥ 4000	82.5	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	83.6
≥ 3500	84.1	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
≥ 3000	86.7	87.6	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500	88.9	89.6	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2000	90.1	91.5	91.8	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
≥ 1800	90.5	92.2	92.5	92.8	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500	91.1	93.1	93.7	94.2	94.2	94.3	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	91.8	93.9	94.4	94.9	95.1	95.2	95.2	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	92.0	94.3	94.9	95.5	95.7	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2
≥ 900	92.1	94.5	95.1	95.6	95.9	96.0	96.0	96.2	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.5
≥ 800	92.3	94.8	95.5	96.1	96.4	96.5	96.6	96.8	96.8	96.9	97.0	97.0	97.2	97.2	97.2	97.3
≥ 700	92.9	94.9	95.7	96.3	96.7	96.8	96.9	97.1	97.1	97.3	97.5	97.5	97.7	97.7	97.7	97.7
≥ 600	92.7	95.2	96.1	96.7	97.1	97.2	97.5	97.8	97.9	98.1	98.3	98.3	98.4	98.4	98.4	98.5
≥ 500	92.9	95.4	96.3	96.9	97.3	97.4	97.7	98.1	98.1	98.3	98.6	98.6	98.7	98.7	98.7	98.8
≥ 400	92.9	95.5	96.3	97.0	97.4	97.5	97.8	98.2	98.2	98.6	98.9	98.9	99.2	99.2	99.2	99.3
≥ 300	92.9	95.5	96.3	97.0	97.4	97.5	97.9	98.3	98.3	98.8	99.2	99.3	99.6	99.6	99.6	99.6
≥ 200	92.9	95.5	96.3	97.0	97.4	97.5	98.0	98.4	98.5	99.0	99.4	99.5	99.8	99.8	99.9	100.0
≥ 100	92.9	95.5	96.3	97.0	97.4	97.5	98.0	98.4	98.5	99.0	99.4	99.5	99.8	99.8	99.9	100.0
0	92.9	95.5	96.3	97.0	97.4	97.5	98.0	98.4	98.5	99.0	99.4	99.5	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2910

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

5

CEILING VERSUS VISIBILITY

93037 STATION | [illegible] STATION NAME | [illegible] YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	30.8	30.9	31.1	31.2	31.3	31.3	31.7	31.8	31.9	31.3	31.3	31.3	31.3	31.3	31.7	31.3
≥ 20000	47.6	47.8	47.7	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 18000	48.1	48.3	48.4	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 16000	50.8	50.9	51.1	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 14000	55.7	56.0	56.2	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 12000	59.2	59.5	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	60.0
≥ 10000	61.4	61.7	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 9000	63.8	64.1	64.4	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
≥ 8000	68.8	69.1	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 7000	72.0	72.4	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 6000	75.8	76.3	76.6	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 5000	80.2	80.7	81.1	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
≥ 4500	82.1	82.7	83.0	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 4000	84.3	85.0	85.4	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3500	85.0	85.7	86.1	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000	86.4	87.2	87.6	88.0	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2500	87.0	88.5	88.9	89.3	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	89.0	90.1	90.3	91.0	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1800	89.9	91.0	91.5	92.0	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1500	91.0	92.4	92.8	93.3	93.7	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1200	91.5	92.9	93.4	94.0	94.4	94.4	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	91.9	93.4	94.0	94.6	95.2	95.2	95.4	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	92.1	93.5	94.2	95.1	95.6	95.6	95.9	96.0	96.0	96.2	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	92.1	93.8	94.4	95.4	96.0	96.0	96.4	96.6	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	92.2	93.8	94.5	95.5	96.1	96.1	96.7	96.9	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	92.3	94.0	94.7	95.7	96.4	96.4	97.1	97.5	97.5	97.8	98.0	98.0	98.1	98.1	98.1	98.1
≥ 500	92.4	94.1	94.9	96.0	96.6	96.9	97.4	97.8	97.8	98.2	98.5	98.5	98.6	98.6	98.6	98.6
≥ 400	92.4	94.1	94.9	96.0	96.7	96.7	97.5	97.9	97.9	98.3	98.7	98.7	98.9	98.9	98.9	98.9
≥ 300	92.4	94.2	95.0	96.1	96.8	96.8	97.6	98.1	98.1	98.6	99.0	99.0	99.3	99.3	99.3	99.3
≥ 200	92.4	94.2	95.0	96.1	96.8	96.8	97.7	98.2	98.2	98.6	99.2	99.2	99.6	99.6	99.8	99.9
≥ 100	92.4	94.2	95.0	96.1	96.8	96.8	97.7	98.2	98.2	98.6	99.2	99.2	99.6	99.6	99.8	99.9
0	92.6	94.2	95.0	96.1	96.8	96.8	97.7	98.2	98.2	98.6	99.2	99.2	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2007

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING SYSTEM
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 — COLORADO SPRINGS, COLORADO — 63-67, 69-73 — ANN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.2	42.3	42.4	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 20000	55.9	56.1	56.1	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 18000	56.6	56.7	56.7	56.7	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 16000	59.0	59.2	59.2	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 14000	63.5	63.6	63.6	63.6	63.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 12000	67.6	67.7	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 10000	69.9	70.2	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 9000	71.7	72.1	72.2	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 8000	74.3	74.6	74.8	74.8	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 7000	76.5	76.9	77.1	77.1	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 6000	78.4	78.8	79.0	79.0	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 5000	81.3	81.8	81.9	82.0	82.0	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4500	83.4	83.9	84.1	84.1	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4000	84.1	84.7	84.8	84.9	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	84.9	85.5	85.6	85.8	85.8	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3000	86.9	87.5	87.7	87.8	87.9	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500	87.9	88.6	88.8	89.0	89.1	89.2	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2000	89.0	90.2	90.4	90.7	90.8	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1800	89.9	90.6	90.8	91.1	91.2	91.3	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1500	90.0	91.4	91.7	92.0	92.2	92.3	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	90.3	92.0	92.5	92.8	93.0	93.1	93.5	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	91.0	92.8	93.4	93.8	94.0	94.2	94.8	94.9	95.1	95.2	95.3	95.3	95.4	95.4	95.4	95.4
≥ 900	91.4	93.1	93.8	94.2	94.4	94.6	95.3	95.5	95.7	95.9	96.0	96.0	96.1	96.1	96.1	96.1
≥ 800	91.4	93.2	93.9	94.5	94.7	94.8	95.6	95.9	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5
≥ 700	91.4	93.3	94.0	94.6	94.9	95.0	95.9	96.2	96.4	96.7	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600	91.4	93.4	94.1	94.8	95.1	95.3	96.2	96.7	96.9	97.2	97.5	97.5	97.6	97.6	97.6	97.6
≥ 500	91.4	93.5	94.2	95.0	95.3	95.5	96.4	96.9	97.1	97.6	98.0	98.0	98.1	98.1	98.1	98.1
≥ 400	91.5	93.7	94.4	95.2	95.5	95.7	96.6	97.1	97.3	97.9	98.3	98.3	98.4	98.4	98.4	98.4
≥ 300	91.5	93.7	94.4	95.2	95.6	95.8	96.7	97.3	97.5	98.1	98.6	98.6	98.7	98.7	98.7	98.9
≥ 200	91.5	93.7	94.5	95.3	95.7	96.0	97.0	97.5	97.7	98.4	98.9	98.9	99.3	99.3	99.4	99.5
≥ 100	91.5	93.7	94.5	95.3	95.7	96.0	97.0	97.5	97.7	98.4	98.9	98.9	99.4	99.5	99.5	99.7
0	91.5	93.7	94.5	95.3	95.7	96.0	97.0	97.5	97.7	98.4	98.9	98.9	99.4	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2010

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

5

CEILING VERSUS VISIBILITY

93037 COLORADO SPRINGS COLO-PETERSON F [illegible] 73-47,49-66 ANN

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.7	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
≥ 20000	65.1	65.3	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 18000	66.9	66.4	66.4	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 16000	67.3	67.7	67.7	67.7	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 14000	69.8	70.2	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 12000	72.5	72.7	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 10000	74.0	74.4	74.4	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
≥ 9000	75.0	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 8000	76.4	76.8	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 7000	77.3	77.6	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 6000	78.5	79.1	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 5000	80.5	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4500	81.4	82.0	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4000	82.7	83.4	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3500	83.3	84.1	84.2	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	84.5	85.2	85.4	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2500	85.3	86.1	86.3	86.3	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2000	86.5	87.6	87.9	88.0	88.3	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1800	86.8	88.1	88.4	88.5	88.8	88.9	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3
≥ 1500	87.6	89.0	89.3	89.3	89.9	90.0	90.1	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1200	88.6	90.2	90.6	90.8	91.2	91.3	91.6	91.9	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.4
≥ 1000	88.7	90.6	91.0	91.3	91.7	91.8	92.1	92.4	92.6	92.7	92.9	92.9	92.9	92.9	92.9	93.0
≥ 900	89.0	90.8	91.3	91.5	92.0	92.2	92.5	92.8	93.0	93.1	93.4	93.4	93.4	93.4	93.4	93.5
≥ 800	89.3	91.3	91.7	92.1	92.6	92.7	93.0	93.5	93.7	93.9	94.4	94.4	94.5	94.5	94.5	94.6
≥ 700	89.5	91.5	92.1	92.4	92.9	93.0	93.4	94.0	94.2	94.5	95.0	95.0	95.1	95.1	95.1	95.2
≥ 600	89.7	92.0	92.5	92.9	93.3	93.5	93.9	94.5	94.7	95.1	95.7	95.7	95.8	95.8	95.8	95.9
≥ 500	90.0	92.3	92.9	93.2	93.8	93.9	94.5	95.1	95.3	95.9	96.4	96.4	96.7	96.7	96.7	96.7
≥ 400	90.0	92.4	92.9	93.3	93.9	94.0	94.6	95.3	95.5	96.1	96.7	96.7	97.0	97.0	97.1	97.2
≥ 300	90.1	92.5	93.2	93.6	94.2	94.3	95.0	95.7	95.9	96.5	97.1	97.1	97.5	97.7	97.8	97.9
≥ 200	90.1	92.6	93.2	93.7	94.4	94.5	95.2	95.9	96.1	96.8	97.5	97.5	97.9	98.1	98.5	98.5
≥ 100	90.1	92.7	93.3	93.8	94.5	94.6	95.3	96.0	96.2	97.0	97.7	97.7	98.3	98.5	99.2	99.4
≥ 0	90.1	92.7	93.3	93.8	94.5	94.6	95.3	96.0	96.2	97.0	97.7	97.7	98.3	98.5	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2009

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 COLORADO SPRINGS COLO-PETERSON FL 63-67,69-78 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥⅞	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	47.0	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 20000	59.8	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4
≥ 18000	60.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2
≥ 16000	62.5	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 14000	65.8	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.5
≥ 12000	68.5	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5
≥ 10000	70.3	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0
≥ 9000	71.4	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2
≥ 8000	73.5	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3
≥ 7000	75.4	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 6000	77.1	77.6	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0
≥ 5000	79.2	79.8	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2
≥ 4500	80.2	80.6	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2
≥ 4000	81.3	82.2	82.3	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3500	82.4	83.1	83.3	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7
≥ 3000	84.0	84.8	85.0	85.1	85.2	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2500	85.2	86.2	86.4	86.6	86.8	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2000	86.5	87.7	88.0	88.3	88.5	88.5	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1800	87.0	88.3	88.6	88.9	89.1	89.2	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.6
≥ 1500	87.2	89.3	89.7	90.0	90.3	90.4	90.5	90.7	90.7	90.8	90.9	90.8	90.9	90.9	90.9	90.9
≥ 1200	88.3	90.1	90.6	90.9	91.3	91.4	91.6	91.8	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.2
≥ 1000	89.0	90.8	91.3	91.7	92.1	92.2	92.4	92.7	92.7	93.0	93.0	93.0	93.1	93.1	93.1	93.2
≥ 900	89.2	91.1	91.6	92.1	92.5	92.6	92.9	93.1	93.2	93.5	93.6	93.6	93.7	93.7	93.7	93.7
≥ 800	89.4	91.4	92.0	92.6	93.0	93.1	93.5	93.8	93.9	94.2	94.4	94.4	94.5	94.5	94.5	94.6
≥ 700	89.6	91.7	92.3	92.9	93.4	93.5	94.0	94.3	94.3	94.8	95.0	95.0	95.1	95.1	95.1	95.2
≥ 600	89.8	92.0	92.7	93.4	93.9	94.0	94.6	95.0	95.0	95.5	95.7	95.8	95.9	95.9	96.0	96.0
≥ 00	70.0	92.4	93.0	93.7	94.3	94.4	95.0	95.4	95.5	96.1	96.5	96.5	96.7	96.7	96.8	96.8
≥ 410	90.1	92.4	93.2	94.0	94.5	94.7	95.3	95.8	95.9	96.6	97.0	97.0	97.3	97.3	97.5	97.5
≥ 300	90.1	92.5	93.3	94.2	94.7	94.9	95.6	96.1	96.2	97.0	97.4	97.5	97.9	97.9	98.1	98.2
≥ 200	90.1	92.6	93.4	94.2	94.8	95.0	95.8	96.3	96.4	97.2	97.6	97.8	98.4	98.5	98.8	98.9
≥ 100	90.1	92.6	93.4	94.2	94.9	95.0	95.8	96.3	96.4	97.2	97.6	97.9	98.6	98.7	99.1	99.3
0	90.1	92.6	93.4	94.2	94.9	95.0	95.8	96.3	96.4	97.2	97.6	97.9	98.6	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 16065

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 | CHARLESTON AFB/CHARLESTON INTL AP, SC | 1964-1973 | ANNUAL
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	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	59.0	59.0	59.0
≥ 20000	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 18000	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 16000	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 14000	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 12000	71.5	71.7	71.7	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
≥ 10000	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	73.8	74.0	74.0	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 8000	74.7	74.9	74.9	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
≥ 7000	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	76.1	76.1	76.1
≥ 6000	77.8	78.0	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
≥ 5000	79.8	80.0	80.0	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4500	80.5	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4000	81.4	81.7	81.7	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3500	82.5	82.9	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2
≥ 3000	83.5	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3
≥ 2500	84.2	84.9	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	85.9	86.6	86.8	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1800	86.9	87.2	87.4	87.5	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1500	87.0	88.2	88.4	88.6	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1200	87.8	89.5	89.5	89.7	89.9	89.9	90.0	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000	88.3	90.1	90.3	90.5	90.7	90.8	90.8	90.9	90.9	91.2	91.2	91.2	91.3	91.3	91.4	91.4
≥ 900	88.9	90.6	90.8	90.7	90.9	90.9	91.0	91.1	91.1	91.4	91.5	91.5	91.6	91.6	91.6	91.6
≥ 800	88.9	90.8	91.1	91.4	91.6	91.6	91.7	91.8	91.8	92.1	92.1	92.1	92.2	92.2	92.3	92.3
≥ 700	89.4	91.5	91.8	92.1	92.3	92.4	92.5	92.6	92.6	92.9	93.0	93.0	93.1	93.1	93.1	93.1
≥ 600	89.8	92.0	92.4	92.8	93.0	93.1	93.2	93.3	93.3	93.6	93.7	93.7	93.8	93.8	93.8	93.8
≥ 500	90.1	92.5	93.0	93.5	93.7	93.7	93.9	94.0	94.0	94.4	94.5	94.5	94.6	94.6	94.6	94.6
≥ 400	90.5	93.0	93.5	94.0	94.2	94.3	94.5	94.6	94.6	95.2	95.3	95.3	95.4	95.5	95.5	95.6
≥ 300	90.8	93.7	94.3	94.8	95.1	95.2	95.4	95.5	95.5	96.1	96.3	96.3	96.5	96.5	96.7	96.7
≥ 200	91.1	94.2	94.7	95.3	95.8	95.9	96.1	96.4	96.4	97.1	97.3	97.3	97.9	98.0	98.2	98.2
≥ 100	91.1	94.2	94.8	95.3	95.8	95.9	96.3	96.3	96.5	97.2	97.3	97.3	98.3	98.3	98.7	99.5
≥ 0	91.1	94.2	94.8	95.3	95.8	95.9	96.3	96.5	96.5	97.2	97.3	97.3	98.3	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2070

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5

ETAC [illegible]
ASHEVILLE [illegible]

CEILING VERSUS VISIBILITY

93037 [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.7	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	55.9
≥ 20000	64.3	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	64.5
≥ 18000	65.2	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	65.8
≥ 16000	66.3	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	[illegible]
≥ 14000	68.8	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5
≥ 12000	71.7	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	72.4	72.4
10000	73.2	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9
≥ 9000	73.5	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2
≥ 8000	74.3	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2
≥ 7000	75.0	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7
≥ 6000	76.7	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5
≥ 5000	78.4	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1
≥ 4500	78.8	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5
≥ 4000	79.9	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	80.7	80.7
≥ 3500	80.7	81.3	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	81.6
≥ 3000	81.7	82.3	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7
≥ 2500	82.5	83.1	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.7	83.7
≥ 2000	83.5	84.2	84.6	84.8	84.8	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.1	85.1
≥ 1800	84.1	84.9	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.8	85.8
≥ 1500	84.5	85.5	86.0	86.2	86.3	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.7	86.7
≥ 1200	85.8	86.9	87.6	87.8	87.9	87.9	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.4	88.4
≥ 1000	86.5	87.6	88.5	88.6	89.0	89.0	89.3	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 900	89.8	88.4	88.9	89.2	89.4	89.4	89.7	89.8	89.8	90.1	90.1	90.1	90.1	90.1	90.2	90.2
≥ 800	87.1	88.0	89.3	89.7	90.0	90.1	90.4	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.9	90.9
≥ 700	87.3	88.2	89.5	90.1	90.4	90.5	90.8	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.3	91.3
≥ 600	87.5	89.5	90.5	90.9	91.5	91.6	92.0	92.1	92.1	92.5	92.5	92.5	92.5	92.5	92.6	92.6
≥ 500	87.7	89.9	91.1	91.7	92.4	92.4	92.9	93.0	93.0	93.4	93.4	93.4	93.5	93.5	93.6	93.6
≥ 400	87.8	90.0	91.3	92.0	92.7	92.8	93.2	93.4	93.4	93.9	93.9	94.0	94.1	94.1	94.2	94.3
≥ 300	88.1	90.6	92.2	92.9	93.8	93.8	94.4	94.8	94.8	95.4	95.6	95.6	95.8	95.8	96.1	96.2
≥ 200	88.2	91.0	92.5	93.3	94.3	94.4	95.0	95.3	95.3	96.2	96.4	96.6	97.2	97.3	97.9	98.5
≥ 100	88.2	91.0	92.5	93.3	94.4	94.4	95.1	95.6	95.7	96.5	96.9	96.9	97.6	97.7	98.7	99.7
≥ 0	88.2	91.0	92.5	93.3	94.4	94.4	95.1	95.6	95.7	96.5	96.9	96.9	97.6	97.7	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2076

USAF ETAC FORM 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) 4&Y (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00,03-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.9	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 20000	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 18000	65.1	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 16000	66.9	67.2	67.2	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
≥ 14000	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 12000	72.4	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 10000	74.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 9000	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 8000	75.9	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 7000	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 6000	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 5000	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4500	78.7	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 4000	79.3	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3500	80.0	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 3000	81.2	81.6	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
≥ 2500	82.7	83.3	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
≥ 2000	83.6	84.2	84.3	84.5	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1800	84.0	84.7	84.8	85.1	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1500	85.1	85.8	85.9	86.3	86.4	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200	86.1	87.0	87.2	87.7	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1000	87.5	88.8	89.1	89.6	89.8	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 900	88.0	89.4	89.8	90.3	90.6	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 800	88.4	90.0	90.6	91.1	91.5	91.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 700	88.7	90.3	90.9	91.6	91.9	91.9	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 600	89.0	90.9	91.7	92.5	92.9	93.0	93.3	93.5	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7
≥ 500	89.3	91.5	92.5	93.4	93.9	94.1	94.4	94.8	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 400	89.3	91.9	92.9	93.9	94.5	94.7	95.3	95.7	95.7	96.0	96.1	96.1	96.2	96.2	96.3	96.3
≥ 300	89.4	92.0	93.1	94.2	94.8	95.2	96.0	96.5	96.5	97.1	97.3	97.3	97.4	97.4	97.6	97.8
≥ 200	89.4	92.0	93.1	94.3	94.9	95.3	96.3	96.8	96.8	97.4	97.6	97.6	98.1	98.2	98.6	98.9
≥ 100	89.4	92.0	93.2	94.3	94.9	95.4	96.3	96.8	96.9	97.5	97.7	97.7	98.3	98.4	98.9	99.8
≥ 0	89.4	92.0	93.2	94.3	94.9	95.4	96.3	96.8	96.9	97.5	97.7	97.7	98.3	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2079

USAF ETAC FORM JUL 64 0-14-5(OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0700-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 20000	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 18000	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	64.9	64.9
≥ 16000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 14000	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 12000	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 10000	72.5	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
≥ 9000	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 8000	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 7000	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 6000	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 5000	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	79.6
≥ 4500	80.7	80.8	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
≥ 4000	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3500	83.3	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 3000	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2500	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2000	87.7	88.2	88.2	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1800	88.1	88.3	88.6	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	89.1	89.9	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1200	90.2	91.2	91.4	91.7	91.7	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1000	91.2	92.3	92.7	93.1	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900	91.7	93.1	93.3	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1
≥ 800	92.3	93.9	94.1	94.7	94.7	94.8	94.9	94.9	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1
≥ 700	92.8	94.3	94.5	95.1	95.2	95.3	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 600	92.8	94.8	95.1	95.8	96.0	96.1	96.2	96.3	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6
≥ 500	92.9	95.0	95.3	96.2	96.5	96.8	96.9	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.5	97.5
≥ 400	92.9	95.0	95.4	96.3	96.8	97.1	97.4	97.7	97.7	98.1	98.1	98.2	98.2	98.2	98.3	98.3
≥ 300	92.9	95.1	95.5	96.5	97.1	97.5	97.9	98.3	98.4	98.8	98.8	98.8	98.9	98.9	99.0	99.0
≥ 200	92.9	95.1	95.5	96.5	97.1	97.5	97.9	98.3	98.4	98.8	98.8	98.8	98.9	99.1	99.2	99.4	99.6
≥ 100	92.9	95.1	95.5	96.5	97.1	97.5	97.9	98.3	98.4	98.8	98.8	98.8	98.9	99.1	99.2	99.4	99.7
0	92.9	95.1	95.5	96.5	97.1	97.5	97.9	98.3	98.4	98.8	98.8	98.8	98.9	99.1	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2076

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 63-67,69-73 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12,0-1,00 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1½	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	0
NO CEILING	30.3	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 20000	44.8	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 18000	45.8	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 16000	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 14000	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 12000	51.2	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	51.8
≥ 10000	53.2	53.4	53.6	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
≥ 9000	55.0	55.4	55.6	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
≥ 8000	62.9	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 7000	69.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 6000	73.7	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 5000	78.5	78.9	79.0	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
≥ 4500	81.1	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4000	83.2	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	85.2	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3000	86.6	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2500	88.5	89.2	89.3	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2000	90.3	91.2	91.3	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1800	90.7	91.6	91.7	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	92.3	93.3	93.6	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	93.2	94.8	94.9	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	93.8	95.6	95.8	96.0	96.1	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	94.1	96.1	96.3	96.5	96.8	96.8	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	94.3	96.4	96.7	97.1	97.3	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	94.7	96.9	97.2	97.5	97.9	97.9	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	94.8	97.1	97.6	98.1	98.4	98.4	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	94.9	97.3	97.8	98.4	98.8	98.8	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3
≥ 400	94.9	97.3	97.8	98.5	99.0	99.0	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.7	99.7	99.7
≥ 300	94.9	97.3	97.9	98.6	99.1	99.1	99.2	99.4	99.4	99.7	99.7	99.8	99.8	99.9	99.9	99.9
≥ 200	94.9	97.3	97.9	98.6	99.1	99.1	99.2	99.4	99.4	99.7	99.7	99.8	99.8	99.9	100.0	100.0
≥ 100	74.5	97.3	97.9	98.6	99.1	99.1	99.2	99.4	99.4	99.7	99.7	99.8	99.8	99.8	100.0	100.0
0	94.9	97.3	97.9	98.6	99.1	99.1	99.2	99.4	99.4	99.7	99.7	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2077

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 STATION | COLORADO SPRINGS CO(E-PETERSON, FO STATION NAME | 43-47,49-66 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13-01/00 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23.7	23.8	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 20000	36.7	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 18000	37.0	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 16000	39.5	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 14000	42.8	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 12000	45.8	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 10000	47.9	48.0	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 9000	52.3	52.3	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 8000	62.9	63.1	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 7000	70.4	70.6	70.9	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
≥ 6000	76.3	76.5	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	76.9
≥ 5000	81.2	81.4	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4500	83.0	83.9	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
≥ 4000	85.3	85.8	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3500	87.1	87.9	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3000	88.9	89.5	89.9	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
≥ 2500	90.9	91.7	92.1	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2000	92.1	93.0	93.4	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
≥ 1800	92.8	93.3	93.7	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	93.0	94.0	94.4	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	93.7	94.9	95.4	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
≥ 1000	94.4	95.8	96.3	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
≥ 900	94.5	96.1	96.7	97.1	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	94.8	96.7	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	98.3
≥ 700	94.9	96.1	97.5	98.0	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	94.9	97.2	97.9	98.4	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 500	95.0	97.3	98.1	98.6	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 400	95.0	97.4	98.2	98.7	99.0	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9
≥ 300	95.0	97.4	98.2	98.7	99.0	99.1	99.5	99.6	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	95.0	97.4	98.2	98.7	99.0	99.1	99.5	99.6	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	95.0	97.4	98.2	98.7	99.0	99.1	99.5	99.6	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	95.0	97.4	98.2	98.7	99.0	99.1	99.5	99.6	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2076

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FF (STATION NAME) 43-47,49-68 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1400-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.8	35.8	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 20000	47.9	48.0	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 18000	48.8	48.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 16000	50.8	50.7	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 14000	54.3	54.3	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 12000	57.8	57.8	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 10000	59.5	59.7	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 9000	62.9	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 8000	69.9	69.9	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	70.0
≥ 7000	74.3	74.4	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
≥ 6000	77.7	77.9	78.0	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
≥ 5000	81.9	82.2	82.3	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
≥ 4500	83.9	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4000	85.8	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3500	87.0	87.6	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 3000	88.7	89.5	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
≥ 2500	90.1	90.9	91.1	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
≥ 2000	91.3	92.3	92.5	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
≥ 1800	91.7	92.7	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500	92.4	93.5	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200	93.0	94.0	94.8	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	93.3	93.0	95.2	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900	93.6	95.1	95.4	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	93.5	95.6	95.9	96.3	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	93.7	96.0	96.2	96.7	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	94.1	96.3	96.7	97.2	97.5	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	94.2	96.6	97.0	97.5	97.9	98.0	98.2	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	94.2	96.8	97.3	97.8	98.2	98.3	98.6	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 300	94.2	96.9	97.4	97.9	98.3	98.5	98.7	98.8	98.8	99.0	99.1	99.1	99.2	99.2	99.3	99.3
≥ 200	94.2	96.9	97.4	98.0	98.4	98.5	98.8	99.0	99.0	99.1	99.4	99.4	99.6	99.6	99.7	99.9
≥ 100	94.2	96.9	97.4	98.0	98.4	98.5	98.8	99.0	99.0	99.1	99.4	99.6	99.7	99.7	99.8	99.9
≥ 0	94.2	96.9	97.4	98.0	98.4	98.5	98.8	99.0	99.0	99.1	99.4	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2077

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-67,69-68 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21-02300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 20000	61.9	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	62.3	62.3
≥ 18000	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 16000	64.7	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 14000	67.3	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
≥ 12000	69.8	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 10000	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 9000	73.5	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	73.9	73.9
≥ 8000	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	76.0	76.0	76.0
≥ 7000	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	77.2	77.2
≥ 6000	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 5000	81.4	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4000	83.8	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3500	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3000	86.0	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
≥ 2500	87.0	88.0	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000	88.1	89.3	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1800	88.7	90.0	90.4	90.5	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1500	89.5	91.0	91.4	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	90.6	92.3	92.7	93.0	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	91.2	93.2	93.6	93.9	93.9	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	91.8	93.7	94.2	94.5	94.5	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	92.0	94.0	94.5	94.7	94.8	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	92.2	94.2	94.7	95.0	95.1	95.2	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	92.4	94.6	95.1	95.4	95.6	95.7	95.8	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	92.9	95.1	95.6	96.0	96.2	96.3	96.4	96.5	96.5	96.9	96.9	96.9	96.9	96.9	96.9	97.0
≥ 400	93.2	95.3	96.0	96.3	96.6	96.7	96.9	97.0	97.0	97.4	97.5	97.5	97.5	97.5	97.5	97.6
≥ 300	92.9	95.1	96.0	97.0	97.3	97.3	97.6	97.7	97.7	98.2	98.3	98.3	98.5	98.5	98.5	98.6
≥ 200	93.6	96.2	96.6	97.3	97.5	97.6	97.8	98.0	98.0	98.5	98.7	98.7	99.0	99.0	99.1	99.3
≥ 100	93.9	96.4	96.8	97.3	97.9	97.9	97.9	98.0	98.0	98.5	98.8	98.8	99.2	99.4	99.4	99.6
0	93.6	96.2	96.8	97.3	97.5	97.6	97.9	98.0	98.0	98.6	98.9	98.9	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2075

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 COLORADO SPRINGS COLO-PETERSON FD 43-47,49-68 MAY
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44,4	44,5	44,6	44,6	44,6	44,6	44,6	44,6	44,6	44,6	44,6	44,6	44,6	44,6	44,6	44,6
≥ 20000	56,1	56,3	56,4	56,4	56,4	56,4	56,4	56,4	56,4	56,4	56,4	56,4	56,4	56,4	56,4	56,4
≥ 18000	56,9	57,1	57,2	57,2	57,2	57,2	57,2	57,2	57,2	57,2	57,2	57,2	57,2	57,2	57,2	57,2
≥ 16000	58,8	58,8	58,9	58,9	58,9	58,9	58,9	58,9	58,9	58,9	58,9	58,9	58,9	58,9	58,9	58,9
≥ 14000	61,2	61,3	61,5	61,5	61,6	61,6	61,6	61,6	61,6	61,6	61,6	61,6	61,6	61,6	61,6	61,6
≥ 12000	63,9	64,1	64,2	64,3	64,3	64,3	64,3	64,3	64,3	64,3	64,3	64,3	64,3	64,3	64,3	64,3
≥ 10000	65,7	65,9	66,0	66,1	66,1	66,1	66,1	66,1	66,1	66,1	66,1	66,1	66,1	66,1	66,1	66,1
≥ 9000	67,6	67,6	67,7	67,8	67,8	67,8	67,8	67,8	67,8	67,8	67,8	67,8	67,8	67,8	67,8	67,8
≥ 8000	71,4	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	71,9	71,9
≥ 7000	74,3	74,6	74,6	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
≥ 6000	77,1	77,4	77,5	77,5	77,5	77,5	77,5	77,6	77,6	77,6	77,6	77,6	77,6	77,6	77,6	77,6
≥ 5000	79,9	80,2	80,2	80,3	80,3	80,3	80,3	80,3	80,3	80,3	80,3	80,3	80,3	80,3	80,3	80,3
≥ 4500	81,2	81,5	81,6	81,7	81,7	81,7	81,7	81,7	81,7	81,7	81,7	81,7	81,7	81,7	81,7	81,7
≥ 4000	82,8	83,0	83,1	83,2	83,2	83,2	83,2	83,2	83,2	83,2	83,2	83,2	83,2	83,2	83,2	83,2
≥ 3500	83,8	84,3	84,4	84,5	84,5	84,5	84,5	84,5	84,5	84,5	84,5	84,5	84,5	84,5	84,5	84,5
≥ 3000	85,2	85,7	85,9	86,0	86,0	86,0	86,0	86,0	86,0	86,0	86,0	86,0	86,0	86,0	86,0	86,0
≥ 2500	86,6	87,2	87,4	87,5	87,6	87,6	87,6	87,6	87,6	87,6	87,6	87,6	87,6	87,6	87,6	87,6
≥ 2000	87,8	88,6	88,9	89,0	89,1	89,1	89,2	89,2	89,2	89,2	89,2	89,2	89,2	89,2	89,2	89,2
≥ 1800	88,3	89,1	89,3	89,5	89,6	89,6	89,7	89,7	89,7	89,7	89,7	89,7	89,7	89,7	89,7	89,7
≥ 1500	89,1	90,2	90,4	90,6	90,7	90,8	90,8	90,9	90,9	90,9	90,9	90,9	90,9	90,9	90,9	90,9
≥ 1200	90,0	91,4	91,7	91,9	92,0	92,1	92,2	92,2	92,2	92,3	92,3	92,3	92,3	92,3	92,3	92,3
≥ 1000	90,8	92,3	92,7	93,0	93,2	93,2	93,3	93,4	93,4	93,5	93,5	93,5	93,5	93,5	93,5	93,5
≥ 900	91,1	92,6	93,1	93,5	93,7	93,7	93,8	93,9	93,9	94,0	94,0	94,0	94,0	94,0	94,0	94,0
≥ 800	91,6	93,3	93,7	94,1	94,3	94,4	94,5	94,6	94,6	94,7	94,7	94,7	94,7	94,7	94,8	94,8
≥ 700	91,7	93,6	94,1	94,5	94,8	94,8	95,0	95,0	95,0	95,1	95,2	95,2	95,2	95,2	95,2	95,2
≥ 600	91,9	94,1	94,6	95,1	95,3	95,3	95,7	95,8	95,8	96,0	96,0	96,1	96,1	96,1	96,1	96,1
≥ 500	92,1	94,4	95,1	95,7	96,0	96,1	96,4	96,5	96,5	96,7	96,8	96,8	96,8	96,9	96,9	96,9
≥ 400	92,2	94,6	95,3	96,0	96,4	96,5	96,8	97,0	97,0	97,3	97,4	97,4	97,5	97,5	97,6	97,6
≥ 300	92,3	94,9	95,6	96,3	96,8	97,0	97,3	97,6	97,6	98,0	98,1	98,1	98,2	98,2	98,4	98,5
≥ 200	92,4	95,0	95,8	96,5	97,0	97,2	97,6	97,9	97,9	98,3	98,5	98,6	98,8	98,8	98,9	99,1
≥ 100	92,6	95,1	95,8	96,5	97,0	97,2	97,6	97,9	97,9	98,4	98,6	98,6	98,9	99,0	99,1	99,3
0	92,6	95,1	95,8	96,5	97,0	97,2	97,6	97,9	97,9	98,4	98,6	98,7	99,0	99,1	99,4	100,0

TOTAL NUMBER OF OBSERVATIONS 18605

USAF ETAC FORM JUL 64 C-14-5 (OL I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	70.1	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 20000	74.6	74.8	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 18000	74.9	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 16000	75.5	75.8	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 14000	78.2	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 12000	80.2	80.4	80.5	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
≥ 10000	81.1	81.3	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
≥ 9000	81.3	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 8000	82.1	82.3	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 7000	83.0	83.2	83.3	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
≥ 6000	84.1	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 5000	84.6	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500	85.8	85.9	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4000	86.4	86.7	86.9	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
≥ 3500	87.8	88.0	88.1	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
≥ 3000	88.6	89.0	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2500	89.9	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2000	91.3	91.9	92.1	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
≥ 1600	91.8	92.3	92.6	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
≥ 1500	92.5	93.1	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	93.3	94.0	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1000	93.9	94.7	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	94.0	94.8	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	94.5	95.2	95.5	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 700	94.7	95.6	95.9	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 600	94.9	95.9	96.2	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 500	95.2	96.4	96.7	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	95.3	96.6	97.0	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 300	95.5	96.9	97.4	97.7	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 200	95.8	97.0	97.5	97.8	98.0	98.2	98.4	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 100	95.8	97.0	97.5	97.9	98.1	98.2	98.5	98.6	98.6	98.8	98.9	98.9	99.0	99.0	99.1	99.2
≥ 0	95.8	97.0	97.5	97.9	98.1	98.2	98.5	98.6	98.6	98.8	99.0	99.0	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2010

