USAFETAC/DS-79/012

AD A070144

DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

FORT CARSON CO/BUTTS AAF WBAN# 94015
N 38° 4~~6~~' 38°41' W ~~105~~ 46 104°46' FLD ELEV 5838 FT KFCS WMO# 72468
PARTS A-F

POR FROM HOURLY OBS: SEP 66-AUG 75
POR FROM DAILY OBS: SEP 66-AUG 75

JAN 06 1976

FEDERAL BUILDING
ASHEVILLE, N. C.

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S59-4820/b

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This technical report has been reviewed and is approved for publication.

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18 SUPPLEMENTARY NOTES

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

*RUSSWO	Daily temperature	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometric 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 statistical summary of surface weather observations for Fort Carson, Butts AAF, Colorado

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. Percentqge frequency of distribution tables
Dry-bulb temperature versus wet-hulb temperature
Cumulative percentage frequency of distribution tables

* Colorado * Butts AAF CO

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 occurrence or cumulative percentage frequency of occurrence tables.

THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".0", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

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REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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.)

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.

Unless otherwise noted the following summaries are included for this station:

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, & MEAN TEMP
EXTREME MAX & MIN TEMP
PSYCHROMETRIC-DRY VS WET BULB
MEAN & STD DEV .
(DRY BULB, WET BULB, & DEW POINT)
RELATIVE HUMIDITY
PART F STATION PRESSURE
SEA LEVEL PRESSURE

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.

MISSING HOUR GROUPS

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 00-02	APRIL 00-02	JULY 00-02	OCTOBER 00-02
FEBRUARY 00-02	MAY 00-02	AUGUST	NOVEMBER 00-02
MARCH 00-02	JUNE 00-02	SEPTEMBER	DECEMBER 00-02, 03-05

S74 29958

FT. CARSON, CO

CLIMATOLOGY SUMMARY FOR 1978

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Average Temperature	22	30	38	42	55	70	76	70	65	54	41	27
Average Max Temp	30	41	48	51	64	82	90	83	79	66	52	36
Average Min Temp	14	19	27	33	45	57	61	57	50	42	30	17
Max for Month	56	61	76	80	90	96	99	94	89	81	78	54
Precip Inches (Includes water Equivalent at Solid)	.17	.30	.07	.01	3.4	.33	3.17	1.45	.08	.98	.29	.95
Snow Inches	2.0	4.5	.7	T	3.2	Ø	Ø	Ø	T	T	1.0	11.4
Days of Precip 0.01 inches or greater	5	4	4	.1	6	4	9	6	2	2	1	4
Precip days (trace or greater)	9	12	13	3	10	10	12	16	2	2	6	4
Snow Days (trace or greater)	9	9	9	1	2	Ø	Ø	Ø	1	1	6	5
Days Clear(0.2 or less Cloud cover)	Ø	Ø	2	Ø	1	Ø	Ø	2	3	1	2	4
Days Cloudy (0.6 or more cloud cover)	8	7	9	2	6	3	1	1	1	3	3	7
Max Winds Knots	35	22	30	55	43	47	44	52	50	46	28	40
MPH	40	25	35	63	49	54	51	60	58	53	32	46
Max Snow depth Inches	1	5	.05	T	3	Ø	Ø	Ø	T	Ø	1	9

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
94015	FORT CARSON COLORADO/BUTTS AAF	38 41N	105 46W	5838	KFCS	72468

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Butts AAF, Ft Carson Colorado	AAF	Sep 66	Mar 71	38 41N	105 46W	5838	5844	12-17
2	Same	Same	Apr 71	Mar 74	Same	Same	Same	5838	17
3	Same	Same	Apr 74	Aug 75	Same	Same	Same	Same	Same

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	9 Sep 66	Located near end of rnwy 12	AN/GMQ-11	None	8 ft	
2	4 May 67	Same	Same	RO-2	8 ft	
3	4 Mar 68	Located 450 ft from centerline, 350 ft from end of rnwy 12,	Same	Same	Same	
4	4 Apr 71	Located 350 ft West of centerline, 1100 ft from end of rnwy 12	Same	Same	Same	
5	Aug 75	Same	AN/GMQ20	Same	Same	

CONTINUED ON REVERSE SIDE

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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.

A percent value of ".0" in these tables indicates less than [illegible]ercent, which is usually only one occurrence. The various phenomena included in each category on the form[illegible] 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 (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

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 percentages of the observations with precip.

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.

Continued on Reverse

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.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94015	FORT CARSON CO/BUTTS AAF	65-75	ALL
STATION	STATION NAME	YEARS	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		.1	.2	7.8		9.0	2.8	.1	.4		3.4	4010
FEB			.3	.5	9.8		10.2	3.2	.1	.2	.0	3.4	3637
MAR		.6	1.0	.2	11.9		12.8	6.4	.4	.2	.0	7.3	4280
APR		.5	2.8	.3	8.4	.1	11.0	2.9	.1	.8		3.5	4100
MAY		2.7	7.7		.7	.1	9.3	1.9	.1			1.9	4274
JUN		3.7	5.6			.1	5.6	.9				1.2	4281
JUL		7.1	3.6			.1	8.6	1.1				1.1	4449
AUG		4.0	5.2			.1	5.2	1.1			.0	1.2	4427
SEP		1.2	5.2	.1	.8	.1	5.9	2.6	.0			2.6	4004
OCT		.1	4.8	.2	2.8		7.7	4.0	.0			4.0	4115
NOV			.6	.4	4.8		5.4	3.3	.0	.1		3.4	3782
DEC		.0	.2	.0	9.5		9.6	4.6	.1	.5	.0	5.2	3783
TOTALS		1.9	3.5	.2	4.7	.0	9.2	2.9	.1	.2	.0	3.2	49216

DATA PROCESSING BRANCH
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WEATHER CONDITIONS

94015 — STATION
FORT CARSON CO/BUTTS AAF — STATION NAME
67-75 — 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 VISION	TOTAL NO OF OBS.
JAN	00-02												
	03-05				3.3		3.3						30
	06-08		.1	.7	11.7		12.1	4.3		1.2		5.5	752
	09-11		.1	.1	8.8		8.9	5.6		.1		5.7	809
	12-14		.3		6.7		6.8	3.0	.1			3.1	779
	15-17		.1		7.5		7.7	2.6		.1		2.7	731
	18-20		.2	.2	9.4		9.7	1.8	.7	.8		3.3	607
	21-23			.3	7.1		7.5	2.6		1.3		3.6	308
TOTALS			.1	.2	7.6		8.0	2.8	.1	.5		3.4	4016

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WEATHER CONDITIONS

94015 — STATION
FORT CARSON CO/BUTTS AAF — STATION NAME
67-75 — 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												
	03-05				7.9		7.9						38
	06-08		.2	.9	11.1		11.6	4.3	.3			4.6	656
	09-11			1.0	8.8		9.8	4.3	.6			4.5	719
	12-14		.3	.6	6.8		7.1	2.8		.7		3.4	707
	15-17		.7	1.0	10.9		12.0	3.9		.7	.1	4.4	675
	18-20		.4		10.3		10.6	2.9		.2		2.9	556
	21-23		.7		12.6		13.3	4.2				4.2	286
TOTALS			.3	.5	9.8		10.2	3.2	.1	.2	.0	3.4	3637

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94015	FORT CARSON CO/BUTTS AAF	67-75	MAR
STATION	STATION NAME	YEARS	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												
	03-05		1.4		9.5		11.8	13.5				13.5	74
	06-08	.1	.8	1.0	12.2		13.7	8.4	.4	.1	.1	9.0	776
	09-11		.7	.2	13.3		13.9	8.1	1.2	.4		9.3	854
	12-14	.2	.2		11.9		12.0	5.5	1.0	.4		6.7	842
	15-17		1.2		11.7		12.6	4.9	.1	.6		5.5	777
	18-20		1.7		11.4		12.5	3.7				3.7	656
	21-23		1.0		13.6		14.3	3.3				3.3	301
TOTALS		.0	1.0	.2	11.9		12.8	6.8	.4	.2	.0	7.3	4280

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DATA PROCESSING BRANCH
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WEATHER CONDITIONS

94015	FORT CARSON CO/BUTTS AAF	67-75	APR
STATION	STATION NAME	YEARS	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												
	03-05	1.4		1.4	9.5		9.5	5.4		1.4		5.4	74
	06-08		4.3	.4	9.8		13.4	4.8	.4	.7		5.5	744
	09-11	.1	1.9		7.2	.1	9.2	3.2	.1	.4		3.6	805
	12-14	.9	2.6		9.1	.4	11.4	1.8		1.5		3.3	813
	15-17	.9	4.2		10.7	.1	14.6	2.1		1.6		3.6	769
	18-20	.3	4.3	.2	8.6		12.7	1.9		.2		2.1	628
	21-23		2.2		3.7		6.0	1.1				1.1	267
TOTALS		.5	2.8	.3	8.4	.1	11.0	2.9	.1	.8		3.5	4100

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DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94015	FORT CARSON CO/BUTTS AAF	67-75	MAY
STATION	STATION NAME	YEARS	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												
	03-05		6.7		.5		7.2	5.1	.5			5.1	195
	06-08	.4	7.6		.4		7.9	4.6				4.6	776
	09-11	1.1	6.8		1.0	.2	7.1	1.7	.2			1.8	828
	12-14	5.9	8.9		.9	.3	9.5						877
	15-17	5.7	9.0		.4	.1	9.6	.4				.4	753
	18-20	4.3	9.3		1.3		10.6	1.0				1.0	698
	21-23	1.4	5.4		.7		6.1	.7				.7	147
TOTALS		2.7	7.7		.7	.1	8.3	1.9	.1			1.9	4274

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94015 | FORT CARSON CO/BUTTS AAF | 67-75 | JUN
STATION | STATION NAME | YEARS | 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
JU	00-02												
	03-05		3.6				3.6	2.1				2.1	194
	06-08	.5	5.4			.4	5.5	2.3				2.3	775
	09-11	1.3	3.4				3.4	.9				.9	799
	12-14	7.2	5.0			.1	5.1	.3				.3	862
	15-17	10.2	10.7			.2	10.8	.2				.2	806
	18-20	4.7	7.6				7.6	.7				.7	697
	21-23	2.0	3.4				3.4						148
TOTALS		3.7	5.6			.1	5.6	.9				.9	4281

DATA PROCESSING BRANCH
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WEATHER CONDITIONS

94015 — STATION
FORT CARSON CO/BUTTS AAF — STATION NAME
67-75 — 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												
	03-05		2.8				2.8	3.8				3.8	211
	06-08		4.0				4.0	2.0				2.0	783
	09-11	1.1	3.8				3.8	1.1				1.1	829
	12-14	12.4	9.3			.2	9.4	.6				.6	906
	15-17	16.4	14.6			.2	14.8	.4				.4	829
	18-20	12.7	14.7				14.7	.1				.1	723
	21-23	7.0	11.0				11.0						172
TOTALS		7.1	8.6			.1	8.6	1.1				1.1	4449

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WEATHER CONDITIONS

94015 — STATION
FORT CARSON CO/BUTTS AAF — STATION NAME
67-75 — 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												6
	03-05	.4	.9				.9	3.5				3.5	228
	06-08	.5	1.8				1.3	2.1				2.1	811
	09-11	.1	3.2				3.2	1.3				1.3	832
	12-14	5.0	6.3			.2	6.4	.8				.8	877
	15-17	10.3	10.6				10.6	.5				.5	828
	18-20	9.4	10.9			.1	11.0	.6			.1	1.0	735
	21-23	6.1	7.8				7.8						180
		31.8											
TOTALS		4.0	5.2			.0	5.2	1.1			.0	1.2	4497