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 63-67,69-88 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0360-0959 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	66.9	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	66.8	66.8
≥ 20000	74.2	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	74.5	74.5
≥ 18000	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 16000	75.2	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 14000	76.9	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 12000	78.9	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	79.2	79.2
≥ 10000	79.7	79.9	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
≥ 9000	80.0	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 8000	80.9	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	81.2	81.2
≥ 7000	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 6000	82.6	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	82.9	82.9
≥ 5000	83.7	84.0	84.0	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
≥ 4500	84.2	84.5	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	84.6
≥ 4000	85.3	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3500	86.0	86.2	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3000	87.8	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2500	88.5	88.6	88.7	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
≥ 2000	89.5	89.8	89.9	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1800	89.8	90.2	90.3	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
≥ 1500	90.6	91.1	91.1	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1200	91.8	92.3	92.4	92.7	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	92.5	93.2	93.3	93.6	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	92.8	93.4	93.6	94.0	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 800	92.8	93.7	93.9	94.3	94.6	94.6	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 700	93.1	94.0	94.2	94.7	95.0	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 600	93.5	94.4	94.7	95.1	95.5	95.5	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 500	93.7	94.8	95.1	95.6	96.0	96.0	96.3	96.4	96.4	96.4	96.5	96.5	96.6	96.6	96.6	96.7
≥ 400	93.8	95.1	95.5	96.0	96.4	96.4	96.8	96.9	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.3
≥ 300	93.9	95.4	95.8	96.5	96.9	96.9	97.4	97.6	97.6	97.7	97.8	97.8	98.1	98.1	98.2	98.2
≥ 200	94.0	95.4	95.8	96.5	97.0	97.0	97.4	97.6	97.6	97.7	97.9	97.9	98.2	98.3	98.4	98.4
≥ 100	94.0	95.4	95.8	96.5	97.0	97.0	97.5	97.9	97.9	98.0	98.2	98.2	98.7	98.8	99.1	99.2
≥ 0	94.0	95.4	95.8	96.5	97.0	97.0	97.5	97.9	97.9	98.1	98.2	98.2	98.8	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2080

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

5

CEILING VERSUS VISIBILITY

93037 COLORADO SPRINGS COLO-PETERSON FD 43-47,49-68 J
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00-23=GMT
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 20000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 18000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 16000	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 14000	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 12000	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 10000	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 9000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 8000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 7000	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9
≥ 6000	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 5000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 4500	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2
≥ 4000	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3000	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	88.7
≥ 2500	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	89.8	89.8
≥ 2000	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9
≥ 1800	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	91.2	91.2
≥ 1500	91.7	92.0	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3
≥ 1200	92.7	93.0	93.1	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4
≥ 1000	93.8	93.8	93.9	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900	93.8	94.1	94.2	94.4	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8
≥ 800	94.0	94.0	94.7	94.9	95.0	95.0	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	94.9	95.1	95.3	95.4	95.6	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 600	96.7	95.7	95.9	96.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7
≥ 500	96.9	96.0	96.2	96.6	96.9	97.0	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.5	97.5
≥ 400	95.2	96.3	96.8	97.3	97.6	97.6	98.0	98.0	98.1	98.2	98.3	98.4	98.5	98.5	98.5	98.5
≥ 300	95.2	96.3	96.9	97.4	97.7	97.8	98.2	98.2	98.2	98.4	98.5	98.6	98.9	98.9	99.0	99.0
≥ 200	95.2	96.3	96.9	97.4	97.8	97.9	98.4	98.4	98.4	98.7	98.9	99.1	99.3	99.3	99.4	99.5
≥ 100	95.2	96.3	96.9	97.4	97.8	97.9	98.4	98.4	98.4	98.7	98.9	99.1	99.3	99.3	99.6	99.7
≥ 0	95.2	96.3	96.9	97.4	97.8	97.9	98.4	98.4	98.4	98.7	98.9	99.1	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2008

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03:00-11:00 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 20000	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 18000	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 16000	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 14000	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 12000	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 10000	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	81.4
≥ 9000	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	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	82.7	82.7
≥ 7000	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 6000	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 5000	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	87.1	87.1	87.1
≥ 4500	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 4000	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	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	89.4
≥ 3000	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2500	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	92.4
≥ 2000	94.0	94.1	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
≥ 1800	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1500	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200	96.5	96.8	96.8	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
≥ 1000	97.0	97.5	97.5	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
≥ 900	97.1	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.8	97.9	97.8	97.8	97.8	97.8
≥ 800	97.2	97.8	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	97.3	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	97.7	98.4	98.6	98.7	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	97.8	98.6	98.7	98.9	99.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	97.8	98.7	98.8	99.0	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	97.8	98.7	98.9	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 200	97.8	98.7	98.9	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 100	97.8	98.7	98.9	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0
≥ 0	97.8	98.7	98.9	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2009

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

5

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-66 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0700-1400 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	<⅝	≥5/16	≥¼	≥0
NO CEILING	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 20000	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	58.0	58.0
≥ 18000	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	57.4	58.6
≥ 16000	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 14000	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 12000	63.5	63.5	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	63.6
≥ 10000	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	65.2	65.2
≥ 9000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 8000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 7000	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 6000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 5000	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4500	89.3	89.3	89.3	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
≥ 4000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3000	94.4	94.5	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
≥ 2500	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1800	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	98.2	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	98.4	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	99.1	99.1
≥ 900	98.5	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	99.2	99.2
≥ 800	98.5	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	98.5	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	98.6	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	99.6	99.6
≥ 500	98.8	99.3	99.6	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
≥ 400	98.8	99.3	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.8	99.3	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.8	99.3	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.8	99.3	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.8	99.3	99.6	99.6	99.8	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 2010

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

23047	COLORADO SPRINGS COLO-PETERSON FD	43-47,49-68	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1,10-1,20
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 20000	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 18000	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 16000	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	51.8	51.8	51.8
≥ 14000	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 12000	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 10000	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	59.9
≥ 9000	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	65.8	65.8
≥ 8000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 7000	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 6000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
≥ 5000	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4500	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4000	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3500	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 3000	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	96.4	96.4	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
≥ 2000	97.5	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 1800	97.8	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	98.2	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 1200	98.3	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	98.7	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	98.8	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 800	98.8	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	98.8	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 600	98.8	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	98.8	99.2	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	98.9	99.3	99.3	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	98.9	99.3	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	98.9	99.3	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.9	99.3	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	98.9	99.3	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2010

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1400-2000 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.8	47.2	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 20000	57.0	58.0	58.1	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
≥ 18000	58.4	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 16000	60.4	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 14000	64.9	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 12000	67.5	67.9	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
≥ 10000	70.0	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 9000	72.8	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 8000	80.0	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 7000	83.2	83.7	83.8	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 6000	86.2	86.8	86.9	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
≥ 5000	88.7	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4500	90.3	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4000	92.2	92.8	92.9	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3500	93.8	94.6	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	94.8	95.4	95.5	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
≥ 2500	95.4	96.4	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	96.5	97.5	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.9	97.8	97.8	97.8	97.8	97.8
≥ 1800	96.7	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	97.2	98.2	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	97.5	98.6	98.7	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
≥ 1000	97.9	98.7	98.9	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
≥ 900	97.0	98.8	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	97.7	98.8	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	97.8	99.0	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	97.8	99.0	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	97.9	99.1	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	97.9	99.2	99.4	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	97.9	99.2	99.4	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.9	99.2	99.4	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.9	99.2	99.4	99.5	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	97.9	99.2	99.4	99.5	99.7	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 2010

USAF-ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS (OLD-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21,0-2360 (HOURS (LST))

CEILING (FEET)	VISIBILITY STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	64,3	64,6	64,6	64,6	64,6	64,6	64,6	64,7	64,7	64,7	64,7	64,7	64,7	64,7	64,7	64,7
≥ 20000	70,1	70,5	70,5	70,5	70,5	70,5	70,5	70,5	70,5	70,5	70,5	70,5	70,5	70,5	70,5	70,5
≥ 18000	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	70,8	70,8	70,8
≥ 16000	72,2	72,5	72,5	72,5	72,5	72,5	72,5	72,6	72,6	72,6	72,6	72,6	72,6	72,6	72,6	72,6
≥ 14000	74,4	74,7	74,7	74,7	74,7	74,7	74,7	74,8	74,8	74,8	74,8	74,8	74,8	74,8	74,8	74,8
≥ 12000	77,4	77,7	77,7	77,7	77,7	77,7	77,7	77,8	77,8	77,8	77,8	77,8	77,8	77,8	77,8	77,8
≥ 10000	80,0	80,4	80,4	80,4	80,4	80,4	80,4	80,5	80,5	80,5	80,5	80,5	80,5	80,5	80,5	80,5
≥ 9000	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	81,7	81,7	81,7
≥ 8000	83,5	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
≥ 7000	85,0	85,5	85,5	85,5	85,5	85,5	85,5	85,5	85,5	85,5	85,5	85,5	85,5	85,5	85,5	85,5
≥ 6000	86,2	86,7	86,7	86,7	86,7	86,7	86,7	86,7	86,7	86,7	86,7	86,7	86,7	86,7	86,7	86,7
≥ 5000	88,4	88,9	88,9	88,9	88,9	88,9	88,9	88,9	88,9	88,9	88,9	88,9	88,9	88,9	88,9	88,9
≥ 4500	88,9	89,4	89,4	89,4	89,4	89,4	89,4	89,5	89,5	89,5	89,5	89,5	89,5	89,5	89,5	89,5
≥ 4000	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	90,8	90,8	90,8
≥ 3500	91,4	91,9	91,9	91,9	91,9	91,9	91,9	92,0	92,0	92,0	92,0	92,0	92,0	92,0	92,0	92,0
≥ 3000	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	93,3	93,3	93,3
≥ 2500	93,5	94,4	94,3	94,3	94,3	94,3	94,3	94,3	94,3	94,3	94,3	94,3	94,3	94,3	94,3	94,3
≥ 2000	94,9	95,7	95,8	95,8	95,8	95,8	95,8	95,9	95,9	95,9	95,9	95,9	95,9	95,9	95,9	95,9
≥ 1800	95,1	95,9	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
≥ 1500	95,6	96,4	96,6	96,8	96,8	96,8	96,8	96,8	96,8	96,9	96,9	96,9	96,9	96,9	96,9	96,9
≥ 1200	95,9	96,8	97,0	97,1	97,1	97,1	97,1	97,2	97,2	97,3	97,3	97,3	97,3	97,3	97,3	97,3
≥ 1000	96,3	97,2	97,6	97,8	97,8	97,8	97,8	97,9	97,9	98,0	98,0	98,0	98,0	98,0	98,0	98,0
≥ 900	96,4	97,4	97,7	97,9	97,9	97,9	97,9	98,0	98,0	98,1	98,1	98,1	98,1	98,1	98,1	98,1
≥ 800	96,6	97,5	97,9	98,1	98,1	98,2	98,2	98,2	98,2	98,3	98,3	98,3	98,3	98,3	98,3	98,3
≥ 700	96,7	97,7	98,1	98,3	98,3	98,4	98,4	98,4	98,4	98,5	98,5	98,5	98,5	98,5	98,5	98,5
≥ 600	97,1	98,2	98,6	98,8	98,8	98,9	98,9	98,9	98,9	99,0	99,0	99,0	99,0	99,0	99,0	99,0
≥ 500	97,4	98,3	98,9	99,2	99,2	99,2	99,2	99,3	99,3	99,4	99,4	99,4	99,4	99,4	99,4	99,4
≥ 400	97,6	98,5	99,2	99,4	99,4	99,5	99,5	99,5	99,5	99,6	99,6	99,6	99,6	99,6	99,6	99,6
≥ 300	97,8	98,8	99,3	99,5	99,5	99,6	99,6	99,7	99,7	99,8	99,8	99,8	99,8	99,8	99,8	99,8
≥ 200	97,8	98,8	99,4	99,6	99,6	99,7	99,7	99,8	99,8	99,9	99,9	99,9	99,9	99,9	99,9	99,9
≥ 100	97,8	98,8	99,4	99,6	99,6	99,7	99,7	99,8	99,8	99,9	99,9	99,9	99,9	99,9	99,9	99,9
≥ 0	97,8	98,8	99,4	99,6	99,6	99,7	99,7	99,8	99,8	99,9	99,9	99,9	99,9	99,9	99,9	100,0

TOTAL NUMBER OF OBSERVATIONS 2805

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 STATION | COLORADO SPRINGS GOLD-PETERSON FD STATION NAME | 43-47,49-66 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	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	58.5	58.5	58.5
≥ 20000	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 18000	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 16000	68.5	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 14000	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 12000	73.3	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 10000	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 9000	76.9	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	77.2	77.2
≥ 8000	80.5	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 7000	82.8	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 6000	84.9	85.1	85.1	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
≥ 5000	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4500	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4000	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5
≥ 3500	90.3	90.6	90.6	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
≥ 3000	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2500	92.8	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2000	93.9	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1800	94.2	94.6	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1500	94.9	95.3	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200	95.5	96.1	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5
≥ 1000	95.9	96.6	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	96.1	96.7	96.9	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	96.2	97.0	97.1	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	96.4	97.2	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9
≥ 600	96.6	97.5	97.7	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 500	96.8	97.7	98.0	98.2	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7
≥ 400	96.9	97.9	98.2	98.4	98.6	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	96.9	98.0	98.3	98.6	98.8	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.4
≥ 200	97.0	98.0	98.3	98.6	98.8	98.9	99.1	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5
≥ 100	97.0	98.0	98.3	98.6	98.8	98.9	99.2	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.7	99.7
0	97.0	98.0	98.3	98.6	98.8	98.9	99.2	99.2	99.2	99.4	99.4	99.5	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 16071

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 20000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 18000	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 16000	74.8	74.9	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
≥ 14000	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	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	83.9	83.9	83.9
≥ 10000	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 9000	87.9	88.0	88.0	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
≥ 8000	90.5	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 7000	90.5	90.6	90.6	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
≥ 6000	91.7	91.9	91.9	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
≥ 5000	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4500	93.6	93.6	93.6	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
≥ 4000	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3500	94.9	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	94.8
≥ 3000	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	96.6	96.8	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	96.9
≥ 1500	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	97.4
≥ 1200	97.6	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	98.0	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	98.3	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	98.3	98.3	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	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	98.7	98.7	98.7
≥ 600	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	98.6	98.7	98.7	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	98.7	98.8	98.8	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
≥ 300	98.7	99.0	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	98.7	99.1	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	98.7	99.1	99.1	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0
0	98.7	99.1	99.1	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2076

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

5

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 63-67,69-88 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 20000	76.3	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	76.6	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 16000	77.4	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	77.7
≥ 14000	81.7	81.9	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
≥ 12000	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	86.3	86.3	86.3
≥ 10000	88.4	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 9000	89.2	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 8000	90.0	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 7000	90.8	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 6000	91.1	91.4	91.4	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
≥ 5000	91.7	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 4500	91.9	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	92.3	92.3
≥ 4000	92.2	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3500	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3000	93.4	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000	94.5	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1800	94.8	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1500	95.1	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200	95.6	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000	96.0	96.5	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900	96.1	96.6	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	96.3	96.9	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4
≥ 700	96.5	97.2	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9
≥ 600	96.6	97.3	97.6	97.8	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 500	96.7	97.5	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4
≥ 400	96.7	97.6	98.1	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	96.8	97.8	98.2	98.4	98.5	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	99.0	99.0
≥ 200	96.8	97.9	98.4	98.6	98.7	98.7	99.0	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.6	99.6
≥ 100	96.8	97.9	98.4	98.6	98.7	98.7	99.0	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.7	99.8
≥ 0	96.9	97.9	98.4	98.6	98.7	98.8	99.1	99.1	99.2	99.3	99.4	99.4	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 2074

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0400-0700 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5.16	≥ ¼	≥ 0
NO CEILING	66.9	67.0	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 20000	79.1	79.2	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 18000	80.0	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 16000	81.2	81.3	81.3	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
≥ 14000	83.9	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 12000	87.5	87.6	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.1	88.0	88.0
≥ 10000	89.9	90.0	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 9000	90.3	90.4	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 8000	90.8	90.9	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 7000	91.3	91.4	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 6000	91.9	92.0	92.0	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
≥ 5000	92.5	92.6	92.6	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
≥ 4500	92.8	92.7	92.7	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
≥ 4000	92.8	92.9	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	93.2	93.3	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3000	93.6	93.7	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2500	93.9	94.0	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	94.5	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800	94.7	94.9	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	95.1	95.3	95.3	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
≥ 1200	95.8	96.1	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	96.4	96.8	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	96.7	97.1	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	97.0	97.5	97.5	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	97.9	97.9	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	97.7	98.3	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	97.8	98.5	98.5	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	97.9	98.7	98.7	99.1	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300	98.0	98.8	98.8	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	98.0	98.8	98.9	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	98.0	98.8	98.9	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0
0	98.0	98.8	98.9	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2076

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 COLORADO SPRINGS COLO-PETERSON FD 63-67,69-68 JUL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0700-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	69.8	69.8	69.8	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
≥ 20000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 18000	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 16000	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 14000	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 12000	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 10000	89.3	89.3	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
≥ 9000	89.9	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 8000	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 7000	91.9	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 6000	92.5	92.5	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 5000	93.4	.4	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4500	94.1	.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4000	94.7	.6	94.8	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
≥ 3500	95.2	.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3000	95.8	95.8	95.8	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
≥ 2500	96.4	96.4	96.4	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
≥ 2000	97.0	97.0	97.0	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
≥ 1800	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	97.8	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	98.7	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	99.0	99.2	99.2	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
≥ 900	99.0	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	99.3	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.3	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.3	99.6	99.7	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
≥ 400	99.3	99.6	99.7	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
≥ 300	99.3	99.6	99.7	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
≥ 200	99.3	99.6	99.7	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	99.3	99.6	99.7	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
≥ 0	99.3	99.6	99.7	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 2076

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 63-67,69-88 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 20000	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 18000	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 16000	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 14000	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 12000	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	58.2	58.2	58.2
≥ 10000	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 9000	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 8000	76.0	76.0	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 7000	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 6000	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 5000	92.0	92.0	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
≥ 4500	93.5	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4000	95.8	95.9	95.9	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
≥ 3500	96.8	96.9	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3000	97.6	97.7	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500	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	98.6	98.6
≥ 2000	98.6	98.7	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
≥ 1800	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	99.1	99.1
≥ 1500	99.1	99.2	99.3	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
≥ 1200	99.2	99.3	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
≥ 1000	99.3	99.6	99.7	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
≥ 900	99.3	99.6	99.7	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
≥ 800	99.3	99.6	99.7	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
≥ 700	99.3	99.6	99.7	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
≥ 600	99.3	99.6	99.7	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
≥ 500	99.3	99.6	99.7	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
≥ 400	99.3	99.6	99.7	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
≥ 300	99.3	99.6	99.7	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
≥ 200	99.3	99.6	99.7	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	99.3	99.6	99.7	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
0	99.3	99.6	99.7	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 2077

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

5

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
≥ 20000	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
≥ 18000	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 16000	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 14000	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 12000	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 10000	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 9000	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 8000	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	72.2
≥ 7000	81.7	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	81.8
≥ 6000	87.7	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
≥ 5000	91.7	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 4500	93.4	93.7	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
≥ 4000	95.7	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	96.4	96.8	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
≥ 3000	97.5	98.0	98.0	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
≥ 2500	98.1	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	98.3	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	98.3	99.0	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	98.3	99.0	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 1200	98.4	99.1	99.1	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	98.6	99.3	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	98.6	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 800	98.6	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 700	98.6	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 600	98.6	99.3	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 500	98.6	99.3	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	98.6	99.3	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 300	98.6	99.3	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	98.6	99.3	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	98.6	99.3	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	98.6	99.3	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2076

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

5

CEILING VERSUS VISIBILITY

93037 (STATION) — COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) — 47-47,49-68 (YEARS) — ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
≥ 20000	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 18000	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 16000	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 14000	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 12000	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 10000	58.1	58.1	58.1	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
≥ 9000	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
≥ 8000	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	76.9	76.9	76.9
≥ 7000	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 6000	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 5000	92.7	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5
≥ 4500	94.1	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	94.8
≥ 4000	95.8	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6
≥ 3500	96.1	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0
≥ 3000	96.9	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9
≥ 2500	97.4	98.3	98.3	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
≥ 2000	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	98.9	98.9
≥ 1800	97.9	98.8	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
≥ 1500	98.1	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 1200	98.3	99.3	99.3	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
≥ 1000	98.4	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 900	98.4	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	98.4	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 700	98.4	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	98.4	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	98.4	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.4	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.4	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.4	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.4	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.4	99.5	99.6	99.7	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 2077

USAF-ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 63-67,69-88 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2400 (HOURS (LST))

CEILING FEET:	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	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	56.0	56.0	56.0
≥ 20000	62.3	62.3	62.6	62.9	62.9	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 18000	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	63.0	63.0	63.0
≥ 16000	64.8	64.8	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 14000	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 12000	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 10000	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 9000	82.6	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	82.9
≥ 8000	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 7000	90.0	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 6000	92.1	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 5000	93.5	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	93.8
≥ 4500	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	94.7	94.7	94.7
≥ 4000	95.2	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3500	95.9	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3000	96.3	96.6	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	96.8
≥ 2500	96.7	97.0	97.1	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
≥ 2000	97.0	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	97.2	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	97.4	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	97.8	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	98.0	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	95.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	98.4	98.7	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	99.1
≥ 600	98.9	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	98.7	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	98.7	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	98.9	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.9	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	98.9	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.9	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2076

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

5

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FI (STATION NAME) 43-47,49-68 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES): ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	53.6	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 20000	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	62.7	62.7	62.7
≥ 18000	63.0	63.1	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
≥ 16000	64.1	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 14000	67.9	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	68.1	68.1
≥ 12000	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4
≥ 10000	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 9000	78.3	78.3	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
≥ 8000	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 7000	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 6000	90.5	90.6	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 5000	92.6	92.6	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	92.9
≥ 4500	93.5	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4000	94.8	94.8	94.8	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
≥ 3500	95.1	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
≥ 3000	95.8	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500	96.2	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	96.7	97.1	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
≥ 1800	96.9	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	97.3	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	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	98.3	98.4	98.4
≥ 1000	98.0	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8
≥ 900	98.1	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	98.2	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 700	98.3	98.8	98.9	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
≥ 600	98.4	98.9	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 500	98.4	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	98.5	99.0	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	98.5	99.1	99.2	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	98.9	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	98.5	79.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	98.5	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 16808

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 COLORADO SPRINGS GOLD-PETERSON FD 43-47,49-68 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥9	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥⅞	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	70.2	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	70.4
≥ 20000	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2
≥ 18000	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 16000	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 14000	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8
≥ 12000	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0
≥ 10000	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6
≥ 9000	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	88.6	88.6	88.6
≥ 8000	89.4	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9
≥ 7000	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8
≥ 6000	91.2	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6
≥ 5000	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1
≥ 4500	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5
≥ 4000	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8
≥ 3500	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2
≥ 3000	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3
≥ 2500	93.2	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7
≥ 2000	94.0	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	94.7	94.7
≥ 1800	94.2	94.7	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1
≥ 1500	94.7	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 1200	95.2	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 1000	95.5	96.1	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
≥ 900	95.6	96.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 800	95.7	96.4	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 700	95.9	96.6	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 600	96.1	96.9	97.1	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 500	96.1	96.9	97.1	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 400	96.2	97.3	97.4	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 300	96.3	97.5	97.7	97.9	98.2	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6
≥ 200	96.3	97.6	97.8	98.1	98.3	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 100	96.3	97.6	97.8	98.1	98.4	98.5	98.6	98.7	98.7	98.8	99.0	99.0	99.3	99.3	99.3	99.3
≥ 0	96.3	97.6	97.8	98.1	98.4	98.5	98.6	98.7	98.7	98.8	99.0	99.0	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2076

USAF ETAC FORM JUL 61 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0500-0500 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	69.7	69.9	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 20000	76.0	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4
≥ 18000	76.3	76.5	76.5	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
≥ 16000	77.5	77.7	77.7	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 14000	80.5	81.0	81.0	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3
≥ 12000	85.0	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5
≥ 10000	87.8	88.0	88.0	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3
≥ 9000	88.3	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8
≥ 8000	88.9	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4
≥ 7000	89.5	89.6	89.8	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1
≥ 6000	89.8	90.1	90.1	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4
≥ 5000	90.1	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6
≥ 4500	90.2	90.5	90.5	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4000	90.3	90.6	90.7	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0
≥ 3500	90.8	91.1	91.1	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4
≥ 3000	91.0	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1
≥ 2500	92.0	92.3	92.3	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6
≥ 2000	92.2	92.6	92.7	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0
≥ 1800	92.3	92.7	92.8	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1
≥ 1500	92.5	93.0	93.1	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5
≥ 1200	92.9	93.4	93.6	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0
≥ 1000	93.1	93.7	93.8	93.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3
≥ 900	93.4	94.0	94.2	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7
≥ 800	93.5	94.3	94.6	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0
≥ 700	93.7	94.6	94.9	95.0	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4
≥ 600	94.1	95.0	95.3	95.4	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8
≥ 500	94.2	95.3	95.6	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.3	96.3
≥ 400	94.4	95.7	96.0	96.3	96.3	96.5	96.7	96.7	96.7	96.8	96.9	96.9	96.9	96.9	97.0	97.1
≥ 300	94.6	96.0	96.4	96.9	97.0	97.1	97.4	97.5	97.5	97.6	97.9	97.9	97.9	97.9	97.9	98.0
≥ 200	94.6	96.0	96.5	97.1	97.3	97.4	97.9	98.0	98.0	98.2	98.5	98.5	98.6	98.6	98.7	98.8
≥ 100	94.8	96.0	96.5	97.1	97.3	97.4	97.9	98.1	98.1	98.3	98.6	98.6	98.8	98.8	99.1	99.2
0	94.8	96.0	96.5	97.1	97.3	97.4	97.9	98.1	98.1	98.3	98.6	98.6	98.8	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2075

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

5

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-66 (YEARS) ANN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0900 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	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	63.5	63.5
≥ 20000	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.8
≥ 18000	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5
≥ 16000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2
≥ 14000	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1
≥ 12000	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	84.7	84.7	84.8
≥ 10000	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7
≥ 9000	88.2	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	88.6	88.7
≥ 8000	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.9
≥ 7000	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4
≥ 6000	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.9
≥ 5000	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.2
≥ 4500	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.6
≥ 4000	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 3500	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9
≥ 3000	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3
≥ 2500	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	93.0
≥ 2000	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.3
≥ 1800	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3
≥ 1500	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.7
≥ 1200	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0
≥ 1000	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7
≥ 900	94.6	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.2
≥ 800	94.7	95.4	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.9
≥ 700	95.2	95.9	96.0	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.5
≥ 600	95.6	96.3	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 500	95.3	96.7	96.9	97.1	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 400	95.9	96.9	97.2	97.5	97.7	97.7	97.8	97.9	97.9	98.0	98.1	98.1	98.2	98.2	98.2	98.2
≥ 300	95.9	96.9	97.4	97.9	98.1	98.2	98.4	98.4	98.5	98.6	98.7	98.7	98.8	98.8	98.9	99.0
≥ 200	95.9	97.0	97.5	98.0	98.3	98.3	98.6	98.6	98.6	98.9	98.9	98.9	99.1	99.1	99.2	99.2
≥ 100	95.9	97.0	97.5	98.0	98.3	98.4	98.6	98.7	98.7	99.0	99.0	99.0	99.3	99.4	99.5	99.6
0	95.9	97.0	97.5	98.0	98.3	98.4	98.6	98.7	98.7	99.0	99.0	99.0	99.3	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2074

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-65 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 20000	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 18000	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	77.4
≥ 15000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 14000	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 12000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 10000	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 9000	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	89.3
≥ 8000	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 7000	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 6000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 5000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4500	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	93.0	93.0
≥ 4000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3500	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	93.8	93.8	93.8
≥ 3000	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2500	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	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	95.9	95.9
≥ 1800	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	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	96.8	96.8
≥ 1200	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	97.3	97.3	97.3
≥ 1000	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	98.1	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	98.5	98.5
≥ 700	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	98.4	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	98.9	98.9
≥ 500	98.4	98.7	98.8	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
≥ 400	98.4	98.7	98.8	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	98.4	98.6	98.9	99.0	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	98.4	98.8	98.9	99.0	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 100	98.4	98.8	98.9	99.0	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 0	98.4	98.8	98.9	99.0	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2073

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-66 (YEARS) ANN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12∪6-1∪5∪ (HOURS (LST))

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 20000	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 18000	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 16000	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 14000	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 12000	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 10000	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	64.9	64.9
≥ 9000	69.7	69.7	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
≥ 8000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 7000	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 6000	89.0	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	89.1	89.1
≥ 5000	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4500	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4000	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3500	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3000	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500	97.2	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	97.6	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	97.7	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	98.0	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	98.3	98.6	98.8	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
≥ 900	98.4	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	98.5	98.9	99.1	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
≥ 700	98.6	99.0	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	99.4
≥ 600	98.6	99.0	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	98.8	99.1	99.3	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
≥ 400	98.8	99.1	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	98.8	99.1	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 200	98.8	99.1	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 100	98.8	99.1	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0
≥ 0	98.8	99.1	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2077

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,69-46 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-1700 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 20000	42.8	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 18000	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 16000	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 14000	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 12000	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	51.8	51.8	51.8
≥ 10000	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	54.2	54.2
≥ 9000	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	60.9	60.9	60.9
≥ 8000	73.7	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	74.0
≥ 7000	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 6000	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 5000	91.2	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4500	92.7	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4000	94.4	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3500	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	96.0	96.0
≥ 3000	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	97.0
≥ 2500	96.8	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	97.2	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	97.2	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	97.3	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	97.4	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	97.4	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	97.5	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	99.0
≥ 800	97.5	98.7	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
≥ 700	97.8	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	97.8	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	97.8	99.1	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	97.8	99.1	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	97.8	99.1	99.3	99.5	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.8	99.1	99.3	99.5	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.8	99.1	99.3	99.5	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.8	99.1	99.3	99.5	99.6	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2075

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

5

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47-49-68 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.8	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 20000	48.4	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 18000	48.9	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 16000	50.2	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 14000	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 12000	60.6	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 10000	64.7	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 9000	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 8000	79.3	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 7000	84.5	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	84.8	84.8
≥ 6000	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	89.4	89.4
≥ 5000	92.0	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4500	93.1	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4000	94.2	94.8	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3500	95.0	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	95.9	95.9
≥ 3000	95.8	96.3	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
≥ 2500	95.8	96.6	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2000	96.0	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
≥ 1800	96.2	97.1	97.3	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	96.5	97.5	97.7	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	97.7	97.8	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	98.3	97.9	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	96.9	98.0	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	97.0	98.1	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	97.1	98.2	98.4	98.6	98.7	98.7	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	97.2	98.4	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	97.2	98.5	98.7	98.8	99.0	99.0	99.1	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	97.3	98.5	98.7	98.9	99.1	99.1	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	97.3	98.5	98.7	99.0	99.1	99.2	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	97.3	98.6	98.8	99.1	99.2	99.3	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.3	98.6	98.8	99.1	99.2	99.3	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.3	98.6	98.8	99.1	99.2	99.3	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2075

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93987 (STATION) | CULP FLD, SPRINGS COLO-PETERSON, CO (STATION NAME) | 63-67, 69-08 (YEARS) | (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

(HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 20000	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 18000	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 16000	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 14000	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	73.4
≥ 12000	78.1	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	78.3
≥ 10000	82.7	82.8	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
≥ 9000	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 8000	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 7000	89.3	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 6000	90.3	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 5000	91.9	92.3	92.4	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
≥ 4500	92.5	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4000	93.1	93.6	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
≥ 3500	94.2	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9
≥ 3000	94.5	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2
≥ 2500	94.8	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	95.1	95.8	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
≥ 1800	95.2	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 1500	95.8	96.3	96.6	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
≥ 1200	96.4	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 1000	96.3	97.1	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 900	96.5	97.3	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 800	96.6	97.4	97.9	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	96.7	97.4	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	96.8	97.6	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 500	97.0	97.8	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 400	97.0	98.0	98.5	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	97.0	98.4	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 200	97.1	98.3	98.8	99.0	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 100	97.1	98.3	98.8	99.0	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 0	97.1	98.3	98.8	99.0	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2075

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 63-67,69-CD YEARS | ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.4	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000	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	64.5	64.5
≥ 18000	64.5	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 16000	66.2	66.4	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	66.4
≥ 14000	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 12000	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	74.5	74.5	74.6
≥ 10000	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4
≥ 9000	79.9	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	80.1	80.1
≥ 8000	84.7	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	85.0	85.0
≥ 7000	87.6	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 6000	89.9	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	90.2	90.2
≥ 5000	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9
≥ 4500	92.1	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6
≥ 4000	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	93.3	93.3
≥ 3500	93.5	93.9	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
≥ 3000	94.2	94.5	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2500	94.8	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2000	95.1	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1800	95.2	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 1500	95.6	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.4	96.4	96.4	96.3
≥ 1200	95.9	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 1000	96.1	96.8	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	96.3	97.0	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	96.5	97.2	97.4	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	96.6	97.4	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 600	96.8	97.6	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	96.9	97.7	98.0	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 400	96.9	97.9	98.2	98.4	98.5	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	97.0	98.0	98.3	98.6	98.7	98.8	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.3
≥ 200	97.0	98.1	98.4	98.7	98.8	98.9	99.1	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.5	99.5
≥ 100	97.0	98.1	98.4	98.7	98.8	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.7
≥ 0	97.0	98.1	98.4	98.7	98.8	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 18600

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C
5

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 52-67,69-68 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0700 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/16	≥ ¼	≥ 0
NO CEILING	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 20000	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	77.7	77.7	77.8
≥ 18000	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2
≥ 16000	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7
≥ 14000	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
≥ 12000	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 10000	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4
≥ 9000	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 8000	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5
≥ 7000	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9
≥ 6000	85.6	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
≥ 5000	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8
≥ 4500	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	87.2
≥ 4000	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 3500	88.1	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.9
≥ 3000	88.9	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	89.4
≥ 2500	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2
≥ 2000	90.4	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800	90.8	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	91.6
≥ 1500	91.9	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	92.3	93.1	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	92.7	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8
≥ 900	93.6	93.9	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	94.1
≥ 800	93.9	94.3	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 700	93.8	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 600	94.2	95.3	95.4	95.5	95.5	95.5	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 500	96.3	95.7	95.8	95.9	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4
≥ 400	94.8	96.1	96.4	96.5	96.7	96.7	96.8	96.9	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2
≥ 300	94.9	96.3	96.3	96.8	97.0	97.0	97.1	97.3	97.3	97.4	97.7	97.7	97.7	97.7	97.7	97.8
≥ 200	94.9	96.4	96.7	97.0	97.2	97.2	97.4	97.6	97.6	97.8	98.2	98.2	98.3	98.3	98.4	98.4
≥ 100	94.9	96.5	96.8	97.1	97.3	97.3	97.5	97.8	97.9	98.1	98.6	98.6	98.8	98.8	99.1	99.4
0	94.9	96.3	96.8	97.1	97.3	97.3	97.5	97.8	97.9	98.2	98.7	98.7	99.0	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2098

USAF ETAC FORM JUL 61 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

23037 STATION | COLORADO SPRINGS CO G-PETERSON FD STATION NAME | 42-47,49-69 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8
≥ 20000	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.8
≥ 18000	76.7	76.9	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	77.1
≥ 16000	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	78.0
≥ 14000	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.9
≥ 12000	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.8
≥ 10000	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	83.0
≥ 9000	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	84.0
≥ 8000	83.7	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	84.1	84.2
≥ 7000	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	85.0
≥ 6000	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.4
≥ 5000	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.9
≥ 4500	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.2
≥ 4000	86.0	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6
≥ 3500	86.5	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	87.1
≥ 3000	87.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	88.0
≥ 2500	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.5
≥ 2000	89.0	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7
≥ 1800	89.3	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	90.1
≥ 1500	90.0	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0
≥ 1200	90.9	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.3
≥ 1000	91.5	92.4	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.2
≥ 900	91.8	92.8	93.1	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.7
≥ 800	92.9	92.9	93.3	93.5	93.6	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.9
≥ 700	92.1	93.1	93.5	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1
≥ 600	92.3	93.5	93.9	94.1	94.2	94.2	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.6
≥ 500	92.5	93.9	94.3	94.6	94.7	94.7	94.8	94.9	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.3
≥ 400	92.8	94.3	94.9	95.1	95.2	95.2	95.4	95.5	95.5	95.5	95.5	95.6	95.9	95.9	95.9	96.0
≥ 300	92.9	94.7	95.4	95.6	95.9	95.9	96.1	96.4	96.4	96.5	96.6	96.8	97.0	97.0	97.0	97.1
≥ 200	92.9	94.7	95.4	95.7	96.0	96.1	96.4	96.7	96.7	97.0	97.5	97.5	97.9	97.9	97.9	98.1
≥ 100	92.9	94.7	95.4	95.7	96.0	96.1	96.4	96.9	96.9	97.2	98.0	98.0	98.6	98.6	98.8	99.4
0	92.9	94.7	95.4	95.7	96.0	96.1	96.4	96.9	96.9	97.2	98.0	98.0	98.6	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2100

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

5

CEILING VERSUS VISIBILITY

93017 COLORADO SPRINGS COLO-PETERSON FD 42-47,49-68 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0700-0800
HOURS (LST)