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94615 — STATION
FORT CARSON CO/BUTTS AAF — STATION NAME
66-74 — 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												16
	03-05		9.3	.5	1.9		11.1	5.6				5.6	216
	06-08		6.8		1.3		8.1	7.7	.1			7.9	750
	09-11	.6	3.2		.8		4.0	3.1				3.1	781
	12-14	1.3	7.6		.7	.1	8.3	1.3				1.3	760
	15-17	2.9	6.2		.7	.1	6.5	.9				.9	688
	18-20	3.5	7.5		.5		7.9	.8				.8	629
	21-23	1.3	5.7		.6		6.3	1.3				1.3	156
TOTALS		1.2	5.2	.1	.8	.0	5.9	2.6	.0			2.6	4004

DATA PROCESSING DIVISION
USSF ETAC
AIR WEATHER SERVICE/MAC

5

WEATHER CONDITIONS

94015	FORT CARSON CO/BUTTS AAF	64-74	OCT
STATION	STATION NAME	YEARS	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												
	03-05		5.3	.6	1.2		7.1	3.6				3.6	169
	06-08		3.3	.6	3.5		7.0	6.0	.1			6.0	781
	09-11		3.7	.4	4.1		7.2	4.8				4.8	832
	12-14	.3	4.4		2.6		7.0	3.8				3.8	799
	15-17	.4	4.0		2.5		6.3	2.9				2.9	731
	18-20		5.4		2.4		7.8	2.7				2.7	629
	21-23		7.3		3.4		10.7	3.9				3.9	178
TOTALS		.1	4.8	.2	2.8		7.7	4.0	.0			4.0	4115

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94015	FORT CARSON CO/BUTTS AAF	64-74		NOV
STATION	STATION NAME	YEARS		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												
	03-05												20
	06-08		.3	1.5	4.9		6.0	5.5		.1		5.7	668
	09-11		.5	.3	7.8		7.9	5.1	.1	.7		5.4	784
	12-14		.3		6.2		6.3	3.7				3.7	763
	15-17		.1		3.8		4.0	3.1		.2		3.2	680
	18-20		1.1		5.7		6.8	2.6		.2		2.7	545
	21-23		1.6	.6	5.0		6.5	3.7				3.7	322
TOTALS			.6	.4	4.8		5.4	3.3	.0	.1		3.4	3782

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 60-74 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												
	03-05												
	06-08		.7	.1	9.6		10.1	4.5		.8	.1	5.3	716
	09-11				8.8		8.8	5.5	.1	.1		5.8	794
	12-14				7.9		7.9	4.3	.3	.5		5.0	747
	15-17				7.1		7.1	3.9		.2		4.1	665
	18-20	.2	.4		12.0		12.2	5.1		.2		5.3	547
	21-23				11.5		11.5	4.5		1.3		5.8	312
TOTALS		.0	.2	.0	9.5		9.6	4.6	.1	.5	.0	5.2	3783

PART A ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data 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 daily 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 the 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 categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

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

NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.

(2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.

(3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

S74-29960

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

94015	FORT CARSON CO/BUTTS AAF	66-75	ALL
STATION	STATION NAME	YEARS	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		3.1	1.1	19.1		23.2	14.5	.4	2.7		16.4	262
FEB			4.1	1.2	21.3		27.5	12.3	1.2	.7		12.7	244
MAR		.7	4.8	1.1	28.1		29.3	19.3	2.2	1.5		20.4	270
APR		4.7	14.3	.8	14.3	1.2	24.0	8.9	.4	1.2		9.7	258
MAY		20.9	33.3		3.7	2.6	34.4	9.9	1.1			9.9	273
JUN		33.1	38.7		.8	2.6	38.7	3.8				3.8	266
JUL		46.7	50.7			1.4	50.7	5.4				5.4	276
AUG		31.5	41.2			1.1	41.2	6.1				6.1	279
SEP		11.5	25.3	.4	2.4	.8	26.1	11.9	.4			12.3	253
OCT		1.1	14.3	.7	7.7		19.8	10.3	.7			10.6	273
NOV			5.5	1.6	13.3		16.1	11.4	.4	1.2		11.4	255
DEC		.4	1.9	.4	19.4		20.2	11.2	1.2	3.4		13.6	258
TOTALS		12.5	19.8	.6	10.9	.9	29.6	10.4	.7	.9		11.0	3167

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.

2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.

(2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.

(3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:		U. S. Navy and National Weather Service (USWB)	
Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 47	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

74 29961

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

[illegible] FORT CARSON/BUTTS AAF [illegible]

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	70.7	14.2	1.7	[illegible]	[illegible]	1.7	[illegible]							[illegible]	174	[illegible]	[illegible]	[illegible]
FEB	71.2	15.1	[illegible]	1.0	2.4	2.7		[illegible]						11.0	183	[illegible]	1.94	[illegible]
MAR	67.1	17.6	1.0	[illegible]	[illegible]	[illegible]	2.5	1.3	[illegible]					13.5	204	1.01	[illegible]	[illegible]
APR	68.7	12.7	1.0	[illegible]	2.5	[illegible]	2.3	[illegible]						13.7	199	[illegible]	1.93	[illegible]
MAY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.7	1.5					21.7	207	1.67	[illegible]	[illegible]
JUN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.5	1.5					[illegible]	[illegible]	1.94	[illegible]	[illegible]
JUL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.5	[illegible]	2.6					[illegible]	217	[illegible]	[illegible]	1.42
AUG	[illegible]	[illegible]	[illegible]	[illegible]	2.3	[illegible]	[illegible]	1.3	[illegible]					30.4	217	1.47	[illegible]	[illegible]
SEP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	179	1.01	[illegible]	[illegible]
OCT	70.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.1						14.6	184	[illegible]	[illegible]	[illegible]
NOV	[illegible]	[illegible]		[illegible]	2.3	[illegible]	1.1	1.1						[illegible]	174	[illegible]	1.93	[illegible]
DEC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.3								11.6	179	[illegible]	[illegible]	[illegible]
ANNUAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]		

1210 [illegible] S FORM JUL 64 0-15-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
PRECIPITATION

(FROM DAILY OBSERVATIONS)

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-75 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV	DEC.	ALL MONTHS
66													
67													
68													
69		* .02	* .60	* .54	* 1.53	1.22	1.67	.81	.35	1.00	* .47	* .20	
70	* .05	.07	* 1.01	.56	.19	.96	1.01	1.50	.54	.25	.37	* TRACE	1.50
71	* .31	* .95	* .10	* .16	.61	* .28	1.28	.56	* .30	* .19	* .10	* .10	1.28
72	* .17	* .09	* .73	* .13	* .35	* .59	* .83	.60	* 1.07	.18	* .88	* .05	* 1.07
73	* .20	.02	.31	.67	1.91	.32	* .78	.13	.20	* .19	.10	.10	1.91
74	.07	.12	.36	* .61	.10	1.12	.51	.49	.26	.88	.09	* .17	1.12
75	* .07	.25	.05	.42	.22	1.68	2.10	1.40					
MEAN	.145	.217	.451	.441	.701	.881	1.169	.779	.453	.448	.335	.103	1.376
S.D.	.101	.332	.347	.216	.723	.513	.556	.503	.324	.383	.312	.073	.342
TOTAL OBS.	174	185	204	198	207	205	213	217	178	184	174	170	2309

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM AUG 66 0-88-3 (OLA)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

94015 STATION | FURT CARSON CO/BUTTS AAF STATION NAME | 66-75 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB.	MAR.	APR	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
66													
67													
68													
69		* .02	* 1.10	* 1.11	* 3.59	3.21	4.22	2.12	.80	2.98 *	.74 *	.31	
70	* .03	.09 *	2.96	1.11	.41	1.94	2.97	2.45	.77	.57	.42 *	TRACE	*13.74
71	* .44	* 1.43	* .26	* .54	1.51 *	.35	4.39	1.14 *	.69 *	.28 *	.10 *	.24	*11.37
72	* .30	* .19	* .92	* .16	* 1.14	* 2.29	* 1.89	1.86 *	2.72	.49 *	1.93 *	.12	*14.01
73	* .22	.05	1.21	1.43	3.55	.61 *	5.22	.33	.80 *	.26	.17	.26	*14.11
74	.22	.24	.49 *	1.08	.23	1.89	1.42	1.10	.28	.94	.11 *	.37	* 8.37
75	* .10	.57	.10	.92	.67	2.62	4.63	1.97					
MEAN	.222	.370	1.006	.907	1.586	1.844	3.534	1.567	1.010	.853	.578	.217	12.320
S.D.	.140	.503	.959	.424	1.422	1.035	1.457	.738	.841	.881	.706	.135	2.479
TOTAL OBS.	174	185	204	198	207	205	213	217	178	184	174	170	2309

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM AA 64 0-86-5 (OLA)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

94015 FORT SMITH FT/BUTTS AAF 58-75

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	79.2	10.4	3.9	1.4	2.1			.7						9.6	144	.4	5.0	.9
FEB	80.1	10.3	4.4	1.6	1.5	.7			.7					13.8	135	3.2	15.4	.3
MAR	87.0	10.0	1.1	0.9	0.9	1.2		1.1	1.7					11.0	179	1.9	31.7	1.0
APR	77.2	14.0	1.7	1.5	1.7	.5	.3							9.1	172	3.2	8.7	TRACE
MAY	93.9	5.0	.3	.6										1.1	180	.2	1.9	.0
JUN	99.4	1.1													179	TRACE	TRACE	.3
JUL	100.0														181	.0	.3	.0
AUG	100.0														186	.0	.3	.0
SEP	93.9	2.7				1.4								1.4	168	1.2	6.0	.0
OCT	91.5	4.8		1.3	1.0									3.9	153	1.0	2.8	TRACE
NOV	82.8	13.3	2.1	1.1	1.4			.7	.7					4.8	140	4.7	15.3	.1
DEC	79.0	14.8	2.3	0.9	1.4	1.4								11.8	142	3.3	9.4	TRACE
ANNUAL	85.3	7.7	1.1	2.9	1.1	.5	.2	.2	.3					5.9	1987	32.1		

1210 WS FORM JUL 64 0-15-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOWFALL
(FROM DAILY OBSERVATIONS)

94015 STATION — FORT CARSON CO/BUTTS AAF STATION NAME — 66-75 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
66													
67													
68													
69													
70													
71	* 5.3	* 9.5	* 10.1	2.0	.2	.0	.0	.0	TRACE	1.5	.2	* TRACE	
72	* 1.0	* 1.3	* 1.5	* 2.0	TRACE	* .0	* .0	.0	* 3.0	* 2.0	* 1.2	* 1.5	* 9.5
73	* .6	.2	7.4	* TRACE	* TRACE	* .0	* .0	* .0	.0	1.0	* 8.8	* 3.3	* 8.8
74	2.0	.9	3.1	1.1	1.0	.0	* .0	.0	.0	* 1.9	1.0	1.1	3.1
75	* 2.1	2.2	4.5	* TRACE	.0	.0	.0	.0	TRACE	TRACE	* .1	2.6	4.5
			.5	4.0	TRACE	TRACE	.0	.0					
MEAN	2.20	2.82	4.52	1.52	.20	TRACE	.00	.00	.60	1.28	2.26	1.70	6.48
S. D.	1.848	3.804	3.653	1.510	.400	.000	.000	.000	1.342	.817	3.688	1.290	3.154
TOTAL OBS.	146	135	179	172	180	175	181	185	148	153	146	142	1942

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM AUG 64 0-88-5 (OLA)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-75 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT	NOV.	DEC.	ALL MONTHS
66													
67													
68													
69													
70			* 31.0	4.8	.2	.0	.0	.0	TRACE	1.5	.2	*TRACE	
71	* 6.8	* 15.6	* 3.0	* 4.1	TRACE	* .0	* .0	.0	* 6.0	* 2.8	* 1.2	* 3.4	* 42.9
72	* 2.0	* 2.9	* 8.9	*TRACE	*TRACE	* .0	* .0	.0	* .0	2.0	* 18.3	* 5.3	* 39.4
73	* .9	.3	13.0	1.3	1.0	.0	* .0	* .0	* .0	* 1.0	1.1	3.6	* 23.1
74	4.0	2.1	5.7	*TRACE	.0	.0	.0	.0	TRACE	TRACE	.1	* 5.4	* 17.3
75	* 2.4	5.2	1.0	8.7	TRACE	TRACE	.0	.0					
MEAN	3.22	5.22	10.43	3.15	.20	TRACE	.00	.00	1.20	1.64	4.18	3.54	30.68
S.D.	2.290	6.064	10.941	3.397	.400	.000	.000	.000	2.683	1.031	7.909	2.186	12.408
TOTAL OBS.	146	135	179	172	180	175	181	185	148	153	146	142	1942

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM AN 64 0-88-5 (OLA)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

94015 FT [illegible] AAF [illegible]

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	69.8	13.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	2[illegible]			
FEB	78.7	11.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]			
MAR	81.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]			
APR	89.9	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]							[illegible]	[illegible]			
MAY	99.2	[illegible]	[illegible]											[illegible]	2[illegible]			
JUN	100.0														2[illegible]			
JUL	100.0														2[illegible]			
AUG	100.0														2[illegible]			
SEP	98.6	.5		.5		.5								.9	2[illegible]			
OCT	97.9	.4	1.2		.4									1.1	2[illegible]			
NOV	87.4	5.1	3.5	.8	.4	2.4	[illegible]							[illegible]	2[illegible]			
DEC	69.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	2[illegible]			
ANNUAL	89.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]			

1210 WS FORM JUL 64 0-15-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOW DEPTH

(FROM DAILY OBSERVATIONS)

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-75 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
66									* 0	* 0	* 0	* 0	
67	* 0	* 0	* 0	* 0	* 0	0	0	0	* 0	0	* 1	* 10	* 10
68	0	3	2	0	0	0	0	0	0	0	2		
69	* 1										* 2	* 0	
70	* 1	1	8	5	0	0	0	0	0	1	TRACE	* TRACE	8
71	* 8	* 7	1	* 1	0	* 0	* 0	0	5	3	* TRACE	* 2	* 8
72	* 3	* 1	* 7	* 0	* 0	* 0	* 0	0	* 0	TRACE	* 9	* 6	* 9
73	* 3	1	2	2	1	0	0	0	0	1	1	2	* 3
74	4	1	1	8	0	0	0	0	0	0	TRACE	* 6	8
75	* 2	3	1	2	0	0	0	0					
MEAN	2.4	2.1	2.8	2.3	.1	.0	.0	.0	.6	.6	1.7	3.3	7.7
S.D	2.506	2.232	3.077	2.866	.354	.000	.000	.000	1.768	1.061	2.872	3.694	2.422
TOTAL OBS.	262	215	234	228	241	235	246	248	220	242	254	219	2846

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM AM 44 0-88-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

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 June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

   NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "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 directions and speed, and in addition the mean wind speed is given 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 VRBL.

   a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.

   b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: 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.

   NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

74-29962

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

94015 FORT CARSON CO/BUTTS AAF 68-75

STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT	NOV.	DEC.	ALL MONTHS
68								1/ 38	36/ 38	36/ 41	36/ 38	25/ 49	
69	26/ 56	28* 37	35* 60	22/ 52	1/ 40	27/ 59	30/ 47	1/ 39	33/ 37	36/ 39	27/ 29	36/ 38	35* 60
70	27/ 52	35/ 38	36/ 43	20/ 49	27/ 43	25/ 38	32/ 48	27/ 36	27/ 33	1* 37	29/ 49	25/ 45	27/ 52
71	27/ 48	31* 45	6/ 60	34/ 42	25/ 70	15/ 44	27/ 63	36/ 39	36/ 45	22/ 47	28/ 38	23* 35	25/ 70
72	24* 55	27* 40	15* 35	35* 55	28* 45	34* 44	32/ 50	1/ 37	28/ 34	35/ 39	1/ 40	1/ 38	24* 55
73	36/ 53	36/ 34	1/ 49	36/ 36	36/ 45	26/ 36	36/ 37	22/ 38	36/ 46	36/ 49	1/ 52	34* 60	34* 60
74	35/ 45	34/ 50	27/ 44	35/ 41	16/ 40	32/ 54	32/ 38	30/ 40	33/ 48	23/ 33	30/ 54	34/ 42	32/ 54
75	33/ 52	33/ 66	34/ 58	27/ 51	34/ 57	33/ 39	28/ 38	27/ 35					
MEAN	51.6	44.3	49.9	46.6	48.6	44.9	45.9	37.8	40.1	40.7	42.9	43.9	58.5
S.D.	3.867	10.965	9.788	6.949	11.058	8.611	9.299	1.669	6.094	5.589	9.063	8.557	6.504
TOTAL OBS.	201	175	206	201	195	202	209	243	204	203	203	183	2425

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

USAF ETAC FORM 0-88-5 (OLA)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 60-75 (YEARS) ALL (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	≥55	%	MEAN WIND SPEED
N	2.2	4.4	3.0	3.0	1.5	.8	.2	.0	.0			15.1	9.7
NNE	.9	1.1	1.0	.8	.2	.2	.0	.0				4.3	8.6
NE	.6	.8	.6	.3	.0	.0	.0					2.4	6.6
ENE	.7	.8	.6	.1	.0							2.2	5.6
E	1.1	1.8	1.0	.2	.0							4.1	5.4
ESE	.9	1.6	1.3	.3	.0							4.2	6.1
SE	1.2	2.3	2.4	.8	.0	.0						6.8	6.8
SSE	1.3	3.0	3.4	1.7	.1	.0	.0					9.5	7.4
S	1.7	3.3	3.5	2.2	.2	.0	.0					10.9	7.7
SSW	.6	.9	.8	.8	.2	.1	.0					3.6	8.6
SW	.6	.8	.8	.9	.3	.1	.0					3.4	9.2
WSW	.6	.9	.9	1.1	.3	.1	.0	.0				4.0	9.7
W	.8	1.4	1.0	.9	.3	.2	.1	.0				4.6	8.9
WNW	.6	.8	.4	.3	.1	.0	.0	.0				2.3	6.8
NW	.9	1.7	.6	.3	.1	.0	.0	.0				3.6	6.2
NNW	1.4	3.3	1.8	1.2	.4	.2	.1	.0	.0			8.4	8.0
VARBL													
CALM												10.6	
	16.2	28.8	23.1	15.0	3.9	1.6	.4	.1	.0			100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 49112

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	57-75	JAN
STATION	STATION NAME	YEARS	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	3.1	4.5	2.3	1.7	1.1	.9	.4	.1	.0			14.0	9.1
NNE	1.0	1.1	.5	.3	.2	.2	.0					3.4	7.7
NE	.6	.5	.3	.2	.0		.1					1.7	6.5
ENE	.8	.5	.2	.1								1.6	4.2
E	1.4	1.4	.7	.1								3.5	4.7
ESE	1.3	1.4	.6	.2	.0							3.7	4.8
SE	1.9	2.3	1.3	.4								6.3	5.7
SSE	1.8	2.5	2.9	1.1	.1							8.3	6.6
S	1.9	2.5	2.7	1.4	.3							8.7	7.2
SSW	.5	.9	.6	.8	.2	.1						3.0	8.6
SW	.5	.8	.6	.9	.3	.1	.0					3.2	9.1
WSW	.7	1.2	.9	1.5	.3	.3	.1	.0				4.9	10.8
W	1.0	1.4	.6	1.0	.5	.1	.1	.1				4.7	9.3
WNW	.6	.9	.4	.1	.1		.0	.0				2.4	6.1
NW	1.5	2.2	.4	.2	.1	.1	.1					4.5	5.6
NNW	2.4	4.0	1.4	.8	.6	.7	.1					9.8	7.7
VARBL													
CALM												16.2	
	21.5	27.9	16.9	10.6	3.6	2.3	.8	.3	.0			100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 3994

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	67-75	FEB
STATION	STATION NAME	YEARS	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	2.4	4.3	2.9	3.1	1.6	.6	.1					15.1	9.6
NNE	1.1	1.0	.9	.9	.2	.1	.0					4.3	8.3
NE	.6	1.0	.3	.1	.1							2.1	5.7
ENE	.7	.8	.4	.1								2.0	5.1
E	1.3	1.6	.7	.2								3.7	5.0
ESE	.8	2.0	1.1	.2								4.1	5.6
SE	1.5	2.4	1.9	1.0	.0							6.8	5.6
SSE	1.5	3.7	2.9	1.3	.1							9.5	6.7
S	1.8	4.4	3.0	1.7	.1	.1						11.0	7.0
SSW	.8	.9	.5	.3	.2							2.5	6.9
SW	1.0	.7	.6	.5	.2	.1						3.1	8.0
WSW	.5	.7	.8	1.1	.4	.2	.1	.0				3.7	10.7
W	.9	1.9	1.0	1.1	.2	.1	.1	.0				5.2	8.7
WNW	.9	1.1	.2	.3	.1							2.7	5.9
NW	1.2	2.4	.6	.2	.0							4.5	5.2
NNW	1.4	3.5	1.0	1.0	.5	.5	.2	.1				8.3	8.7
VARBL													
CALM												11.4	
	18.2	32.3	16.9	13.0	3.7	1.8	.2	.1				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 3636

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (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	1.5	3.3	2.0	2.4	1.5	1.0	.4					12.0	11.0
NNE	.5	.9	1.0	1.7	.4	.3	.0	.1				4.9	11.7
NE	.5	1.0	.5	1.1	.1	.0						3.6	8.9
ENE	.6	.6	.8	.2								2.4	5.9
E	.7	2.2	1.0	.2								4.1	5.8
ESE	1.0	1.4	1.4	.3	.0							4.1	6.0
SE	.9	2.7	2.8	1.0	.0							7.4	7.0
SSE	1.1	2.6	3.0	1.9	.1							9.3	7.5
S	1.5	3.2	3.9	3.1	.3	.0						12.1	8.4
SSW	.6	.8	.7	.8	.5	.2						3.6	9.9
SW	.6	.7	.6	.9	.5	.2	.1					3.6	10.8
WSW	.7	.7	.7	1.4	.6	.2	.1	.0				4.5	11.4
W	1.0	1.2	1.0	1.3	.7	.4	.0	.1				5.7	10.8
WNW	.6	.7	.6	.4	.2	.1	.0					2.6	8.2
NW	.9	1.1	.5	.4	.2	.1						3.2	7.2
NNW	1.3	2.1	1.1	1.1	.5	.4	.1	.1				6.6	9.4
VARBL													
CALM												10.5	
	13.9	25.3	22.7	18.1	5.6	3.0	.7	.3				100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 4274