CEILING FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ 4	≥ 0
NO CEILING	66.0	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 20000	73.8	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3
≥ 18000	74.2	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	74.6	74.7
≥ 16000	75.2	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7
≥ 14000	78.2	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000	80.7	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3
≥ 10000	82.1	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7
≥ 9000	82.5	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1
≥ 8000	83.0	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6
≥ 7000	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2
≥ 6000	84.2	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8
≥ 5000	84.9	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4500	85.2	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9
≥ 4000	85.5	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3500	85.9	86.4	86.4	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
≥ 3000	86.5	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	87.2	87.3
≥ 2500	87.3	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2200	88.9	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7
≥ 1800	89.4	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.4
≥ 1500	90.2	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1200	91.1	91.9	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3
≥ 1000	91.4	92.2	92.5	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0
≥ 900	91.9	92.8	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800	92.3	93.3	93.8	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.5
≥ 700	92.7	93.8	94.3	94.5	94.8	94.8	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.1
≥ 600	92.8	94.4	95.0	95.2	95.6	95.7	95.7	95.7	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.1
≥ 500	92.9	94.5	95.3	95.7	96.1	96.1	96.3	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.8	96.9
≥ 400	93.0	94.7	95.4	95.9	96.4	96.5	96.7	96.9	96.9	97.0	97.6	97.6	97.7	97.7	97.8	97.9
≥ 300	93.0	94.9	95.7	96.3	96.9	97.0	97.2	97.4	97.4	97.7	98.4	98.4	98.5	98.6	98.7	98.7
≥ 200	93.0	94.9	95.7	95.4	96.9	97.1	97.3	97.6	97.6	97.9	98.7	98.7	98.8	98.9	99.1	99.1
≥ 100	93.0	94.9	95.7	96.4	96.9	97.1	97.3	97.6	97.6	97.9	98.7	98.7	98.8	98.9	99.2	99.2
≥ 0	93.0	94.9	95.7	96.4	96.9	97.1	97.3	97.6	97.6	97.9	98.7	98.7	98.9	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2101

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037	COLUMBUS SPRINGS GOLD-PETERSON FL	42-47,49-68	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 20000	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 18000	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 16000	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	78.1	78.1	78.1
≥ 14000	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 12000	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 10000	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 9000	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 8000	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 7000	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 6000	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 5000	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	87.1	87.1	87.1
≥ 4500	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4000	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	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	89.2	89.2	89.2
≥ 3000	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2500	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2000	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	92.2	92.2
≥ 1800	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200	95.2	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000	95.7	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	95.8	96.3	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	96.0	96.6	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	96.0	97.0	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	96.2	97.2	97.4	97.7	97.8	97.8	97.8	97.8	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	96.2	97.2	97.4	97.8	97.9	98.0	98.0	98.0	98.0	98.2	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	96.2	97.2	97.5	98.0	98.1	98.1	98.3	98.3	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	96.2	97.3	97.5	98.1	98.3	98.3	98.5	98.6	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2
≥ 200	96.2	97.3	97.5	98.1	98.3	98.3	98.6	98.6	98.7	99.0	99.2	99.2	99.3	99.4	99.5	99.6
≥ 100	96.2	97.3	97.5	98.1	98.3	98.4	98.6	98.7	98.7	99.0	99.3	99.3	99.4	99.5	99.6	99.8
≥ 0	96.2	97.3	97.5	98.1	98.3	98.4	98.6	98.7	98.7	99.0	99.3	99.3	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2100

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 STATION | COLORADO SPRINGS COLO-PETERSON FI STATION NAME | [illegible] YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

[illegible] HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1½	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 20000	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 18000	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 16000	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	73.2
≥ 14000	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	76.1	76.1
≥ 12000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 10000	79.1	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	79.2	79.2
≥ 9000	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	81.1
≥ 8000	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 7000	87.0	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	87.2	87.2
≥ 6000	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6
≥ 5000	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4500	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 4000	92.3	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7
≥ 3500	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4
≥ 3000	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2500	94.8	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 1800	95.9	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 1500	96.6	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	97.0	97.3	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 1000	97.2	97.6	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 900	97.3	97.8	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 800	97.3	97.9	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	97.3	97.9	98.1	98.3	98.4	98.4	98.4	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 600	97.3	98.0	98.3	98.4	98.5	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 500	97.3	98.0	98.4	98.6	98.7	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 400	97.3	98.0	98.4	98.6	98.9	98.9	99.0	99.0	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.5
≥ 300	97.3	98.0	98.4	98.7	99.1	99.1	99.1	99.2	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 200	97.3	98.0	98.4	98.7	99.1	99.1	99.2	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 100	97.3	98.0	98.4	98.7	99.1	99.1	99.2	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.9	100.0
0	97.3	98.0	98.4	98.7	99.1	99.1	99.2	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2098

USAF ETAC FORM JULY 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 COLORADO SPRINGS COLO-PETERSON FD 62-67,69-72 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15.5-17.00
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	0
NO CEILING	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 20000	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	64.4	64.4
≥ 18000	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	64.9	64.9
≥ 16000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 14000	69.4	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 12000	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	72.8
≥ 10000	74.5	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 9000	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 8000	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 7000	87.0	87.1	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
≥ 6000	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 5000	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 4500	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4000	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3500	94.2	94.4	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3000	95.2	95.4	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2500	96.0	96.3	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2000	96.7	97.1	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	96.9	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	97.0	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	97.3	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	97.5	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	97.6	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	97.7	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	97.8	98.4	98.4	98.7	98.7	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	97.9	98.6	98.7	99.0	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	97.9	98.7	98.8	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	97.9	98.7	98.8	99.0	99.2	99.2	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	97.9	98.7	98.8	99.0	99.3	99.3	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.9
≥ 200	97.9	98.7	98.8	99.1	99.3	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	97.9	98.7	98.8	99.1	99.3	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	97.9	98.7	98.8	99.1	99.3	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2098

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON, FI (STATION NAME) 42-47,49-66 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1100-2100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 20000	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	68.9	68.9
≥ 18000	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3
≥ 16000	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8
≥ 14000	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
≥ 12000	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2
≥ 10000	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0
≥ 9000	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1
≥ 8000	84.0	84.2	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	84.3
≥ 7000	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9
≥ 6000	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
≥ 5000	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4500	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4000	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3500	92.5	92.8	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	92.9
≥ 3000	93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	94.8	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	95.7	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	95.9	96.3	96.6	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
≥ 1500	96.0	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	96.3	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	96.7	97.5	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	96.8	97.6	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	96.9	97.8	98.0	98.2	98.2	98.2	98.3	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	97.0	97.9	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	97.1	98.0	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	97.1	98.2	98.5	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	97.1	98.3	98.6	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	97.1	98.5	98.8	99.0	99.0	99.0	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6
≥ 200	97.1	98.5	98.8	99.1	99.1	99.1	99.3	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.9	99.9
≥ 100	97.1	98.5	98.8	99.1	99.1	99.1	99.3	99.4	99.4	99.5	99.8	99.8	99.8	99.9	100.0	100.0
≥ 0	97.1	98.5	98.8	99.1	99.1	99.1	99.3	99.4	99.4	99.5	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2096

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 42-47,49-68 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 20000	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	76.0	76.0	76.0
≥ 18000	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2
≥ 16000	76.5	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	76.9	76.9
≥ 14000	79.1	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 12000	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6
≥ 10000	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	83.0	83.0
≥ 9000	83.5	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 8000	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2
≥ 7000	85.7	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 6000	86.5	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	87.0	87.0
≥ 5000	88.1	88.7	88.7	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
≥ 4500	88.9	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7
≥ 4000	89.6	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3500	90.2	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3000	90.9	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7
≥ 2500	91.9	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7
≥ 2000	93.0	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	94.0	94.0
≥ 1800	93.8	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7
≥ 1500	94.0	94.8	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4
≥ 1200	94.6	95.4	95.7	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
≥ 1000	94.9	95.7	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	94.9	95.7	96.0	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5
≥ 800	95.3	96.2	96.5	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	95.9	96.5	96.9	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4
≥ 600	95.9	96.9	97.2	97.5	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.8
≥ 500	95.9	97.1	97.4	97.7	97.8	97.8	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	96.0	97.4	97.7	98.0	98.1	98.1	98.2	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.6	98.6
≥ 300	96.1	97.5	97.8	98.1	98.2	98.2	98.4	98.5	98.5	98.6	98.8	98.8	98.8	98.8	98.9	98.9
≥ 200	96.1	97.6	98.0	98.2	98.4	98.4	98.6	98.7	98.7	98.8	99.0	99.0	99.0	99.0	99.1	99.2
≥ 100	96.1	97.6	98.0	98.2	98.4	98.4	98.6	98.7	98.7	98.9	99.2	99.3	99.4	99.5	99.6	99.8
0	96.1	97.6	98.0	98.2	98.4	98.4	98.6	98.7	98.7	98.9	99.2	99.3	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2399

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS (OLD-PETERSON FD (STATION NAME) 62-67,69-78 (YEARS) 5 P (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 20000	73.0	73.1	73.1	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
≥ 18000	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7
≥ 16000	74.5	74.6	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
≥ 14000	77.1	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 12000	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 10000	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	81.1
≥ 9000	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5
≥ 8000	84.2	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 7000	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	85.9	85.9	85.9
≥ 6000	86.9	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	87.2	87.2
≥ 5000	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5
≥ 4500	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4000	89.3	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	89.8
≥ 3500	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3000	90.8	91.2	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
≥ 2500	91.7	92.0	92.1	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
≥ 2000	92.7	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	93.1	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
≥ 1500	93.7	94.3	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	94.3	95.0	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	94.7	95.4	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900	94.9	95.7	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	95.1	95.9	96.2	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	95.2	96.2	96.4	96.6	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 600	95.3	96.3	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	95.6	96.7	97.0	97.3	97.4	97.4	97.5	97.5	97.6	97.7	97.8	97.8	97.8	97.8	97.9	97.9
≥ 400	95.8	96.8	97.2	97.5	97.7	97.7	97.8	97.9	97.9	98.1	98.1	98.3	98.3	98.3	98.3	98.3
≥ 300	95.7	97.0	97.3	97.7	98.0	98.0	98.1	98.3	98.3	98.5	98.7	98.7	98.8	98.8	98.8	98.8
≥ 200	95.7	97.0	97.4	97.8	98.1	98.1	98.3	98.4	98.4	98.7	99.0	99.0	99.1	99.1	99.2	99.3
≥ 100	95.7	97.0	97.4	97.8	98.1	98.1	98.3	98.5	98.5	98.8	99.1	99.1	99.3	99.3	99.5	99.8
0	95.7	97.0	97.4	97.8	98.1	98.1	98.3	98.5	98.5	98.8	99.1	99.1	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 16790

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

5

CEILING VERSUS VISIBILITY

93037 COLORADO SPRINGS COLO-PETERSON FD 62-67,69-73 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0600 (LST)
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	74.0	74.2	74.2	74.3	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.5
≥ 20000	78.8	79.0	79.1	79.2	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5
≥ 18000	79.2	79.3	79.5	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.0	80.0
≥ 16000	80.1	80.4	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.9	80.9
≥ 14000	81.9	81.8	81.9	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.3	82.3
≥ 12000	83.1	83.4	83.4	83.5	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8
≥ 10000	84.5	84.8	84.9	84.9	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3	85.3
≥ 9000	85.9	86.1	86.2	86.3	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6
≥ 8000	86.4	86.7	86.7	86.8	86.8	86.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1
≥ 7000	86.8	86.1	86.2	86.3	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6
≥ 6000	86.8	86.9	87.0	87.1	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4
≥ 5000	87.8	87.8	87.8	87.9	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2
≥ 4500	87.8	87.9	88.0	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.4	88.4
≥ 4000	88.2	88.6	88.6	88.7	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0
≥ 3500	88.9	89.2	89.2	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.7	89.7
≥ 3000	89.7	90.1	90.2	90.3	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.7	90.7
≥ 2500	90.5	90.9	91.0	91.1	91.1	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.6	91.6
≥ 2000	91.2	91.6	91.7	91.8	91.9	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.3	92.3
≥ 1800	91.9	91.9	92.0	92.1	92.1	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.5
≥ 1500	92.0	92.5	92.6	92.6	92.9	93.0	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.4	93.4
≥ 1200	92.9	93.1	93.2	93.5	93.6	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.2	94.2
≥ 1000	92.9	93.7	93.8	94.1	94.2	94.4	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8
≥ 900	93.0	93.8	93.9	94.2	94.3	94.5	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	95.0	95.0
≥ 800	93.1	94.0	94.1	94.5	94.6	94.8	94.9	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.3	95.3
≥ 700	93.3	94.2	94.4	94.7	94.8	95.0	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.6	95.6
≥ 600	93.9	94.5	94.7	95.1	95.2	95.4	95.6	95.7	95.7	95.8	95.9	95.9	95.9	95.9	96.1	96.1
≥ 500	93.4	94.6	94.9	95.3	95.5	95.7	95.9	96.0	96.0	96.1	96.3	96.3	96.4	96.4	96.5	96.5
≥ 400	93.7	95.1	95.4	95.8	96.0	96.2	96.3	96.4	96.4	96.8	97.0	97.0	97.1	97.1	97.2	97.2
≥ 300	93.8	95.4	95.7	96.2	96.4	96.6	96.9	97.1	97.1	97.3	97.6	97.6	97.8	97.8	97.9	97.9
≥ 200	93.8	95.5	95.8	96.3	96.5	96.8	97.1	97.4	97.4	97.6	97.9	97.9	98.2	98.2	98.4	98.4
≥ 100	93.9	95.5	95.8	96.4	96.6	96.8	97.2	97.4	97.4	97.7	98.0	98.0	98.4	98.4	99.1	99.4
0	93.9	95.6	95.9	96.4	96.6	96.9	97.2	97.5	97.5	97.7	98.0	98.0	98.4	98.4	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2166

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 | COLORADO SPRINGS COLO-PETERSON FD | 47-47,49-68 | YEARS | OCT | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	74,3	74,4	74,4	74,4	74,5	74,5	74,5	74,7	74,7	74,7	74,7	74,7	74,7	74,7	74,7	74,7
≥ 20000	79,7	79,9	79,9	79,9	80,0	80,0	80,0	80,2	80,2	80,2	80,2	80,2	80,2	80,2	80,2	80,2
≥ 18000	80,1	80,6	80,2	80,3	80,3	80,3	80,4	80,5	80,5	80,5	80,5	80,5	80,6	80,6	80,6	80,6
≥ 16000	80,9	81,0	81,0	81,1	81,1	81,1	81,2	81,3	81,3	81,3	81,4	81,4	81,4	81,4	81,4	81,4
≥ 14000	82,6	82,6	82,8	82,8	82,9	82,9	82,9	83,1	83,1	83,1	83,1	83,1	83,1	83,1	83,1	83,1
≥ 12000	83,9	84,1	84,1	84,1	84,2	84,2	84,2	84,4	84,4	84,4	84,4	84,4	84,4	84,4	84,4	84,4
≥ 10000	84,8	85,0	85,0	85,0	85,0	85,0	85,1	85,2	85,2	85,2	85,3	85,3	85,3	85,3	85,3	85,3
≥ 9000	85,1	85,2	85,2	85,3	85,3	85,3	85,4	85,5	85,5	85,5	85,6	85,6	85,6	85,6	85,6	85,6
≥ 8000	85,3	85,6	85,6	85,7	85,7	85,7	85,8	85,9	85,9	85,9	86,0	86,0	86,0	86,0	86,0	86,0
≥ 7000	85,7	85,8	85,8	85,9	85,9	85,9	86,0	86,1	86,1	86,1	86,2	86,2	86,2	86,2	86,2	86,2
≥ 6000	86,8	87,0	87,0	87,0	87,1	87,1	87,1	87,3	87,3	87,3	87,3	87,3	87,3	87,3	87,3	87,3
≥ 5000	87,4	87,5	87,5	87,5	87,6	87,6	87,6	87,8	87,8	87,8	87,8	87,8	87,8	87,8	87,8	87,8
≥ 4500	87,7	87,8	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	88,1
≥ 4000	88,1	88,3	88,3	88,3	88,4	88,4	88,4	88,6	88,6	88,6	88,6	88,6	88,6	88,6	88,6	88,6
≥ 3500	88,9	89,4	89,4	89,4	89,5	89,5	89,6	89,7	89,7	89,7	89,8	89,8	89,8	89,8	89,8	89,8
≥ 3000	89,6	90,1	90,1	90,2	90,2	90,2	90,3	90,4	90,4	90,4	90,5	90,5	90,5	90,5	90,5	90,5
≥ 2500	90,0	90,6	90,6	90,6	90,7	90,7	90,8	91,0	91,0	91,0	91,0	91,0	91,0	91,0	91,0	91,0
≥ 2000	90,6	91,4	91,4	91,5	91,6	91,6	91,7	91,8	91,8	91,8	91,9	91,9	91,9	91,9	91,9	91,9
≥ 1800	90,8	91,6	91,7	91,8	91,9	91,9	92,0	92,1	92,1	92,1	92,2	92,2	92,2	92,2	92,2	92,2
≥ 1500	91,3	92,1	92,2	92,3	92,4	92,4	92,5	92,7	92,7	92,7	92,8	92,8	92,8	92,8	92,8	92,8
≥ 1200	91,8	92,5	92,6	92,7	92,8	92,8	92,9	93,1	93,1	93,2	93,2	93,2	93,2	93,2	93,2	93,2
≥ 1000	92,2	93,0	93,2	93,3	93,4	93,4	93,6	93,8	93,8	93,9	94,0	94,0	94,0	94,0	94,0	94,0
≥ 900	92,2	93,2	93,4	93,5	93,6	93,8	93,8	94,0	94,0	94,1	94,1	94,1	94,2	94,2	94,2	94,2
≥ 800	92,5	93,6	93,9	94,0	94,1	94,1	94,3	94,5	94,5	94,6	94,7	94,7	94,8	94,8	94,8	94,8
≥ 700	92,7	93,8	94,1	94,2	94,4	94,4	94,6	94,8	94,8	94,9	95,0	95,0	95,1	95,1	95,1	95,1
≥ 600	92,9	94,0	94,5	94,6	94,8	94,8	95,0	95,2	95,2	95,3	95,5	95,5	95,6	95,6	95,6	95,6
≥ 500	93,1	94,3	94,9	95,1	95,3	95,3	95,5	95,8	95,8	95,9	96,1	96,1	96,2	96,2	96,2	96,2
≥ 400	93,3	94,7	95,2	95,5	95,8	95,8	96,0	96,3	96,3	96,4	96,6	96,7	97,0	97,0	97,0	97,0
≥ 300	93,4	94,8	95,4	95,7	96,2	96,2	96,4	96,7	96,7	96,9	97,1	97,2	97,6	97,6	97,6	97,6
≥ 200	93,5	94,9	95,6	95,8	96,3	96,3	96,6	97,1	97,1	97,3	97,3	97,4	98,4	98,5	98,7	98,8
≥ 100	93,9	94,9	95,6	95,8	96,3	96,3	96,6	97,1	97,1	97,6	97,9	98,0	98,5	98,6	99,0	99,4
≥ 0	93,9	94,9	95,6	95,8	96,3	96,3	96,7	97,2	97,2	97,7	97,9	98,0	98,5	98,7	99,1	100,0

TOTAL NUMBER OF OBSERVATIONS 2167

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
5
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 47-49,49-68 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0400-0600 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6
≥ 20000	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.7
≥ 18000	75.0	75.1	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.5
≥ 16000	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.6	77.7
≥ 14000	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.4
≥ 12000	82.4	82.6	82.6	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	83.0
≥ 10000	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.2
≥ 9000	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.6	84.6	84.6	84.7	84.7	84.8	84.8
≥ 8000	84.7	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.1	85.1	85.1	85.2	85.2	85.3	85.4
≥ 7000	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	86.0	86.1
≥ 6000	86.3	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.8	86.8	86.9	87.0
≥ 5000	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.9	88.1
≥ 4500	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.2	88.3
≥ 4000	88.0	88.3	88.3	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.7	88.8	88.9
≥ 3500	88.3	88.6	88.6	88.7	88.7	88.7	88.7	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.1
≥ 3000	89.1	89.5	89.5	89.6	89.6	89.6	89.6	89.7	89.7	89.8	89.8	89.8	89.9	89.9	90.0	90.1
≥ 2500	89.4	89.8	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.3
≥ 2000	89.9	90.5	90.5	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9	91.0	91.1
≥ 1800	90.2	90.8	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.3	91.4
≥ 1500	90.3	91.2	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.8	91.9
≥ 1200	90.7	91.7	91.8	91.9	92.0	92.0	92.1	92.2	92.2	92.3	92.4	92.4	92.5	92.5	92.6	92.7
≥ 1000	91.2	92.0	92.2	92.3	92.4	92.5	92.7	92.7	92.7	92.8	93.0	93.0	93.1	93.1	93.2	93.3
≥ 900	91.4	92.3	92.5	92.7	92.7	92.8	93.0	93.1	93.1	93.2	93.3	93.3	93.4	93.4	93.5	93.6
≥ 800	91.7	92.7	93.0	93.3	93.3	93.4	93.6	93.7	93.7	93.8	94.0	94.0	94.2	94.2	94.3	94.4
≥ 700	91.7	92.7	93.2	93.4	93.5	93.6	93.8	94.0	94.0	94.1	94.3	94.3	94.5	94.5	94.5	94.6
≥ 600	91.7	92.9	93.3	93.6	93.8	93.8	94.1	94.3	94.3	94.4	94.6	94.6	94.8	94.8	94.9	95.0
≥ 500	91.8	93.1	93.6	94.2	94.4	94.5	94.8	95.1	95.1	95.2	95.3	95.3	95.7	95.8	95.9	96.0
≥ 400	91.9	93.3	93.9	94.3	94.8	95.0	95.4	95.7	95.7	96.0	96.3	96.3	96.8	96.8	97.0	97.1
≥ 300	91.9	93.3	93.9	94.5	95.2	95.4	95.9	96.3	96.3	96.6	97.1	97.1	97.5	97.6	98.1	98.2
≥ 200	91.9	93.3	93.9	94.6	95.4	95.6	96.1	96.4	96.4	96.9	97.4	97.4	98.1	98.2	98.6	99.0
≥ 100	91.9	93.3	93.9	94.6	95.4	95.6	96.1	96.4	96.4	96.9	97.4	97.4	98.2	98.3	98.8	99.4
0	91.9	93.3	93.9	94.6	95.4	95.6	96.1	96.4	96.4	96.9	97.4	97.4	98.2	98.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2164

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 42-47,49-66 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 20000	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 18000	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 16000	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 14000	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 12000	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 10000	85.3	85.5	85.5	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 9000	85.7	85.9	85.9	85.9	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 8000	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 7000	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 6000	87.6	87.8	87.8	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 5000	88.1	88.3	88.3	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4500	88.3	88.6	88.6	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4000	88.9	89.2	89.3	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3500	89.2	89.4	89.5	89.5	89.6	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000	89.9	90.1	90.2	90.2	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2500	90.4	90.7	90.7	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000	91.0	91.9	92.0	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	91.7	92.1	92.2	92.3	92.3	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1500	92.6	93.0	93.1	93.2	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	93.3	93.7	93.8	94.0	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	93.6	94.2	94.4	94.5	94.7	94.7	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	93.7	94.5	94.7	94.8	95.0	95.0	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	94.0	94.8	95.1	95.2	95.4	95.4	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	94.2	95.2	95.5	95.7	95.9	95.9	96.2	96.3	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600	94.3	95.3	95.8	96.0	96.2	96.3	96.5	96.7	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	94.3	95.7	96.1	96.5	96.8	96.9	97.2	97.4	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8
≥ 400	94.3	95.9	96.4	96.8	97.1	97.3	97.6	98.1	98.1	98.3	98.5	98.5	98.7	98.7	98.7	98.7
≥ 300	94.3	96.0	96.6	97.0	97.4	97.6	98.0	98.4	98.4	98.8	99.1	99.1	99.2	99.2	99.3	99.4
≥ 200	94.3	96.0	96.6	97.0	97.4	97.6	98.0	98.4	98.4	98.8	99.1	99.1	99.3	99.3	99.4	99.8
≥ 100	94.3	96.0	96.6	97.0	97.4	97.6	98.0	98.4	98.4	98.8	99.1	99.1	99.3	99.3	99.4	99.8
0	94.3	96.0	96.6	97.0	97.4	97.6	98.0	98.4	98.4	98.8	99.1	99.1	99.3	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 216

USAF ETAC FORM JUL 64 0-4-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
5 ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 COLORADO SPRINGS CO(S-PETERSON FO 42-47,49-68 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12,0[illegible]0
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1½	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 20000	75.9	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 18000	77.0	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 16000	77.9	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 14000	80.4	80.6	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
≥ 12000	82.7	83.1	83.1	83.1	83.1	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 10000	83.9	84.4	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 9000	85.6	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4
≥ 8000	86.9	87.5	87.5	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
≥ 7000	88.1	88.6	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 6000	89.0	89.7	89.7	89.7	89.7	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 5000	89.9	90.6	90.6	90.6	90.6	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 4500	90.1	91.0	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	91.2
≥ 4000	90.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	91.1	92.1	92.1	92.1	92.1	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	92.0	92.9	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2500	92.2	93.2	93.2	93.2	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2000	92.9	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1800	93.1	94.3	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1500	93.1	93.4	95.6	95.6	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200	94.9	96.2	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	95.3	96.8	97.0	97.1	97.1	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 900	95.4	96.9	97.1	97.2	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 800	95.6	97.3	97.5	97.6	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 700	95.7	97.4	97.6	97.8	97.8	97.8	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	95.7	97.6	97.9	98.0	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.6	98.6
≥ 500	95.7	97.8	98.1	98.2	98.3	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	99.0	99.0
≥ 400	95.7	97.8	98.1	98.4	98.5	98.6	98.8	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.3	99.3
≥ 300	95.8	97.9	98.2	98.5	98.7	98.8	99.0	99.1	99.1	99.3	99.4	99.4	99.5	99.5	99.6	99.7
≥ 200	95.8	97.9	98.2	98.5	98.7	98.8	99.1	99.1	99.1	99.4	99.5	99.5	99.6	99.6	99.7	99.9
≥ 100	95.8	97.9	98.2	98.5	98.7	98.8	99.1	99.1	99.1	99.4	99.5	99.5	99.6	99.6	99.7	100.0
0	95.8	97.9	98.2	98.5	98.7	98.8	99.1	99.1	99.1	99.4	99.5	99.5	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2169

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

5

CEILING VERSUS VISIBILITY

93037 COLORADO SPRINGS COLO-PETERSON FD 42-47,49-58 JUL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	58.3	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 20000	73.0	73.2	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 18000	74.0	74.3	74.3	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
≥ 16000	75.7	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 14000	77.6	78.1	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 12000	80.0	80.3	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 10000	81.2	81.5	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 9000	82.9	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 8000	85.8	86.1	86.1	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
≥ 7000	87.3	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 6000	88.8	89.1	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 5000	90.0	90.4	90.5	90.5	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4500	90.5	91.0	91.1	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000	91.3	91.8	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3500	91.8	92.5	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3000	92.6	93.3	93.4	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	93.4	94.2	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000	94.0	94.8	95.0	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	94.1	94.9	95.2	95.3	95.3	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500	94.9	95.8	96.0	96.2	96.2	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200	95.2	96.3	96.5	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
≥ 1000	95.3	96.9	97.1	97.4	97.5	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	95.3	96.9	97.3	97.6	97.8	97.8	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	95.3	97.0	97.4	97.7	97.8	97.8	98.0	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	95.6	97.0	97.4	97.7	97.9	97.9	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	95.6	97.2	97.6	98.0	98.1	98.1	98.2	98.4	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8
≥ 500	95.6	97.3	97.7	98.1	98.3	98.3	98.4	98.6	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0
≥ 400	95.8	97.3	97.9	98.3	98.5	98.5	98.7	98.9	98.9	99.0	99.3	99.3	99.3	99.4	99.4	99.4
≥ 300	95.8	97.3	97.9	98.4	98.7	98.7	98.8	99.1	99.1	99.2	99.5	99.5	99.5	99.6	99.6	99.7
≥ 200	95.8	97.4	97.9	98.5	98.7	98.7	98.8	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.9
≥ 100	95.8	97.4	97.9	98.5	98.8	98.8	98.9	99.2	99.3	99.4	99.7	99.8	99.8	99.8	99.8	100.0
≥ 0	95.8	97.4	97.9	98.5	98.8	98.8	98.9	99.2	99.3	99.4	99.7	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2167

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

5

CEILING VERSUS VISIBILITY

93037 COLORADO SPRINGS COLO-PETERSON FD 47-49 YEARS JLY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-24 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 20000	76.7	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 18000	77.0	77.2	77.2	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5
≥ 16000	78.1	78.3	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6
≥ 14000	79.9	80.1	80.1	80.2	80.2	80.2	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5
≥ 12000	82.7	82.4	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 10000	83.4	83.6	83.6	83.6	83.7	83.7	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 9000	84.3	84.7	84.7	84.8	84.8	84.8	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 8000	86.1	86.4	86.4	86.4	86.4	86.4	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7
≥ 7000	87.1	87.3	87.3	87.4	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 6000	87.7	88.0	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
≥ 5000	89.1	89.4	89.4	89.5	89.5	89.5	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500	89.8	90.2	90.2	90.3	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4000	90.5	91.1	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3500	91.1	91.9	91.9	92.0	92.1	92.1	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	92.1	92.9	93.0	93.1	93.1	93.1	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	92.9	93.9	94.0	94.1	94.1	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	93.6	94.7	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800	93.9	95.0	95.2	95.3	95.4	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500	94.7	95.9	96.1	96.3	96.4	96.4	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	94.9	96.4	96.6	96.8	96.9	96.9	97.0	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	95.1	96.7	97.0	97.1	97.4	97.4	97.5	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	95.2	96.8	97.1	97.3	97.5	97.5	97.6	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	95.2	96.9	97.1	97.4	97.6	97.6	97.7	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	95.2	97.0	97.2	97.5	97.7	97.7	97.8	97.9	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	95.4	97.1	97.4	97.6	97.9	97.9	98.0	98.2	98.2	98.3	98.5	98.5	98.5	98.6	98.6	98.6
≥ 500	95.4	97.1	97.4	97.6	97.9	97.9	98.0	98.2	98.2	98.3	98.5	98.5	98.6	98.6	98.6	98.6
≥ 400	95.4	97.1	97.5	97.7	98.0	98.0	98.1	98.2	98.2	98.4	98.6	98.6	98.8	98.8	98.8	98.8
≥ 300	95.4	97.1	97.5	97.8	98.0	98.0	98.2	98.3	98.3	98.4	98.7	98.7	99.0	99.1	99.1	99.1
≥ 200	95.4	97.2	97.6	97.9	98.2	98.2	98.4	98.5	98.5	98.5	98.7	98.7	99.2	99.3	99.6	99.6
≥ 100	95.4	97.2	97.7	98.1	98.3	98.4	98.6	98.7	98.7	99.0	99.3	99.3	99.8	99.9	99.9	99.9
≥ 0	95.4	97.2	97.7	98.1	98.3	98.4	98.6	98.7	98.7	99.0	99.3	99.3	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2169

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93047 COLORADO SPRINGS COLO-PETERSON FD 42-47,49-64 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES): ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	73,9	73,8	73,8	73,9	73,9	73,9	73,9	74,0	74,0	74,0	74,0	74,0	74,0	74,0	74,0	74,0
≥ 20000	79,0	79,4	79,4	79,5	79,5	79,6	79,6	79,7	79,7	79,7	79,7	79,7	79,7	79,7	79,7	79,7
≥ 18000	79,9	79,9	80,0	80,1	80,1	80,1	80,1	80,2	80,2	80,3	80,3	80,3	80,3	80,3	80,3	80,3
≥ 16000	80,6	81,0	81,1	81,2	81,2	81,2	81,2	81,3	81,3	81,4	81,4	81,4	81,4	81,4	81,4	81,4
≥ 14000	81,4	81,8	81,9	82,0	82,0	82,0	82,0	82,1	82,1	82,2	82,2	82,2	82,2	82,2	82,2	82,2
≥ 12000	83,3	83,8	83,7	83,8	83,8	83,9	83,9	84,0	84,0	84,0	84,0	84,0	84,0	84,0	84,0	84,0
≥ 10000	84,2	84,6	84,7	84,7	84,7	84,8	84,8	84,9	84,9	84,9	84,9	84,9	84,9	84,9	84,9	84,9
≥ 9000	84,7	85,1	85,2	85,3	85,3	85,3	85,3	85,4	85,4	85,4	85,4	85,4	85,4	85,4	85,4	85,4
≥ 8000	85,4	85,8	85,9	85,9	85,9	86,0	86,0	86,1	86,1	86,1	86,1	86,1	86,1	86,1	86,1	86,1
≥ 7000	86,0	86,4	86,5	86,5	86,5	86,6	86,6	86,7	86,7	86,7	86,7	86,7	86,7	86,7	86,7	86,7
≥ 6000	86,6	87,0	87,1	87,1	87,1	87,2	87,2	87,3	87,3	87,3	87,3	87,3	87,3	87,3	87,3	87,3
≥ 5000	87,3	87,9	88,0	88,1	88,1	88,1	88,1	88,2	88,2	88,2	88,2	88,2	88,2	88,2	88,2	88,2
≥ 4500	88,2	88,6	88,7	88,8	88,8	88,8	88,8	88,9	88,9	89,0	89,0	89,0	89,0	89,0	89,0	89,0
≥ 4000	88,9	89,3	89,4	89,5	89,5	89,6	89,6	89,7	89,7	89,7	89,7	89,7	89,7	89,7	89,7	89,7
≥ 3500	90,0	90,4	90,6	90,6	90,6	90,7	90,7	90,8	90,8	90,8	90,8	90,8	90,8	90,8	90,8	90,8
≥ 3000	90,7	91,2	91,3	91,4	91,4	91,5	91,5	91,6	91,6	91,6	91,6	91,6	91,6	91,6	91,6	91,6
≥ 2500	91,3	91,8	91,9	92,0	92,0	92,0	92,0	92,1	92,1	92,2	92,2	92,2	92,2	92,2	92,2	92,2
≥ 2000	92,2	92,9	93,1	93,2	93,2	93,3	93,3	93,4	93,4	93,4	93,4	93,4	93,4	93,4	93,4	93,4
≥ 1800	92,5	93,2	93,6	93,7	93,7	93,8	93,8	93,9	93,9	94,0	94,0	94,0	94,0	94,0	94,0	94,0
≥ 1500	92,9	93,9	94,2	94,3	94,4	94,4	94,4	94,5	94,6	94,7	94,7	94,7	94,7	94,7	94,7	94,7
≥ 1200	93,0	94,7	95,1	95,3	95,4	95,4	95,4	95,5	95,6	95,7	95,7	95,7	95,7	95,7	95,7	95,7
≥ 1000	93,7	95,0	95,4	95,6	95,6	95,8	95,9	95,9	96,0	96,1	96,1	96,1	96,1	96,1	96,1	96,1
≥ 900	93,9	95,2	95,6	95,8	96,0	96,0	96,0	96,2	96,2	96,4	96,4	96,4	96,4	96,4	96,4	96,4
≥ 800	93,9	95,3	95,6	95,9	96,0	96,1	96,1	96,3	96,3	96,5	96,5	96,5	96,5	96,5	96,5	96,5
≥ 700	93,9	95,3	95,7	95,9	96,1	96,2	96,2	96,4	96,4	96,6	96,6	96,6	96,6	96,6	96,6	96,6
≥ 600	94,1	95,6	96,0	96,3	96,5	96,5	96,5	96,7	96,7	96,9	97,1	97,1	97,1	97,1	97,1	97,1
≥ 500	94,2	95,8	96,2	96,5	96,9	96,9	97,0	97,1	97,2	97,3	97,6	97,6	97,7	97,7	97,7	97,7
≥ 400	94,4	96,1	96,6	96,9	97,3	97,3	97,4	97,6	97,6	98,0	98,1	98,1	98,2	98,2	98,2	98,2
≥ 300	94,9	96,3	96,7	97,1	97,5	97,6	97,6	97,8	97,9	98,2	98,3	98,3	98,6	98,6	98,6	98,6
≥ 200	94,9	96,3	96,8	97,1	97,6	97,7	97,8	98,1	98,1	98,5	98,7	98,7	98,9	98,9	98,9	98,9
≥ 100	94,5	96,5	96,9	97,2	97,8	97,8	97,9	98,2	98,2	98,7	98,9	98,9	99,3	99,4	99,4	99,3
0	94,5	96,5	96,9	97,2	97,8	97,8	97,9	98,2	98,2	98,7	98,9	98,9	99,4	99,4	99,6	100,0