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 47-75 (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	1.1	2.5	2.6	4.0	2.7	2.7	.2	.0				15.9	13.6
NNE	.9	1.0	.8	.9	.5	.6	.1	.0				4.6	11.9
NE	.5	.7	.7	.5	.1							2.5	7.6
ENE	.5	.9	.3	.2	.0							2.3	6.1
E	.7	1.1	1.5	.3								3.5	6.6
ESE	.8	1.2	1.3	.8	.0							4.2	7.4
SE	.3	1.4	2.4	1.8	.2	.0						6.5	8.9
SSE	.9	2.1	2.7	3.1	.3	.1						8.9	9.5
S	1.0	2.7	3.4	3.0	.6	.1						12.0	9.5
SSW	.9	.9	1.4	1.3	.9	.4	.0					5.5	11.6
SW	.5	1.0	1.0	1.9	.9	.2						5.5	11.1
WSW	.3	.6	1.2	1.8	.6	.3	.1					5.1	11.7
W	.4	1.1	1.6	1.8	.8	.4	.0	.0				5.9	11.1
WNW	.5	.7	.7	.7	.2	.1	.0					2.9	8.9
NW	.4	.8	.8	.5	.1	.0						2.4	7.8
NNW	.6	1.7	1.1	1.3	.7	.2	.2					5.7	10.4
VARBL													
CALM												6.7	
	9.8	20.5	24.3	24.4	8.4	5.2	.8	.1				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 4098

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (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	1.6	3.7	3.2	3.4	1.7	1.0	.2	.0				14.9	10.7
NNE	.9	.9	1.0	1.2	.1	.1	.0					4.9	8.5
NE	.4	.8	.9	.6	.0							2.8	7.8
ENE	.4	.8	.9	.2								2.4	6.8
E	.9	1.9	1.1	.3	.0							4.3	5.7
ESE	.7	1.6	2.1	.7	.3							5.7	7.3
SE	.8	2.2	3.5	1.5		.0						8.0	7.9
SSE	1.0	2.5	4.0	2.7	.1	.0						10.3	9.3
S	1.5	2.6	4.1	3.5	.4	.0	.0					12.2	8.8
SSW	.6	1.0	.9	1.1	.1	.1	.0					3.8	8.8
SW	.4	1.0	.7	.9	.4	.1						3.4	9.8
WSW	.6	.5	1.0	1.1	.4	.2						3.8	10.4
W	.6	1.1	1.0	1.0	.2	.2	.1					4.3	9.4
WNW	.4	.7	.6	.3	.1	.0						2.2	7.8
NW	.4	1.3	.5	.5	.0	.1						2.8	7.5
NNW	.6	2.2	2.0	1.2	.6	.2	.2	.1	.0			7.1	10.1
VARBL													
CALM												7.4	
	11.7	24.9	28.3	20.4	4.3	2.1	.2	.1	.0			100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 4234

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	67-75	JUN
STATION	STATION NAME	YEARS	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	1.7	3.8	3.0	1.8	.7	.2	.0					11.3	8.2
NNE	.8	1.2	.7	.8	.1	.1						3.6	7.7
NE	.7	.8	.6	.2	.0							2.3	5.8
ENE	.6	1.1	.7	.1	.1							2.6	5.9
E	1.3	2.3	1.6	.4	.0							5.6	6.0
ESE	.9	1.7	1.7	.4								4.7	6.3
SE	.8	1.9	2.9	1.1	.1							6.7	7.7
SSE	1.2	2.4	4.4	2.3	.2							10.5	8.3
S	1.2	2.9	4.7	3.3	.6	.1						12.8	8.8
SSW	.6	.9	1.1	1.6	.2	.2						4.6	9.8
SW	.3	.6	1.2	.9	.2							3.3	9.3
WSW	.4	1.1	1.4	1.4	.3	.0	.0					4.5	9.3
W	.3	1.3	1.0	.7	.4	.2	.2	.0				4.5	9.8
WNW	.4	.9	.6	.3	.2							2.4	7.2
NW	.6	1.1	.5	.3	.0	.1	.0	.0				2.7	7.8
NNW	1.2	2.9	2.4	1.5	.4	.1	.0					8.6	8.0
VARBL													
CALM												9.4	
	13.4	27.0	26.3	17.0	3.5	1.0	.3	.1				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 4264

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	67-75	JUL
STATION	STATION NAME	YEARS	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	2.1	4.7	3.7	3.5	1.2	.3	.0					15.6	8.8
NNE	.7	1.7	1.8	.9	.2	.0	.0					4.8	7.3
NE	.7	1.1	.9	.2	.0							3.0	6.2
ENE	.0	1.0	.8	.2								2.7	6.0
E	1.5	2.7	1.4	.2								5.7	5.4
ESE	.9	1.8	1.9	.3	.0							5.1	6.3
SE	1.2	3.0	2.5	.6	.0							7.3	6.5
SSE	1.2	2.9	3.0	1.8	.0	.0						9.0	7.4
S	1.0	2.6	3.0	1.0	.1	.0						8.9	7.3
SSW	.6	1.0	.6	.5	.1							2.7	6.8
SW	.5	.7	.6	.3								2.1	6.5
WSW	.6	1.0	.9	.6	.0	.0						3.2	7.4
W	1.0	1.1	1.1	.6	.1	.0						4.0	7.1
WNW	.4	.5	.4	.2	.1							1.6	7.4
NW	.7	1.5	1.1	.4	.2							3.8	7.1
NNW	1.3	3.6	2.3	1.9	.4	.0	.0					9.8	7.6
VARBL													
CALM												10.7	
	15.0	31.1	26.0	13.5	2.5	.5	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 4444

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24015	FORT CARSON CO/BUTTS AAF	67-75	AUG
STATION	STATION NAME	YEARS	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	2.4	5.2	3.7	3.7	1.0	.1						16.2	8.3
NNE	1.3	1.4	1.1	.9	.1	.0						4.8	7.0
NE	.9	1.2	.8	.2	.0							3.1	5.5
ENE	.8	1.0	.9	.2								2.9	5.7
E	1.5	1.9	1.3	.1								4.9	5.3
ESE	1.0	2.0	1.0	.3	.0							4.9	6.3
SE	1.0	3.2	3.0	.7								8.5	6.3
SSE	1.6	3.3	3.2	1.0	.0							9.2	6.6
S	1.0	2.8	2.5	1.1	.0							8.1	6.6
SSW	.0	.8	.7	.0	.0							2.7	7.1
SW	.5	.6	.7	.6	.1							2.5	7.9
WSW	.8	.8	.9	.2	.1							2.8	6.5
W	.7	1.2	1.3	.8	.0	.0						4.0	7.3
WNW	.8	.8	.3	.2	.1							2.2	5.7
NW	.9	1.6	.4	.3	.0	.0	.0					3.3	5.9
NNW	1.8	3.7	2.3	.9	.2							8.9	6.4
VARBL													
CALM												10.9	
	18.9	31.4	24.8	11.8	1.8	.2	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 4491

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (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	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	4.4	2.8	2.9	1.2	.4	.2					14.1	9.2
NNE	.8	.9	.6	.7	.2	.1	.0					3.4	8.0
NE	.5	.9	.6	.2	.0							2.2	6.2
ENE	.7	1.0	.3	.1	.0							2.2	5.0
E	1.2	1.6	.8	.1								3.8	5.0
ESE	.9	2.0	1.8	.2								4.9	6.0
SE	1.3	2.4	3.1	.8								7.6	6.8
SSE	1.8	4.0	5.4	1.9	.1							13.2	7.2
S	2.1	3.4	4.4	1.8	.2							11.9	7.2
SSW	.8	.9	1.1	1.0	.1	.0						4.0	8.0
SW	.5	.5	.7	1.1	.1							3.0	8.9
WSW	.5	1.0	.8	1.3	.3							3.9	9.4
W	.9	1.4	.8	.5	.1	.0						3.8	6.8
WNW	.5	.7	.3	.2	.0							1.7	5.9
NW	.9	1.6	.4	.1	.0							3.1	5.0
NNW	1.3	3.5	1.8	1.1	.3	.1	.0					8.2	7.2
VARBL													
CALM												9.0	
	17.0	30.6	25.9	14.0	2.6	.6	.3					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 4003

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	60-74	OCT
STATION	STATION NAME	YEARS	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	2.6	4.8	3.4	3.8	2.1	.9	.1	.1				17.8	10.0
NNE	.6	1.0	.7	.9	.2	.2						3.9	8.5
NE	.3	.6	.4	.1	.0							1.7	5.7
ENE	.7	.5	.4	.1								1.7	5.3
E	.9	1.4	.6	.1								3.1	4.9
ESE	.8	1.3	1.1	.2								3.3	5.9
SE	.9	2.8	3.0	.5	.0							7.3	6.6
SSE	1.2	3.9	3.4	1.5	.1		.0					10.2	7.2
S	1.9	4.4	3.9	2.0	.3	.0						12.6	7.3
SSW	.7	1.1	.9	1.0	.2	.0						3.8	8.4
SW	.7	1.0	.7	1.3	.4	.0						4.1	9.5
WSW	.6	1.3	.8	1.0	.3	.0						4.1	8.7
W	.8	1.7	.7	.7	.2	.1						4.2	7.7
WNW	.4	.7	.4	.1		.0						1.6	5.9
NW	.8	1.7	.7	.1		.0						3.3	5.2
NNW	1.5	3.4	2.0	1.1	.4	.2						8.6	7.5
VARBL													
CALM												8.7	
	15.8	31.5	23.1	14.6	4.4	1.7	.2	.1				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 4115

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	66-74	NOV
STATION	STATION NAME	YEARS	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	2.9	5.6	3.1	3.1	1.5	.8	.2	.1				17.5	9.1
NNE	1.3	1.0	1.2	.7	.3	.2	.0					4.7	7.8
NE	.7	.7	.4	.2	.0							2.1	5.8
ENE	.8	.8	.3	.0	.0							1.9	4.6
E	1.1	1.6	.3	.1								3.6	4.9
ESE	.9	1.5	.7	.2								3.2	5.2
SE	1.8	2.0	1.2	.2	.0							5.2	5.3
SSE	1.5	2.8	3.0	1.0	.0							8.2	6.7
S	2.1	4.2	3.4	1.1	.1							10.9	5.3
SSW	.9	.9	.9	.4	.1							3.2	6.4
SW	1.0	.7	1.0	.5	.3							3.5	7.6
WSW	.7	1.1	.8	.9	.3	.1	.0					4.0	8.6
W	.9	1.7	1.0	.9	.3	.3						5.0	8.6
WNW	.5	1.2	.3	.3	.1	.0	.0	.0				2.9	6.4
NW	1.0	2.2	.0	.2								4.1	5.3
NNW	1.9	3.8	1.5	.8	.1	.1						8.0	6.0
VARBL													
CALM												11.9	
	20.0	31.9	20.2	10.6	3.1	1.5	.3	.1				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 3778

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	60-74	DEC
STATION	STATION NAME	YEARS	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	2.9	6.0	2.7	2.7	1.5	1.0	.2	.1				17.1	9.2
NNE	1.0	1.4	1.1	.6	.3	.2						4.8	8.3
NE	.5	.8	.2	.2	.1							1.7	5.8
ENE	.5	.7	.1	.1								1.5	4.6
E	1.0	1.1	.3	.1								2.6	4.6
ESE	.8	1.0	.4	.1								2.3	4.8
SE	1.0	1.6	.7	.2	.1							3.6	5.5
SSE	1.5	2.7	1.9	.5	.0							6.6	5.8
S	2.1	3.8	2.4	1.2	.0							9.5	6.3
SSW	.6	1.1	.5	.6	.1	.0						3.4	7.2
SW	.8	.9	.6	1.2	.2	.1						3.8	8.6
WSW	.6	.9	.9	1.0	.3	.2	.0	.0				3.8	9.8
W	1.1	1.5	.7	.6	.2	.1	.1	.0				4.3	8.3
WNW	.9	1.1	.2	.2	.1	.0						2.5	5.4
NW	1.4	2.8	.8	.4	.1	.1	.0					5.6	5.8
NNW	2.1	3.0	2.1	1.2	.6	.6	.0	.1	.1			11.9	8.4
VARBL													
CALM												14.9	
	18.9	32.3	16.1	11.3	3.5	2.2	.4	.3	.1			100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 3781

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	72-75	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		3.3		3.3								6.7	5.5
NNE													
NE													
ENE													
E													
ESE	3.3											3.3	
SE													
SSE													
S													
SSW													
SW													
WSW	3.3											3.3	3.0
W		3.3			3.3							6.7	13.0
WNW	3.3	0.7			3.3							13.3	7.8
NW	3.3	6.7										10.0	4.0
NNW		20.0	13.3	3.3								36.7	7.1
VARBL													
CALM												20.0	
	13.3	40.0	13.3	6.7	6.7							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 30

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SURFACE WINDS

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

94015 (STATION) | FORT CARSON CO/BUTTS AAF (STATION NAME) | 47-75 (YEARS) | JAN (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	49 - 55	≥56	%	MEAN WIND SPEED
N	3.7	10.5	3.9	1.2	.7	.7	.7	.3				21.6	7.7
NNE	.9	.7	.5	.3								1.9	5.4
NE	.3	.4	.1									.8	4.0
ENE	.3											.3	2.5
E	.7	.5										1.2	3.1
ESE	.7	.4										1.1	3.0
SE	.1	1.2	.9	.1								2.4	4.3
SSE	.5	1.1	1.1	.3								2.9	6.5
S	1.2	1.5	.7	.7								4.0	6.2
SSW	.3	.5	.4	.3								1.5	6.7
SW	.7	.4	.1	.5	.1							1.9	7.4
WSW	.5	1.9	1.2	.8	.1	.3		.1				4.9	9.2
W	1.6	2.4	.6	1.2	.4	.1	.1					6.7	7.2
WNW	1.6	2.0	.3	.1	.1		.1	.1				4.4	6.4
NW	1.9	3.7	.7	.3	.4	.3	.1					7.3	6.9
NNW	4.7	10.1	2.5	.8	.9	1.1						20.1	6.7
VARBL													
CALM												17.1	
	19.1	37.3	13.2	6.5	2.8	2.4	1.1	.5				100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 750

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SURFACE WINDS

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

94015 — STATION
FORT CARSON CO/BUITS AAF — STATION NAME
47-75 — 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	5.0	4.8	2.7	1.5	1.4	.5	.1	.2				16.3	8.1
NNE	2.2	2.5	.9		.4	.1						5.8	5.5
NE	1.1	.7	.1	.2								2.2	4.5
ENE	1.2	.9	.3									2.4	4.2
E	2.7	1.9	.9	.1								5.6	4.4
ESE	1.9	1.2	.9	.2								4.0	4.7
SE	2.2	1.9	.9	.1								5.1	4.5
SSE	1.3	2.6	2.9	1.0	.1							8.2	6.6
S	1.9	2.0	2.0	1.1	.4							8.0	7.0
SSW	.3	.6	.5	.6	.2	.2						2.9	10.0
SW	.9	.7	.4	1.0	.1		.1					3.0	9.5
WSW	.7	.2	.5	1.0		.1	.2					3.6	11.7
W	.5	.7	.2	.4		.1		.4				2.3	11.8
WNW	.7	.2	.1									1.1	3.7
NW	.5	1.2	.4	.1	.1							2.4	5.9
NNW	2.9	2.7	1.5	.4	.7	1.5	.1					9.8	9.3
VARBL													
CALM												17.3	
	26.3	25.6	15.0	8.4	3.3	2.6	.3	.6				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 805

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 47-71 (YEARS) JAN (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	1.2	.8	1.3	1.3	1.6	1.6	.4					8.0	14.2
NNE	.5	.6	.3	.4	.3							2.1	8.1
NE	1.3	.8	.2		.1							2.7	5.0
ENE	1.2	1.0	.3	.1								2.6	4.3
E	1.9	2.3	1.0	.3								5.7	5.0
ESE	3.0	2.8	1.0	.4								7.8	4.9
SE	3.9	3.2	2.8	1.0								11.0	5.7
SSE	2.3	4.3	6.1	2.5	.1							15.8	7.2
S	3.1	3.5	4.5	3.1	.8							15.0	7.0
SSW	.4	1.3	.7	1.6	.4							4.0	9.9
SW	.4	.1	.3	.8	.8	.1						2.5	13.1
WSW	.1	.1	.3	1.9	.5	.5	.1					4.1	15.0
W	.1	.1	.1	1.6	1.3	.1	.1	.1				3.6	16.1
WNW				.3	.1							.4	16.3
NW	.1	.1	.1		.1		.1					.6	12.4
NNW	.4	.4	.5	.5	.1	.4	.1					2.5	12.2
VARBL													
CALM												11.8	
	20.2	22.0	20.5	15.6	6.2	2.7	.9	.1				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 774

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	67-75	JAN
STATION	STATION NAME	YEARS	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	1.9	.7	.6	2.8	1.4	1.0	.3					8.9	12.3
NNE	1.1	1.0	.6	.7	.1	.4						4.1	9.2
NE	.3	.6	.4	.4								1.7	7.4
ENE	1.0	.4	.4	.1								1.9	5.1
E	1.0	1.9	1.0									3.9	5.1
ESE	1.0	1.6	.6	.3	.1							4.8	5.3
SE	2.3	4.3	4.1	.7								12.0	6.0
SSE	2.3	3.9	3.7	1.9								12.0	6.6
S	1.9	3.3	4.6	2.1	.1							12.3	7.4
SSW	.6	.7	.8	1.1	.1							3.3	8.8
SW	.6	.7	.7	1.4	.4	.1						3.9	10.6
WSW	.4	.4	1.0	2.6	.4	.4	.3					5.5	13.5
W	.8	.7	.4	1.7	.6	.3						4.4	10.9
WNW	.3	.1	.2	.1								1.1	7.5
NW	.7	.4	.4	.3								1.8	6.2
NNW	.3	.8	.7	.7	.6	.1						3.2	10.8
VARBL													
CALM												15.1	
	18.0	21.7	21.3	16.9	3.9	2.4	.9					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 743

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94515 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 60-75 (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	2.8	3.6	2.0	1.3	.5	1.2	.5	.2	.2			12.3	10.0
NNE	.5	.5	.5	.3	.5	.3	.2					2.8	11.8
NE	.3		.7	.2								1.2	7.6
ENE	.3	.2										1.0	7.7
E	.5	.5	.7									1.7	5.3
ESE	.5	.7	.3									1.5	6.7
SE	.5	1.2	.3									2.0	4.9
SSE	1.8	1.2	1.0	.2								4.1	4.9
S	1.3	1.5	2.2	.3								5.5	6.2
SSW	1.0	1.5	.3	.3	.2							3.3	6.1
SW	1.2	2.3	1.8	.5								5.8	6.3
WSW	1.3	2.6	.7	.3	.2	.3						5.6	8.6
W	2.0	2.8	1.0	.8								6.6	5.7
WNW	1.2	1.7	1.0									3.8	5.1
NW	4.0	5.0	.5	.2								9.6	4.1
NNW	3.5	4.8	1.2	1.5	.7	.2						11.8	6.6
VARBL													
CALM												21.5	
	23.5	30.0	14.1	6.0	2.0	2.0	.7	.2	.2			100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 604

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24015	FORT CARSON CO/BUTTS AAF	48-75	JAN
STATION	STATION NAME	YEARS	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	5.5	8.8	4.2	1.9	.6							21.1	6.0
NNE	1.0	1.3	.3	.3		.3						3.2	7.5
NE				.6			.6					1.3	23.0
ENE		.3										.3	4.0
E	1.3		.3									1.6	3.0
ESE	.3	1.0										1.3	4.0
SE	.3	1.0	1.3	.3								3.2	7.2
SSE	1.3	.6	1.3									3.2	5.2
S	1.9	2.3	1.6									5.2	5.3
SSW	.3	1.3	1.0	.6								3.2	7.5
SW	.3	1.0	.6	1.0								2.9	8.7
WSW	.6	3.2	1.6	1.3	.3	.3						7.5	8.0
W	1.9	2.3	1.3									5.5	4.8
WNW	1.3	2.3	1.0	.3								4.9	5.1
NW	3.0	4.2	.3	.6								8.8	4.5
NNW	3.9	5.5	1.0	.6	.3	.6						12.0	6.3
VARBL													
CALM												14.6	
	23.1	35.1	16.2	7.8	1.3	1.3	.6					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 368

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 71-75 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0300-0900 (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	2.6	2.6	5.3	2.6							15.8	10.5
NNE													
NE	2.6											2.6	2.0
ENE													
E													
ESE													
SE			2.6									2.6	7.0
SSE			2.6									2.6	8.0
S		5.3	2.6									7.9	5.3
SSW	2.6											2.6	2.0
SW													
WSW													
W		2.6										2.6	4.0
WNW	2.6	2.6										5.3	4.5
NW	7.9	7.9	5.3									21.1	5.1
NNW	5.3	15.8	2.6	5.3								28.9	6.5
VARBL													
CALM												7.9	
	23.7	36.8	18.4	10.5	2.6							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 38

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	67-75	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0600-0900
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	5.0	9.0	3.7	3.7	.6		.2					22.1	7.0
NNE	1.5	2.0	.3	1.1								4.9	6.3
NE	.2	.3	.3									.9	5.7
ENE	.5	.5										.9	3.7
E	.3	.6										.9	4.0
ESE	.6	.6	.3	.2								1.3	5.4
SE	.2	.5	.3	.2								1.1	6.0
SSE	.8	1.8	1.4	.2								4.1	5.7
S	1.2	2.4	.8	1.1	.2							5.6	6.6
SSW	.3	.9										1.2	4.1
SW	.8	.8										1.5	3.7
WSW	.2	.6	.5	.6		.2						2.0	10.2
W	2.0	2.4	.6	.2			.5	.2				5.6	8.5
WNW	2.6	1.4										4.0	3.2
NW	3.5	5.3	.8									9.6	4.1
NNW	4.0	10.5	2.7	1.2	.8	.8						20.6	6.4
VARBL													
CALM												13.7	
	24.1	39.8	11.0	8.2	1.5	.9	.2	.2				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 655

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	67-75	FEB
STATION	STATION NAME	YEARS	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	4.5	5.6	2.5	4.0	1.3	.7						18.5	8.4
NNE	1.5	1.4	1.7	.8	.4							5.8	7.8
NE	1.4	1.7	.3	.1								3.5	4.2
ENE	1.9	.0	.0	.1								3.2	4.4
E	2.5	1.5	.6									4.6	3.5
ESE	.4	2.5	.7	.1								3.8	5.3
SE	1.7	1.4	1.7	.3	.1							5.1	6.1
SSE	2.9	3.9	2.5	1.3								10.6	6.0
S	1.9	4.7	2.0	1.9	.1							11.4	6.8
SSW	.7	.6										1.3	3.7
SW	1.0	.1	.1	.3	.3							1.8	7.3
WSW		.4	.4	1.3	.4	.3	.1					2.9	14.3
W	.6			.1	.1	.1	.4					1.4	16.1
WNW	.1	.6			.1							.8	6.5
NW	.3	.6	.3	.4								2.1	5.2
NNW	1.1	1.1	.1	1.6	.3	.8	.4					4.9	12.7
VARBL													
CALM												18.4	
	23.1	26.6	14.6	11.8	3.2	1.9	1.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 719