TOTAL NUMBER OF OBSERVATIONS 2170

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FI (STATION NAME) 42-47-48-49 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	66.6	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0
≥ 20000	76.8	76.8	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 18000	77.5	77.5	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.9	77.9	77.9	77.9
≥ 16000	78.6	78.6	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 14000	80.6	80.9	80.9	80.9	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2
≥ 12000	82.7	83.0	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3
≥ 10000	83.9	84.1	84.2	84.2	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5
≥ 9000	84.6	84.9	84.9	84.9	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2
≥ 8000	85.8	86.0	86.1	86.1	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4
≥ 7000	86.2	86.8	86.9	86.9	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 6000	87.4	87.7	87.8	87.8	87.8	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 5000	88.3	88.7	88.7	88.8	88.8	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4500	88.7	89.1	89.2	89.2	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5
≥ 4000	89.3	89.8	89.8	89.9	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2
≥ 3500	89.9	90.4	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000	90.7	91.3	91.3	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7
≥ 2500	91.9	91.9	91.9	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3
≥ 2000	92.0	92.7	92.9	92.9	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1800	92.2	93.0	93.1	93.2	93.3	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6
≥ 1500	92.9	93.7	93.9	94.0	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4
≥ 1200	93.6	94.3	94.5	94.7	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1
≥ 1000	93.7	94.8	95.0	95.2	95.4	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 900	93.8	95.0	95.2	95.4	95.5	95.6	95.7	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.1
≥ 800	93.9	95.2	95.5	95.7	95.8	95.9	96.0	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 700	94.0	95.3	95.6	95.9	96.0	96.1	96.2	96.3	96.4	96.5	96.6	96.6	96.6	96.6	96.7	96.7
≥ 600	94.2	95.5	95.9	96.2	96.3	96.4	96.5	96.7	96.7	96.8	97.0	97.0	97.0	97.0	97.1	97.1
≥ 500	94.2	95.7	96.1	96.4	96.7	96.7	96.9	97.1	97.1	97.3	97.4	97.5	97.5	97.6	97.6	97.6
≥ 400	94.3	95.9	96.4	96.7	97.0	97.1	97.3	97.5	97.5	97.6	98.0	98.0	98.1	98.2	98.2	98.2
≥ 300	94.4	96.0	96.5	96.9	97.3	97.4	97.6	97.8	97.9	98.1	98.4	98.4	98.6	98.6	98.7	98.8
≥ 200	94.4	96.1	96.6	97.0	97.4	97.5	97.7	98.0	98.1	98.4	98.7	98.7	99.0	99.0	99.1	99.3
≥ 100	94.4	96.1	96.6	97.0	97.4	97.5	97.8	98.1	98.1	98.4	98.7	98.7	99.1	99.2	99.4	99.7
0	94.4	96.1	96.6	97.0	97.4	97.5	97.8	98.1	98.1	98.5	98.7	98.8	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 17341

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 CHEYENNE SPRINGS COLO-PETERSON FLD 47-49,52-66 ANN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300 10
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	67.7	67.8	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 20000	76.9	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0
≥ 18000	77.3	77.6	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9
≥ 16000	78.8	79.1	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5
≥ 14000	81.2	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.9	81.8
≥ 12000	82.8	83.2	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6
≥ 10000	83.8	84.2	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6
≥ 9000	84.4	84.7	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1
≥ 8000	84.8	85.2	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6
≥ 7000	85.2	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0
≥ 6000	85.9	85.9	86.0	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4
≥ 5000	86.2	86.7	86.8	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4500	86.8	87.5	87.5	87.7	87.8	87.8	87.9	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4000	87.4	88.2	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.7	88.7
≥ 3500	87.9	88.9	89.0	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3000	88.3	89.5	89.7	89.9	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.2	90.2
≥ 2500	89.0	90.1	90.3	90.6	90.8	90.8	90.8	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.1	91.1
≥ 2000	89.4	90.7	90.9	91.3	91.4	91.4	91.5	91.5	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.8
≥ 1800	89.6	90.9	91.2	91.6	91.7	91.7	91.9	91.9	91.9	92.1	92.1	92.1	92.2	92.2	92.2	92.2
≥ 1500	90.1	91.7	91.9	92.4	92.6	92.6	92.8	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.2	93.2
≥ 1200	90.4	92.0	92.4	92.8	93.0	93.0	93.3	93.4	93.4	93.6	93.6	93.6	93.7	93.7	93.8	93.8
≥ 1000	90.8	92.5	92.8	93.3	93.5	93.5	93.8	93.9	93.9	94.1	94.2	94.2	94.4	94.4	94.4	94.4
≥ 900	90.8	92.6	92.9	93.4	93.7	93.7	93.9	94.1	94.1	94.3	94.4	94.4	94.7	94.7	94.7	94.7
≥ 800	91.1	92.9	93.2	93.7	94.0	94.0	94.2	94.4	94.4	94.7	94.8	94.8	95.0	95.0	95.1	95.1
≥ 700	91.1	93.0	93.3	93.8	94.1	94.1	94.4	94.6	94.6	94.8	94.9	94.9	95.3	95.3	95.3	95.3
≥ 600	91.1	93.0	93.4	94.0	94.3	94.4	94.8	94.9	94.9	95.2	95.3	95.3	95.7	95.7	95.8	
≥ 500	91.1	93.1	93.6	94.1	94.5	94.6	95.0	95.2	95.2	95.6	95.7	95.7	96.0	96.0	96.1	96.1
≥ 400	91.1	93.3	93.8	94.4	94.8	94.9	95.3	95.5	95.5	95.9	96.0	96.0	96.3	96.3	96.4	96.4
≥ 300	91.2	93.4	93.9	94.6	95.0	95.2	95.7	96.0	96.0	96.4	96.6	96.6	97.1	97.1	97.1	97.2
≥ 200	91.3	93.6	94.1	94.8	95.2	95.4	95.9	96.3	96.3	96.7	97.2	97.2	97.7	97.7	97.9	98.0
≥ 100	91.4	93.7	94.2	94.9	95.3	95.5	96.0	96.4	96.5	96.9	97.4	97.4	97.9	97.9	98.4	99.1
0	91.4	93.7	94.2	94.9	95.3	95.5	96.0	96.4	96.5	96.9	97.4	97.4	98.0	98.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2098

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

5

CEILING VERSUS VISIBILITY

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 42-47,49-66 YEARS | V MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0600 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	67.6	67.8	67.8	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 20000	75.6	75.9	75.9	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 18000	76.8	77.0	77.1	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
≥ 16000	78.2	78.5	78.5	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0
≥ 14000	81.3	81.6	81.6	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.0	82.0	82.0	82.0	82.0
≥ 12000	83.2	83.5	83.5	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0
≥ 10000	84.2	84.5	84.6	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 9000	84.6	84.9	85.0	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 8000	85.2	85.5	85.6	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 7000	85.7	86.0	86.0	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 6000	86.1	86.5	86.5	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0
≥ 5000	86.5	86.9	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4500	86.8	87.1	87.2	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7
≥ 4000	87.2	87.7	87.7	88.0	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3500	87.7	88.2	88.4	88.7	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000	88.4	89.0	89.2	89.5	89.6	89.7	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	88.9	89.7	89.9	90.3	90.4	90.5	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	91.0
≥ 2000	89.4	90.5	90.9	91.3	91.4	91.5	91.7	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1800	89.9	91.0	91.3	91.8	91.9	92.0	92.1	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1500	90.1	91.3	91.7	92.1	92.2	92.3	92.5	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200	90.1	91.4	91.8	92.3	92.4	92.4	92.7	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.4
≥ 1000	90.2	91.5	91.9	92.4	92.5	92.5	92.8	93.1	93.2	93.4	93.5	93.5	93.6	93.6	93.6	93.7
≥ 900	90.5	91.3	92.1	92.7	92.8	92.8	93.1	93.4	93.5	93.7	93.9	93.9	94.0	94.0	94.0	94.0
≥ 800	90.8	92.1	92.5	93.0	93.1	93.2	93.5	93.9	94.0	94.2	94.5	94.5	94.6	94.6	94.6	94.7
≥ 700	90.9	92.2	92.6	93.2	93.3	93.4	93.7	94.1	94.2	94.4	94.8	94.8	94.9	94.9	94.9	95.0
≥ 600	91.0	92.4	92.9	93.5	93.6	93.7	94.0	94.3	94.6	94.8	95.2	95.2	95.4	95.4	95.4	95.5
≥ 500	91.1	92.7	93.2	93.9	94.0	94.0	94.3	94.9	95.0	95.2	95.6	95.6	95.8	95.8	95.8	96.0
≥ 400	91.3	92.9	93.5	94.1	94.2	94.3	94.3	95.2	95.3	95.6	96.0	96.0	96.2	96.2	96.2	96.4
≥ 300	91.3	93.0	93.6	94.3	94.5	94.6	95.1	95.6	95.7	96.0	96.4	96.4	96.7	96.7	96.7	96.8
≥ 200	91.4	93.2	93.8	94.5	94.8	95.0	95.6	96.1	96.2	96.5	97.2	97.2	97.8	97.8	97.9	98.3
≥ 100	91.4	93.2	93.8	94.5	94.8	95.0	95.6	96.1	96.2	96.6	97.2	97.2	98.0	98.0	98.2	99.3
≥ 0	91.4	93.2	93.8	94.5	94.8	95.0	95.6	96.1	96.2	96.6	97.3	97.3	98.1	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2160

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 COLORADO SPRINGS CO(MUNICIPAL AP) 42-47,49-56 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00-03,20
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0
≥ 20000	69.5	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 18000	71.2	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 16000	74.2	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 14000	78.9	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 12000	81.3	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 10000	83.2	83.7	83.7	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
≥ 9000	83.9	84.0	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	84.1
≥ 8000	84.2	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 7000	84.7	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	85.5
≥ 6000	85.9	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	86.2
≥ 5000	86.4	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	87.1	87.2
≥ 4500	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	87.3	87.3	87.3
≥ 4000	86.7	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7
≥ 3500	87.1	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2
≥ 3000	87.9	88.7	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2
≥ 2500	89.5	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.9	89.9	89.9
≥ 2000	89.1	90.0	90.2	90.3	90.4	90.5	90.7	90.8	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0
≥ 1800	89.2	90.1	90.2	90.3	90.5	90.5	90.7	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.2
≥ 1500	89.8	90.	91.0	91.1	91.3	91.3	91.6	91.8	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.2
≥ 1200	90.3	91.4	91.5	91.6	91.8	91.9	92.2	92.3	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.8
≥ 1000	90.8	92.1	92.2	92.3	92.6	92.7	93.1	93.3	93.4	93.6	93.8	93.8	93.8	93.9	93.9	93.9
≥ 900	90.9	92.3	92.5	92.5	92.8	93.0	93.6	93.8	93.9	94.2	94.5	94.5	94.5	94.5	94.5	94.6
≥ 800	91.1	92.6	92.8	92.9	93.2	93.3	93.9	94.2	94.3	94.6	94.8	94.8	94.8	94.9	94.9	95.0
≥ 700	91.5	92.9	93.2	93.4	93.7	93.8	94.5	94.6	94.8	95.1	95.4	95.4	95.4	95.5	95.5	95.6
≥ 600	91.6	93.1	93.3	93.6	93.8	94.1	94.8	95.1	95.2	95.4	95.9	95.9	95.9	96.0	96.0	96.1
≥ 500	91.7	93.4	93.7	94.0	94.3	94.5	95.3	95.6	95.7	96.0	96.6	96.6	96.7	96.8	96.8	96.9
≥ 400	91.7	93.5	93.8	94.2	94.5	94.8	95.6	95.9	96.0	96.4	97.0	97.0	97.1	97.2	97.2	97.3
≥ 300	91.7	93.5	93.9	94.3	94.7	95.0	95.9	96.2	96.3	96.8	97.4	97.4	97.6	97.8	97.9	98.1
≥ 200	91.7	93.5	93.9	94.3	94.7	95.0	96.0	96.4	96.5	97.0	97.7	97.7	97.9	98.1	98.3	98.7
≥ 100	91.7	93.5	93.9	94.3	94.7	95.0	96.1	96.5	96.6	97.1	97.7	97.7	98.1	98.4	98.7	99.3
0	91.7	93.5	93.9	94.3	94.7	95.0	96.1	96.5	96.6	97.1	97.7	97.7	98.1	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2097

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

5

CEILING VERSUS VISIBILITY

93037 COLORADO SPRINGS COLO-PETERSON FD 62-67,72-76 ANNUAL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0700-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 20000	71.5	71.6	71.7	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
≥ 18000	72.8	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	73.1	73.1
≥ 16000	75.7	75.8	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	76.0
≥ 14000	79.6	79.7	79.8	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
≥ 12000	82.7	82.8	83.1	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 10000	83.9	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 9000	83.9	84.1	84.4	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
≥ 8000	84.3	84.9	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 7000	84.9	85.3	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 6000	85.4	85.6	86.0	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 5000	85.8	86.1	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4500	86.1	86.6	87.0	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
≥ 4000	86.9	87.4	87.8	87.9	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3500	87.3	87.9	88.2	88.3	88.4	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3000	88.3	88.9	89.3	89.4	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2500	89.9	89.9	89.9	90.0	90.0	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2000	89.7	90.3	90.8	90.9	91.0	91.0	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800	89.9	90.5	91.0	91.0	91.1	91.2	91.5	91.5	91.5	91.6	91.5	91.6	91.6	91.6	91.6	91.6
≥ 1500	90.3	91.1	91.6	91.8	91.9	92.0	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1200	90.6	91.6	92.0	92.2	92.3	92.5	92.8	92.9	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	90.9	92.0	92.6	92.9	93.1	93.3	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 900	91.1	92.4	93.0	93.3	93.5	93.7	94.1	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.6	94.6
≥ 800	91.2	92.7	93.3	93.8	94.0	94.2	94.7	95.0	95.0	95.1	95.4	95.4	95.4	95.4	95.4	95.5
≥ 700	91.5	93.0	93.8	94.2	94.5	94.7	95.2	95.6	95.7	95.9	96.2	96.2	96.2	96.2	96.3	96.3
≥ 600	91.6	93.1	93.9	94.3	94.8	95.0	95.5	96.0	96.0	96.3	96.7	96.7	96.7	96.8	96.9	96.9
≥ 500	91.7	93.3	94.1	94.5	95.0	95.2	95.8	96.3	96.4	96.8	97.3	97.4	97.5	97.6	97.7	97.7
≥ 400	91.7	93.4	94.2	94.6	95.1	95.3	96.0	96.5	96.6	97.0	97.6	97.6	97.8	97.9	98.0	98.1
≥ 300	91.7	93.4	94.2	94.8	95.3	95.5	96.2	96.8	96.9	97.3	98.0	98.0	98.3	98.5	98.8	99.0
≥ 200	91.7	93.4	94.2	94.8	95.3	95.5	96.3	96.9	97.0	97.5	98.2	98.2	98.8	98.9	99.2	99.4
≥ 100	91.7	93.4	94.2	94.9	95.3	95.5	96.3	96.9	97.0	97.5	98.2	98.3	98.9	98.9	99.2	99.8
≥ 0	91.7	93.4	94.2	94.8	95.3	95.5	96.3	96.9	97.0	97.5	98.2	98.3	98.9	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2100

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 COLORADO SPRINGS (OLD)-PETERSO, CO 47-67,69-08 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12(06-18 LST) HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 20000	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 18000	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9
≥ 16000	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 14000	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6
≥ 12000	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6
≥ 10000	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6
≥ 9000	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 8000	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	85.7
≥ 7000	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6
≥ 6000	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8
≥ 5000	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	88.5	88.5	88.6
≥ 4500	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2
≥ 4000	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1
≥ 3500	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8
≥ 3000	91.5	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0
≥ 2500	91.7	92.3	92.3	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6
≥ 2000	92.3	93.1	93.2	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6
≥ 1800	92.4	93.2	93.3	93.4	93.5	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8
≥ 1500	92.5	93.4	93.5	93.7	93.8	93.8	93.9	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.3
≥ 1250	93.0	94.2	94.4	94.6	94.7	94.7	94.9	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.3
≥ 1000	93.1	94.6	94.8	95.0	95.3	95.3	95.5	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	96.0
≥ 900	93.2	94.8	95.0	95.3	95.5	95.6	95.9	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.4
≥ 800	93.2	94.8	95.0	95.3	95.7	95.7	96.1	96.3	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.7
≥ 700	93.4	94.8	95.1	95.5	95.9	95.9	96.3	96.6	96.6	96.8	96.9	96.9	96.9	96.9	96.9	97.0
≥ 600	93.3	94.9	95.2	95.6	96.0	96.0	96.4	96.5	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.2
≥ 500	93.6	94.9	95.4	95.8	96.2	96.2	96.7	97.0	97.0	97.2	97.4	97.4	97.5	97.5	97.6	97.6
≥ 400	93.9	95.0	95.6	96.1	96.6	96.6	97.0	97.4	97.4	97.6	98.0	98.0	98.3	98.3	98.4	98.5
≥ 300	93.9	95.1	95.7	96.2	96.8	96.9	97.4	97.7	97.8	98.0	98.2	98.2	98.3	98.3	98.4	98.5
≥ 200	93.9	95.2	95.9	96.4	97.0	97.0	97.6	98.0	98.0	98.3	98.9	98.9	99.3	99.3	99.5	99.7
≥ 100	93.9	95.2	95.9	96.4	97.0	97.0	97.6	98.0	98.0	98.3	98.9	98.9	99.3	99.3	99.5	99.7
≥ 0	93.9	95.2	95.9	96.4	97.0	97.0	97.6	98.0	98.0	98.3	98.9	98.9	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2099

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

23037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 62-67,69-76 (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

(HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	>5/16	≥¼	≥0
NO CEILING	51.7	52.0	52.1	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 20000	72.6	72.8	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 18000	73.9	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	74.1	74.1
≥ 16000	76.0	76.2	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 14000	80.0	80.1	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5
≥ 12000	83.1	83.3	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 10000	84.5	84.7	84.8	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
≥ 9000	85.0	85.2	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 8000	86.0	86.2	86.3	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
≥ 7000	87.0	87.2	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 6000	88.1	88.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 5000	89.0	89.2	89.3	89.5	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4500	89.3	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000	90.3	90.5	90.6	90.8	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	90.9	91.0	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3000	91.6	91.9	92.1	92.4	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2500	92.0	92.5	92.6	93.1	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	92.8	93.3	93.6	94.0	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1800	92.7	93.6	93.9	94.2	94.4	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1500	92.9	93.7	94.0	94.4	94.6	94.6	94.7	94.7	94.7	94.9	94.9	94.9	94.9	95.0	95.0	95.0
≥ 1200	92.9	93.9	94.3	94.7	95.0	95.0	95.2	95.3	95.3	95.5	95.5	95.5	95.6	95.6	95.6	95.6
≥ 1000	93.2	94.2	94.6	95.0	95.3	95.3	95.5	95.6	95.7	95.9	95.9	95.9	95.9	96.0	96.0	96.0
≥ 900	93.2	94.4	94.8	95.2	95.5	95.5	95.8	95.9	95.9	96.1	96.2	96.2	96.2	96.3	96.3	96.3
≥ 800	93.3	94.5	94.9	95.4	95.8	95.8	96.0	96.2	96.2	96.4	96.5	96.6	96.6	96.7	96.7	96.7
≥ 700	93.3	94.6	95.1	95.7	96.1	96.1	96.4	96.5	96.6	96.8	96.9	97.0	97.0	97.1	97.1	97.1
≥ 600	93.4	94.7	95.3	96.0	96.5	96.6	96.9	97.2	97.2	97.5	97.7	97.8	97.8	97.9	97.9	97.9
≥ 500	93.4	94.9	95.5	96.3	96.8	96.9	97.2	97.5	97.6	97.9	98.1	98.2	98.3	98.4	98.4	98.4
≥ 400	93.5	94.9	95.7	96.5	96.9	97.0	97.4	97.7	97.7	98.0	98.3	98.4	98.5	98.6	98.6	98.6
≥ 300	93.5	94.9	95.7	96.5	96.9	97.0	97.4	97.8	97.8	98.1	98.4	98.5	98.7	98.8	98.8	98.8
≥ 200	93.5	95.0	95.7	96.5	96.9	97.0	97.6	97.9	98.0	98.2	98.5	98.6	98.9	98.9	99.1	99.2
≥ 100	93.5	95.0	95.7	96.5	96.9	97.0	97.6	97.9	98.0	98.2	98.6	98.6	98.9	99.0	99.1	99.2
≥ 0	93.5	95.0	95.7	96.5	96.9	97.0	97.6	97.9	98.0	98.2	98.6	98.6	99.0	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2095

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

5

CEILING VERSUS VISIBILITY

93037 (COLORADO SPRINGS LOLO-PETERSON FD) (42-47,49-68) YEARS (ALL) MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

(1900-2100) HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.9	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 20000	74.3	74.6	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
≥ 18000	75.3	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 16000	77.2	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 14000	79.9	80.5	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 12000	82.3	83.1	83.3	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
≥ 10000	83.8	84.5	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 9000	84.1	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 8000	84.9	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	85.8
≥ 7000	85.6	86.3	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	86.6
≥ 6000	86.1	86.7	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
≥ 5000	87.0	87.6	87.8	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
≥ 4500	87.8	88.5	88.7	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
≥ 4000	88.7	89.4	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
≥ 3500	89.9	90.3	90.6	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
≥ 3000	90.3	91.3	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
≥ 2500	91.0	92.2	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	91.9	92.8	93.3	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1200	91.8	93.0	93.5	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	92.1	93.4	93.8	94.1	94.3	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	92.3	93.6	94.2	94.5	94.8	94.8	95.1	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	92.7	94.3	94.8	95.1	95.4	95.4	95.7	95.9	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	92.8	94.5	95.0	95.3	95.6	95.6	95.9	96.0	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	92.9	94.9	95.5	95.8	96.0	96.1	96.4	96.6	96.6	96.9	97.1	97.1	97.2	97.2	97.2	97.2
≥ 700	92.9	95.0	95.5	95.9	96.1	96.2	96.5	96.7	96.7	97.0	97.2	97.2	97.3	97.3	97.3	97.3
≥ 600	93.0	95.2	95.8	96.1	96.4	96.4	96.8	96.9	96.9	97.2	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	93.0	95.3	95.8	96.2	96.4	96.5	96.8	97.0	97.0	97.4	97.7	97.7	97.8	97.8	97.8	97.8
≥ 400	93.1	95.3	95.9	96.3	96.5	96.6	96.9	97.1	97.1	97.5	97.8	97.8	97.9	97.9	97.9	97.9
≥ 300	93.2	95.4	96.0	96.4	96.7	96.8	97.1	97.3	97.3	97.8	98.0	98.0	98.3	98.3	98.3	98.3
≥ 200	93.3	95.5	96.1	96.5	96.8	96.9	97.3	97.5	97.5	97.9	98.2	98.2	98.6	98.6	98.6	98.7
≥ 100	93.3	95.9	96.1	96.5	96.8	96.9	97.3	97.5	97.5	98.0	98.3	98.3	98.7	98.7	99.0	99.3
0	93.3	95.9	96.1	96.5	96.8	96.9	97.3	97.5	97.5	98.0	98.3	98.3	98.8	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2097

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

5

CEILING VERSUS VISIBILITY

93037 COLORADO SPRINGS COLO-PETERSON FD 42-47,49-58 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21-24 LST
HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	68.3	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 20000	77.0	77.6	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 18000	77.9	78.0	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 16000	80.9	80.8	80.8	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
≥ 14000	82.3	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 12000	84.1	84.0	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 10000	85.0	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 9000	85.4	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 8000	85.8	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 7000	85.9	86.7	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 6000	86.6	87.4	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 5000	87.2	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4500	87.7	88.6	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4000	88.2	89.2	89.3	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3500	88.9	90.0	90.1	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3000	89.4	90.5	90.9	91.1	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	89.7	91.3	91.6	91.8	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2000	90.2	92.1	92.5	92.7	92.9	92.9	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1800	90.3	92.1	92.5	92.7	92.9	93.0	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	90.9	92.9	93.3	93.5	93.7	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200	91.3	93.4	93.8	94.0	94.3	94.4	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000	91.4	93.5	93.9	94.2	94.5	94.6	94.9	95.0	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	91.5	93.6	94.0	94.3	94.6	94.7	95.0	95.2	95.2	95.5	95.6	95.6	95.6	95.6	95.6	95.6
≥ 800	91.5	93.6	94.0	94.4	94.7	94.8	95.3	95.5	95.5	95.8	96.0	96.0	96.0	96.0	96.0	96.1
≥ 700	91.5	93.9	94.4	94.7	95.0	95.1	95.7	95.9	95.9	96.2	96.4	96.4	96.5	96.5	96.5	96.5
≥ 600	91.7	94.2	94.8	94.9	95.3	95.4	95.9	96.1	96.1	96.5	96.7	96.7	96.8	96.8	96.8	96.9
≥ 500	91.8	94.3	94.8	95.1	95.4	95.6	96.1	96.4	96.4	96.8	97.0	97.0	97.1	97.1	97.2	97.2
≥ 400	91.8	94.4	94.9	95.2	95.6	95.8	96.4	96.7	96.7	97.0	97.4	97.4	97.5	97.5	97.5	97.6
≥ 300	91.8	94.5	94.9	95.2	95.7	96.0	96.7	97.1	97.1	97.5	97.9	97.9	98.0	98.0	98.0	98.1
≥ 200	91.9	94.6	95.0	95.4	95.9	96.1	96.8	97.2	97.2	97.7	98.1	98.1	98.3	98.4	98.5	98.7
≥ 100	91.9	94.7	95.1	95.5	96.0	96.2	97.0	97.4	97.4	97.9	98.3	98.3	98.6	98.7	99.0	99.5
0	91.9	94.7	95.1	95.5	96.0	96.2	97.0	97.4	97.4	97.9	98.3	98.3	98.7	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2099

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

5

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 67-97,99-68 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.9	60.2	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 20000	73.4	73.7	73.8	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 18000	74.6	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 16000	76.7	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 14000	80.1	80.5	80.5	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
≥ 12000	82.7	83.1	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 10000	84.1	84.5	84.6	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
≥ 9000	84.9	84.9	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 8000	85.1	85.3	85.6	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
≥ 7000	85.7	86.1	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 6000	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000	87.1	87.2	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9
≥ 4500	87.9	88.0	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4
≥ 4000	88.1	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3500	89.2	89.3	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9
≥ 3000	89.4	90.2	90.4	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9
≥ 2500	90.0	90.9	91.1	91.3	91.4	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2000	90.2	91.6	91.9	92.2	92.3	92.3	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.7
≥ 1800	90.7	91.4	92.1	92.4	92.5	92.5	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	91.1	92.3	92.6	92.9	93.0	93.1	93.3	93.4	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	91.6	92.7	93.0	93.3	93.5	93.6	93.8	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.3
≥ 1000	91.6	93.1	93.4	93.8	94.0	94.1	94.4	94.6	94.6	94.8	94.8	94.8	94.8	94.9	94.9	94.9
≥ 900	91.8	93.3	93.7	94.0	94.3	94.3	94.7	94.9	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.3
≥ 800	91.9	93.5	93.9	94.3	94.6	94.6	95.0	95.3	95.3	95.5	95.7	95.7	95.8	95.8	95.8	95.8
≥ 700	92.0	93.7	94.1	94.5	94.8	94.9	95.3	95.6	95.6	95.9	96.1	96.1	96.2	96.2	96.2	96.3
≥ 600	92.1	93.8	94.3	94.8	95.1	95.2	95.6	95.9	96.0	96.2	96.5	96.5	96.7	96.7	96.7	96.7
≥ 500	92.1	94.0	94.5	95.0	95.3	95.4	95.9	96.3	96.3	96.6	96.9	97.0	97.1	97.1	97.2	97.2
≥ 400	92.2	94.1	94.7	95.2	95.5	95.7	96.2	96.5	96.6	96.9	97.2	97.3	97.5	97.5	97.5	97.5
≥ 300	92.2	94.2	94.8	95.3	95.7	95.9	96.4	96.8	96.9	97.2	97.7	97.7	98.0	98.0	98.1	98.2
≥ 200	92.3	94.2	94.8	95.4	95.8	96.0	96.6	97.0	97.1	97.5	98.0	98.0	98.4	98.5	98.6	98.9
≥ 100	92.3	94.3	94.9	95.4	95.8	96.0	96.7	97.1	97.1	97.6	98.1	98.1	98.6	98.6	98.9	99.4
≥ 0	92.3	94.3	94.9	95.4	95.8	96.0	96.7	97.1	97.1	97.6	98.1	98.1	98.5	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 16788

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

5

CEILING VERSUS VISIBILITY

93037 COLORADO SPRINGS CO(C-PETERSON FD 62-67,69-06 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0 00
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 20000																
≥ 18000	78.1	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	78.6
≥ 16000	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 14000	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.8
≥ 12000	84.2	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6
≥ 10000	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.4
≥ 9000	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.7
≥ 8000	86.3	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	86.7	86.8
≥ 7000	86.5	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.1
≥ 6000	87.2	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.9
≥ 5000																
≥ 4500	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9
≥ 4000	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4
≥ 3500	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.2
≥ 3000	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.2
≥ 2500	90.0	90.9	91.1	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7
≥ 2000	90.4	91.3	91.6	92.1	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.7
≥ 1800	90.7	91.6	91.8	92.4	92.7	92.7	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	93.0
≥ 1500	90.9	91.8	92.2	92.8	93.1	93.2	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.6
≥ 1200	91.2	92.3	92.6	93.2	93.6	93.7	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.2
≥ 1000	91.4	92.5	92.8	93.5	93.9	94.0	94.2	94.4	94.4	94.5	94.5	94.6	94.7	94.7	94.7	94.8
≥ 900	91.4	92.6	92.9	93.6	94.0	94.1	94.4	94.7	94.7	94.8	94.9	94.9	95.0	95.1	95.1	95.2
≥ 800	91.6	92.9	93.2	93.9	94.3	94.4	94.7	95.1	95.1	95.2	95.3	95.3	95.6	95.7	95.7	95.8
≥ 700	91.7	93.0	93.3	94.1	94.5	94.6	94.9	95.3	95.3	95.4	95.7	95.7	95.8	95.9	95.9	95.9
≥ 600	91.8	93.2	93.5	94.3	94.7	94.8	95.2	95.6	95.6	95.8	96.0	96.0	96.1	96.2	96.2	96.3
≥ 500	91.8	93.3	93.6	94.5	94.9	95.0	95.4	95.8	95.8	96.0	96.3	96.4	96.4	96.5	96.5	96.6
≥ 400	91.9	93.5	93.9	94.7	95.3	95.4	95.8	96.2	96.3	96.5	96.8	96.9	97.0	97.1	97.1	97.2
≥ 300	91.9	93.6	94.0	94.9	95.6	95.7	96.1	96.6	96.6	96.9	97.4	97.5	97.6	97.7	97.7	97.8
≥ 200	91.9	93.7	94.1	95.0	95.6	95.7	96.1	96.7	96.7	97.2	97.8	97.9	98.2	98.3	98.4	98.5
≥ 100	91.9	93.7	94.1	95.1	95.7	95.8	96.2	96.8	96.8	97.3	98.0	98.1	98.6	98.8	99.0	99.1
≥ 0	91.9	93.7	94.1	95.1	95.8	95.9	96.3	96.8	96.9	97.3	98.0	98.2	98.7	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2169

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 STATION | COLORADO SPRINGS CO/J-PETERSON FD STATION NAME | 47-49 YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	0
NO CEILING	69.3	69.0	69.7	69.7	69.8	69.8	69.5	69.8	69.9	69.8	69.[illegible]	[illegible].0	69.9	69.9	69.9	69.9
≥ 20000	77.4	77.7	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.3
≥ 18000	78.3	78.6	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.2
≥ 16000	80.8	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.7
≥ 14000	83.3	83.6	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.2
≥ 12000	88.8	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.7
≥ 10000	90.9	90.1	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5
≥ 9000	92.9	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.8	92.8
≥ 8000	96.6	97.1	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.6
≥ 7000	97.1	97.5	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	98.0	98.0
≥ 6000	97.9	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.6
≥ 5000	98.3	98.3	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 4500	98.3	98.8	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.5
≥ 4000	98.8	99.4	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	100.0
≥ 3500	99.2	99.9	100.1	100.3	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.4	100.5	100.5	100.5	100.6
≥ 3000	99.8	100.5	100.7	101.0	101.1	101.1	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.3	101.4
≥ 2500	100.6	101.0	101.2	101.3	101.7	101.7	101.8	101.8	101.8	101.8	101.8	101.8	101.9	101.9	101.9	102.0
≥ 2000	101.0	101.8	102.0	102.3	102.4	102.4	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.8	102.9
≥ 1800	101.1	101.9	102.1	102.4	102.5	102.5	102.8	102.8	102.8	102.8	102.8	102.8	102.9	102.9	102.9	103.0
≥ 1500	101.3	102.1	102.3	102.6	102.8	102.8	103.2	103.2	103.2	103.2	103.3	103.3	103.4	103.4	103.4	103.5
≥ 1200	101.6	102.4	102.7	103.2	103.4	103.5	104.0	104.1	104.1	104.1	104.1	104.1	104.2	104.2	104.3	104.4
≥ 1000	101.8	102.6	102.9	103.3	103.5	103.6	104.2	104.3	104.4	104.7	104.7	104.7	104.8	104.8	104.9	105.0
≥ 900	101.8	102.6	102.9	103.4	103.5	103.7	104.3	104.5	104.5	104.6	104.6	104.8	104.9	104.9	104.9	105.0
≥ 800	101.8	102.8	103.0	103.5	103.7	103.8	104.4	104.6	104.6	104.9	105.0	105.0	105.1	105.1	105.1	105.2
≥ 700	102.0	103.0	103.3	103.7	103.9	104.1	104.7	104.8	104.8	105.3	105.2	105.2	105.3	105.3	105.3	105.4
≥ 600	102.1	103.3	103.5	104.0	104.2	104.6	105.0	105.2	105.2	105.6	105.6	105.6	105.7	105.7	105.8	105.9
≥ 500	102.2	103.5	103.8	104.3	104.5	104.7	105.3	105.5	105.5	105.9	106.0	106.0	106.1	106.1	106.2	106.3
≥ 400	102.3	103.7	104.2	104.7	105.1	105.2	105.8	106.1	106.1	106.6	106.7	106.7	106.9	106.9	106.9	107.0
≥ 300	102.3	104.0	104.5	105.2	105.5	105.7	106.3	106.7	106.7	107.3	107.4	107.4	107.6	107.6	107.7	107.8
≥ 200	102.4	104.1	104.7	105.5	105.9	106.0	106.6	107.1	107.1	107.7	108.0	108.0	108.3	108.3	108.6	108.7
≥ 100	102.9	104.2	104.8	105.5	105.9	106.0	106.8	107.1	107.1	107.8	108.1	108.1	108.5	108.6	109.0	109.2
≥ 0	107.4	104.2	104.8	105.5	105.9	106.0	106.8	107.1	107.1	107.8	108.1	108.1	108.5	108.6	109.3	110.0

TOTAL NUMBER OF OBSERVATIONS 2170

USAF ETAC FORM JUL 61 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

5

CEILING VERSUS VISIBILITY

93047 COLORADO SPRINGS COLO-PETERSON FD 62-67,69-68 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1½	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.6	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.1
≥ 20000	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	72.8
≥ 18000	73.9	73.8	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.3
≥ 16000	75.9	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.8
≥ 14000	80.1	80.4	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.9
≥ 12000	83.7	84.0	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.6
≥ 10000	85.1	85.4	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0
≥ 9000	85.3	85.6	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.2
≥ 8000	86.4	86.7	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.4
≥ 7000	87.3	87.6	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.3
≥ 6000	88.8	88.9	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.6
≥ 5000	88.9	89.2	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.8
≥ 4500	89.5	89.8	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.4
≥ 4000	89.7	90.0	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.5
≥ 3500	89.9	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.7
≥ 3000	90.0	90.3	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.9	90.9	90.9	91.0
≥ 2500	90.7	91.0	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.7
≥ 2000	91.1	91.4	91.6	91.7	91.8	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.2
≥ 1800	91.2	91.5	91.7	91.8	91.9	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.3
≥ 1500	91.4	91.7	91.9	92.0	92.1	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.5
≥ 1200	91.8	92.1	92.3	92.4	92.5	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.9
≥ 1000	91.9	92.2	92.4	92.5	92.6	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.9	92.9	92.9	93.0
≥ 900	92.1	92.4	92.6	92.7	92.8	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.2
≥ 800	92.1	92.4	92.6	92.7	92.8	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.2
≥ 700	92.3	92.6	92.8	92.9	93.0	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.4
≥ 600	92.6	92.9	93.1	93.2	93.3	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.7
≥ 500	92.6	93.0	93.2	93.3	93.4	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.8
≥ 400	92.9	93.2	93.4	93.5	93.6	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.9	93.9	93.9	94.0
≥ 300	92.9	93.2	93.4	93.5	93.6	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.9	93.9	93.9	94.0
≥ 200	92.9	93.2	93.4	93.5	93.6	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.9	93.9	93.9	94.0
≥ 100	92.9	93.2	93.4	93.5	93.6	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.9	93.9	93.9	94.0
≥ 0	92.9	93.2	93.4	93.5	93.6	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.9	93.9	93.9	94.0