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94615 — STATION
FT CARSON CO/BUTTS AAF — STATION NAME
67-75 — 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	1.0	1.1	1.8	2.7	1.6	1.0	.3					9.5	12.7
NNE	1.0	.3	.7	.7	.4	.4						3.5	10.5
NE	.7	1.4	.4	.0	.1							3.3	6.9
ENE	.3	.7	.3	.3								1.1	6.8
E	1.0	2.1	1.6	.4								5.7	5.7
ESE	1.7	3.7	2.4	.3								8.1	5.7
SE	2.3	4.7	2.0	1.7								11.7	6.5
SSE	1.3	0.4	4.2	3.1	.3							15.3	7.5
S	2.3	3.9	5.4	3.4								16.7	7.6
SSW	.1	1.4	1.0	.4	.0							3.5	8.8
SW	.0	.6	.3	1.0	.7	.						3.7	12.8
WSW		.3	.0	.7	.4	.3	.1	.1				2.5	16.1
W		.4	1.0	.8	.6	.1						3.0	12.6
WNW	.6	.4		.6	.1							1.7	8.2
NW		.1	.1	.3	.1							.7	12.2
NNW	.1	.8	.3	.6	.8	.3	.1	.4				3.3	16.8
VARBL													
CALM												5.8	
	.4	30.1	23.5	17.2	5.6	2.7	.0	.6				109.0	3.2

TOTAL NUMBER OF OBSERVATIONS 707

USAFETAC FORM JUL 64 0-9-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	67-75	APR
STATION	STATION NAME	YEARS	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	.6	1.3	2.7	3.0	1.6	1.8						11.1	13.1
NNE	.7	.6	.7	1.2	.4		.1					4.0	10.3
NE	.4	.9	.6		.3							2.2	6.9
ENE	.9	1.6	.7									3.8	5.4
E	1.2	2.4	1.0	.4								5.6	5.9
ESE	.9	3.0	1.8	.1								5.5	5.9
SE	1.9	4.3	3.3	2.8								12.3	7.1
SSE	1.3	3.9	5.9	2.2								13.0	7.6
S	1.3	5.0	4.4	2.7		.4						13.9	8.1
SSW	.3	.3	1.2	1.0	.3							3.1	10.6
SW	.3		1.3	1.0	.1	.1						3.0	11.2
WSW	.4	.1	1.2	1.8	1.0							4.6	12.0
W	.4	.3	1.0	2.7	.3	.1						4.9	12.1
WNW	.1	.4	.6	.7	.4							2.4	10.6
NW	.3	.7	1.0	.3								2.4	7.1
NNW	.1	.6	1.0	1.5	.3	.3	.4					4.3	13.8
VARBL													
CALM												4.9	
	10.5	25.5	29.2	21.5	5.0	2.8	.6					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 675

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE / MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	60-75	FEB
STATION	STATION NAME	YEARS	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	4.0	3.1	2.5	2.7	.5	.2					13.8	10.9
NNE	.5	1.4	1.4	.9								4.3	8.0
NE		.4										.4	5.5
ENE	.7	.7										1.4	3.6
E	.7	1.1	.2									2.0	4.0
ESE	.9	.2	.4	.2								1.6	5.3
SE	1.6	1.6	1.4	.7								5.4	6.0
SSE	1.6	3.2	1.1									5.9	4.7
S	3.2	4.0	1.4									9.6	4.4
SSW	1.1	1.4	.5									3.1	4.7
SW	2.7	2.2	.7	.4								5.9	4.6
WSW	1.6	2.2	1.6	1.3		.2						7.0	7.1
W	1.1	5.4	2.3	1.6								10.4	6.5
WNW	1.3	2.3	.7	.2								4.5	4.9
NW	1.3	5.0	.5	.2								7.0	5.0
NNW	.7	3.2	.7	.5	.4	.4						5.9	7.7
VARBL													
CALM												17.6	
	20.0	36.3	16.4	8.5	3.1	1.1	.2					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 556

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FT CARSON CO/BUTTS AAF	68-75	FEB
STATION	STATION NAME	YEARS	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	1.7	5.6	4.5	1.0	1.7	1.0						15.7	9.1
NNE	1.0	.3	.3									1.7	4.4
NE	.3	1.0	.3									1.7	5.0
ENE		.7	.3									1.0	7.3
E	1.0	1.7										2.8	3.9
ESE		1.7	.3									2.1	4.7
SE		1.0	1.7									2.8	7.3
SSE	1.7	1.4	1.0									4.2	4.4
S	.7	3.1	2.4									6.3	5.8
SSW	2.1	1.3	.3									3.5	3.6
SW	1.0	.7	1.4									3.1	5.6
WSW	2.1	1.0	.7	.7	.3							4.9	6.1
W	1.7	5.6	1.4	1.4	.3							10.5	6.7
WNW	1.0	2.1	.3									3.5	4.7
NW	1.4	4.2	.7									6.3	4.9
NNW	2.1	7.0	1.4	1.4								11.9	6.0
VARBL													
CALM												17.8	
	18.2	38.5	17.5	4.5	2.4	1.0						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 286

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FT CARSON CO/BUTTS AAF	74-7[illegible]	MAR
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	4.1	4.1	4.1	1.4								13.5	6.3
NNE		1.4										1.4	4.0
NE	1.4	1.4										2.7	4.0
ENE													
E		1.4										1.4	4.0
ESE			1.4									1.4	8.0
SE	4.1	1.4	1.4	1.4								8.1	5.2
SSE		1.4	1.4	1.4								4.1	9.0
S													
SSW		1.4		1.4								2.7	10.5
SW	1.4		1.4									2.7	5.0
WSW			1.4	1.4	1.4							4.1	13.3
W				1.4	1.4	1.4						4.1	18.0
WNW	1.4	4.1										5.4	5.0
NW	5.4	5.4										10.8	3.4
NNW	8.2	8.1	2.7	1.4			1.4	1.4				21.6	9.2
VARBL													
CALM												16.2	
	24.3	29.7	13.5	9.5	2.7	1.4	1.4	1.4				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 74

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUITS AAF	67-75	MAR
STATION	STATION NAME	YEARS	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	4.3	9.7	3.7	3.2	1.2	1.8						23.8	8.2
NNE	.8	.8	.6	.9	.4	.3						3.7	9.9
NE	.8	1.0	.5	.1		.1						2.3	6.2
ENE	.3	.8	.3									1.3	4.8
E	.1	.4	.4									.9	6.6
ESE	.4	.9	.3									1.5	4.9
SE	.5	1.4	1.0	.1								3.1	6.0
SSE	.5	2.1	1.9	.6								5.2	7.2
S	1.8	2.4	1.9	.6	.3							6.3	7.0
SSW	1.2	.6	.5	.1								2.4	4.3
SW	.9	.6	.4	.4	.3	.1						2.7	7.7
WSW	.5	.9	.3	1.2	.4	.1	.3					3.6	11.8
W	1.2	.9	1.0	.8	.3	.5						4.6	9.5
WNW	1.5	1.2	.4	.1		.1	.1					3.5	5.7
NW	3.1	2.6	.4	.4	.1							6.6	4.3
NNW	2.4	4.6	3.1	.9	.1	.3	.1					11.5	6.8
VARBL													
CALM												16.8	
	19.3	30.9	16.6	9.5	3.0	3.4	.5					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 776

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	57-74	MAR
STATION	STATION NAME	YEARS	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	1.2	2.5	1.4	2.5	1.2	.7	.4					9.7	11.4
NNE	.9	.9	.9	1.3	.2	.2	.1					4.7	9.7
NE	.7	1.5	.6	1.6								4.7	8.4
ENE	1.4	1.1	.9	.4								3.8	5.4
E	1.4	3.2	.6	.2								5.6	5.1
ESE	1.5	2.7	1.0	.2								6.1	5.4
SE	1.9	3.6	3.5	.5								9.6	6.2
SSE	1.0	2.9	4.6	3.1	.1							12.3	9.0
S	1.5	4.1	2.9	3.3	.1							12.0	7.8
SSW	.1	.5	.5	1.1	.4	.1						2.6	11.9
SW	.5	.1	.4	1.1	.5	.6						3.1	13.8
WSW	.4	.1		.7	.7	.1		.1				2.1	15.2
W	.6		.5	.7	.9	.2	.1	.2				3.2	15.4
WNW	.2	.1	.1		.1							.5	9.3
NW	.4	.4	.1			.2						1.1	8.6
NNW	.4	1.4	.9	.6	.6	1.1		.2				5.4	13.7
VARBL													
CALM												13.5	
	14.6	25.2	20.1	17.1	5.0	3.3	.6	.6				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 852

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (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	.2	1.1	.8	1.2	1.3	1.0	.4					6.0	14.9
NNE	.4	.3	.7	2.3	.6	.2						5.0	12.1
NE	.0	.8	.2	1.3	.2							3.2	9.7
ENE	.0	.2	.5	.4								2.3	8.2
E	.3	3.1	2.3	.5								6.3	6.8
ESE	1.0	1.5	3.1	.5								6.1	6.8
SE	1.0	3.1	5.1	2.1	.1							11.4	7.9
SSE	1.0	3.5	5.4	2.9	.4							13.0	8.4
S	1.2	3.0	6.1	3.6	.6	.1						16.5	9.6
SSW	.4	.5	1.0	1.3	1.2	.5						4.8	13.4
SW	.5	.4	.7	.8	.7	.1	.2					3.5	12.6
WSW	.4	.8	.5	1.7	1.1	.7	.1	.1				5.4	14.3
W	.4	.4	.4	1.2	1.0	.6	.1					3.9	14.5
WNW		.2	.3	.5	.4	.2						2.1	12.8
NW	.2	.5	.4	.1	.2	.4						1.8	11.5
NNW	.4	.4	.2	1.2	.8	.4	.2					3.6	14.4
VARBL													
CALM												5.2	
	8.3	20.8	28.1	23.5	8.6	4.2	1.1	.1				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 840

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SURFACE WINDS

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

94015 — STATION
FORT CARSON CO/BUTTS AAF — STATION NAME
67-75 — 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	.5	.6	.9	2.1	2.6	.9	.3					7.9	15.0
NNE	.3	.9	1.3	2.3	.3	.6						5.7	12.[illegible]
NE	.1	1.0	1.2	1.4	.4							4.1	10.1
ENE	.1	.6	1.5	.3								2.6	7.6
E	.6	3.0	1.5	.3								5.4	5.7
ESE	.9	1.4	1.9	.6	.1							5.0	7.0
SE	.4	2.8	4.0	1.8								9.0	7.7
SSE	.6	2.4	3.0	2.7	.1							9.5	8.8
S	.9	3.4	5.5	5.8	.5	.1						16.2	9.4
SSW	.3	.8	1.0	1.5	1.0	.3						4.9	12.1
SW	.1	.3	.6	1.7	1.2	.3	.1					4.3	14.7
WSW	.4	.5	1.2	2.6	.5	.1						5.3	11.9
W		.8	1.7	2.8	1.4	.5		.1				6.8	14.3
WNW	.1	.4	1.0	1.0	.3	.1						3.0	11.3
NW		.1	1.2	1.2	.4							2.8	12.1
NNW	.3	.5	.6	1.2	.5	.3						3.5	11.9
VARBL													
CALM												4.0	
	5.1	19.7	28.4	29.3	9.3	3.2	.4	.1				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 776

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SURFACE WINDS

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

94015 (STATION) | FT SILL OK CO/BUTTS AAF (STATION NAME) | 68-75 (YEARS) | MAR (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	2.4	2.0	2.3	1.8	.9	.3					11.6	12.3
NNE	.3	.9	1.5	2.0	.5	.3		.2				5.6	11.9
NE	.3	.3	1.8	1.4	.2							4.0	9.9
ENE	.8	.9	.9									2.6	5.3
E	.9	1.4	.2	.2								2.6	4.6
ESE	1.2	.5	.5									2.1	4.1
SE	.5	2.0	1.1	.3								4.4	6.2
SSE	1.7	2.4	2.7	.5								7.3	5.9
S	2.7	3.4	3.8	1.1	.3							11.3	6.7
SSW	.8	2.0	.8									3.4	4.7
SW	.9	2.4	.8	1.1	.2							5.3	7.0
WSW	1.2	.9	2.0	1.2	.2							5.5	8.2
W	2.8	4.3	2.7	1.1								10.4	6.3
WNW	.5	1.2	1.1	.2	.2							3.0	7.0
NW	.3	1.8	.8	.5	.3							3.5	7.7
NNW	1.7	2.0	.8	1.5	.3	.3						6.6	8.1
VARBL													
CALM												10.8	
	17.1	29.4	23.5	13.1	3.8	1.5	.8	.2				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 656

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	73-75	JAN
STATION	STATION NAME	YEARS	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	1.7	3.7	4.0	4.3	1.0	.7	1.0					16.3	11.0
NNE	.7	1.3	1.3	1.0				.7				5.0	11.7
NE		1.0	1.0	.7								2.7	8.3
ENE	.3	.7	.3									1.3	5.0
E		1.7	.7									2.3	5.6
ESE	1.3	.3										1.7	3.4
SE	.3	1.7		.7								2.7	6.2
SSE	1.3	2.0	3.0	.3								6.7	5.9
S	2.3	3.3	2.7	.3								8.7	5.8
SSW	1.7	1.0	.3	.3								3.3	4.5
SW	1.3	.3	.3									2.0	3.3
WSW	3.3	1.3	1.0	.7		.3						6.7	5.5
W	3.0	2.3	1.0	1.3								7.7	6.0
WNW	2.0	2.0		.7								4.7	4.6
NW	1.3	1.0	.3	.3								3.0	5.1
NNW	4.3	4.7	.3	1.0		.3						10.7	5.3
VARBL													
CALM												14.7	
	25.0	26.3	16.3	11.7	1.0	1.3	1.0	.7				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 300

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 70-75 (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	1.4	2.7		1.4	1.4		1.4					8.1	12.8
NNE													
NE	1.4											1.4	2.0
ENE													
E													
ESE			1.4									1.4	7.0
SE		1.4	2.7									4.1	8.0
SSE		1.4		1.4								2.7	10.0
S	1.4	2.7	2.7									6.8	5.8
SSW			1.4	1.4								2.7	9.5
SW	1.4	2.7		1.4								5.4	6.5
WSW	1.4		2.7	2.7			1.4					8.1	12.7
W		1.4	1.4									2.7	7.5
WNW	1.4	2.7	2.7									6.8	5.2
NW	1.4	6.8	2.7									10.8	5.6
NNW	1.4	10.8	4.1	2.7	1.4	1.4						21.6	8.3
VARBL													
CALM												17.6	
	10.9	32.4	21.6	10.8	2.7	1.4	2.7					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 74

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (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	3.0	6.0	5.9	3.4	3.0	3.6	.1					25.0	11.2
NNE	.9	2.3	.8	.8		.6	.1					5.3	9.3
NE	.9	1.3	.7	.4								3.4	5.9
ENE	.5	.4	.1									1.1	3.9
E	.9	1.7	.9									3.6	5.2
ESE	.9	1.3	1.2	.1								3.6	5.9
SE	.7	1.3	1.5									3.5	6.1
SSE	.8	3.0	.9	.7								5.4	6.1
S	.4	1.3	1.2	.9	.4							4.3	8.7
SSW	.3	.4	.9	.5	.4	.1						2.7	10.8
SW	.7	1.1	.7	1.1	.1							3.6	8.1
WSW	.1	.4	.4	1.3	.7	.4						3.4	13.9
W	.7	.7	.3	1.1	.3							3.0	9.0
WNW	.3	1.1	.3									1.9	4.5
NW	.7	1.7	1.2			.1						3.8	6.3
NNW	1.0	3.8	2.3	1.6	.3		.4					9.2	8.0
VARBL													
CALM												16.1	
	13.7	28.0	19.4	12.0	5.1	5.1	.7					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 744

DATA PROCESSING BRANCH
5TAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94115	FORT CARSON CO/BUTTS AAF	67-75	APR
STATION	STATION NAME	YEARS	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	.7	2.0	2.7	1.7	2.9						10.9	14.8
NNE	.6	1.2	.9	.6	.6	.7	.2					5.1	13.0
NE	.5	.6	.9	.4	.2							2.6	8.1
ENE	1.0	.9	.9									2.7	5.0
E	1.9	1.4	2.5	.2								6.0	5.9
ESE	1.1	2.0	1.0	.6								5.3	6.6
SE	1.1	2.7	4.1	1.7	.1							9.8	7.8
SSE	.7	2.0	4.7	3.9		.1						12.0	9.0
S	1.0	4.0	4.1	3.2	.5	.1						13.5	8.4
SSW	.7	1.0	1.2	2.0	1.0	.1						6.7	11.8
SW	.5	.2	.7	2.0	.7							4.2	12.0
WSW	.7		.7	1.5	.6	.4	.1					4.1	13.1
W	.1	.4	.7	1.5	.5	.9						4.1	14.9
WNW	.4		.5	.5	.2	.1	.1					1.9	12.5
NW	.2		.2	.2		.1						.9	10.4
NNW	.4	.7	.2	.5	1.2	.4	.4					3.9	15.0
VARBL													
CALM												3.2	
	12.3	18.5	26.1	21.0	8.2	6.0	.9					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 805

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) | FORT CARSON CO/BUTTS AAF (STATION NAME) | 67-75 (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	.1	.5	1.7	3.1	4.4	2.5	.2	.1				12.7	10.9
NNE	.1	.6	1.0	.5	.4	.5	.1	.2				3.4	14.3
NE	.1	.6	1.0	.6								2.3	8.4
ENE	.5	1.4	.9	.2								3.0	6.7
E	.4	1.7	2.0	.4								4.4	7.2
ESE	.7	1.1	1.7	1.5								5.0	8.2
SE	.5	1.4	2.8	3.7	.4							8.7	10.0
SSE	.4	2.2	3.1	6.0	.4	.4						12.4	10.9
S	.4	2.1	5.6	7.3	1.4	.1						17.0	11.1
SSW	.1	.5	1.4	1.7	1.0	1.2	.1					6.0	14.9
SW		.4	1.0	2.1	1.4	.6						5.4	14.6
WSW		.2	.7	1.8	1.0	.9						4.7	15.1
W	.4	.5	1.0	1.5	1.1	.1						4.6	12.4
WNW	.2	.5	.4	1.1	.5	.2						3.0	12.7
NW		.1	.5	.9	.1							1.6	12.1
NNW	.1	.5	.9	1.4	.4	.4						3.6	12.4
VARBL													
CALM												2.2	
	4.1	14.3	25.7	33.7	12.3	6.9	.5	.4				100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 313

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	57-75	APR
STATION	STATION NAME	YEARS	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	.3	1.7	1.8	4.3	2.7	3.8	.3					14.8	15.8
NNE	.1	.7	.3	1.4	1.4	.4	.1					4.4	14.6
NE	.3	.8	.3	.9	.1							2.3	9.5
ENE	.3	1.2	.9	.5	.1							3.0	7.9
E	.3	.3	1.2	.5								2.2	8.1
ESE	.5	.8	1.2	1.6	.1							4.2	9.9
SE	.1	1.2	2.7	3.4	.4	.1						7.9	10.8
SSE	.3	1.3	4.0	4.2	.9							10.7	10.8
S	.4	1.6	0.0	0.5	.8	.5						16.4	11.0
SSW	.5	.5	1.3	1.4	1.4	.5						5.7	13.1
SW	.3	.4	1.7	3.1	2.2	.4						8.1	13.5
WSW	.3	.4	1.0	2.6	.8		.1					5.2	12.3
W		.8	1.4	2.7	1.0	.5	.1					6.6	13.7
WNW	.1	.3	.9	1.4	.3							3.0	11.1
NW	.1	.1	.3	.5	.3							1.3	11.2
NNW	.1	.1	.5	1.0	.7							2.9	13.3
VARBL													
CALM												1.2	
	3.9	12.0	20.0	36.7	13.3	6.2	.1					100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 708

USAFETAC FORM JUL 64 (DL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24015	FORT CARSON CO/BUTTS AAF	68-75	APR
STATION	STATION NAME	YEARS	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	1.1	2.1	2.4	6.9	1.8	1.8	.2					16.1	12.9
NNE	.9	.8	1.0	1.0		.3						4.3	9.7
NE	.5	.5	.8	.5								2.4	7.1
ENE	.9	.8	.6	.3								2.2	6.6
E		.3	1.1	.3								1.8	8.8
ESE	.8	1.1	1.4	.6	.2							4.1	7.8
SE	.8	.8	1.1	.8	.2							3.7	7.6
SSE	1.0	2.2	1.1	1.1	.2							5.6	7.1
S	1.9	4.6	2.2	1.1	.3							10.2	7.7
SSW	1.1	1.6	2.4	1.0	.5	.3						6.9	8.7
SW	.8	2.6	1.3	1.1	.2							5.9	5.8
WSW	1.3	1.4	2.2	1.8								6.7	7.9
W	1.0	2.9	4.6	2.9		.3						11.6	8.7
WNW	.8	1.9	1.3	.5								4.5	6.5
NW	.6	1.1	.5	1.0								3.2	7.3
NNW	.3	1.6	1.3	1.3	1.0		.2					5.6	11.0
VARBL													
CALM												5.3	
	13.2	26.3	25.4	22.6	4.1	2.7	.5					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 627

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	48-72	APR
STATION	STATION NAME	YEARS	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	1.5	6.7	4.1	5.2	1.5	.7	.4					20.2	9.9
NNE	1.9	.4	1.5	.7	.4	.4						5.2	8.6
NE	.4	.4	.4	.4								1.5	8.5
ENE	.4	.7										1.1	3.7
E	.4	.7	.7									1.9	5.2
ESE	.7	.4										1.1	3.7
SE	.4				.4							.7	10.5
SSE		.7	1.5	.7	.4							3.4	9.4
S	1.5	3.0	1.5									6.0	4.7
SSW	1.5	2.2	.7	.4								4.9	5.1
SW	1.1	2.6	1.1	1.1								6.0	6.4
WSW	1.1	3.0	3.4	.7	.4							8.6	7.7
W	.4	3.7	2.6	1.1		.4		.4				8.6	9.0
WNW	2.0	.4	1.1									4.1	4.3
NW	1.5	2.6	.7									4.9	5.0
NNW	1.5	4.5	1.9	1.5	.7							10.1	7.4
VARBL													
CALM												11.6	
	16.9	32.2	21.3	12.0	3.7	1.5	.4	.4				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 267

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	67,70-75	MAY
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	3.3	12.4	3.1	4.1	.5	.5						24.4	7.1
NNE	1.0	1.0										2.6	2.6
NE	.5	1.5	.5									2.6	5.7
ENE	.5											.5	2.0
E		1.0										1.0	4.5
ESE													
SE		1.0	1.0									2.1	6.5
SSE	2.1	.5	1.0									4.1	5.0
S		1.0	2.1	.5								3.6	8.1
SSW	.5	1.0										1.6	3.7
SW	.5	1.0										1.6	4.3
WSW	1.6	1.0	.5	.5	.5							4.1	7.3
W		1.6										1.6	4.3
WNW	1.0	2.1	1.0									4.1	4.6
NW	1.6	7.8	3.1									12.4	5.2
NNW	1.0	10.4	3.6	.5	1.0	.5	.5					18.1	7.6
VARBL													
CALM												15.5	
	15.0	43.5	16.6	5.7	2.1	1.0	.5					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 1.3