TOTAL NUMBER OF OBSERVATIONS 2170

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 STATION | COLORADO SPRINGS CORRECTION FD STATION NAME | 42-47,49-66 YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07-08,11-20 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8
≥ 20000	70.5	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3
≥ 18000	72.7	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5
≥ 16000	75.0	76.2	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 14000	80.1	80.7	80.8	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1
≥ 12000	84.0	84.9	86.7	84.7	84.8	84.8	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0
≥ 10000	85.7	86.6	86.4	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8
≥ 9000	86.3	87.0	87.1	87.1	87.2	87.2	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.6
≥ 8000	87.9	87.9	87.7	87.7	87.5	87.8	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.2	88.2
≥ 7000	87.5	88.2	88.2	88.3	88.4	88.4	88.5	88.6	88.6	88.6	88.7	88.7	88.8	88.8	88.8	88.8
≥ 6000	88.2	88.9	89.0	89.1	89.3	89.3	89.3	89.4	89.4	89.4	89.5	89.5	89.6	89.6	89.6	89.6
≥ 5000	88.5	89.5	89.6	89.7	89.8	89.8	89.9	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.2	90.2
≥ 4500	89.1	89.8	89.9	90.0	90.1	90.1	90.2	90.3	90.3	90.3	90.4	90.4	90.5	90.5	90.5	90.5
≥ 4000	89.8	90.5	90.6	90.8	90.9	90.9	91.1	91.2	91.2	91.2	91.3	91.3	91.4	91.4	91.4	91.4
≥ 3500	90.0	90.8	90.9	91.0	91.1	91.1	91.3	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.7	91.7
≥ 3000	90.4	91.2	91.3	91.3	91.7	91.7	91.8	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.2	92.2
≥ 2500	90.9	92.0	92.1	92.3	92.5	92.5	92.6	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.1	93.1
≥ 2000	91.5	92.6	92.8	93.1	93.3	93.3	93.5	93.6	93.6	93.7	93.8	93.8	93.9	93.9	93.9	93.9
≥ 1800	91.7	92.9	93.0	93.4	93.6	93.6	93.8	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.3	94.3
≥ 1500	91.7	93.0	93.1	93.5	93.8	93.8	94.1	94.3	94.3	94.4	94.5	94.5	94.6	94.6	94.6	94.6
≥ 1200	92.0	93.4	93.5	94.0	94.2	94.2	94.5	94.9	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.2
≥ 1000	92.2	93.7	93.8	94.2	94.5	94.5	94.9	95.3	95.3	95.4	95.6	95.6	95.7	95.7	95.7	95.7
≥ 900	92.2	93.8	93.9	94.3	94.6	94.6	95.0	95.3	95.3	95.5	95.7	95.7	95.8	95.8	95.8	95.8
≥ 800	92.3	94.0	94.1	94.6	94.8	94.8	95.3	95.7	95.7	95.9	96.0	96.0	96.1	96.1	96.1	96.1
≥ 700	92.4	94.2	94.4	94.9	95.3	95.3	95.7	96.2	96.2	96.4	96.6	96.7	96.8	96.9	97.0	97.0
≥ 600	92.5	94.3	94.5	95.0	95.4	95.4	96.0	96.5	96.5	96.8	97.1	97.2	97.3	97.4	97.5	97.5
≥ 500	92.6	94.5	94.7	95.3	95.7	95.7	96.4	97.0	97.0	97.4	97.7	97.9	98.0	98.1	98.2	98.2
≥ 400	92.7	94.7	94.9	95.5	96.0	96.0	96.8	97.5	97.5	98.0	98.4	98.6	98.8	98.9	99.0	99.1
≥ 300	92.7	94.7	95.0	95.6	96.1	96.2	97.0	97.7	97.7	98.2	98.7	98.9	99.3	99.4	99.5	99.7
≥ 200	92.7	94.7	95.0	95.6	96.2	96.2	97.1	97.8	97.8	98.3	98.8	99.0	99.4	99.5	99.6	100.0
≥ 100	92.7	94.7	95.0	95.6	96.2	96.2	97.1	97.8	97.8	98.3	98.8	99.0	99.4	99.5	99.6	100.0
0	92.7	94.7	95.0	95.6	96.2	96.2	97.1	97.8	97.8	98.3	98.8	99.0	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2169

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

5

CEILING VERSUS VISIBILITY

93037 CHEYENNE SPRINGS COLO-PETERSON FLD 67-69 YEARS ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-0=16-00 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	51.4	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
≥ 20000	70.9	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 18000	72.8	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 16000	76.2	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	76.7
≥ 14000	80.5	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
≥ 12000	83.9	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	84.6
≥ 10000	85.3	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 9000	85.8	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 8000	86.7	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 7000	87.3	88.2	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 6000	89.7	89.9	89.7	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
≥ 5000	89.6	90.3	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4500	90.1	90.8	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000	90.9	91.6	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
≥ 3500	91.3	92.1	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3000	91.5	92.6	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2500	92.2	93.3	93.6	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1
≥ 2000	92.9	94.1	94.5	94.7	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3
≥ 1800	93.0	94.3	94.7	94.9	95.1	95.1	95.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500	93.2	94.5	95.0	95.2	95.5	95.5	95.7	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9
≥ 1200	93.3	94.7	95.2	95.5	95.7	95.8	96.0	96.0	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3
≥ 1000	93.4	94.8	95.4	95.7	96.2	96.3	96.5	96.7	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0
≥ 900	93.5	94.9	95.5	95.8	96.3	96.3	96.6	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	93.6	95.1	95.6	96.1	96.6	96.7	97.1	97.2	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7
≥ 700	93.8	95.3	95.9	96.5	97.1	97.3	97.7	97.9	98.0	98.4	98.5	98.6	98.6	98.6	98.6	98.6
≥ 600	93.9	95.3	95.9	96.5	97.3	97.5	97.9	98.2	98.2	98.7	98.8	98.9	98.9	98.9	98.9	98.9
≥ 500	93.9	95.3	96.0	96.6	97.5	97.7	98.1	98.3	98.4	99.0	99.2	99.3	99.3	99.3	99.3	99.3
≥ 400	93.9	95.5	96.1	96.9	97.8	98.0	98.4	98.6	98.7	99.3	99.4	99.6	99.6	99.6	99.7	99.8
≥ 300	93.9	95.5	96.1	96.9	97.8	98.0	98.4	98.7	98.7	99.4	99.6	99.7	99.8	99.8	99.9	100.0
≥ 200	93.9	95.5	96.1	96.9	97.8	98.0	98.4	98.7	98.7	99.4	99.6	99.7	99.8	99.8	99.9	100.0
≥ 100	93.9	95.5	96.1	96.9	97.8	98.0	98.4	98.7	98.7	99.4	99.6	99.7	99.8	99.8	99.9	100.0
≥ 0	93.9	95.5	96.1	96.9	97.8	98.0	98.4	98.7	98.7	99.4	99.6	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2163

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

23047 STATION | COLORADO SPRINGS CEL/PETERSON F | 62-67 YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

[illegible] HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥⅜	≥0
NO CEILING	52.3	52.5	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 20000	71.5	71.8	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3
≥ 18000	72.8	73.0	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 16000	75.8	76.1	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 14000	79.3	79.9	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 12000	83.9	[illegible]	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 10000	85.3	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9
≥ 9000	85.8	86.1	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
≥ 8000	87.0	87.5	87.7	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 7000	88.1	88.7	88.9	89.0	89.1	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3
≥ 6000	89.3	89.1	89.4	89.4	89.5	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7
≥ 5000	89.8	90.0	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
≥ 4500	89.9	90.5	90.7	90.9	91.0	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4000	90.7	91.3	91.8	91.9	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3
≥ 3500	90.9	91.7	92.1	92.2	92.3	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3000	91.5	92.4	92.9	93.0	93.1	93.2	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2500	92.0	93.0	93.4	93.6	93.7	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000	92.4	93.5	93.9	94.1	94.2	94.3	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	92.5	93.7	94.1	94.3	94.4	94.5	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1500	93.2	94.6	95.1	95.3	95.5	95.6	95.9	96.0	95.0	96.1	96.1	96.1	96.1	96.1	96.2
≥ 1200	93.2	94.7	95.3	95.6	95.8	95.9	96.2	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.6
≥ 1000	93.4	95.0	95.5	95.9	96.3	96.4	96.7	96.8	96.8	97.0	97.1	97.1	97.1	97.1	97.1
≥ 900	93.4	95.0	95.5	95.9	96.3	96.5	96.9	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3
≥ 800	93.5	95.2	95.7	96.1	96.5	96.6	97.1	97.2	97.2	97.5	97.7	97.7	97.7	97.7	97.7
≥ 700	93.5	95.3	95.9	96.3	96.6	96.8	97.2	97.4	97.4	97.7	98.0	98.0	98.0	98.0	98.1
≥ 600	93.5	95.4	95.9	96.4	96.8	97.0	97.3	97.7	97.7	98.1	98.3	98.4	98.4	98.4	98.4
≥ 500	93.6	95.5	96.2	96.7	97.3	97.5	98.1	98.4	98.4	98.9	99.2	99.3	99.4	99.4	99.4
≥ 400	93.6	95.7	96.3	96.9	97.6	97.8	98.4	98.7	98.7	99.2	99.5	99.6	99.7	99.7	99.8
≥ 300	93.6	95.5	96.2	96.9	97.6	97.9	98.5	98.8	98.8	99.3	99.6	99.7	99.8	99.8	99.9
≥ 200	93.6	95.5	96.3	96.9	97.6	97.9	98.5	98.8	98.8	99.4	99.7	99.8	99.9	100.0	100.0
≥ 100	93.6	95.5	96.3	96.9	97.6	97.9	98.5	98.8	98.8	99.4	99.7	99.8	99.9	100.0	100.0
0	93.6	95.5	96.3	96.9	97.6	97.9	98.5	98.8	98.8	99.4	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2170

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 (STATION) COLORADO SPRINGS COL-PETERSON FD (STATION NAME) 42-47,49-68 (YEARS) 11 (MONTH) 1 700-2100 (HOURS: L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥⅞	≥⅝	≥½	≥⅜	≥0
NO CEILING	69.0	69.5	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
≥ 20000	76.1	76.6	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
≥ 18000	77.2	77.7	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4
≥ 16000	78.3	79.2	79.8	79.5	79.5	79.5	79.5	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7
≥ 14000	81.8	81.7	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2
≥ 12000	83.5	84.2	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7
≥ 10000	85.3	86.1	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7
≥ 9000	85.7	86.5	86.6	86.8	86.9	86.9	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1
≥ 8000	86.0	86.8	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4
≥ 7000	86.7	87.6	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2
≥ 6000	87.8	88.7	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3
≥ 5000	88.1	89.0	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6
≥ 4500	88.3	89.3	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000	89.0	90.0	90.2	90.5	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3500	89.7	90.8	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3000	90.6	91.7	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500	91.2	92.3	92.7	93.1	93.2	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2000	91.8	93.6	93.8	94.2	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.7	94.7	94.7
≥ 1800	91.9	93.8	94.0	94.4	94.5	94.5	94.5	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.9
≥ 1500	92.2	94.3	94.5	94.9	95.1	95.1	95.2	95.3	95.3	95.5	95.5	95.5	95.5	95.6	95.6
≥ 1200	92.4	94.7	94.9	95.3	95.5	95.6	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.1	96.1
≥ 1000	92.5	94.8	95.0	95.4	95.6	95.7	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.2	96.2
≥ 900	92.7	95.0	95.3	95.7	95.9	95.9	96.1	96.2	96.3	96.6	96.7	96.7	96.7	96.8	96.8
≥ 800	92.9	95.2	95.4	95.9	96.1	96.1	96.3	96.3	96.6	97.0	97.1	97.1	97.1	97.1	97.1
≥ 700	92.9	95.3	95.5	95.9	96.1	96.2	96.3	96.6	96.7	97.1	97.3	97.3	97.3	97.4	97.4
≥ 600	92.9	95.3	95.6	96.0	96.2	96.3	96.4	96.8	96.9	97.3	97.5	97.5	97.5	97.6	97.6
≥ 500	92.9	95.6	95.9	96.3	96.5	96.6	96.7	97.1	97.2	97.6	97.9	97.9	97.9	98.0	98.0
≥ 400	93.1	95.9	96.2	96.6	96.9	96.9	97.1	97.5	97.6	98.1	98.3	98.3	98.4	98.4	98.4
≥ 300	93.1	96.0	96.3	96.7	97.0	97.1	97.2	97.6	97.7	98.3	98.6	98.6	98.6	98.7	98.7
≥ 200	93.3	96.2	96.6	97.1	97.3	97.4	97.6	98.0	98.1	98.8	99.1	99.1	99.3	99.4	99.4
≥ 100	93.3	96.2	96.6	97.1	97.3	97.4	97.6	98.0	98.1	98.8	99.2	99.2	99.4	99.5	99.6
0	93.3	96.2	96.6	97.1	97.3	97.4	97.6	98.0	98.1	98.8	99.2	99.2	99.5	99.6	99.8 100.0

TOTAL NUMBER OF OBSERVATIONS 2176

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 — STATION
COLOR. SP. SPRINGS COLO-PETERSON FLD — STATION NAME
42-47,49-66 — YEARS
ALL — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0100-2400 — HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	65,5	67,2	67,3	67,3	67,3	67,3	67,3	67,4	67,4	67,5	67,5	67,5	67,5	67,5	67,5	67,5
≥ 20000	76,7	77,4	77,5	77,6	77,6	77,6	77,7	77,8	77,8	77,9	77,9	77,9	77,9	77,9	77,9	77,9
AV 18000	77,8	78,1	78,2	78,3	78,3	78,3	78,3	78,4	78,5	78,6	78,6	78,6	78,6	78,6	78,6	78,6
AV 16000	79,1	79,8	79,9	80,0	80,0	80,0	80,1	80,2	80,2	80,3	80,3	80,3	80,3	80,3	80,3	80,3
AV 14000	80,9	81,6	81,7	81,8	81,8	81,8	81,9	82,0	82,0	82,1	82,1	82,1	82,1	82,1	82,1	82,1
AV 12000	84,3	84,7	84,7	84,8	84,8	84,8	84,9	84,9	84,9	85,0	85,0	85,0	85,0	85,0	85,0	85,0
AV 10000	84,8	85,5	85,7	85,8	85,8	85,8	85,8	85,9	85,9	86,0	86,0	86,0	86,0	86,1	86,1	86,1
AV 9000	85,1	85,9	86,0	86,2	86,2	86,2	86,2	86,3	86,3	86,4	86,4	86,4	86,4	86,4	86,4	86,4
AV 8000	85,3	86,2	86,4	86,5	86,5	86,5	86,6	86,7	86,7	86,8	86,9	86,8	86,8	86,8	86,8	86,8
AV 7000	85,9	86,8	86,9	87,0	87,0	87,0	87,0	87,1	87,1	87,3	87,3	87,3	87,3	87,3	87,3	87,3
AV 6000	86,9	87,7	87,8	87,9	87,9	87,9	87,9	87,9	87,9	88,0	88,0	88,0	88,0	88,0	88,0	88,0
AV 5000	87,0	88,0	88,1	88,2	88,2	88,2	88,3	88,4	88,4	88,5	88,5	88,5	88,5	88,5	88,5	88,5
AV 4500	87,4	88,5	88,6	88,7	88,7	88,7	88,8	88,9	88,9	89,0	89,0	89,0	89,0	89,0	89,0	89,0
AV 4000	87,7	88,7	88,9	89,0	89,1	89,1	89,1	89,3	89,3	89,4	89,4	89,4	89,4	89,4	89,4	89,4
AV 3500	88,9	89,9	89,8	89,9	89,9	89,9	90,0	90,1	90,1	90,3	90,3	90,3	90,3	90,3	90,3	90,3
AV 3000	89,6	90,5	91,1	91,2	91,2	91,2	91,3	91,5	91,5	91,6	91,6	91,6	91,6	91,6	91,6	91,6
AV 2500	90,1	91,3	91,6	91,7	91,8	91,8	91,9	92,1	92,1	92,2	92,2	92,2	92,2	92,2	92,2	92,2
AV 2000	90,5	92,0	92,3	92,5	92,5	92,6	92,7	92,9	92,9	93,1	93,1	93,1	93,1	93,1	93,1	93,1
AV 1800	90,5	92,3	92,6	92,8	92,9	93,0	93,1	93,4	93,4	93,5	93,5	93,5	93,5	93,5	93,5	93,5
AV 1500	91,0	92,7	93,2	93,5	93,5	93,6	93,7	94,0	94,0	94,2	94,3	94,3	94,3	94,3	94,3	94,3
AV 1200	91,1	92,9	93,4	93,7	93,8	93,8	94,0	94,3	94,3	94,6	94,6	94,6	94,7	94,7	94,7	94,7
AV 1000	91,3	93,2	93,6	93,9	94,0	94,2	94,4	94,8	94,8	95,2	95,2	95,2	95,3	95,4	95,4	95,4
AV 900	91,3	93,4	93,9	94,1	94,3	94,4	94,6	95,1	95,1	95,5	95,5	95,5	95,6	95,7	95,7	95,7
AV 800	91,5	93,5	94,0	94,3	94,4	94,6	94,9	95,4	95,4	95,8	96,1	96,1	96,1	96,2	96,2	96,2
AV 700	91,5	93,6	94,1	94,4	94,5	94,6	95,0	95,5	95,5	95,9	96,1	96,1	96,2	96,3	96,3	96,3
AV 600	91,6	93,7	94,2	94,5	94,6	94,8	95,2	95,7	95,7	96,1	96,4	96,4	96,5	96,6	96,6	96,6
AV 500	91,8	94,0	94,5	94,7	94,9	95,1	95,5	95,9	95,9	96,5	96,8	96,8	96,9	97,0	97,0	97,0
AV 400	92,0	94,2	94,7	95,1	95,3	95,4	95,8	96,3	96,3	97,0	97,4	97,4	97,5	97,6	97,6	97,6
AV 300	92,1	94,4	95,0	95,4	95,6	95,8	96,2	96,8	96,8	97,5	98,0	98,0	98,1	98,3	98,3	98,3
AV 200	92,1	94,4	95,0	95,5	95,8	95,9	96,3	96,9	96,9	97,8	98,2	98,2	98,4	98,7	98,7	98,8
AV 100	92,1	94,4	95,0	95,5	95,8	95,9	96,3	97,0	97,0	97,9	98,4	98,4	98,8	99,0	99,2	99,3
AV 0	92,1	94,4	95,0	95,5	95,8	95,9	96,3	97,0	97,0	97,9	98,4	98,4	98,9	99,3	99,5	100,0

TOTAL NUMBER OF OBSERVATIONS 2165

USAF ETAC FORM JULY 0-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 | CALIFORNIA SPRINGS COMPETITION FD | 62-67,69-74 | ALL
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.9	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	60.3	60.4
≥ 20000	74.0	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8
≥ 18000	75.1	75.8	75.9	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2
≥ 16000	77.7	78.2	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6
≥ 14000	80.7	81.4	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8
≥ 12000	83.3	84.1	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7
≥ 10000	85.3	85.9	86.0	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3
≥ 9000	85.7	86.3	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.8
≥ 8000	86.9	87.0	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.5
≥ 7000	87.1	87.2	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.7
≥ 6000	87.9	88.0	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.9	88.9	88.9
≥ 5000	88.3	88.9	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.5	89.5	89.5
≥ 4500	88.7	89.4	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.0
≥ 4000	89.3	90.1	90.3	90.4	90.5	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.8
≥ 3500	89.7	90.5	90.6	90.9	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.3
≥ 3000	90.4	91.3	91.5	91.7	91.8	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2500	90.9	91.9	92.1	92.4	92.5	92.5	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.9
≥ 2000	91.4	92.6	92.8	93.2	93.4	93.4	93.5	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.9
≥ 1800	91.8	92.8	93.1	93.5	93.6	93.7	93.7	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	91.9	93.2	93.5	93.9	94.1	94.1	94.4	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7
≥ 1200	92.1	93.5	93.8	94.3	94.5	94.6	94.8	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.3
≥ 1000	92.2	93.7	94.1	94.5	94.8	94.9	95.2	95.4	95.4	95.6	95.7	95.7	95.8	95.8	95.8	95.8
≥ 900	92.3	93.8	94.2	94.6	94.9	95.0	95.3	95.6	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.1
≥ 800	92.4	94.0	94.3	94.8	95.1	95.2	95.6	95.8	95.9	96.2	96.3	96.3	96.4	96.4	96.4	96.5
≥ 700	92.5	94.1	94.5	95.0	95.3	95.5	95.8	96.1	96.2	96.5	96.7	96.7	96.7	96.8	96.8	96.8
≥ 600	92.5	94.3	94.7	95.2	95.5	95.7	96.1	96.4	96.4	96.8	97.0	97.1	97.1	97.2	97.2	97.2
≥ 500	92.7	94.4	94.9	95.4	95.8	96.0	96.4	96.8	96.8	97.3	97.5	97.6	97.6	97.7	97.7	97.8
≥ 400	92.7	94.6	95.1	95.7	96.2	96.3	96.6	97.2	97.2	97.7	98.0	98.0	98.1	98.2	98.2	98.3
≥ 300	92.8	94.7	95.2	95.9	96.4	96.5	97.0	97.5	97.5	98.1	98.4	98.5	98.6	98.7	98.7	98.8
≥ 200	92.8	94.7	95.3	96.0	96.5	96.6	97.1	97.6	97.7	98.3	98.7	98.7	99.0	99.1	99.2	99.3
≥ 100	92.8	94.8	95.3	96.0	96.5	96.7	97.2	97.8	97.7	98.3	98.7	98.8	99.2	99.4	99.4	99.6
0	92.8	94.8	95.3	96.0	96.5	96.7	97.2	97.6	97.7	98.3	98.7	98.8	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 17340

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

93037 STATION | COLORADO SPRINGS (CO)-PETERSON FI STATION NAME | 1965- YEARS | ALL MONTH | ALL HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 20000	67.5	68.1	68.2	68.4	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 18000	69.0	69.0	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 16000	70.3	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0
≥ 14000	73.3	73.7	73.8	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 12000	76.2	76.6	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9
≥ 10000	77.3	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9
≥ 9000	79.1	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 8000	81.9	82.4	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 7000	83.0	83.4	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9
≥ 6000	84.3	85.0	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 5000	84.9	86.2	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4500	85.3	87.1	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
≥ 4000	87.4	88.0	88.2	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6
≥ 3500	88.1	88.8	89.0	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4
≥ 3000	89.0	89.7	89.9	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4
≥ 2500	89.7	90.6	90.8	91.0	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	90.9	91.5	91.8	92.0	92.2	92.2	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1800	90.8	91.6	92.1	92.3	92.5	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9
≥ 1500	91.3	92.4	92.8	93.1	93.3	93.3	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.8	93.8	93.8
≥ 1200	91.7	93.0	93.5	93.7	94.0	94.0	94.2	94.3	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6
≥ 1000	92.1	93.3	93.9	94.2	94.5	94.6	94.7	95.0	95.0	95.1	95.3	95.3	95.3	95.3	95.4	95.4
≥ 900	92.2	93.7	94.1	94.5	94.8	94.9	95.1	95.3	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.7
≥ 800	92.4	93.9	94.6	94.8	95.1	95.2	95.3	95.7	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.3
≥ 700	92.5	94.4	94.6	95.1	95.4	95.5	95.8	96.0	96.1	96.3	96.5	96.5	96.6	96.6	96.6	96.7
≥ 600	92.7	94.4	94.9	95.4	95.8	95.9	96.2	96.5	96.5	96.8	97.0	97.0	97.1	97.1	97.2	97.2
≥ 500	92.8	94.6	95.1	95.7	96.1	96.2	96.6	96.9	96.9	97.3	97.5	97.5	97.7	97.7	97.7	97.8
≥ 400	92.9	94.8	95.3	95.9	96.4	96.5	96.9	97.2	97.3	97.7	97.9	98.0	98.1	98.2	98.2	98.3
≥ 300	92.9	94.9	95.5	96.1	96.6	96.7	97.2	97.5	97.6	98.0	98.3	98.4	98.6	98.6	98.7	98.8
≥ 200	92.9	94.9	95.5	96.2	96.7	96.8	97.3	97.7	97.7	98.2	98.4	98.6	98.9	99.0	99.1	99.3
≥ 100	92.9	94.9	95.5	96.2	96.7	96.8	97.4	97.7	97.8	98.3	98.7	98.7	99.1	99.1	99.4	99.6
0	92.9	94.9	95.5	96.2	96.7	96.8	97.4	97.7	97.8	98.3	98.7	98.7	99.1	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 200597

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.

2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 46-68 PERIOD | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	51.3	4.5	3.7	4.0	3.5	1.5	3.3	2.9	3.5	2.6	13.6	3.3	1891
	03-05	51.5	3.9	4.1	3.5	3.9	2.5	3.3	3.8	3.1	2.3	18.6	3.3	1871
	06-08	30.5	5.3	5.0	3.8	3.2	2.7	3.8	5.4	5.0	5.7	23.5	4.4	1891
	09-11	32.3	6.2	4.1	3.3	2.8	2.5	2.9	5.3	6.0	8.1	26.3	4.9	1890
	12-14	30.2	6.3	5.8	3.7	3.5	2.6	5.1	5.0	6.4	7.3	24.1	4.8	1891
	15-17	29.8	6.7	5.5	4.3	3.5	2.9	4.8	4.0	5.9	7.5	24.3	4.8	1891
	18-20	39.3	5.4	6.3	4.6	3.8	2.5	4.2	4.1	4.4	3.3	22.0	4.0	1890
	21-23	46.7	3.9	5.2	4.7	2.9	2.3	4.2	3.4	4.2	2.4	20.1	3.6	1891
TOTALS		39.7	5.3	5.0	4.0	3.4	2.5	3.9	4.2	4.9	4.9	22.2	4.1	15124

USAF ETAC FORM JUL 64 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
5 ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 46-68 PERIOD | F MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	47.6	4.6	4.5	3.5	2.4	1.5	2.6	2.9	4.0	2.8	23.4	3.7	1739
	03-05	46.2	5.7	3.7	3.6	2.9	2.6	3.5	3.1	3.0	1.7	24.1	3.7	1714
	06-08	33.3	5.4	3.8	4.4	2.7	3.2	3.5	4.8	6.5	4.9	27.6	4.8	1724
	09-11	27.8	5.3	5.6	5.0	2.6	3.0	4.4	5.7	5.5	6.6	28.3	5.1	1724
	12-14	23.9	4.9	4.2	4.9	3.0	2.6	4.2	6.1	7.3	7.0	32.0	5.6	1723
	15-17	21.5	5.5	4.7	3.8	3.0	3.0	4.7	6.4	6.8	8.3	31.9	5.8	1723
	18-20	31.1	5.9	4.9	4.9	4.2	2.7	5.4	5.2	5.1	3.5	27.3	4.7	1706
	21-23	41.9	5.0	5.5	4.3	3.5	2.9	3.6	2.6	3.1	3.2	24.4	4.0	1706
TOTALS		34.2	5.3	4.6	4.3	3.0	2.7	4.0	4.5	5.2	4.7	27.4	4.7	13729

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

93037 STATION | COLORADO SPRINGS COLO-PETERSON FL STATION NAME | 46-68 PERIOD | 1-12 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	43.9	4.3	4.4	3.3	2.5	1.9	2.9	3.5	3.1	7.2	28.0	4.1	15.7
	03-05	41.9	5.3	4.3	3.0	2.9	1.4	3.1	3.5	3.1	2.8	28.6	4.2	1875
	06-08	30.8	6.2	5.1	3.6	2.4	2.3	3.9	4.2	3.0	5.1	31.3	5.0	1891
	09-11	26.4	6.2	5.1	4.1	3.3	3.1	4.5	4.8	5.9	7.6	27.8	5.2	1891
	12-14	21.3	4.9	4.5	4.8	3.9	3.6	4.8	4.9	7.[illegible]	7.5	32.2	5.7	1891
	15-17	18.0	6.5	4.1	4.1	3.3	3.4	4.7	6.0	7.[illegible]	8.2	34.5	6.0	1891
	18-20	27.6	5.5	5.2	5.1	4.5	3.0	5.0	4.7	5.2	4.6	29.7	5.1	1870
	21-23	39.7	5.2	4.8	4.4	3.4	2.1	3.5	3.7	2.7	3.0	27.4	4.2	1869
TOTALS		31.2	5.5	4.7	4.1	3.3	2.6	4.1	4.4	5.1	5.1	29.9	4.9	15045

USAF ETAC FORM JUL 64 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

93037 — STATION
COLORADO SPRINGS COLO-PETERSON FD — STATION NAME
46-47,49-68 — PERIOD
APR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	44.6	3.9	4.1	3.7	2.9	1.7	3.7	3.3	2.9	2.7	26.8	4.2	1740
	03-05	38.7	6.3	4.9	4.7	2.7	2.2	2.8	3.0	3.4	4.1	27.0	4.3	1746
	06-08	30.5	5.4	4.4	3.5	2.8	2.7	4.0	4.4	6.1	5.7	30.5	5.1	1740
	09-11	24.0	6.6	4.6	4.2	3.7	4.1	4.7	6.0	6.1	7.4	28.6	5.4	1741
	12-14	13.8	6.5	4.5	4.9	4.1	4.0	5.5	6.5	7.9	9.9	32.5	6.2	1740
	15-17	12.2	4.9	3.6	4.3	3.6	3.5	4.1	7.0	8.6	11.7	36.6	6.7	1740
	18-20	22.5	5.1	4.5	4.4	4.0	2.7	5.2	5.1	7.2	5.9	33.3	5.7	1740
	21-23	39.4	4.7	5.4	3.7	3.3	2.5	3.3	3.3	4.6	2.2	27.5	4.3	1740
TOTALS		28.2	5.4	4.5	4.2	3.4	2.9	4.2	4.8	5.9	6.2	30.3	5.2	13920

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 46-47,49-61 PERIOD | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	41.4	4.6	4.2	3.9	3.1	1.4	3.9	7.6	3.3	3.7	27.7	4.2	1798
	03-05	35.6	6.4	4.8	3.7	3.1	2.3	4.0	3.8	4.2	3.0	28.6	4.5	1796
	06-08	31.6	5.2	4.3	4.1	3.3	2.5	4.2	4.4	4.9	5.3	30.3	5.0	1793
	09-11	21.6	6.6	5.7	6.0	4.5	4.7	5.2	4.8	6.9	7.2	26.7	5.3	1799
	12-14	9.5	3.8	4.0	4.8	3.9	5.5	7.2	7.3	9.7	10.5	33.7	6.7	1798
	15-17	6.6	3.3	3.9	3.5	3.6	4.1	5.6	8.0	11.2	12.1	38.6	7.3	1797
	18-20	13.5	4.6	5.5	4.1	4.2	4.1	5.4	6.3	8.6	8.6	35.2	6.4	1798
	21-23	30.8	6.0	6.2	4.3	4.6	2.2	4.3	4.5	5.0	3.9	28.2	4.8	1797
TOTALS		23.8	5.1	4.8	4.3	3.8	3.4	5.0	5.2	6.7	6.9	31.1	5.5	14380

USAF ETAC FORM JUN 64 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 46-47,49-66 PERIOD | J N MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	33.7	5.5	4.7	3.1	2.7	1.4	2.6	2.4	3.4	2.0	17.8	3.0	1740
	03-05	45.2	7.5	4.6	4.2	2.9	2.4	4.0	3.3	3.2	3.7	18.2	3.5	1740
	06-08	44.2	6.0	5.9	4.4	3.3	1.8	3.3	4.1	4.3	4.9	17.7	3.6	1739
	09-11	37.5	8.4	6.2	5.2	4.3	3.7	5.5	4.8	4.7	4.8	14.9	3.7	1740
	12-14	22.5	7.0	6.1	4.4	5.2	4.5	6.4	7.5	7.9	9.5	19.0	5.1	1740
	15-17	15.9	6.6	4.4	5.2	4.7	4.3	5.5	6.1	10.2	11.7	25.3	5.9	1740
	18-20	22.3	7.0	5.5	4.5	4.7	3.9	5.4	7.2	7.4	5.0	23.8	5.2	1740
	21-23	43.7	6.3	4.7	4.4	4.0	2.0	4.4	4.5	4.8	3.7	18.0	3.6	1735
TOTALS		35.3	6.8	5.3	4.4	.0	3.0	4.7	5.0	5.2	6.0	19.3	4.2	13914

USAF ETAC FORM 0-9-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 46-68 PERIOD | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	41.4	6.6	5.9	5.6	5.1	3.4	4.0	4.4	4.4	4.0	14.6	3.5	1891
	03-05	39.9	8.7	6.3	6.1	4.4	3.8	4.6	6.0	4.9	3.8	11.4	3.3	1891
	06-08	40.1	8.1	6.1	6.0	4.1	3.5	5.6	4.8	5.0	5.5	11.2	3.4	1890
	09-11	33.9	12.3	8.2	6.9	5.3	3.8	6.0	6.7	5.3	4.0	7.6	3.3	1891
	12-14	9.2	6.7	7.4	7.2	6.2	6.8	8.7	10.7	11.3	11.5	12.3	5.5	1891
	15-17	4.6	3.8	5.1	4.0	4.4	5.1	6.7	8.8	12.0	18.5	27.3	7.1	1891
	18-20	7.9	5.1	3.5	5.1	5.0	4.3	6.0	8.5	10.2	12.6	31.9	6.8	1891
	21-23	28.9	6.0	6.8	6.0	5.3	4.7	6.1	5.6	6.6	6.1	20.3	4.7	1891
TOTALS		25.5	7.4	6.2	5.9	5.0	4.4	6.0	7.0	7.5	8.2	17.1	4.7	15126

USAF ETAC FORM JUL 64 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 46-68 PERIOD | A.' MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AU.	00-02	45.1	6.9	5.8	5.3	4.3	2.6	4.0	3.8	3.9	3.0	15.1	3.3	1871
	03-05	45.3	7.8	5.4	4.4	3.6	2.8	4.3	4.3	4.2	3.5	14.0	3.2	1890
	06-08	39.8	7.6	5.4	5.3	3.6	2.6	4.1	4.9	5.7	6.3	14.6	3.7	1891
	09-11	33.4	10.4	7.4	5.1	4.3	4.2	5.2	5.8	6.5	5.8	11.3	3.7	1891
	12-14	12.4	7.2	6.6	7.0	5.7	6.9	8.5	9.8	10.3	10.9	13.9	5.4	1891
	15-17	9.5	4.4	4.8	3.3	4.3	5.1	7.2	9.0	10.6	13.4	26.7	6.5	1891
	18-20	15.7	4.7	5.8	5.6	4.1	4.0	6.3	7.2	9.6	9.2	28.0	6.0	1890
	21-23	34.5	5.8	6.1	5.1	4.2	3.5	6.0	5.0	5.6	4.3	19.7	4.2	1891
TOTALS		29.5	6.9	5.9	5.4	4.3	4.0	5.7	6.2	7.1	7.1	17.9	4.5	15125

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 46-68 (PERIOD) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	50.4	4.1	4.5	3.8	2.3	1.5	2.4	2.2	2.7	1.7	18.3	2.9	18[illegible]
	03-05	56.3	4.3	4.0	2.6	2.3	2.0	2.5	2.0	2.7	2.1	19.1	3.0	1833
	06-08	48.4	5.4	5.5	3.9	2.2	2.6	3.2	3.3	4.3	3.5	19.5	3.6	1831
	09-11	41.9	6.5	5.5	4.0	3.5	2.5	3.8	4.5	4.8	4.3	16.8	3.6	1834
	12-14	31.4	8.5	5.7	5.6	5.0	5.0	4.6	5.5	6.3	7.4	14.5	4.1	1829
	15-17	26.9	7.0	5.9	5.2	3.8	3.8	6.6	6.7	7.7	9.6	17.4	4.7	1830
	18-20	33.5	8.1	4.4	4.9	3.1	4.2	6.0	5.9	6.1	4.3	19.2	4.2	1829
	21-23	48.4	5.0	5.2	4.5	3.1	2.8	4.1	3.8	3.4	2.8	16.8	3.3	1830
TOTALS		42.7	6.4	5.1	4.3	3.2	3.1	4.1	4.2	4.7	4.5	17.8	3.7	14639

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 46-68 PERIOD | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	60.9	4.2	3.5	1.9	2.2	1.6	2.6	2.7	2.1	1.3	16.2	2.6	1888
	03-05	59.2	5.8	3.5	3.1	2.7	1.3	2.3	2.4	2.2	2.2	15.7	2.7	1888
	06-08	46.4	5.2	3.9	3.2	2.5	1.7	3.9	4.0	4.1	5.5	19.4	3.7	1887
	09-11	45.0	6.0	3.0	3.4	2.8	2.3	4.0	3.3	4.3	5.7	19.7	3.5	1890
	12-14	37.9	7.0	5.1	4.8	4.0	3.0	5.1	4.9	4.3	6.1	17.8	3.9	1890
	15-17	38.5	6.9	4.9	4.9	3.5	2.7	4.9	5.7	5.6	5.5	19.0	4.1	1889
	18-20	47.4	6.1	4.4	4.1	4.1	2.5	3.7	3.4	3.8	3.3	17.0	3.3	1890
	21-23	57.5	5.1	4.7	3.0	2.2	1.9	2.2	2.4	2.5	2.3	16.9	2.8	1891
TOTALS		48.7	5.8	4.1	3.5	3.0	2.2	3.6	3.6	3.7	5.0	17.7	3.4	15113

USAF ETAC FORM NO. 0-9-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

93037 COLORADO SPRINGS COLO-PETERSON FD 46-68 V
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	00-02	51.6	4.6	3.4	2.6	2.5	1.7	2.6	2.8	3.6	2.0	22.5	3.4	1[illegible]
	03-05	50.5	5.0	4.3	2.2	2.8	1.2	3.0	2.5	3.1	2.1	22.2	3.4	1[illegible]
	06-08	34.2	6.4	5.2	3.6	2.9	3.1	3.4	4.3	5.3	5.3	25.9	4.6	18[illegible]
	09-11	31.4	7.2	4.8	4.6	2.9	2.7	3.5	4.7	5.5	7.0	25.6	4.7	18[illegible]
	12-14	31.8	6.1	4.6	4.0	3.3	3.1	3.8	4.6	6.4	7.7	25.1	4.8	18[illegible]
	15-17	31.2	6.3	4.6	3.4	3.0	2.9	3.3	5.2	6.1	7.1	26.2	4.9	1829
	18-20	41.3	5.1	4.5	4.2	3.3	1.9	4.7	3.4	3.1	3.4	24.8	4.0	1839
	21-23	50.4	5.4	4.2	3.2	2.4	1.7	2.2	2.1	2.3	2.6	22.6	3.5	153[illegible]
TOTALS		40.3	5.8	4.5	3.6	2.9	2.3	3.4	3.7	4.5	4.7	24.4	4.7	14639

USAF ETAC FORM JUL 54 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 46-69 PERIOD | C MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	49.[illegible]	5.6	4.6	4.7	2.9	1.8	2.[illegible]	3.[illegible]	[illegible]	2.4	19.8	3.3	1890
	03-05	50.6	4.9	4.8	4.3	3.2	2.0	3.3	3.0	3.7	2.6	17.7	3.2	1891
	06-08	33.9	6.3	4.6	4.9	3.1	3.3	4.6	5.6	5.6	5.4	22.3	4.5	1891
	09-11	32.3	5.7	3.8	4.0	3.[illegible]	7.4	4.3	5.0	7.5	6.8	25.7	4.8	1891
	12-14	30.0	7.2	4.4	4.1	3.1	2.8	4.5	5.6	6.4	7.2	24.6	4.3	1891
	15-17	30.1	7.2	5.3	4.0	3.5	3.0	4.1	5.0	6.1	7.5	24.2	4.8	1891
	18-20	42.2	5.9	4.7	4.4	4.2	3.0	3.9	4.4	4.1	2.3	20.9	3.[illegible]	1891
	21-23	45.3	4.4	5.7	5.1	4.2	2.3	3.5	3.3	3.1	2.9	20.1	3.6	1891
TOTALS		39.2	5.9	4.7	4.4	3.4	2.6	3.9	4.4	4.9	4.6	21.9	4.1	15127

USAF ETAC FORM JUL 64 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 40-65 PERIOD | ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	39.7	5.3	5.2	4.0	3.4	2.5	3.9	4.2	4.3	4.9	22.2	4.1	15124
FEB		34.1	5.3	4.6	4.3	3.0	2.7	4.0	4.6	5.2	4.7	27.4	4.7	13729
MAR		31.2	5.5	4.7	4.1	3.3	2.6	4.1	4.4	5.1	5.1	29.9	4.9	15045
APR		28.2	5.4	4.5	4.2	3.4	2.9	4.2	4.8	5.9	6.2	30.3	5.2	13929
MAY		23.3	5.1	4.8	4.3	3.6	3.4	5.0	5.2	6.7	6.9	31.1	5.5	14382
JUN		35.9	6.8	5.3	4.4	4.0	3.0	4.7	5.0	5.9	6.0	19.3	4.2	13914
JUL		25.5	7.4	6.2	5.9	5.0	4.4	6.0	7.0	7.5	8.2	17.1	4.7	15126
AUG		29.5	6.9	5.9	5.4	4.3	4.0	5.7	6.2	7.1	7.1	17.9	4.3	15120
SEP		42.7	6.4	5.1	4.3	3.2	3.1	4.1	4.2	4.7	4.5	17.8	3.7	14639
OCT		48.7	5.8	4.1	3.5	3.0	2.2	3.0	3.6	3.7	4.0	17.7	3.4	15113
NOV		40.1	5.8	4.5	3.6	2.9	2.3	3.4	3.7	4.5	4.7	24.4	4.2	14637
DEC		39.3	5.9	4.7	4.4	3.4	2.6	3.9	4.4	4.9	4.6	21.9	4.1	15127
TOTALS		34.9	6.0	4.9	4.4	3.5	3.0	4.4	4.8	5.5	5.6	23.0	4.4	175882

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:

   a. Daily maximum temperature
   b. Daily minimum temperature
   c. Daily mean temperature

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

      NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

E

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computations for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

a. Dry-bulb temperature
b. Wet-bulb temperature
c. Dew-point temperature

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC
93037 COLORADO SPRINGS COLO/PETERSON FD 42-68
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
100						.3	.1						.0
99						1.6	3.6	1.1	.1				.5
90					.1	12.8	25.9	13.9	4.1				4.7
85					3.7	33.6	58.1	46.4	16.9	.4			13.3
80			.1	.5	14.8	53.3	80.3	71.3	41.2	6.9			22.4
75		.1	.8	9.7	32.3	70.0	92.7	88.2	63.3	22.6	.1	.1	31.7
70		1.5	3.9	22.4	49.7	84.4	97.8	95.2	76.9	42.3	3.6	.5	39.9
65	1.9	4.6	11.4	36.0	67.9	93.2	99.3	97.8	86.2	59.4	14.1	2.7	47.9
60	6.7	11.9	25.1	52.3	79.9	95.7	99.9	99.0	92.5	73.6	30.0	11.0	56.7
55	20.3	24.6	38.3	67.3	86.8	98.1	100.0	99.8	96.0	82.9	46.4	23.6	65.5
50	38.1	38.7	52.3	78.8	92.9	99.5		100.0	98.0	90.6	61.1	40.1	74.2
45	49.6	53.4	65.5	86.4	97.3	99.9			98.6	95.0	72.2	54.1	81.0
40	62.5	66.5	75.5	92.7	98.8	100.0			99.4	98.3	81.6	67.5	86.9
35	75.2	77.6	84.3	95.5	99.9				100.0	99.6	88.3	78.5	91.6
30	84.9	86.8	89.9	98.6	100.0					100.0	94.2	88.5	95.3
25	90.3	94.0	95.6	99.6							97.5	94.9	97.7
20	95.3	97.0	98.0	100.0							99.6	97.5	98.9
15	97.0	98.1	98.9								99.8	98.8	99.4
10	97.9	99.2	99.6								100.0	99.4	99.7
5	98.4	99.7	99.9									99.9	99.8
0	99.6	100.0	100.0									100.0	100.0
-5	99.9												100.0
-10	100.0												100.0
MEAN	42.9	44.7	48.9	59.0	68.2	79.1	84.7	82.6	75.6	65.6	51.4	45.0	62.3
S D	13.436	13.034	13.509	12.205	10.957	9.670	6.677	7.049	10.148	10.802	12.381	12.369	18.778
TOTAL OBS.	806	729	796	750	775	750	806	806	810	837	810	837	9512

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC
93037 (STATION) COLORADO SPRINGS COLO/PETERSON FD (STATION NAME) 42-68 (YEARS)

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AI 70							.1						.0
AI 65						.5	2.0	.5	.1				.3
AI 60					.1	6.1	26.2	12.9	2.5	.1			4.0
AI 55					2.3	24.9	72.1	56.7	13.5	.5			14.4
AI 50			.1	.9	12.0	64.3	96.5	91.8	38.9	3.4	.2		25.7
AI 45		.3	1.1	6.1	35.5	88.8	99.5	98.8	67.2	15.8	.5		34.4
AI 40	.5	.4	2.8	20.0	64.3	96.7	100.0	100.0	87.4	40.0	2.8	.5	42.9
AI 35	2.5	3.6	9.0	40.8	87.4	98.9			95.6	66.4	11.9	2.5	51.6
AI 33	3.5	6.2	14.4	51.2	91.2	99.7			97.7	76.5	20.1	4.7	55.4
AI 30	8.6	12.3	24.2	66.3	96.8	100.0			98.8	85.5	33.1	9.2	61.2
AI 25	23.1	27.7	47.5	84.5	99.2				100.0	95.3	55.8	27.2	71.7
AI 20	41.6	51.6	69.1	94.1	100.0					99.5	74.8	50.2	81.7
AI 15	60.9	70.2	82.7	98.1						100.0	87.0	70.0	89.1
AI 10	73.6	83.5	89.8	98.9							95.3	85.5	93.9
AI 5	83.1	90.5	94.7	99.5							97.7	91.8	96.4
AI 0	92.2	95.3	97.0	99.9							98.4	96.9	98.3
AI -5	95.8	98.6	98.2	100.0							99.5	99.4	9 3
AI -10	97.6	99.5	99.4								100.0	99.6	99.7
AI -15	99.0	99.7	99.9									100.0	99.9
AI -20	99.6	99.9	100.0										100.0
AI -25	99.9												100.0
AI -30	100.0	100.0											100.0
AI													
AI													
AI													
AI													
AI													
AI													
AI													
AI													
AI													
AI													
AI													
MEAN	16.0	18.6	22.8	32.5	41.9	51.0	56.7	55.1	47.2	37.3	24.8	18.6	35.2
S. D.	11.083	9.969	10.184	8.229	6.626	5.584	3.986	4.000	6.890	7.185	8.975	9.001	16.482
TOTAL OBS	806	729	796	750	775	750	606	806	810	837	810	837	9512

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

93037 COLORADO SPRINGS COLO/PETERSON FD 62-68
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

HEAT

TEMP. (°F)	JAN.	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
85							.1						.0
80						.7	1.7						.2
75						7.1	23.2	13.3	3.0				3.6
70					1.8	30.8	64.5	50.1	12.8	.2			13.4
65			.1	.3	11.1	56.8	90.7	85.4	40.2	3.7			24.1
60			.6	6.1	33.9	79.9	98.3	96.0	66.8	18.8	.1	.1	33.4
55		.5	2.5	19.0	57.2	92.8	99.6	99.0	85.1	39.3	1.4	.4	41.3
50	1.4	3.2	9.8	38.8	77.9	97.2	100.0	99.9	93.2	65.3	11.2	1.7	49.9
45	6.7	10.0	22.7	59.7	88.4	99.2		100.0	96.9	80.0	30.9	9.0	58.6
40	19.2	25.2	41.8	77.3	96.1	100.0			98.6	90.9	48.5	25.2	66.6
35	39.0	43.5	60.1	87.2	99.2				99.4	96.4	67.2	43.7	78.0
30	55.6	60.2	75.1	94.7	99.9				100.0	99.3	81.5	62.4	85.7
25	69.9	76.1	84.8	97.6	100.0					100.0	90.0	77.2	91.3
20	81.4	87.4	91.6	99.3							96.0	88.4	95.3
15	89.6	93.7	96.0	99.7							98.6	94.6	97.7
10	94.7	97.0	98.1	100.0							99.5	98.3	99.0
5	97.6	98.5	98.9								100.0	99.2	99.5
0	98.1	99.3	99.7									99.6	99.7
-5	99.0	99.9	100.0									100.0	99.9
-10	99.6	100.0											100.0
-15	100.0												100.0
MEAN	29.6	31.9	45.1	45.9	55.3	65.3	70.9	69.1	61.6	51.7	36.3	32.0	49.0
S.D	11.625	10.813	11.139	9.495	8.129	7.071	4.679	4.708	7.734	8.254	9.819	10.027	17.228
TOTAL OBS	806	729	796	750	775	750	806	806	810	837	810	837	9512

1210 WS FORM JUL 64 0-21 5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

93037 — STATION
COLORADO SPRINGS CLLO/PETERSON FI — STATION NAME
42-69 — YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
4									86	82	72	66	
4	62	59	75	77	84	93	96	90	84	77	68	62	96
4	62	64	64	64	81	92	93	94	87	78	68	61	94
4	60	66	77	75	89	87	94	93	95	80	✓77	59	95
4	63			78	75	94	96	94	92	82	65	66	
4	63	65	66	75	86	89	96	95	92	✓86	69	66	96
4	63	62					91	92	90	80	70	64	
4	62	64	65	81	81	90	91	91	90	77	73	66	91
5	69	65	67	77	83	99	98	89	86	83	71	63	89
5	66	72	65	75	88	90	96	91	86	79	67	65	96
5	57	63	64	73	81	94	93	92	92	79	71	57	94
5	67	65	71	78	82	94	97	90	89	80	70	58	97
5	65	71	68	80	86	✓100	✓100	✓99	90	83	71	65	100
5	54	61	73	79	83	89	94	92	89	82	72	✓77	94
5	69	66	73	77	85	95	94	92	90	83	73	66	95
5	62	70	64	69	77	92	98	91	86	80	69	70	98
5	64	70	68	75	87	94	95	93	92	83	74	66	95
5	64	64	69	79	83	91	94	94	94	79	70	68	94
6	66	59	73	/81	82	96	97	94	94	80	68	65	97
6	62	68	66	77	87	92	93	89	83	78	65	59	93
6	63	71	71	79	86	92	91	96	89	84	66	63	96
6	66	✓76	= 80	78	87	98	99	96	87	83	71	66	99
6	59	58	69	79	✓92	91	99	95	92	✓86	74	71	99
6	62	61	66	78	81	87	91	89	83	79	70	66	91
6	55	52	76	77	87	91	96	92	87	78	66	62	96
6	65	63	76	77	86	83	90	91	83	84	73	59	91
6	53	60	73	74	81	97	91	86	85	81	67	63	97
MEAN	62.7	65.0	69.8	76.5	83.9	92.0	94.3	92.3	88.6	80.9	69.6	64.6	95.1
S.D.	3.674	3.204	4.430	3.698	3.710	3.742	3.053	2.753	3.553	2.670	3.671	4.282	2.755
TOTAL OBS.	809	707	744	750	775	750	806	806	810	837	810	837	9438

USAF ETAC FORM JUL 64 0-88-5 (OL1)

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

93037 COLORADO SPRINGS COLO/PETERSON FD 42-68
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
4·		22	78 24										MAX TEMP DAYS
4:			65 30										MAX TEMP DAYS
MEAN													
S.D.													
TOTAL OBS.													

USAF ETAC FORM AM 44 0-88-5 (OLI)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

93037 COLORADO SPRINGS COL /PETERSON FD 42-68
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
42									29	24	17	9	
43	-13	13	-13	31	29	36	53	50	30	24	11	10	-13
44	4	3	7	21	26	42	51	44	37	31	6	4	3
45	-5	5	7	7	32	34	42	47	25	16	7	-4	-5
46	0			30	26	39	52	48	32	17	7	-3	
47	0	-1	-5	20	32	33	50	51	35	24	-2	1	-5
48	-18	-8					52	48	37	17	1	2	
49	-11	-5	9	17	33	42	52	48	40	20	22	-4	-11
50	-11	7	-3	16	26	37	49	45	42	31	-7	0	-11
51	-26	-27	7	13	32	32	45	48	29	23	-8	-2	-27
52	4	2	1	19	33	46	42	51	35	20	-7	-1	-7
53	4	-5	11	15	23	47	52	45	39	26	11	1	-5
54	-1	9	-1	21	21	34	55	45	39	18	14	3	-1
55	-1	-6	2	20	33	38	49	46	37	20	-8	3	-8
56	-11	-2	-11	18	33	47	50	43	38	20	5	-2	-11
57	-3	13	14	0	31	40	52	50	33	23	-2	10	-3
58	3	12	1	22	37	43	47	46	34	24	-1	9	-1
59	✓ -21	-10	10	-3	33	42	46	46	26	20	-5	4	-21
60	-4	-11	-8	21	29	43	49	43	38	21	19	7	-11
61	0	6	10	15	30	38	44	49	28	22	11	✓ -13	-13
62	-20	-16	5	19	23	39	50	44	33	29	13	1	-20
63	✓ -21	3	5	26	35	47	55	53	40	27	20	-7	-21
64	-2	-5	-1	20	28	40	50	43	34	24	14	-4	-5
65	8	-5	-7	28	31	40	49	45	27	29	16	1	-7
66	-10	-5	7	13	27	40	55	47	37	23	11	-4	-10
67	1	7	3	23	24	45	47	43	39	23	7	0	0
68	0	9	5	14	27	39	46	43	35	22	10	-1	-1
MEAN	-6.0	-.7	3.4	17.8	29.9	40.1	49..	46.6	34.0	22.9	6.4	.7	-9.0
S.D.	9.406	9.681	7.289	7.993	4.132	4.371	3.742	2.873	4.870	4.051	8.846	5.369	7.599
TOTAL OBS.	806	707	744	750	775	750	806	806	810	837	810	837	9438

USAF ETAC FORM JUL 64 0-88-5 (OL)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

93037 COLORADO SPRINGS COLO/PETERSON FD 42-66
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN.	FEB	MAR	APR	MAY	JUN	JUL.	AUG	SEP	OCT	NOV.	DEC.	ALL MONTHS
66			8	15									MIN. TEMP
		22		24									DAYS
67				-16									MIN. TEMP
				28									DAYS
MEAN													
S.D.													
TOTAL OBS.													

USAF ETAC FORM AIR 64 0-88-5 (OL)

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

93037 — STATION
COLORADO SPRINGS COLORADO — STATION NAME
45-68 — YEARS
JAN — MONTH
PAGE 1 ALL — HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20	21-22	23-24	25	26	27	28	29-30	31	TOTAL DB WB	TOTAL Dry Bulb	Wet Bulb	Dew Point
69/ 67													.0	.0	.0	.0					5	5		
66/ 65												.0	.1	.0	.0						19	19		
64/ 63									.2	.2	.1	.1	.1	.1							41	41		
62/ 61								.2	.0	.0	.1	.1	.1	.1							41	41		
60/ 59							.0		.3	.2	.2	.1	.1								136	136		
58/ 57						.0		.0	.1	.3	.2	.1									121	121		
56/ 55				.0	.0	.0	.0	.1	.2	.3	.2	.0									214	214		
54/ 53						.0	.0	.3	.6	.3	.2										270	270		
52/ 51					.0	.0	.1	.6	.7	.9	.1										343	343		
50/ 49					.0	.1	.4	.4	.6	.3	.0										430	430	2	
48/ 47				.0	.0	.2	.7	1.1	.8	.1											467	462	7	1
46/ 45				.0	.1	.3	1.0	1.3	.3	.0											552	562	8	
44/ 43			.0	.0	.2	.8	1.3	.6	.1												559	553	65	1
42/ 41			.0	.1	.5	1.0	1.2	.3	.0												638	638	142	1
40/ 39		.0	.1	.3	1.1	1.0	1.0	.2													719	719	317	1
38/ 37		.0	.1	.7	1.4	1.5	.5	.0													715	735	550	0
36/ 35	.0	.0	.4	1.0	1.8	1.3	.2	.0													851	851	757	15
34/ 33	.0	.1	.7	1.5	1.7	.7	.1														844	844	944	26
32/ 31	.0	.2	1.1	1.9	1.3	.4	.0														929	929	1385	62
30/ 29	.1	.9	1.7	2.3	1.2	.2															1100	1100	1727	114
28/ 27	.2	1.0	1.9	1.7	.5	.1															940	940	1465	160
26/ 25	.3	1.4	2.2	1.4	.3	.0															967	967	1319	468
24/ 23	.3	1.5	2.1	1.0	.1																861	861	1415	670
22/ 21	.4	2.1	1.9	.6	.1																858	858	1225	89
20/ 19	.6	2.2	1.4	.4	.0																837	837	1232	917
18/ 17	.3	2.1	1.2	.1																	677	679	984	1377
16/ 15	.4	2.1	.7	.1																	551	562	768	1564
14/ 13	.4	1.8	.5	.0																	459	460	671	1644
12/ 11	.4	1.4	.2	.0																	350	351	497	1494
10/ 9	.3	1.2	.2																		323	323	364	1264
8/ 7	.3	1.2	.1																		315	315	306	1349
6/ 5	.6	.8	.1																		234	234	332	1125
4/ 3	.3	.5	.0																		164	164	220	907
2/ 1	.3	.4																			162	162	155	785

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL-1) JUL 64 — REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
1210 WS

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMAR

93037 COLDFOOT SPRINGS COLD-PETERSON FD [illegible] YEARS JA MONTH

PLOT ALL HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL DB & WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
0/-1	.4	.4																165	165	160	577
-2/-3	.4	.4																197	197	123	437
-4/-5	.4	.4																76	76	77	279
-6/-7	.4	.4																77	77	78	283
-8/-9	.1	.1																44	44	47	226
-10/-11	.1	.1																48	48	45	204
-12/-13	.4	.4																15	15	23	84
-14/-15	.1	.4																17	17	23	81
-16/-17	.1	.4																15	15	14	50
-18/-19	.1	.4																15	15	17	54
-20/-21	.4																	1	1	2	33
-22/-23	.4																	2	2	2	25
-24/-25																					20
-26/-27																					10
-28/-29																					5
-30/-31																					5
-32/-33																					2
-34/-35																					1
-36/-37																					3
-38/-39																					2
-40/-41																					4
-42/-43																					1
TOTAL	6.4	72.4	10.6	13.3	10.5	8.9	6.8	5.3	3.0	2.3	1.3	.4	.2	.0	.0			17343	17338	17338	17343

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	[illegible]2065[illegible]	692134	51.4	22.177	17343							
Dry Bulb	18198770	502559	29.0	34.479	17343	28.[illegible]	444.[illegible]	.21				755.[illegible]

FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64 AWS 210

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

93037 — STATION
COLORADO SPRINGS COLO-PETERSON FD — STATION NAME
43-63 — YEARS
FEB — MONTH
PAGE 1 ALL — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29	30	≥31	TOTAL D B /W B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81																						
76/ 75															.0				1	1		
74/ 73														.0					5	5		
72/ 71														.0	.0				5	5		
70/ 69											.0	.1	.0	.1					19	19		
68/ 67											.0	.1	.0	.0					31	31		
66/ 65										.0	.1	.1	.1						38	38		
64/ 63										.1	.1	.2	.1						78	78		
62/ 61									.1	.1	.2	.2	.0						99	99		
60/ 59									.1	.3	.4	.4	.0						156	156		
58/ 57							.0	.0	.3	.5	.4	.1							194	194		
56/ 55							.0	.1	.6	.6	.3	.0							262	262		
54/ 53			.0	.0		.0	.1	.4	.7	.6	.1								289	289		
52/ 51						.0	.3	.4	.8	.4	.0								345	345		
50/ 49			.0	.0	.0	.2	.5	1.0	.9	.2									434	434	6	
48/ 47			.0	.0	.1	.3	.7	1.1	.8	.1									457	457	28	✓
46/ 45				.0	.1	.7	1.2	1.0	.2										523	523	53	
44/ 43		.0	.0	.1	.4	1.0	1.3	.7	.1										555	555	126	2✓
42/ 41		.0	.0	.2	.9	1.3	1.3	.3	.0										696	696	261	4
40/ 39	.0	.0	.1	.5	1.3	1.3	.7	.2											690	690	480	2
38/ 37		.1	.2	1.1	1.7	1.2	.4												742	742	630	12
36/ 35	.0	.2	.7	1.4	1.5	1.0	.2												765	765	865	14
34/ 33	.0	.3	1.1	1.7	1.6	.3	.0												852	852	1019	34
32/ 31	.1	.9	1.6	1.7	1.2	.3	.0												921	921	1369	120
30/ 29	.2	1.4	1.9	1.9	.8	.2													1008	1008	1401	278
28/ 27	.6	1.8	1.9	1.4	.4	.0													965	965	1505	327
26/ 25	.7	1.9	1.8	1.1	.2	.0													915	915	1483	748
24/ 23	.9	2.2	1.6	.7	.1														869	869	1261	996
22/ 21	.9	2.2	1.3	.4	.0														765	765	1094	1311
20/ 19	1.0	2.3	.9	.3	.0														699	701	1013	1164
18/ 17	.7	1.8	.7	.1															528	529	777	1477
16/ 15	.6	1.5	.5	.0															407	407	579	1405
14/ 13	.4	1.2	.3	.0															294	294	515	1324
12/ 11	.4	1.0	.2																253	253	312	1347

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL1) JUL 64 — REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
1210 WS-

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

93037 COLORADO SPRINGS COLO-PETERSON FD 61-65 FEB
STATION / STATION NAME / YEARS / MONTH

PAGE 2 ALL
HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	- 31	TOTAL D B /W B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
10/ 9	.1	.2	.2															174	174	237	1044
8/ 7	.3	.5	.1															142	143	195	925
6/ 5	.4	.4	.0															137	138	141	782
4/ 3	.3	.5																139	139	145	566
2/ 1	.2	.3																102	102	107	477
0/- 1	.2	.3																66	66	97	310
- 2/- 3	.1	.2																49	49	48	249
- 4/- 5	.1	.1																18	18	39	256
- 6/- 7	.1	.1																16	16	15	213
- 8/- 9	.1	.1																19	19	21	147
-10/-11	.0	.0																4	4	5	114
-12/-13	.0																	5	5	5	66
-14/-15	.0																	3	3	3	31
-16/-17																					25
-18/-19	.0																	1	1	1	11
-20/-21																					2
-22/-23	.0																	2	2	2	5
-24/-25	.0																	5	5	5	2
-26/-27	.0																	1	1	1	1
-30/-31																					7
-34/-35																					1
TOTAL	5,9	22,2	15,2	12,7	10,3	8,7	6,6	5,4	4,2	2,8	1,7	,5	,3	,1	,0			15763		15764	
																	15757		15758		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	53238183	636301	53,1	23,720	15763							
Dry Bulb	1896955,7	501997	31,8	13,756	15763	8,1	363,6	2,6	,2			672,0
Wet Bulb	11378574	400919	25,4	9,853	15750	10,3	523,8					672,0
Dew Point	4247627	213909	13,6	9,237	15764	60,4	668,9					672,0

FORM 1210 WS JUL 64 0-26-5 (OLI) REVISED PREV. JUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

93037 STATION | COLORADO SPRINGS (COLO-PETERSON FLD) STATION NAME | 43-65 YEARS | MAY MONTH

P-06 1 ALL HOURS (S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D B /W B	TOTAL Dry Bulb	Wet Bulb	Dew Point
80/ 79															•9			2	2		
78/ 77														•6	•3	•1		3	3		
76/ 75														•3	•2	•0		5	5		
74/ 73													•0	•8	•4	•0		13	13		
72/ 71													•0	•6	•3	•1		19	19		
70/ 69												•0	•1	•4	•0			55	55		
68/ 67											•0	•1	•2	•2	•0			87	87		
66/ 65										•0	•1	•2	•2	•1				130	130		
64/ 63								•0		•1	•1	•2	•2	•0				170	170		
62/ 61							•0	•0	•0	•2	•5	•5	•3					234	234		
60/ 59							•0	•1	•1	•3	•5	•5	•3					315	315		
58/ 57						•0	•0	•1	•3	•5	•6	•3						325	325		
56/ 55							•1	•2	•7	•7	•3							403	403		
54/ 53				•0		•0	•1	•2	•3	•8	•2							446	446		
52/ 51					•0	•0	•2	•5	•9	1•9	•0							518	518	5	
50/ 49					•0	•0	•3	•4	1•1	•6								572	572	9	
48/ 47					•0	•1	•0	1•2	1•1	•6								643	643	31	
46/ 45			•0	•0	•1	•4	1•0	1•3	1•1	•2								707	707	106	
44/ 43			•0	•0	•2	•7	1•2	1•3	•9	•0								730	730	219	
42/ 41			•0	•2	•9	1•1	1•0	•9	•2	•0								753	753	327	
40/ 39	•0	•0	•2	•6	1•5	1•5	•7	•1										878	878	989	14
38/ 37	•0	•1	•3	1•2	1•3	1•2	•3	•0										864	864	1121	29
36/ 35	•1	•3	1•2	1•5	1•5	•9	•1	•0										935	962	1423	82
34/ 33	•1	1•0	1•4	1•6	1•3	•5	•0											990	990	1361	157
32/ 31	•3	1•4	1•8	1•4	•8	•2	•0											1035	1035	1767	405
30/ 29	•3	2•0	1•9	1•3	•8	•2												1078	1078	1618	550
28/ 27	•5	2•1	1•5	•8	•3	•0												912	912	1535	949
26/ 25	•7	2•3	1•4	•6	•2													885	885	1465	1140
24/ 23	•7	2•2	1•3	•4	•2													766	766	1169	1471
22/ 21	•7	1•9	•8	•2	•0													596	596	917	1487
20/ 19	•5	2•0	•8	•1														559	559	768	1323
18/ 17	•5	1•3	•4	•1		•0												382	382	627	1627
16/ 15	•3	•7	•2	•0														249	249	388	1336
14/ 13	•3	•3	•1	•0														200	200	269	1399

Element (X)	Σx	Σx	x̄	σx	No. Obs	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64 1210 WS

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

23037	COLORADO SPRINGS COLO-PETERSON FD	43-69	MAY
STATION	STATION NAME	YEARS	MONTH

0500 / ALL
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D B /W B	TOTAL Dry Bulb	Wet Bulb	Dew Point
107 110	.4	.7	.1															168	168	1137
100 106	.2	.7	.0															136	136	167	917
97 99	.3	.4	.0															106	107	126	775
94 96	.4	.4	.0															103	103	141	769
91 93	.2	.2																54	54	76	520
88 90	.1	.2																60	60	59	456
85 87	.1	.1																26	26	44	317
82 84	.1	.1																23	23	24	176
79 81	.1	.1																16	15	17	141
76 78	.1	.1																18	18	19	125
73 75	.1	.0																13	13	16	75
70 72	.0	.0																9	9	9	75
67 69	.0	.0																8	8	6	34
64 66	.0																	3	3	4	20
61 63	.0																	1	1	1	27
58 60																					11
55 57																					6
52 54																					5
49 51																					2
~~46 48~~																					4
TOTAL	0.0	21.7	13.3	10.3	10.2	9.3	7.4	6.0	4.6	4.0	2.9	1.7	.9	.3	.2	.0	.0	17267	17269		17269

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	56677559	890489	51.6	24.930	17267							
Dry Bulb	25347908	610488	35.7	12.905	17268	5.0	320.3	7.7	1.0			744.0
Wet Bulb	15216349	488903	28.3	8.923	17269	6.0	493.8					744.0
Dew Point	8839473	273857	15.9	9.389	17269	45.2	730.3					744.0

FORM 1210 WS JUL 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

93037 | COLORADO SPRINGS GOLD-PETERSON FI | 43-47,49-66 | APR

STATION | STATION NAME | YEARS | MONTH

PAGE 1 ALL

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																						TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	31					
207 / 79																.0	.0	12	12		
71 / 77													.0	.0	.1	.1	.0	37	37		
77 / 75												.0	.1	.2	.2	.2	.1	114	114		
74 / 73												.0	.2	.3	.3	.1		157	157		
72 / 71										.0	.2	.3	.3	.4	.2	.0		212	212		
70 / 69										.0	.2	.4	.5	.6	.1			290	290		
68 / 67									.0	.1	.1	.6	.6	.3	.0			318	318		
66 / 65							.0	.0	.2	.2	.0	.7	.5	.1				372	372		
64 / 63						.0	.1	.1	.2	.3	.1	.6	.3					405	405		
62 / 61				.0		.0	.1	.1	.4	.0	.7	.5	.1					454	454		
60 / 59						.1	.2	.2	.0	.0	.0	.3						556	556		
58 / 57			.0		.0	.1	.1	.0	.0	.3	.5	.1						552	552		
56 / 55				.0	.1	.3	.0	.1	1.1	.7	.4	.0						695	695	4	
54 / 53			.0	.1	.2	.7	.9	1.1	1.0	.5	.2							740	740	9	1
52 / 51		.0	.1	.2	.4	.8	1.2	1.1	.5	.4	.0							776	776	66	6
50 / 49		.0	.2	.4	.8	1.1	1.1	.9	.6	.1								838	837	284	3
48 / 47	.0	.2	.5	.9	1.0	1.1	1.0	.6	.3	.0								840	841	625	12
46 / 45	.1	.4	.8	.8	1.2	1.1	1.0	.5	.1									926	927	799	48
44 / 43	.1	.2	.4	.9	1.1	.9	.9	.3	.0									865	860	1268	123
42 / 41	.2	.6	.9	1.0	1.0	.9	.5	.1										856	856	1522	201
40 / 39	.2	.4	1.6	1.4	1.2	.7	.3	.0										963	963	1820	317
38 / 37	.2	1.3	1.3	1.2	.8	.4	.1											873	873	1595	508
36 / 35	.4	1.4	1.5	.9	.8	.3	.1											850	850	1618	702
34 / 33	.5	1.5	1.4	.8	.3	.1	.0											705	705	1389	1014
32 / 31	.7	1.3	1.3	.8	.2	.0												656	656	1313	1160
30 / 29	.8	1.5	1.2	.4	.1	.0												624	624	1029	1280
28 / 27	.4	1.4	.8	.2	.0													439	439	847	1121
26 / 25	.4	1.1	.8	.1	.0													336	336	651	1336
24 / 23	.2	.8	.5	.0	.0													216	216	396	1342
22 / 21	.3	.8	.1	.0														157	157	283	1312
20 / 19	.2	.3	.0															89	89	153	1002
18 / 17	.2	.2	.0															61	61	82	940
16 / 15	.1	.1																24	24	42	835
14 / 13	.1	.1																22	22	26	656

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

1210 WS FORM 0-26-5 (OL-1) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

93037 — STATION
COLOR.DO SPRINGS COLO-PETERSON FI — STATION NAME
43-47,49-52 — YEARS
APR — MONTH
PAGE 1 ALL — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D B /W B	TOTAL Dry Bulb	Wet Bulb	Dew Point
12/ 11	.0	.0																10	10	10	360
10/ 9		.1																9	9	9	399
8/ 7	.0	.0																7	7	7	377
6/ 5	.0	.0																6	6	6	255
4/ 3	.0	.0																4	4	4	181
2/ 1	.1																	3	3	3	150
0/- 1	.0																	2	2	2	93
- 2/- 3																					74
- 4/- 5																					44
- 6/- 7																					27
- 8/- 9																					14
-10/-11																					4
-16/-17																					1
-20/-21																					1
TOTAL	5.0	14.1	12.4	9.0	8.7	8.6	8.2	7.3	6.2	5.3	4.7	3.8	2.5	1.7	1.0	.4	.1	10068	10072	10068	10068

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	30837065	795813	49.7	20.359	16068							
Dry Bulb	36381129	739207	45.7	13.080	16072	.1	119.4	51.0	14.3	.3		720.0
Wet Bulb	21807889	580183	36.1	7.310	16068	.1	218.3					720.0
Dew Point	10414107	376305	23.5	7.058	16068	11.8	388.7					720.0

FORM 0-26-5 (OLI) JUL 64 — REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
1210 WS

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

93037 STATION | COLORADO SPRINGS [illegible] AP STATION NAME | [illegible] YEARS | MAY MONTH

PAGE 1 ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D B / W B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91																	•0	2	2		
90/ 89																	•0	1	1		
88/ 87																	•0	6	6		
86/ 85																	•0	24	34		
84/ 83															•0	•1	•2	52	62		
82/ 81													•2	•1	•2	•2	•2	113	113		
80/ 79											•0	•0	•1	•3	•3	•4	•2	206	206		
78/ 77										•0	•0	•1	•2	•4	•5	•5	•2	263	444		
76/ 75							•3	•3	•0	•1	•1	•2	•3	•5	•7	•2		400	401		
74/ 73							•0	•4	•3	•2	•3	•5	•7	•8	•3	•2		427	435	1	
72/ 71							•0	•2	•1	•3	•4	•7	•8	•4	•1			441	452		1
70/ 69						•0	•0	•1	•3	•3	•5	1•0	•5	•3	•0			546	556		
68/ 67						•1	•2	•3	•5	•7	•9	•7	•5	•7				587	611		
66/ 65				•0	•0	•2	•3	•5	•6	•8	•9	•3	•2	•1				700	719	1	
64/ 63				•0	•1	•3	•5	•6	•8	•7	•7	•3	•1					774	746	1	
62/ 61			•0	•1	•3	•5	•7	•9	•9	•6	•6	•3	•0					825	850	7	1
60/ 59	•0	•0	•1	•4	•6	•8	•7	1•0	•8	•5	•3	•1						854	899	25	
58/ 57	•0	•0	•2	•5	•7	•9	•9	•9	•6	•4	•2	•0						857	886	90	5
56/ 55		•2	•4	•8	•9	•9	•9	•8	•5	•3	•1							691	915	292	10
54/ 53		•4	•7	1•0	1•0	•9	•6	•4	•4	•2	•0							922	949	721	41
52/ 51	•1	•7	1•0	1•2	1•3	1•0	•6	•4	•2	•1								1045	1100	1229	176
50/ 49	•2	1•0	1•4	1•4	•9	•7	•4	•3	•2	•0								1047	1059	1861	327
48/ 47	•1	1•2	1•4	1•5	1•0	•4	•2	•3	•0									964	1019	2145	519
46/ 45	•2	1•4	1•7	1•1	•6	•3	•3	•1	•0									910	963	2032	724
44/ 43	•3	1•6	1•4	•7	•4	•3	•2	•1										740	792	1601	1026
42/ 41	•4	1•7	•9	•5	•3	•1	•2	•0										644	683	1397	1212
40/ 39	•3	1•0	•7	•6	•3	•1	•0											564	599	1342	1254
38/ 37	•3	1•2	•6	•2	•1	•1												389	414	979	1404
36/ 35	•2	1•1	•9	•1	•1	•0												316	331	716	1338
34/ 33	•3	•6	•3	•1	•0	•0												223	243	496	1291
32/ 31	•2	•3	•1	•0		•0												103	115	307	1176
30/ 29	•1	•1	•1	•0	•0													33	61	172	922
28/ 27	•1	•2	•0															46	51	69	753
26/ 25	•0	•1	•0															24	26	46	713

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	> 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL-1) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1210 WS.

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

93037 COLORADO SPRINGS COLORADO PETERSON FI 43-47,49-67 MAY
STATION STATION NAME YEARS MONTH

PAGE 2 ALL
HOURS L S T:

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	- 31	D B /W B	Dry Bulb	Wet Bulb	Dew Point
29/ 23																					
22/ 21																		7	2	7	510
20/ 19																					
18/ 17																					377
16/ 15																					
14/ 13																					242
12/ 11																					
10/ 9																					131
8/ 7																					
6/ 5																					86
4/ 3																					
2/ 1																					47
0/- 1																					
- 2/- 3																					23
- 4/- 5																					
- 6/- 7																					4
- 8/- 9																					
TOTAL	2,9	13,1	11,6	9,7	8,5	7,0	7,0	6,4	6,2	5,7	5,1	4,5	3,6	2,9	2,2	1,5	1,0		10009		15975
																		15976		15976	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	33911124	820090	51,3	20,810	15975							
Dry Bulb	52860080	915856	59,1	11,781	15869		11,7	141,0	69,3	19,1		744,0
Wet Bulb	31907176	707175	44,3	8,120	15976		29,9					744,0
Dew Point	19234108	529490	33,1	10,208	15975	2,0	309,0					744,0

FORM 0-26.5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64 1210 WS

DATA PROCESSING DIVISION
ETAC/ USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

93037 — STATION
COLORADO SPRINGS COLO-PETERSON FD — STATION NAME
43-47,49-65 — YEARS
JUL — MONTH
PAGE 1 ALL — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																						TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15	16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≤ 31								
100/ 99																		.0	2	2						
98/ 97																		.1	8	8						
96/ 95																		.1	18	18						
94/ 93																		.2	38	38						
92/ 91																	.0	.2	87	91						
90/ 89												.0		.0		.0	.1	.2	166	172						
88/ 87														.0	.1	.2	.4	1.3	303	313						
86/ 85													.0	.1	.2	.5	.6	1.3	413	421						
84/ 83											.0	.0	.0	.3	.3	.7	.8	.7	449	457						
82/ 81										.0	.0	.1	.3	.5	.8	.7	.4	.4	500	503						
80/ 79									.0	.0	.0	.4	.5	.6	.8	.6	.4	.1	576	583						
78/ 77								.0	.1	.3	.6	.7	.7	.6	.3	.2	.0		587	596						
76/ 75							.0	.1	.3	.6	.7	1.0	.6	.5	.2	.1			695	670						
74/ 73						.0	.1	.3	.7	.6	.6	.6	.6	.3	.1	.0			702	711						
72/ 71					.0	.0	.1	.0	.6	.6	.8	.8	.4	.2	.0				716	724						
70/ 69			.0	.0	.0	.3	.6	1.0	1.1	1.0	.7	.4	.3	.1	.0				854	867	1					
68/ 67			.0	.0	.2	.7	.9	1.1	.8	.6	.5	.3	.2	.0					837	866						
66/ 65			.0	.2	.5	.8	1.0	1.1	.7	.5	.3	.2	.0						894	902	3					
64/ 63		.0	.2	.4	.8	1.1	1.0	.8	.5	.4	.3	.1	.0						913	920	53	1				
62/ 61		.1	.4	.8	1.1	1.2	1.0	.8	.4	.3	.2	.1							954	1003	201	8				
60/ 59	.0	.3	.7	1.1	1.3	1.2	.7	.4	.3	.2	.1	.0							1017	1033	739	39				
58/ 57	.1	.5	1.2	1.4	1.2	.9	.4	.3	.2	.1	.0								1003	1012	1457	133				
56/ 55	.1	.8	1.4	1.6	1.0	.7	.3	.2	.1	.0									992	1001	2284	339				
54/ 53	.1	1.1	1.5	1.3	.6	.4	.2	.1	.0										884	878	2452	551				
52/ 51	.1	1.0	1.3	.9	.6	.3	.1	.1											740	749	2393	911				
50/ 49	.2	1.1	1.0	.5	.2	.1	.1	.0	.0										516	521	2128	1250				
48/ 47	.2	.9	.7	.4	.2	.0	.1	.0	.0										406	416	1541	1504				
46/ 45	.1	.6	.3	.2	.1	.0	.0												223	230	1049	1496				
44/ 43	.0	.3	.2	.1	.1	.0	.0												115	120	648	1402				
42/ 41	.0	.3	.2	.1	.0														101	107	400	1334				
40/ 39	.1	.2	.1	.0	.0														66	68	245	1165				
38/ 37	.0	.0	.1																18	18	129	928				
36/ 35	.0	.1	.0																20	20	76	815				
34/ 33	.0	.1	.0																17	17	37	683				

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL-1) JUL 84 — REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
1210-WS

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 43-47,49-52 YEARS | JUL MONTH

PAGE 2 ALL HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D B /W B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
32/ 31	,0	,0																		17	509
30/ 29																					509
28/ 27																					442
26/ 25																					396
24/ 23																					299
22/ 21																					285
20/ 19																					192
18/ 17																					163
16/ 15																					131
14/ 13																					65
12/ 11																					69
10/ 9																					51
8/ 7																					37
6/ 5																					14
4/ 3																					10
2/ 1																					24
+/ 5																					1
TOTAL	1,0	7,7	9,4	9,0	8,0	7,9	6,9	7,0	6,3	5,6	5,9	5,1	4,4	3,8	3,4	3,0	5,6	16069		15833	
																		15834		15834	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	959811[illegible]	759504	47,7	25,163	15934							
Dry Bulb	70[illegible]9316	1049960	65,3	11,816	16069		,2	319,9	203,6	105,2	1,0	720,0
Wet Bulb	42265031	913981	51,4	5,198	15834		,8	,0				720,0
Dew Point	27197573	636943	40,2	5,971	15833	,4	148,6					720,0

FORM 0-26-5 (OL-1) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1210 WS

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

93037 — STATION
COLORADO SPRINGS CITY-PETERSON FI... — STATION NAME
A[illegible]-B — YEARS
JUL — MONTH
0600 1 ALL — HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL DB WB	TOTAL Dry Bulb	Wet Bulb	Dew Point
98/ 97																	.0	*	*		
96/ 95																.3	.6	37	32		
94/ 93															.0	.0	.0	72	72		
92/ 91													.0	.0	.1	.2	.7	167	167		
90/ 89												.0	.2	.4	.5	.5	.9	339	339		
88/ 87												.0	.3	.5	.7	.7	.6	504	504		
86/ 85										.0	.0	.4	.5	1.0	.5	.5	.4	712	712		
84/ 83									.0	.0	.0	.7	1.1	.6	.7	.4	.1	748	748		
82/ 81								.0	.1	.1	.1	1.1	1.0	.7	.3	.1	.0	749	749		
80/ 79							.1	.1	.4	.5	1.1	.5	.6	.4	.1	.0		795	795		
78/ 77					.0	.0	.1	.3	.7	1.2	1.1	.8	.4	.2	.0			837	837		
76/ 75						.1	.3	.7	1.4	1.3	.9	.4	.1	.1	.0			881	881		
74/ 73				.0	.0	.2	.5	1.3	1.3	.5	.3	.2	.1	.0				902	902		
72/ 71			.0	.0	.2	.6	1.2	1.3	1.1	.6	.3	.1	.1	.0				966	966		
70/ 69			.0	.1	.3	1.1	1.7	1.5	.7	.4	.1	.1	.0					1142	1142	26	
68/ 67			.0	.5	1.2	1.9	1.5	1.1	.6	.3	.0	.0						1241	1241	16	1
66/ 65			.3	1.3	2.0	1.8	1.3	.8	.3	.0	.0	.0						1344	1344	150	6
64/ 63		.1	1.0	1.7	1.8	1.4	.9	.3	.2	.1	.0	.0						1249	1249	669	12
62/ 61	.0	.7	1.6	2.0	1.9	1.0	.4	.2	.0	.0	.0							1300	1300	1753	73
60/ 59	.1	1.2	2.3	1.7	1.0	.5	.2	.0	.0	.0								1234	1234	3253	370
58/ 57	.1	1.3	1.9	1.1	.6	.2	.1	.0	.0									897	897	3841	993
56/ 55	.2	1.3	1.4	.6	.2	.1	.0	.0										646	646	3322	1635
54/ 53	.1	.9	.5	.2	.1	.0	.0	.0										305	305	2765	2104
52/ 51	.0	.4	.2	.1	.0	.0	.0											120	120	1759	2236
50/ 49		.1	.1	.1														44	44	638	2245
48/ 47		.1	.0	.0														18	18	228	1813
46/ 45		.0	.0															12	14	101	1341
44/ 43		.0																5	5	40	1083
42/ 41		.0																2	2	15	849
40/ 39																				1	725
38/ 37																					525
36/ 35																					327
34/ 33																					285
32/ 31																					221

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM JUL 64 0-26-3 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
1210. WS

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

93037 STATION | COLORADO SPRINGS [illegible] STATION NAME | [illegible] YEARS | [illegible] MONTH

PART A ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
30/ 29																						122
28/ 27																						100
26/ 25																						71
24/ 23																						54
22/ 21																						39
20/ 19																						27
18/ 17																						17
16/ 15																						57
14/ 13																						7
TOTAL	.4	0.4	9.2	9.4	9.4	7.5	8.1	7.4	6.8	5.3	5.2	4.1	4.0	4.2	3.3	2.0	3.4	17351	17351	17351	17351	17352

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	34488902	1220112	51.3	22.359	17351							
Dry Bulb	87272734	1218112	70.2	10.061	17351			433.7	290.1	161.3	4.8	744.0
Wet Bulb	56075171	984207	56.7	5.778	17351			[illegible]	[illegible]			744.0
Dew Point	41072960	834594	48.1	7.329	17352	[illegible]	29.3	[illegible]	[illegible]			744.0

FORM 1210 WS JUL 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

93037 — STATION
COLORADO SPRINGS CO[illegible] — STATION NAME
43-62 — YEARS
AUG — MONTH
PAGE 1 ALL — HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D B /W B	TOTAL Dry Bulb	Wet Bulb	Dew Point
100/ 99																	,0	1	1		
96/ 95																,0	,0	2	8		
94/ 93															,0	,0	,2	39	39		
92/ 91														,0	,0	,1	,4	73	93		
90/ 89												,0	,0	,1	,1	,2	,3	177	190		
88/ 87											,0	,0	,1	,3	,5	,5	,7	334	338		
86/ 85											,1	,1	,3	,6	,8	,8	,4	549	557		
84/ 83										,0	,2	,5	,9	1,1	,8	,9	,1	649	665		
82/ 81									,0	,2	,5	,9	1,1	,8	,5	,2	,0	701	721		
80/ 79								,0	,2	,6	1,1	1,1	1,0	,5	,2	,1		829	852		
78/ 77							,0	,2	,6	1,1	1,0	,8	,6	,2	,0			777	794		
76/ 75						,0	,3	,6	1,1	1,2	1,0	,6	,3	,1	,0			848	873		
74/ 73					,0	,2	,6	1,0	1,2	,9	,6	,3	,1	,0	,0			825	843		
72/ 71				,0	,1	,6	1,0	1,2	1,0	,6	,4	,2	,1	,0				890	924		
70/ 69				,1	,3	1,0	1,2	1,3	,9	,4	,3	,1	,0	,0				1014	1040		
68/ 67			,0	,4	1,0	1,3	1,4	1,1	,5	,3	,2	,0	,0					1042	1082	5	
66/ 65		,0	,3	1,1	1,7	1,5	1,3	,8	,4	,2	,1	,0						1276	1318	69	1
64/ 63		,2	1,1	1,6	1,6	1,4	,9	,6	,2	,1		,0	,0					1306	1340	472	7
62/ 61	,6	,9	1,6	1,9	1,5	1,1	,7	,3	,1	,0								1355	1390	1339	70
60/ 59	,1	1,6	2,1	2,0	1,3	,8	,5	,1	,1	,0								1452	1512	2687	380
58/ 57	,1	1,3	1,7	1,4	,7	,3	,2	,1	,0	,0								1365	1116	3355	944
56/ 55	,2	1,2	1,3	,7	,5	,1	,1	,0	,0									693	722	3129	1489
54/ 53	,1	,8	,7	,4	,2	,1	,0		,0									398	421	2419	1680
52/ 51	,2	,5	,3	,2	,1	,0	,0	,0	,0									230	249	1543	1912
50/ 49	,2	,3	,2	,1	,1	,0	,0											132	143	950	1990
48/ 47	,1	,1	,1	,0	,0	,0												61	61	469	1764
46/ 45	,0	,0	,0	,0	,0													29	29	199	1498
44/ 43	,0	,0	,0	,0														8	8	97	1095
42/ 41																				42	1032
40/ 39																				31	772
38/ 37																				9	572
36/ 35																					434
34/ 33																					350
32/ 31																					255

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 1210 WS (JUL 62) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

93037 STATION | COLORADO SPRINGS COLO-PETERSON FI STATION NAME | 41-69 YEARS | AUG MONTH

PAGE 4 ALL HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21	22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D B / W B	TOTAL Dry Bulb	Wet Bulb	Dew Point
30/ 26																						155
28/ 27																						147
29/ 25																						109
24/ 23																						46
22/ 21																						57
20/ 19																						29
18/ 17																						8
16/ 15																						13
14/ 13																						4
12/ 11																						2
10/ 9																						2
8/ 7																						24
4/ 3																						1
2/ 1																						1
TOTAL	1.1	7.0	9.5	10.1	9.4	8.9	8.4	7.5	6.5	5.6	5.4	4.8	4.7	4.0	3.0	2.0	2.4	16814	17351	16815		16814

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	550600908	880826	52.4	23.023	16814							
Dry Bulb	833789350	1190349	68.6	9.941	17351			367.1	257.1	132.0	1.3	744.0
Wet Bulb	520742241	930544	55.0	9.193	16815			.2				744.0
Dew Point	386370049	795492	47.3	7.717	16814		30.5					744.0

FORM 1210 WS JUL 64 0-26-5 (OL1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

93037 COLORADO SPRINGS COLO-PETERSON FD [illegible] SEP
STATION STATION NAME YEARS MONTH

PAGE 1 ALL
HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D B /W B	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31			Dry Bulb	Wet Bulb	Dew Point
94/ 93																	.0		3	3		
92/ 91																.1	.2		37	37		
90/ 89													.0	.0	.1	.1	.2		70	70		
88/ 87												.0		.0	.1	.1	.4		115	115		
86/ 85												.0	.0	.1	.1	.3	.7		217	217		
84/ 83											.0	.0	.2	.2	.3	.5	.5		319	319		
82/ 81										.0	.1	.1	.3	.3	.5	.7	.2		390	390		
80/ 79									.0	.1	.1	.4	.4	.7	1.0	.4	.1		586	586		
78/ 77							.0	.0	.0	.1	.2	.4	.8	1.0	.5	.2	.0		595	595		
76/ 75							.0	.1	.2	.3	.3	.5	1.1	.7	.3	.1			724	724		
74/ 73						.0	.1	.2	.2	.5	.7	.9	1.0	.3	.1	.0			701	701		
72/ 71					.0	.1	.2	.3	.5	.7	.9	.8	.5	.1	.0	.0			711	711		
70/ 69					.0	.1	.3	.3	.7	1.0	.6	.7	.3	.0					752	752		
68/ 67				.0	.2	.3	.4	.6	.9	1.0	.7	.4	.1	.0					805	805		
66/ 65			.0	.1	.3	.4	.5	1.0	1.0	.9	.6	.2	.0	.0					908	909	6	
64/ 63		.0	.1	.2	.4	.6	.7	1.1	1.0	.9	.5	.1							945	946	36	
62/ 61		.1	.3	.4	.5	.7	1.0	.9	1.0	.8	.1	.0							981	981	159	1
60/ 59	.0	.2	.4	.6	.8	1.0	1.2	1.0	.8	.2	.0								1142	1142	455	36
58/ 57	.0	.4	.6	.6	.9	1.1	1.1	.8	.3	.1									1045	1045	763	111
56/ 55	.1	.5	.8	.6	1.0	1.1	1.2	.8	.2	.0									1096	1096	1246	230
54/ 53	.2	.7	.8	1.0	1.0	1.1	.7	.6	.1										1003	1003	2028	390
52/ 51	.1	1.0	.9	.9	.9	.9	.5	.2	.0										932	932	2370	520
50/ 49	.2	1.0	1.0	1.1	1.0	.7	.2	.1											924	924	2316	705
48/ 47	.2	.7	1.0	.8	.7	.4	.1	.0											699	699	2118	894
46/ 45	.1	.7	1.0	.8	.4	.2	.1												557	557	1832	1076
44/ 43	.2	.5	.6	.4	.3	.0													349	349	1397	1243
42/ 41	.1	.3	.3	.3	.1	.0													284	284	1000	1406
40/ 39	.1	.4	.4	.2	.0														201	201	725	1543
38/ 37	.1	.4	.2	.1	.0														156	156	430	1441
36/ 35	.1	.3	.2	.0															99	99	310	1421
34/ 33	.1	.2	.1	.0															63	63	148	1481
32/ 31	.1	.1	.0	.0															53	53	98	1280
30/ 29	.1	.1	.0																25	25	44	1086
28/ 27	.0	.1																	15	15	19	771

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64 1210 WS

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

93037 — STATION
COLORADO SPRINGS (DELTA-PETERSON) CO — STATION NAME
[illegible] — YEARS
[illegible] — MONTH
[illegible] — HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D B /W B	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
207 23	[illegible]	[illegible]																	6	0	21	387
24/ 23																						[illegible]
227 21																						257
20/ 19																						192
187 17																						142
16/ 13																						100
147 13																						52
12/ 11																						36
107 9																						24
8/ 7																						14
67 5																						10
4/ 3																						5
27 1																						2
TOTAL	1,5	7,4	8,6	8,5	8,6	8,7	8,3	7,4	6,9	6,5	5,2	4,6	4,9	3,6	3,2	2,5	2,3		[7511]	17512	[7511]	17511
																			[7511]		[7511]	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	303290[illegible]	837055	47,8	29,274	17511							
Dry Bulb	089969295	1077969	61,6	12,217	17512		4,1	241,0	154,0	59,0	1,1	720,0
Wet Bulb	41915001	650113	48,5	6,069	17511		7,1					720,0
Dew Point	20044208	656788	37,5	8,973	17511		206,0					720,0

FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64 1210 WS

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

23037	COLORADO SPRINGS LOCKHEED, FI	62-66	OCT
STATION	STATION NAME	YEARS	MONTH

PAGE 1 ALL
HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D B / W B	Dry Bulb	Wet Bulb	Dew Point
80/ 65																	,0	2	2			
84/ 82														,0	,0	,0	,0	14	14			
82/ 81													,0	,0	,1	,0	,1	30	30			
80/ 79												,4	,1	,1	,2	,2	,1	143	123			
77/ 77												,0	,4	,4	,3	,2	,1	180	180			
76/ 75										,0	,1	,1	,4	,4	,5	,2	,0	314	314			
74/ 73									,0	,0	,1	,3	,5	,6	,4	,0		361	362			
72/ 71									,0	,0	,2	,3	,5	,6	,3	,0		418	420			
70/ 69							,0	,0	,1	,2	,1	,2	,5	,4	,4			529	530			
68/ 67						,0	,0	,0	,2	,3	,7	,3	,5	,2	,0			550	550			
66/ 65					,0	,0	,0	,1	,4	,7	1,0	,3	,3	,0				603	606			
64/ 63					,0	,0	,1	,3	,6	,9	,7	,3	,1	,0				619	620			
62/ 61					,0	,1	,2	,5	,9	1,1	,7	,3	,0					672	670	1	,1	
60/ 59				,0	,1	,1	,4	,6	1,2	1,3	,3	,1						760	762	1		
58/ 57	,0	,0	,0	,1	,1	,3	,6	1,0	1,2	,6	,4	,2						790	793	18	,1	
56/ 55	,0	,0	,1	,2	,3	,6	1,1	1,3	,9	,5	,1							828	833	82	3	
54/ 53		,0	,1	,3	,4	,9	1,0	,9	,8	,2	,0							815	817	221	,2	
52/ 51	,0	,1	,3	,3	,7	1,1	1,3	1,0	,6	,1	,0							1018	1020	901	31	
50/ 49	,0	,2	,4	,5	,9	1,3	1,2	,9	,3	,0								1055	1061	976	55	
48/ 47	,1	,3	,5	,8	1,2	1,3	1,0	,7	,1									1133	1137	1451	96	
46/ 45	,2	,5	,7	1,0	1,3	1,3	,8	,3	,0	,0								1142	1154	1804	256	
44/ 43	,2	,7	,9	1,1	1,4	1,0	,7	,2	,0									1094	1100	1943	345	
42/ 41	,2	,5	1,0	1,2	1,3	,7	,4	,1	,0									1032	1037	1866	394	
40/ 39	,3	,6	1,3	1,0	1,0	,6	,2	,0										990	992	1803	665	
38/ 37	,2	,6	1,0	,9	,7	,2	,0											709	710	1786	902	
36/ 35	,2	1,0	,9	,8	,4	,1												594	594	1507	1004	
34/ 33	,3	1,2	,7	,5	,2	,1												531	531	1231	1343	
32/ 31	,4	,7	,6	,3	,1													376	376	1039	1716	
30/ 29	,4	,5	,4	,2	,0													265	265	735	1618	
28/ 27	,3	,5	,3	,1														181	181	403	1424	
26/ 25	,3	,4	,1	,0														119	119	297	1367	
24/ 23	,1	,2	,0	,0														61	61	156	1340	
22/ 21	,0	,1	,0															23	23	52	1169	
20/ 19	,0	,0	,0															10	10	24	935	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 1210 WS JUL 64 0-26-5 (OL.1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

93037 — STATION
COLORADO SPRINGS [illegible] FO — STATION NAME
4.[illegible] — YEARS
OCT — MONTH
DATE . ALL — HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D B - W B	Dry Bulb	Wet Bulb	Dew Point
107 17																					1
107 15																				2	1
147 13																					4
127 11																					5
107 9																					2
87 7																					1
67 5																					1
47 3																					6
27 1																					3
07- 1																					2
- 27- 3																					2
- 47- 5																					
- 67- 7																					
- 87- 9																					
-107-11																					
-127-13																					
-147-15																					
-167-17																					
-187-19																					
-227-23																					
-267-27																					
TOTAL	2.0	9.4	9.7	9.5	10.2	9.6	9.2	8.1	7.2	5.9	5.0	4.4	3.6	2.6	1.3	.7	.3		18066		18014
																		18015		18016	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	< 32 F	≥ 67 F	> 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	49374934	634197	40.3	23.423	18014							
Dry Bulb	80238956	925588	51.2	12.598	18059		42.7	104.1	43.0	9.1		744.0
Wet Bulb	29620990	720036	40.0	9.843	18018		112.5					744.0
Dew Point	14670396	490178	27.2	9.223	18014	2.5	533.2					744.0

FORM 1210 WS JUL 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

93037 STATION | COLORADO SPRINGS GRUM-PETERSON FD STATION NAME | 64-69 YEARS | JULY MONTH

PAGE 1 OF 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D B /W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77																.0		1	1		
76/ 75															.0			1	1		
74/ 73														.0	.0			5	5		
72/ 71													.2	.1	.0			21	21		
70/ 69												.0	.1	.1	.0			39	39		
68/ 67											.0	.1	.2	.1	.0			79	80		
66/ 65									.0	.0	.2	.4	.3	.0				171	171		
64/ 63									.0	.2	.4	.5	.2					216	220		
62/ 61								.0	.1	.4	.7	.4	.1					276	278		
60/ 59							.0	.1	.3	.6	.7	.2						373	374		
58/ 57						.0	.1	.2	.7	.5	.3	.0						407	407		
56/ 55				.0	.0	.0	.1	.3	.9	.7	.3	.0						462	462		
54/ 53				.0	.0	.0	.1	.4	.9	.5	.1	.5						490	490		
52/ 51						.0	.2	.5	1.0	.9	.2							522	522	3	
50/ 49				.0	.0	.1	.4	1.0	1.9	.7	.1	.0						634	634	7	
48/ 47				.0	.1	.3	.8	1.2	1.3	.4	.0							694	694	31	0
46/ 45	.0	.0	.0	.1	.3	1.3	1.4	.9	.2									775	779	247	3
44/ 43		.0	.0	.2	1.0	1.5	1.5	.3	.0									826	826	489	2
42/ 41		.0	.2	.7	1.3	1.9	.9	.1										872	872	777	9
40/ 39		.0	.5	1.2	2.0	1.4	.3	.0										999	999	990	19
38/ 37	.0	.2	.5	1.9	1.7	1.1	.2	.0										1008	1009	1173	28
36/ 35	.0	.4	1.2	2.2	1.6	.6	.1											1070	1070	1478	84
34/ 33	.4	.7	1.6	2.0	1.6	.2	.0											1053	1053	1616	218
32/ 31	.4	1.1	2.1	1.8	.8	.1												1057	1057	1930	445
30/ 29	.9	1.5	2.1	1.3	.5	.0												1006	1011	1793	693
28/ 27	.3	1.9	1.7	.9	.1													863	866	1540	737
26/ 25	.5	1.9	1.3	.6	.1													756	757	1368	1385
24/ 23	.6	1.8	1.3	.3	.0													698	701	1080	1623
22/ 21	.5	1.7	1.0	.1														586	592	772	1899
20/ 19	.5	1.4	.6	.0														439	442	700	1609
18/ 17	.2	1.1	.2															275	278	501	1675
16/ 15	.3	.5	.1	.0														222	222	323	1465
14/ 13	.2	.3	.1															207	207	224	1291
12/ 11	.1	.2	.1															117	117	176	1129

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 1210-WS JUL 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

93037 — STATION
COLORADO SPRINGS COLO-PETERSON FI — STATION NAME
[illegible] — YEARS
NOV — MONTH
P=02 & ALL — HOURS (Z)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL DB /WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
10/ 9	.1	.2	.0														83	[illegible]	11	882
8/ 7	.1	.2	.0														48	48	79	72
6/ 5	.0	.1	.0														22	22	25	535
4/ 3	.0	.1															28	28	30	341
2/ 1	.1	.1		.0													23	23	25	203
0/-1	.1	.0															17	17	16	164
-2/-3	.1	.0															19	19	21	105
-4/-5	.0	.0															9	9	10	73
-6/-7	.0																7	7	7	6
-8/-9																				2
-10/-11																				2
-12/-13																				1
-14/-15																				0
-16/-17																				0
-18/-19																				0
TOTAL	4.8	17.2	15.0	13.4	11.3	9.3	7.3	5.1	3.7	2.9	1.7	.9	.3	.1	.0		17434	17514	17484	17484

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5466960 51	890035	50.9	23.136	17484							
Dry Bulb	27682413	657369	37.5	33.107	17514	2.1	267.5	0.0	.3			720.0
Wet Bulb	18756339	521747	29.8	8.208	17484	2.4	439.9					720.0
Dew Point	11750404	312524	17.8*	8.173	17484	14.2	708.0					720.0

FORM 1210 WS JUL 64 0-26-5 (OL1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAL, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

93097 — STATION
COLORADO SPRINGS, COLORADO FLT — STATION NAME
42-45 — YEARS
DEC — MONTH
0700 & 1800 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25	26 - 27	28 - 29	30 - 31	TOTAL D B / W B	TOTAL Dry Bulb	Wet Bulb	Dew Point
76/ 75															•0			1	1		
72/ 71													•0					1	1		
70/ 69												•0	•0					5	5		
68/ 67											•1	•0	•0	•0				14	14		
66/ 65										•0	•0	•1	•0	•0				21	21		
64/ 63										•3	•1	•1	•1	•2				54	54		
62/ 61									•3	•1	•1	•2	•1					94	95		
60/ 59									•1	•4	•3	•2						141	141		
58/ 57							•0		•0	•1	•1	•1						142	142		
56/ 55							•0	•0	•1	•1	•0	•0						232	232		
54/ 53					•0	•0	•1	•3	•0	•0	•2							324	324		
52/ 51				•0	•0	•0	•2	•0	•0	•4	•1							303	303		
50/ 49				•0	•0	•2	•5	•9	•9	•2	•0							503	503	3	
48/ 47			•3	•0	•1	•3	•6	1•0	•6	•0								507	507	13	
46/ 45			•0	•1	•2	•5	1•2	1•1	•2									598	598	34	
44/ 43			•0	•1	•3	1•1	1•5	•5	•0									647	647	95	
42/ 41			•0	•2	•7	1•3	1•2	•3	•0									699	699	192	4
40/ 39			•1	•5	1•4	1•0	•5	•1										814	814	437	7
38/ 37		•0	•2	1•0	1•4	1•7	•3	•0										695	695	695	6
36/ 35		•0	•8	1•4	1•9	1•1	•2	•0										1001	1001	976	12
34/ 33		•3	1•0	1•6	1•8	•7	•3											972	972	1137	85
32/ 31	•6	•4	1•5	2•1	1•6	•4	•0											1098	1098	1363	104
30/ 29	•1	•9	2•0	2•3	1•2	•2												1243	1243	1477	229
28/ 27	•2	1•7	2•3	2•0	•6	•1												1278	1278	1638	312
26/ 25	•3	2•2	2•6	1•3	•3	•0												1157	1157	1894	450
24/ 23	•3	2•0	1•9	•8	•2													961	961	1640	937
22/ 21	•4	2•2	1•6	•3	•0													889	889	1397	1225
20/ 19	•0	2•0	1•2	•4	•0													776	776	1222	1251
18/ 17	•5	1•9	•8	•1														599	600	981	1700
16/ 15	•5	1•6	•6	•1														496	498	749	1676
14/ 13	•2	1•3	•4	•0														438	439	517	1723
12/ 11	•3	1•0	•2															279	279	432	1692
10/ 9	•2	•7	•1															188	188	284	1303
8/ 7	•2	•5	•1															142	142	182	1189

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM JUL 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
1210-WS

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

93037 — STATION
COLORADO SPRINGS COMPETITION F-1 — STATION NAME
47-73 — YEARS
APR — MONTH
P-GE / ALL — HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL DB/WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
97/ 99	.4	.4	.0															134	140	[illegible]	966
94/ 96	.1	.0	.0															96	96	132	749
91/ 93	.4	.2																93	94	96	598
90/ 92	.2	.1																52	52	73	450
88/ 89	.0	.2																36	36	36	364
86/ 87	.0	.1																22	22	34	291
84/ 85	.0	.0																6	6	9	211
82/ 83		.0																6	6	6	144
80/ 81	.1	.1																9	9	7	109
78/ 79	.1	.1																5	5	5	63
76/ 77																				1	20
74/ 75																					26
72/ 73																					19
70/ 71																					11
68/ 69																					5
66/ 67																					1
TOTAL	5.3	2.0	1.2	1.0	1.1	.9	.7	.5	.3	.2	.1	.0	.0	.0	.0	.0		16986	18092	16086	16090

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	35568754	920192	50.9	22.033	18090							
Dry Bulb	2398094	572705	31.7	12.774	18092	0.5	411.2	1.0	.0			744.0
Wet Bulb	1279477	454987	25.2	8.039	18086	0.7	596.7					744.0
Dew Point	430254	230984	12.8	6.039	18090	70.1	741.7					744.0

FORM 1210 WS JUL 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

93037 — STATION
COLORADO SPRINGS COLORADO FR — STATION NAME
42-63 — YEARS
ALL — MONTH
PAGE 1 ALL — HOURS & STD

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7 8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27 28	29 30	>31	TOTAL D B & W B	TOTAL Dry Bulb	Wet Bulb	Dew Point
100/ 99																	.0	5	5		
98/ 97																	.0	15	10		
96/ 95																.0	.0	33	58		
94/ 93															.0	.0	.1	148	148		
92/ 91													.0	.0	.0	.0	.2	406	410		
90/ 89											.0	.0	.0	.0	.0	.1	.2	768	778		
88/ 87											.0	.0	.0	.1	.1	.1	.2	1284	1281		
86/ 85										.2	.0	.2	.1	.2	.2	.2	.2	1927	1943		
84/ 83									.0	.0	.0	.1	.2	.2	.2	.2	.1	2291	2285		
82/ 81								.3	.0	.0	.1	.2	.2	.2	.2	.1	.1	2504	2532		
80/ 79							.0	.0	.1	.1	.3	.2	.2	.2	.2	.1	.0	3131	3101		
78/ 77					.0	.0	.0	.0	.1	.2	.3	.2	.2	.2	.1	.1	.0	3303	3330		
76/ 75			.0			.0	.1	.1	.3	.3	.3	.3	.2	.2	.2	.1	.0	3954	3985		
74/ 73				.0	.0	.0	.1	.2	.3	.3	.2	.2	.3	.2	.1	.0		4096	4132		
72/ 71			.0	.0	.0	.1	.2	.3	.3	.3	.3	.3	.2	.2	.1	.0		4400	4455	1	
70/ 69			.0	.0	.1	.2	.3	.4	.3	.3	.3	.3	.2	.1	.0			5243	5292	32	
68/ 67			.0	.1	.2	.4	.4	.3	.3	.3	.3	.3	.2	.1	.0			5614	5688	21	2
66/ 65		.0	.1	.2	.4	.4	.4	.3	.3	.3	.3	.3	.1	.0				6446	6519	227	5
64/ 63		.0	.2	.3	.4	.4	.3	.3	.3	.3	.3	.2	.1	.0				6722	6791	1231	20
62/ 61	.0	.1	.3	.4	.4	.4	.3	.3	.3	.4	.3	.2	.0					7394	7480	3460	153
60/ 59	.0	.2	.3	.3	.4	.4	.3	.3	.4	.4	.4	.1	.0					8117	8227	7160	820
58/ 57	.0	.2	.4	.4	.4	.3	.3	.2	.4	.4	.2	.0						7448	7540	9324	2192
56/ 55	.0	.3	.4	.4	.3	.3	.4	.4	.5	.4	.2	.0						7484	7553	10339	3719
54/ 53	.0	.3	.3	.3	.3	.4	.4	.4	.3	.3	.1	.0						6866	6932	10115	4779
52/ 51	.0	.3	.3	.3	.3	.4	.4	.5	.5	.2	.0							6952	7044	9373	5780
50/ 49	.1	.3	.4	.3	.3	.4	.5	.6	.4	.1	.0							7127	7208	9177	6588
48/ 47	.1	.3	.3	.3	.4	.5	.6	.0	.3	.0								6884	6951	8687	6610
46/ 45	.1	.3	.4	.4	.4	.6	.7	.6	.1	.0								6967	7040	8462	6486
44/ 43	.1	.3	.4	.3	.5	.7	.7	.3	.0									6493	6547	8268	6316
42/ 41	.1	.2	.3	.4	.6	.8	.5	.1	.0									6577	6627	8341	6439
40/ 39	.1	.3	.4	.5	.8	.8	.4	.1										6884	6913	9096	6589
38/ 37	.1	.4	.4	.7	.8	.6	.2	.0										6389	6416	9103	6366
36/ 35	.1	.4	.6	.8	.8	.5	.1	.0										6353	6366	9226	6246
34/ 33	.1	.3	.7	.8	.7	.2	.0											6230	6272	9378	6936

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64 1210 WS

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

93037 — STATION
COLORADO SPRINGS COLORADO FD — STATION NAME
4/64-3 — YEARS
ALL — MONTH
FLOR / ALL — HOURS & STs

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	-31	TOTAL D B /W S	TOTAL Dry Bulb	Wet Bulb	Dew Point
32/ 31	.2	.3	.6	.6	.3	.1	.0											6224	6241	767	7585
30/ 29	.4	.7	1.6	.5	.4	.1												6442	6415	948	7583
28/ 27	.2	.5	.9	.3	.2	.0												5539	5547	9040	6936
26/ 25	.3	.9	.8	.3	.1	.0												5175	5178	9744	9169
24/ 23	.3	.9	.7	.3	.0													4444	4447	7140	9593
22/ 21	.3	.4	.3	.2	.0													3904	3910	9737	1473
20/ 19	.3	.9	.4	.1	.0													3409	3414	5135	9004
18/ 17	.2	.7	.3	.0		.0												2529	2532	3905	1446
16/ 15	.2	.8	.2	.0														1959	1962	[illegible]	5685
14/ 13	.1	.5	.1	.0														1620	1623	2122	8356
12/ 11	.1	.4	.1	.0														1168	1169	1628	7997
10/ 9	.1	.3	.0															953	953	1212	6277
8/ 7	.1	.2	.0															760	762	961	5632
6/ 5	.1	.2	.0															661	663	754	4631
4/ 3	.1	.1	.0															491	491	611	3392
2/ 1	.1	.1		.0														433	433	444	2756
0/- 1	.1	.1																328	328	412	1951
- 2/- 3	.1	.1																234	234	248	1446
- 4/- 5	.0	.0																137	137	177	1215
- 6/- 7	.0	.0																122	122	126	912
- 8/- 9	.0	.0																80	80	88	632
-10/-11	.0	.0																70	70	66	534
-12/-13	.0	.0																34	34	42	279
-14/-15	.0	.0																23	23	31	170
-16/-17	.0	.0																16	16	15	126
-18/-19	.0	.0																16	16	15	99
-20/-21	.0																	1	1	2	53
-22/-23	.0																	4	4	4	47
-24/-25	.0																	1	1	1	30
-26/-27	.0																	1	1	1	19
-28/-29																					9
-30/-31																					12
-32/-33																				X	3
-34/-35																					

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 1210-WS JUL 64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

93037 STATION | COLORADO SPRINGS AEROPETE[illegible] STATION NAME | [illegible] YEARS | ALL MONTH

PAGE 1 ALL HOURS G.M.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22 23	24 25	26 27	28 29	30	≥31	TOTAL DB WB	TOTAL Dry Bulb	Wet Bulb	Dew Point
-36/-37																						3
-38/-39																						2
-40/-41																						4
-42/-43																						1
-44/-45																						1
-46/-47																						1
-48/-49																						1
TOTAL	1.0	1.2	12.9	10.9	9.5	7.9	7.7	7.3	5.9	4.6	3.7	3.1	2.9	2.2	1.9	1.1	1.2		203501	203030	203506	203517

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≥80 F	≥93 F	Total
Rel. Hum.	8341,7800	1024478	50,3	14,120	203542							
Dry Bulb	5612564499	9964169	48,6	19,881	203030	45,5	1985,7	1700,1	1035,7	477,8	9,81	8760,0
Wet Bulb	3435,5402	7857588	38,6	14,0046	203506	52,6	3040,8	1,0				8760,0
Dew Point	2022074[illegible]	5233402	27,2	15,947	203517	320,1	5439,5					8760,0

FORM 121-64 0-26-5 (OL-1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1210 WS

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

MEANS AND STANDARD DEVIATIONS

GRADUATED TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93037 COLORADO SPRINGS COLO-PETERSON FD 42-65

STATION STATION NAME YEARS

HRS. L.S.T.		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	23.4	25.8	29.0	38.5	47.2	56.4	61.5	60.3	53.2	43.3	31.8	26.3	41.4
	S D	12,377	11,292	10,868	9,449	7,530	6,787	4,674	4,625	7,459	[illegible]122	10,418	10,464	16,299
	TOTAL OBS	2168	1963	2146	2009	2076	2010	2168	2179	2158	2259	2190	2262	25639
03-05	MEAN	23.2	24.8	27.6	36.5	45.3	54.0	59.4	58.3	51.3	42.3	31.2	26.0	40.9
	S D	12,468	11,395	10,890	9,208	7,430	6,462	4,672	4,567	7,655	[illegible]490	10,709	10,803	15,852
	TOTAL OBS	2170	1967	2154	2007	2076	2009	2167	2183	2193	2259	2193	2262	25624
06-08	MEAN	23.7	26.3	30.6	41.7	52.4	62.5	67.9	65.6	57.9	46.7	33.1	26.8	44.5
	S D	12,691	11,765	12,051	10,929	9,851	9,141	7,647	7,001	9,956	10,310	11,150	10,797	18,766
	TOTAL OBS	2163	1975	2170	2008	2075	2009	2169	2170	2191	2258	2193	2261	25642
09-11	MEAN	34.2	36.5	40.2	50.4	60.5	71.3	77.4	75.7	67.6	56.0	43.7	37.3	54.4
	S D.	13,854	13,027	13,211	12,260	11,284	10,295	7,295	7,387	10,996	11,694	12,741	12,014	19,258
	TOTAL OBS	2165	1978	2170	2010	2077	2009	2170	2170	2195	2262	2190	2263	25634
12-14	MEAN	37.3	41.5	45.0	55.0	64.4	75.3	80.8	79.3	72.7	62.8	48.0	42.2	58.9
	S. D.	14,428	13,594	13,759	12,901	11,547	10,559	7,852	7,708	10,705	11,639	13,225	12,551	19,135
	TOTAL OBS	2170	1977	2169	2010	2077	2009	2170	2170	2199	2262	2190	2257	25655
15-17	MEAN	36.1	40.3	44.5	54.6	63.5	74.5	78.1	76.9	71.7	60.5	46.3	38.0	56.9
	S D	14,109	13,656	13,825	13,204	11,616	10,745	8,708	8,390	10,549	11,466	12,802	12,084	19,419
	TOTAL OBS	2169	1978	2169	2008	2076	2010	2169	2168	2199	2261	2188	2263	25668
18-20	MEAN	27.2	31.6	36.6	47.4	56.9	67.7	71.2	69.2	62.4	50.4	35.6	29.6	48.8
	S D	12,490	11,643	12,206	11,474	10,178	9,402	7,154	6,825	9,112	9,270	10,495	10,618	18,810
	TOTAL OBS	2169	1981	2142	2010	2077	2010	2170	2167	2185	2262	2187	2263	25603
21-23	MEAN	24.7	28.0	32.0	41.7	51.0	60.8	65.4	63.6	56.4	45.3	32.7	27.0	44.0
	S D.	12,459	11,090	11,136	9,797	8,248	7,518	5,117	5,005	7,866	8,299	10,033	10,439	17,182
	TOTAL OBS	2169	1980	2148	2010	2075	2004	2169	2169	2199	2262	2189	2261	25684
ALL HOURS	MEAN	29.0	31.8	35.7	45.7	55.1	65.3	70.2	68.6	61.6	51.2	37.5	31.7	48.6
	S D	14,477	13,755	13,905	13,080	11,981	11,816	10,061	9,947	12,217	12,598	13,107	12,774	19,381
	TOTAL OBS	17343	15703	17268	16072	16609	16069	17351	17351	17512	18086	17514	18092	205035

1210 WS FORM JUL 64 0-89-5 (OL-1)

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93037 COLORADO SPRINGS COLO-PETERSON FD 42-68
STATION STATION NAME YEARS

HRS.(L S T.)		JAN.	FEB.	MAR	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	19.3	21.8	24.6	32.7	41.3	48.5	54.2	53.6	45.6	36.3	26.6	21.9	35.4
	S. D.	9,680	8,830	8,245	6,576	5,654	4,760	3,264	3,804	5,665	6,016	7,448	7,890	14,079
	TOTAL OBS	2166	1963	2146	2009	1997	1977	2156	2101	2139	2250	2182	2261	25405
03-05	MEAN	19.0	21.0	23.4	31.3	39.9	47.7	52.9	52.1	44.3	35.5	26.0	21.5	34.4
	S. D	9,721	9,039	8,334	6,658	5,693	4,607	3,347	3,896	5,725	6,950	7,630	8,096	13,859
	TOTAL OBS	2168	1962	2154	2007	1998	1976	2167	2109	2190	2251	2181	2261	25415
06-08	MEAN	19.3	21.5	25.2	34.2	43.6	51.0	56.4	55.0	46.9	37.9	27.1	22.0	36.5
	S D.	9,856	9,010	8,032	6,965	5,892	4,775	3,220	3,904	5,906	6,313	7,720	8,039	14,833
	TOTAL OBS	2162	1978	2170	2008	1997	1975	2169	2102	2191	2249	2182	2261	25444
09-11	MEAN	26.3	28.6	30.8	38.3	46.2	53.3	58.8	57.8	50.9	43.2	33.3	28.7	41.2
	S D.	9,476	8,476	8,051	6,617	5,734	4,608	3,200	3,454	5,356	5,900	7,380	7,675	13,274
	TOTAL OBS	2165	1978	2170	2010	1999	1978	2170	2101	2190	2253	2187	2263	25404
12-14	MEAN	29.3	31.0	33.4	40.3	47.4	54.1	59.3	58.5	52.3	45.1	35.6	31.5	43.1
	S D.	9,264	8,205	7,822	6,403	5,441	4,305	3,092	3,307	4,789	5,503	7,289	7,489	12,415
	TOTAL OBS	2170	1978	2169	2010	1999	1983	2170	2105	2189	2254	2188	2255	25470
15-17	MEAN	27.5	30.0	33.2	40.1	47.3	54.0	58.7	58.1	52.0	44.3	33.8	29.4	42.3
	S D	9,369	8,362	7,922	6,476	5,197	4,112	2,837	3,064	4,703	5,589	7,454	7,906	12,802
	TOTAL OBS	2169	1978	2170	2008	1996	1983	2169	2102	2188	2252	2186	2262	25465
18-20	MEAN	22.1	25.7	29.2	37.2	45.4	52.6	57.5	56.6	49.3	40.1	29.1	24.1	39.0
	S. D.	9,423	8,230	8,040	6,523	5,414	4,540	2,758	3,238	5,210	5,744	7,110	7,666	14,071
	TOTAL OBS	2169	1961	2142	2009	1996	1983	2170	2102	2185	2253	2187	2263	25425
21-23	MEAN	20.3	23.9	28.6	36.7	44.3	50.-	55.8	54.9	47.0	37.5	27.2	22.4	36.9
	S. D.	9,698	8,313	8,017	6,438	5,478	4,623	2,959	3,595	5,406	5,849	7,108	7,808	14,155
	TOTAL OBS	2169	1959	2146	2007	1994	1979	2169	2102	2189	2254	2189	2260	25418
ALL HOURS	MEAN	22.9	25.4	28.3	36.1	44.3	51.4	56.7	55.6	48.3	40.0	29.6	25.2	38.6
	S D	10,320	9,353	8,923	7,310	6,150	5,158	3,778	4,143	6,069	6,843	8,206	8,639	14,046
	TOTAL OBS	17338	15758	17269	16068	15976	15834	17351	16815	17511	18016	17484	18086	203506

1210 WS FORM JUL 64. 0-89-5 (OLI)

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93037 — STATION
COLORADO SPRINGS CULO-PETERSON FD — STATION NAME
42-68 — YEARS

HRS (L S.T.)		JAN	FEB.	MAR.	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	9.3	13.2	15.7	24.3	34.7	41.9	49.3	48.9	38.8	27.5	17.4	12.0	27.6
	S D.	9,664	9,349	9,473	9,289	9,273	9,005	6,248	6,567	8,569	8,889	8,002	8,715	16,444
	TOT OBS	2168	1963	2146	2009	1996	1977	2169	2101	2139	2250	2187	2262	25417
03-05	MEAN	8.6	12.2	14.8	23.3	33.6	41.2	48.4	47.7	37.7	26.6	16.5	11.2	26.7
	S D	9,669	9,363	9,458	9,396	9,289	8,701	6,002	6,501	8,590	8,940	8,269	8,980	16,407
	TOTAL OBS	2170	1967	2154	2007	1998	1976	2167	2097	2190	2231	2181	2262	25422
06-08	MEAN	8.4	12.1	15.0	24.0	34.0	42.1	49.2	48.0	38.2	27.1	16.8	11.3	27.1
	S D	9,826	9,395	9,206	9,095	9,623	8,588	6,414	6,872	8,441	8,964	8,244	8,949	16,620
	TOTAL OBS	2163	1979	2176	2008	1997	1975	2169	2102	2191	2248	2162	2281	25445
09-11	MEAN	11.5	13.8	15.8	23.1	31.9	39.4	47.2	46.2	37.0	27.1	18.3	13.8	27.0
	S D.	9,377	9,114	9,047	9,729	10,751	10,144	8,082	8,132	9,177	9,340	8,058	8,736	15,486
	TOTAL OBS	2165	1978	2170	2010	1999	1978	2170	2101	2190	2252	2187	2263	25463
12-14	MEAN	12.0	14.1	16.0	22.2	30.6	37.2	45.8	44.6	35.6	26.4	18.4	14.1	26.
	S D.	9,571	9,191	9,171	10,236	11,053	10,987	8,446	8,860	9,349	9,820	8,422	8,896	15,064
	TOTAL OBS	2170	1978	2169	2010	1999	1983	2170	2105	2189	2254	2185	2256	25471
15-17	MEAN	12.2	14.5	15.9	22.2	31.3	37.8	46.4	45.6	35.9	26.9	19.0	14.2	26.7
	S. D	9,429	9,044	9,586	10,411	10,942	11,109	8,462	8,830	9,407	9,573	8,197	8,682	15,184
	TOTAL OBS	2169	1978	2170	2008	1996	1983	2169	2102	2188	2252	2188	2263	25460
18-20	MEAN	11.0	14.6	16.9	24.2	33.9	40.4	48.9	48.3	38.3	28.1	18.7	13.0	27.9
	S D	9,821	9,003	9,417	9,768	10,485	10,163	7,204	7,488	8,824	9,140	7,933	8,541	15,919
	TOTAL OBS	2169	1961	2143	2009	1996	1983	2170	2102	2185	2253	2187	2263	25421
21-23	MEAN	10.2	14.0	16.7	23.0	33.1	42.0	49.6	49.0	38.7	27.9	17.9	12.4	28.1
	S. D.	9,815	9,093	9,408	9,435	9,836	9,339	6,184	6,910	8,599	8,949	7,925	8,625	16,790
	TOTAL OBS	2169	1960	2147	2007	1994	1978	2168	2107	2189	2254	2189	2260	25417
ALL HOURS	MEAN	10.4	13.6	15.9	23.5	33.1	40.2	48.1	47.3	37.3	27.2	17.9	12.8	27.2
	S D	9,721	9,237	9,369	9,886	10,268	9,971	7,324	7,717	8,973	9,223	8,173	8,839	15,947
	TOTAL OBS	17343	15764	17269	16068	15975	15833	17352	16814	17511	18014	17484	18090	203517

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-66 (PERIOD) JAN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	99,9	97,7	90,1	78,0	64,2	48,9	32,9	16,0	4,7	58,7	2168
	03-05	99,7	97,6	90,0	76,9	61,7	45,9	31,2	15,6	4,3	57,7	2170
	06-08	99,8	97,6	88,8	73,6	57,3	42,1	28,1	13,5	3,7	55,9	2163
	09-11	98,6	87,9	68,1	48,1	34,9	25,3	16,0	8,2	2,0	44,4	2165
	12-14	95,3	77,1	56,6	39,7	27,7	18,5	11,0	4,5	1,3	39,7	2170
	15-17	97,6	82,6	65,7	49,6	35,2	24,2	14,4	6,9	1,7	43,3	2169
	18-20	99,5	95,1	85,4	72,0	57,9	42,6	26,2	12,3	3,0	54,8	2169
	21-23	99,7	96,8	89,9	76,8	64,8	49,2	31,6	14,0	3,6	58,0	2169
TOTALS		98,7	91,5	79,3	64,3	50,5	37,1	23,9	11,4	3,1	51,4	17343

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 43-68 PERIOD | FEB MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	99.9	98.3	92.4	83.3	70.6	56.6	40.6	23.0	8.8	62.6	1963
	03-05	99.9	98.2	92.7	83.1	70.1	55.0	40.2	22.2	9.6	62.5	1967
	06-08	99.7	97.6	90.6	76.7	63.6	48.4	34.5	18.8	8.7	59.3	1979
	09-11	98.0	86.5	66.9	51.0	37.0	25.1	16.5	9.3	3.4	49.0	1976
	12-14	96.1	75.1	53.9	40.4	29.0	18.9	12.1	6.4	2.2	38.9	1977
	15-17	97.5	78.4	57.8	43.4	32.7	23.9	15.4	7.9	3.0	41.5	1973
	18-20	99.8	95.1	81.8	67.7	53.8	42.5	28.5	16.2	5.1	54.5	1961
	21-23	99.8	97.4	91.1	77.1	64.0	51.0	37.3	20.4	8.1	60.1	1960
TOTALS		98.9	90.8	78.4	65.3	52.5	40.2	28.1	15.5	6.1	53.1	15763

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-66 (PERIOD) MAR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	99.9	97.3	89.5	78.2	67.6	56.3	41.2	25.3	9.5	62.2	2146
	03-05	99.9	97.7	90.4	80.4	69.3	58.8	46.2	25.8	9.1	63.3	2154
	06-08	99.5	95.6	85.3	71.8	59.4	47.3	34.3	20.0	6.9	57.5	2170
	09-11	97.5	81.4	63.6	47.8	35.9	25.2	16.2	8.6	2.4	43.4	2170
	12-14	94.4	70.8	52.5	38.5	27.4	20.1	12.4	5.9	1.8	37.9	2169
	15-17	94.3	70.7	53.0	40.0	29.4	21.8	14.8	7.4	2.9	38.9	2169
	18-20	99.0	88.8	74.7	60.9	49.3	38.1	27.2	14.0	5.0	51.2	2142
	21-23	99.7	96.0	85.1	72.5	61.0	49.2	35.7	21.4	7.7	58.4	2147
TOTALS		98.0	87.3	74.2	61.2	49.8	39.5	28.7	16.0	5.7	51.6	17267

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-47,49-68 (PERIOD) APR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	99,5	96,0	87,2	77,2	66,1	54,6	42,3	27,6	13,	62,1	2009
	03-05	99,8	97,0	89,1	80,3	68,9	58,1	43,9	29,6	14,3	63,7	2007
	06-08	99,5	93,8	80,8	66,6	54,3	42,6	30,9	20,0	9,6	55,4	2008
	09-11	96,1	76,6	58,8	43,9	32,1	22,2	14,8	8,7	3,3	41,1	2010
	12-14	90,3	64,6	46,1	32,7	24,5	17,5	11,3	5,4	1,9	35,0	2010
	15-17	89,5	64,7	46,7	34,5	26,3	19,6	13,6	8,0	3,3	36,2	2008
	18-20	98,0	83,5	66,3	52,1	41,3	32,3	23,9	14,1	6,3	47,4	2009
	21-23	99,2	94,0	82,1	69,1	57,6	45,5	35,4	21,0	9,3	56,9	2007
TOTALS		96,5	83,8	69,8	57,1	46,4	36,6	27,0	16,8	7,7	49,7	16068

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

93037 — STATION
COLORADO SPRINGS COLO-PETERSON FD — STATION NAME
43-47,49-69 — PERIOD
MAY — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	99.8	97.2	90.3	83.1	75.8	64.0	50.0	32.8	14.3	66.2	1996
	03-05	99.8	97.7	92.1	84.2	76.2	66.4	54.5	36.6	16.9	68.0	1998
	06-08	98.9	92.3	80.4	68.0	56.0	42.9	30.5	18.3	9.5	55.4	1997
	09-11	95.0	76.8	57.1	42.8	30.5	21.2	13.9	9.0	4.5	40.7	1999
	12-14	90.7	63.6	44.9	32.7	23.7	16.5	10.0	5.7	2.1	34.7	1999
	15-17	92.0	67.3	48.9	35.9	27.5	20.4	13.9	7.0	2.1	37.1	1996
	18-20	97.4	84.6	69.6	56.9	45.4	34.7	24.7	14.0	4.8	48.8	1996
	21-23	99.5	94.1	85.4	74.7	64.3	51.3	38.0	23.5	10.0	59.8	1994
TOTALS		96.7	84.5	71.1	59.8	49.7	39.7	29.5	18.4	8.0	51.3	15975

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DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FO (STATION NAME) 43-47,49-68 (PERIOD) JUN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	99.8	96.3	89.5	81.7	71.7	57.6	42.3	25.4	9.5	63.0	1977
	03-05	99.9	97.6	91.8	84.2	76.0	64.5	50.4	30.7	11.9	66.3	1976
	06-08	99.2	93.1	80.5	66.5	52.2	37.7	24.2	12.9	5.0	53.7	1975
	09-11	95.0	75.2	55.1	38.8	25.4	15.0	7.9	3.8	1.8	37.2	1978
	12-14	88.7	60.1	41.4	27.4	17.7	10.1	5.4	3.0	1.0	31.0	1983
	15-17	86.3	63.7	43.5	30.7	20.2	12.9	7.5	4.1	1.1	32.8	1983
	18-20	96.6	81.6	64.3	47.9	35.7	24.6	15.3	6.8	1.3	43.0	1983
	21-23	99.4	93.8	83.1	71.1	58.7	43.0	29.6	15.4	4.9	55.3	1978
TOTALS		95.9	82.7	68.6	56.0	44.4	33.1	22.8	12.7	4.5	47.7	15833

USAF ETAC FORM 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-68 (PERIOD) JUL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	99.4	98.2	92.4	81.0	64.1	44.5	25.7	7.1	66.9	2168
	03-05	100.0	99.5	97.8	92.5	84.2	69.9	51.7	33.5	10.3	69.6	2167
	06-08	99.9	97.2	88.7	75.6	58.7	39.3	22.3	10.6	2.4	55.0	2169
	09-11	95.5	85.6	63.3	40.3	22.5	11.5	4.5	1.6	.4	38.3	2170
	12-14	97.1	76.0	45.9	27.4	15.7	8.1	3.5	1.4	.3	33.1	2170
	15-17	97.9	78.1	54.4	36.0	25.2	16.0	8.7	4.1	1.1	37.8	2169
	18-20	99.7	93.3	80.0	62.8	45.6	32.3	18.8	8.9	1.7	49.8	2170
	21-23	100.0	99.2	94.5	83.8	66.4	48.2	31.9	17.0	3.8	60.0	2166
TOTALS		99.1	91.1	77.8	64.1	49.9	35.1	23.2	12.8	3.4	51.3	17351

USAF ETAC FORM 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 43-68 (PERIOD) AUG (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	99.6	97.7	93.9	84.4	67.3	47.5	28.1	10.3	68.6	2101
	03-05	100.0	99.8	98.1	94.2	86.2	71.1	52.3	32.3	12.9	70.4	2099
	06-08	99.9	98.6	91.9	76.8	57.4	41.2	25.6	14.5	4.8	56.7	2102
	09-11	98.9	87.6	62.9	38.9	23.4	12.9	5.9	2.8	.9	38.9	2101
	12-14	97.3	76.2	45.7	27.1	16.0	8.7	4.3	2.7	.9	33.4	2105
	15-17	97.5	81.1	53.5	37.0	24.0	15.8	9.7	4.3	1.1	37.9	2102
	18-20	99.9	95.6	83.7	64.7	47.5	34.2	21.1	10.9	2.7	51.5	2101
	21-23	100.0	99.1	95.2	87.4	69.3	51.4	34.0	19.6	5.4	61.8	2102
TOTALS		99.2	92.2	78.6	65.0	51.0	37.8	25.0	14.4	4.9	52.4	16813

USAF ETAC FORM AUG 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

93037 (STATION) COLORADO SPRINGS COLO-PETERSON FD (STATION NAME) 42-68 (PERIOD) SEP (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	98.2	92.7	82.7	67.2	50.9	36.6	23.0	9.3	61.7	2189
	03-05	100.0	98.5	92.7	82.8	69.4	57.1	42.2	26.8	12.2	63.8	2190
	06-08	99.9	95.2	82.7	67.2	53.2	40.1	28.4	16.6	7.3	54.8	2191
	09-11	95.3	77.2	53.6	36.9	25.3	15.8	8.8	5.1	2.8	37.9	2190
	12-14	94.0	63.3	38.8	23.9	13.3	8.0	5.6	3.2	1.5	30.6	2189
	15-17	94.2	66.1	42.1	25.8	17.0	10.6	6.4	3.4	1.3	32.1	2188
	18-20	99.5	90.4	72.2	53.2	36.7	25.1	15.5	7.3	2.6	45.8	2185
	21-23	99.9	97.0	87.5	72.7	55.7	39.7	26.6	14.9	5.6	55.6	2189
TOTALS		98.0	85.7	70.3	55.7	42.3	30.9	21.3	12.3	5.3	47.8	17511

USAF ETAC FORM 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 42-68 PERIOD | OCT MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	99.9	97.4	88.7	76.0	60.7	44.4	29.7	15.8	8.7	58.0	2250
	03-05	99.8	97.0	87.8	74.6	59.4	46.3	32.6	21.1	9.3	58.4	2251
	06-08	99.6	92.8	78.1	61.9	46.9	34.5	25.3	15.9	8.5	52.0	2248
	09-11	96.1	74.0	48.0	32.7	22.9	15.9	11.3	6.9	3.2	36.9	2252
	12-14	91.8	60.2	34.6	22.7	15.5	10.8	7.5	4.3	1.8	30.5	2254
	15-17	94.0	67.8	41.3	26.8	18.5	13.6	9.1	5.3	2.9	33.4	2252
	18-20	99.6	91.8	72.8	53.5	36.8	26.0	18.3	10.5	4.1	46.9	2253
	21-23	100.0	96.9	86.0	70.7	52.5	37.1	25.9	15.9	6.4	54.7	2254
TOTALS		97.8	84.7	67.1	52.3	39.1	28.6	20.0	12.3	5.6	46.3	18014

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 42-66 PERIOD | NOV MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	99.9	97.5	90.7	79.1	64.3	49.2	34.1	18.1	6.8	59.4	2182
	03-05	99.7	97.2	89.0	76.3	62.8	49.2	33.6	16.6	6.9	58.8	2181
	06-08	99.8	96.6	85.4	70.9	56.7	42.6	29.5	15.8	6.0	55.7	2182
	09-11	98.6	81.2	61.0	45.5	32.3	21.5	14.1	8.5	3.5	42.1	2187
	12-14	95.9	73.0	50.2	35.6	24.1	15.9	10.0	5.9	2.5	36.7	2188
	15-17	97.9	83.2	62.3	45.2	31.7	22.4	13.7	7.4	3.2	42.1	2188
	18-20	99.9	95.2	84.6	75.3	54.8	39.0	23.6	12.5	4.8	54.2	2187
	21-23	100.0	97.6	89.4	78.2	63.8	47.7	30.2	16.4	5.9	55.4	2189
TOTALS		99.0	90.3	76.6	62.6	48.8	35.8	23.6	12.9	4.9	50.9	17484

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 42-68 PERIOD | DEC MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	99.8	97.6	90.3	78.0	63.5	47.8	31.2	15.9	5.6	58.4	2262
	03-05	99.7	98.6	89.7	76.0	61.0	45.1	30.3	13.3	6.1	57.5	2262
	06-08	99.7	97.2	88.4	73.5	56.8	41.9	29.6	14.2	4.6	56.0	2261
	09-11	98.4	86.7	66.2	46.8	33.6	22.7	12.8	7.5	2.5	43.2	2263
	12-14	95.9	75.5	54.2	37.3	24.4	16.1	8.6	4.5	1.4	37.4	2256
	15-17	98.1	84.8	65.3	48.9	35.2	22.1	11.9	5.8	1.7	42.9	2263
	18-20	99.7	96.4	84.8	70.8	55.2	39.6	24.6	10.3	2.9	53.8	2263
	21-23	99.7	97.5	90.3	76.8	63.3	47.7	30.0	13.7	5.0	57.8	2260
TOTALS		98.9	91.5	78.6	63.5	49.1	35.4	22.4	10.9	3.7	50.9	16090

USAF ETAC FORM 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

93037 STATION | COLORADO SPRINGS COLO-PETERSON FD STATION NAME | 42-58 PERIOD | ALL MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	98.7	91.5	79.3	64.3	50.5	37.1	23.9	11.4	3.1	51.4	17343
FEB		98.9	90.8	78.4	65.3	52.5	40.2	28.1	15.5	6.1	53.1	15763
MAR		98.0	87.3	74.2	61.2	49.8	39.5	28.7	16.0	5.7	51.6	17267
APR		96.5	83.8	69.6	57.1	46.4	36.6	27.0	16.8	7.7	49.7	16063
MAY		96.7	84.5	71.1	59.8	49.7	39.7	29.5	18.4	8.0	51.3	15975
JUN		95.9	82.7	68.6	56.0	44.4	34.1	22.8	12.7	4.5	47.7	15833
JUL		99.1	91.1	77.8	64.1	49.9	36.1	23.2	12.8	3.4	51.3	17351
AUG		99.2	92.2	78.6	65.0	51.0	37.8	25.0	14.4	4.9	52.4	16813
SEP		98.0	85.7	70.3	55.7	42.3	30.9	21.3	12.5	5.3	47.8	17511
OCT		97.6	84.7	67.1	52.3	39.1	28.6	20.0	12.3	5.6	46.3	18014
NOV		99.0	90.3	76.6	62.6	48.8	35.8	23.6	12.9	4.9	50.9	17484
DEC		98.9	91.9	78.6	63.5	49.1	35.4	22.4	10.9	3.7	50.9	18090
TOTALS		98.1	88.1	74.2	60.6	47.8	35.8	24.5	13.8	5.2	50.3	203512

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

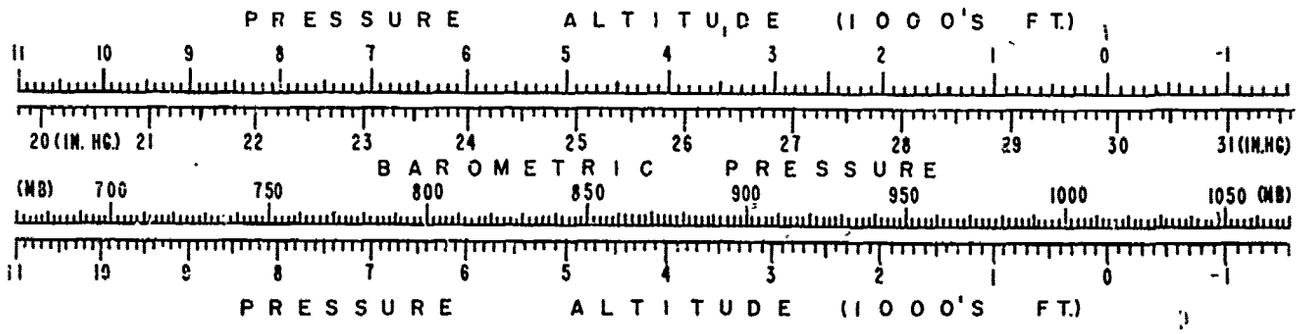
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.

2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FOR HOURLY OBSERVATIONS

93037 COLORADO SPRINGS COLO-PETERSON FD 48-68
STATION STATION NAME YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
02	MEAN	23.870	23.865	23.831	23.874	23.924	23.971	24.[illegible]	24.069	24.036	24.003	23.939	23.891	23.940
	S. D.	.187	.170	.176	.176	.148	.115	.080	.093	.120	.156	.181	.197	.174
	TOTAL OBS	712	645	705	660	682	660	713	713	690	712	690	713	8295
05	MEAN	23.859	23.824	23.826	23.875	23.931	23.982	24.[illegible]74	24.069	24.039	24.004	23.934	23.880	23.945
	S. D	.185	.[illegible]	.173	.176	.146	.115	.083	.089	.117	.155	.180	.195	.[illegible]
	TOTAL OBS	713	650	713	660	682	660	712	713	690	710	690	713	8306
08	MEAN	23.883	23.879	23.[illegible]	23.[illegible]	23.944	23.994	24.[illegible]	24.[illegible]	24.[illegible]	24.035	23.956	23.902	23.[illegible]
	S. D.	.185	.179	.[illegible]	.181	.146	.117	.083	.088	.117	.[illegible]	.182	.196	.[illegible]
	TOTAL OBS	713	650	713	660	682	660	712	713	690	709	690	713	8305
11	MEAN	23.866	23.875	23.837	23.878	23.925	23.974	24.077	24.079	24.044	24.013	23.948	23.903	23.956
	S. D.	.187	.177	.178	.182	.150	.120	.083	.091	.120	.158	.184	.[illegible]	.[illegible]
	TOTAL OBS	712	650	713	660	682	660	713	713	690	712	690	713	8308
14	MEAN	23.837	23.826	23.795	23.839	23.891	23.940	24.049	24.048	24.000	23.965	23.905	23.835	23.913
	S. D.	.185	.174	.175	.179	.150	.123	.086	.094	.124	.158	.183	.198	.[illegible]
	TOTAL OBS	713	649	713	660	682	660	713	713	690	713	690	713	8309
17	MEAN	23.862	23.840	23.801	23.836	23.882	23.925	24.041	24.040	23.997	23.974	23.925	23.879	23.918
	S. D.	.181	.169	.171	.176	.149	.126	.086	.096	.124	.156	.180	.194	.173
	TOTAL OBS	713	649	713	660	681	660	713	713	690	712	689	713	8306
20	MEAN	23.888	23.[illegible]	23.841	23.875	23.919	23.956	24.069	24.070	24.035	24.011	23.950	23.901	23.930
	S. D.	.182	.[illegible]	.173	.178	.147	.125	.088	.096	.124	.[illegible]	.182	.197	.[illegible]
	TOTAL OBS	713	644	706	660	682	660	713	712	689	712	690	713	8294
23	MEAN	23.889	23.875	23.846	23.908	23.939	23.982	24.087	24.081	24.043	24.010	23.948	23.901	23.958
	S. D.	.185	.169	.175	.177	.148	.123	.087	.096	.123	.159	.182	.198	.175
	TOTAL OBS	713	644	705	660	681	656	713	713	690	713	690	713	8291
ALL HOURS	MEAN	23.871	23.853	23.828	23.870	23.919	23.965	24.070	24.068	24.031	24.002	23.938	23.889	23.944
	S. D.	.185	.[illegible]	.[illegible]	.179	.149	.123	.087	.094	.123	.[illegible]	.182	.[illegible]	.[illegible]
	TOTAL OBS	9702	5181	5681	9280	5454	5276	5702	5703	5519	5693	5519	5704	66414

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DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

93037 COLORADO SPRINGS COLO-PETERSON FD 46-68
STATION STATION NAME YEARS

HRS (L.S.T.)		JAN.	FEB	MAR.	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
02	MEAN	1018.3	1017.5	1014.9	1013.4	1012.8	1011.8	1014.6	1014.9	1015.3	1016.9	1018.5	1018.3	1015.6
	S. D.	9.517	8.343	9.167	9.066	7.199	5.866	4.341	4.577	5.998	7.858	9.027	9.655	8.067
	TOTAL OBS	712	645	705	668	682	660	713	713	692	711	690	713	8244
05	MEAN	1019.9	1018.9	1015.2	1014.1	1013.6	1012.7	1015.4	1015.6	1016.0	1017.6	1019.0	1019.1	1016.4
	S. D	9.358	8.294	8.951	8.933	7.069	5.668	4.213	4.356	5.841	7.752	8.518	9.510	7.934
	TOTAL OBS	713	650	713	668	682	660	712	713	690	710	696	713	8360
08	MEAN	1020.9	1019.6	1016.5	1014.8	1013.8	1012.9	1015.9	1015.9	1016.3	1018.2	1020.3	1020.7	1017.3
	S. D.	9.310	8.244	8.927	8.938	7.106	5.704	4.314	4.361	5.761	7.737	8.667	9.463	7.906
	TOTAL OBS	713	650	713	668	682	660	712	713	690	709	690	713	8363
11	MEAN	1019.3	1018.2	1015.4	1013.6	1012.6	1011.7	1014.5	1015.1	1015.7	1017.3	1019.2	1019.0	1016.1
	S D	9.180	8.354	8.891	8.981	7.103	5.769	4.229	4.432	5.875	7.726	8.658	9.443	8.005
	TOTAL OBS	713	650	711	668	682	660	713	713	690	712	690	713	8307
14	MEAN	1016.9	1015.6	1013.3	1011.9	1011.3	1010.4	1013.6	1014.0	1013.8	1015.2	1017.1	1016.8	1014.2
	S. D.	9.243	8.204	8.823	8.879	7.230	5.950	4.348	4.559	5.941	7.789	8.772	9.170	7.919
	TOTAL OBS	713	649	712	668	682	660	713	713	689	712	690	713	8334
17	MEAN	1019.1	1017.2	1014.2	1012.4	1011.4	1010.2	1014.0	1014.3	1014.2	1016.6	1019.3	1019.1	1015.2
	S. D.	9.046	7.997	8.700	8.768	7.246	6.177	4.442	4.625	6.029	7.740	8.662	9.348	8.120
	TOTAL OBS	713	649	712	668	682	660	713	713	690	711	689	713	8305
20	MEAN	1021.0	1019.3	1016.2	1014.1	1012.7	1011.1	1014.6	1015.2	1015.9	1018.1	1020.6	1020.7	1016.7
	S D	9.251	8.116	8.996	8.919	7.291	6.139	4.543	4.666	6.129	7.953	8.744	9.526	8.323
	TOTAL OBS	713	644	706	668	682	659	713	711	688	712	689	713	8290
23	MEAN	1019.3	1018.2	1015.6	1014.1	1013.2	1012.0	1014.9	1015.2	1015.7	1017.4	1019.2	1019.2	1016.2
	S. D.	9.407	8.194	9.123	9.043	7.257	6.045	4.438	4.696	6.197	7.956	9.011	9.604	8.127
	TOTAL OBS	713	643	705	668	681	656	713	713	690	713	690	713	8290
ALL HOURS	MEAN	1019.2	1018.0	1015.2	1013.6	1012.7	1011.8	1014.8	1015.0	1015.4	1017.3	1019.3	1019.1	1015.9
	S D	9.368	8.287	8.996	8.980	7.241	5.998	4.396	4.570	6.046	7.880	8.859	9.567	8.117
	TOTAL OBS	5703	5180	5677	5280	5455	5275	5702	5702	5517	5690	5518	5704	66403

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