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SURFACE WINDS

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

94015	FT CARSON CO/BUTTS AAF	57-75	MAY
STATION	STATION NAME	YEARS	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	4.8	9.0	6.8	3.8	1.3	.4						26.0	7.6
NNE	2.3	1.8	.4	1.0								5.6	5.4
NE	.3	.7	.7	.1	.1							1.8	7.4
ENE	.4	.7	.3	.1								1.4	5.8
E	1.3	.5	.1									2.0	3.3
ESE	1.0	1.3	.9									3.3	5.0
SE	1.4	1.0	1.4	.1								4.0	5.4
SSE	1.2	1.7	2.9	.9								6.6	6.7
S	2.0	1.8	2.3	1.6	.1							7.9	7.0
SSW	.8	1.2	.7	.3								2.9	5.6
SW	.3	.5	.4	.7	.1							2.0	8.9
WSW	.3	.4	.4	.7	.3							2.0	9.9
W	1.0	.1	.3	.3								1.7	4.9
WNW	.8	.4	.3			.1						1.6	5.4
NW	.7	1.3	.5									2.5	4.4
NNW	2.0	5.1	3.1	1.4		.3	.3					12.1	7.3
VARBL													
CALM												16.7	
	20.4	27.5	21.3	10.9	2.0	.8	.3					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 768

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE / MAC

5

SURFACE WINDS

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

94015 — STATION
FT CARSON CO/BUTTS AAF — STATION NAME
57-75 — 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	.6	2.1	1.3	2.4	.9	.9	.4					8.7	12.1
NNE	.7	.4	2.2	1.5								4.8	8.4
NE	.4	.6	1.1	.1								2.2	6.9
ENE	.9	1.3	.7	.2								3.2	5.7
E	1.6	2.2	1.1	.4								5.3	5.4
ESE	1.2	2.4	3.1	.5								7.2	5.4
SE	1.1	4.4	4.9	1.0								11.4	6.8
SSE	2.4	5.1	5.7	3.1	.2							16.6	7.4
S	1.6	3.7	6.4	4.6	.6							16.9	8.9
SSW	.8	1.0	1.3	1.0	.1	.1						4.2	8.9
SW	.2	.5	.5	.9	.5							2.6	11.3
WSW	.4	.5	.4	1.3	.2	.1						2.9	11.1
W	.4	.1	.0	.9	.1	.2						2.3	11.3
WNW	.2	.4		.1	.2							1.0	9.8
NW		.4	.2	.2								.9	7.9
NNW	.1	.5	.5	1.2	.6	.1						3.1	11.7
VARBL													
CALM												7.0	
	12.5	25.6	30.2	19.4	3.5	1.5	.4					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 818

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CJ/BUTTS AAF (STATION NAME) 67-75 (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		1.0	1.6	2.6	1.3	1.7	.5	.1				8.9	15.7
NNE	.6	.8	2.4	1.5	.1	.1						5.5	9.3
NE	.6	.7	.8	.9								3.0	8.0
ENE	.2	.5	1.6	.3								2.9	8.1
E	.7	3.2	2.0	.2								6.1	6.0
ESE	.7	2.3	2.9	1.2	.1							7.1	7.9
SE	.6	2.9	5.9	3.1								12.4	8.6
SSE	.2	2.3	5.8	6.0	.1							14.4	10.9
S	1.0	2.6	4.7	5.8	.5	.1						14.8	9.7
SSW		1.4	.6	2.0	.5	.1						4.5	10.9
SW	.1	.5	.5	1.6	.7							3.3	12.8
WSW	.3	.6	.7	.9	.7	.3						3.6	12.2
W	.1	.7	.8	1.0		.3	.1					3.1	11.8
WNW		.4	.8	.9								2.0	9.9
NW	.1	.7	.5	.9	.1	.3						2.6	11.5
NNW	.3	.3	.0	.6	.8	.2		.1				3.0	13.5
VARBL													
CALM												2.8	
	5.5	20.8	32.2	29.6	4.0	3.3	.6	.2				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 869

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) | FORT CARSON CO/BUTTS AAF (STATION NAME) | 67-73 (YEARS) | MAY (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	.5	1.2	2.8	4.0	2.6	1.1	.1					12.3	13.3
NNE	.3	.8	1.6	1.2	.3	.3						4.4	10.2
NE	.3	1.6	1.1	.9	.1							4.0	8.1
ENE	.3	1.1	1.3	.4								3.2	7.4
E	.3	2.8	2.3	.4	.3							6.3	6.3
ESE	.5	1.6	2.4	1.3								5.9	8.4
SE	.5	2.1	4.2	3.2		.1						10.2	9.4
SSE	.9	1.7	3.8	3.4	.1	.1						10.1	9.2
S	.7	2.1	4.2	5.1	.7		.1					12.9	10.2
SSW	.3	.7	.9	1.7		.1	.1					3.9	10.8
SW		.7	.9	1.3	.5	.4						3.9	12.6
WSW	.4	.1	1.5	2.0	.5	.5						5.1	12.3
W	.8	.3	.8	1.9	.9	.3	.3					5.2	12.9
WNW	.1	.7	.4	.3	.4	.1						2.0	11.0
NW	.1	.3	.1	.7		.1						1.9	9.4
NNW	.1	.5	2.0	1.5	1.1	.1	.4	.4	.1			6.3	15.7
VARBL													
CALM												2.3	
	6.0	16.9	30.2	29.4	7.4	3.4	1.1	.4	.1			100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 745

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) MAY (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	1.9	3.0	3.7	4.3	2.0	1.0	.3					16.9	11.5
NNE	.7	1.0	1.4	1.3	.1	.4	.1					5.2	10.7
NE	.3	.3	1.2	1.0								2.7	8.8
ENE	.3	.9	.6	.1								1.9	6.5
E	.6	1.2	.6	.4								2.7	6.4
ESE	.1	.9	2.0	.9								3.9	8.3
SE	.4	.9	1.9	.6								3.7	7.4
SSE	.1	1.9	2.7	.9	.1							5.9	8.0
S	2.6	2.9	3.7	1.4	.3	.1						11.1	7.2
SSW	1.3	1.0	1.4	.7								4.5	6.8
SW	.9	2.0	1.9	.6	.1							5.5	7.1
WSW	1.0	.7	2.3	1.0	.3	.1						5.5	8.6
W	.9	3.2	2.9	1.6		.3						8.8	7.9
WNW	.3	1.6	1.4	.3	.1							3.7	7.4
NW	.6	.7	.6	1.0	.1							3.0	8.6
NNW	.3	2.4	3.5	1.9	.4	.3	.1					8.9	9.9
VARBL													
CALM												6.2	
	12.2	24.5	31.8	18.0	4.3	2.3	.6					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 694

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 70-75 (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	1.4	6.1	4.1	2.0	3.4	.7						17.7	10.0
NNE	.7	.7	1.4	.7								3.4	7.2
NE	.7	1.4	.7	.7								3.4	7.0
ENE													
E			.7									.7	8.0
ESE		.7	1.4									2.0	8.0
SE	.7											.7	3.0
SSE	.7	1.4										2.0	4.0
S	2.0	3.4		.7								6.1	4.9
SSW	.7	.7		1.4	.7							3.4	9.8
SW	2.0	5.4										7.5	4.3
WSW	2.0	2.0	1.4	.7								6.1	5.3
W	2.0	8.8	2.7	.7								14.3	5.6
WNW	2.0	1.4	2.0									5.4	4.8
NW	.7	5.4	.7									6.8	4.6
NNW	.7	3.4	4.8		.7							9.5	7.4
VARBL													
CALM												10.9	
	16.3	40.8	19.7	6.8	4.8	.7						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 147

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67,69-75 (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	5.2	11.9	3.1		.5							20.7	5.1
NNE	1.0	1.0										2.1	3.3
NE	.5											.5	2.0
ENE	.5	.5										1.0	3.0
E	.5											.5	3.0
ESE	1.0	.5										1.6	2.3
SE		1.0	.5									1.6	6.0
SSE	.5	.5	1.0									2.1	5.6
S	.5	.5	.5	.5								3.1	6.7
SSW		1.6	.5									2.1	5.8
SW	.5											.5	2.0
WSW	1.6											1.6	3.0
W	2.1	2.1										4.1	3.5
WNW	1.0	1.6										2.6	4.0
NW	2.5	6.7	1.6									10.9	4.8
NNW	4.7	18.1	7.3	1.0								31.1	5.5
VARBL													
CALM												14.0	
	22.3	47.2	14.5	1.0	.5							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 193

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (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	4.7	11.0	6.[illegible]	1.8	.4	.1						24.0	6.2
NNE	2.1	1.9	[illegible]									4.3	3.9
NE	1.3	.6	.4									2.3	3.8
ENE	.4	.4	.1									.9	4.6
E	.9	.5	.3									1.7	4.2
ESE	.3	.3										.8	3.2
SE	.9	.9	.5	.5								2.8	6.0
SSE	1.6	2.2	1.8	.5								6.1	6.1
S	1.7	3.4	2.7	.9	.3	.1						9.0	7.1
SSW	.3	.9	.9	.3								2.6	6.5
SW	.1	.5	.4	.3								1.3	7.3
WSW	.1	.9	.4	.0	.1		.1					2.3	9.8
W	.3	.1	.4	.3								1.0	7.3
WNW	.4	.4	.1		.1							1.0	5.8
NW	1.0	1.4	.1									2.6	4.1
NNW	2.5	7.1	4.8	2.5								16.8	6.7
VARBL													
CALM												20.4	
	18.7	32.6	19.4	7.6	.9	.3	.1					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 774

USAFETAC FORM Ju. 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	67-75	JUN
STATION	STATION NAME	YEARS	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	.0	1.0	2.4	1.5	.4	.1						6.0	9.5
NNE	1.0	1.1	.8	1.3								4.1	7.3
NE	1.3	.9	.4	.1								2.6	4.1
ENE	.6	1.3	.5	.1	.1							2.6	6.1
E	2.3	3.5	.9									6.6	4.7
ESE	1.9	2.6	2.6	.1								7.2	5.6
SE	1.3	3.2	3.3	1.5								9.2	7.1
SSE	3.0	3.8	6.6	3.4	.5							17.3	7.9
S	2.1	4.3	7.3	3.8	.9							18.6	8.2
SSW	.9	.8	.8	1.8	.4	.1						4.5	9.8
SW	.4	.4	.8	1.3	.4							3.1	10.8
WSW	.3		.9	.9	.6							2.6	11.6
W	.4		.3	.6	.5		.1	.1				2.0	15.3
WNW	.1	.3	.1	.1	.1							.8	9.2
NW	.5	.4	.3									1.1	4.4
NNW	.5	.4	.8	.6	.4							2.6	9.4
VARBL													
CALM												8.9	
	16.9	23.8	28.5	17.1	4.3	.3	.1	.1				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 797

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) JUN (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	.8	1.3	1.7	.9	.3						5.2	11.9
NNE	.2	1.4	1.0	.6								3.3	7.3
NE	.2	.7	.6	.2								1.7	6.8
ENE	.9	1.7	1.4		.1							4.2	6.0
E	1.2	3.4	3.1	.6								8.3	6.5
ESE	1.0	2.7	2.6	.8								7.1	6.7
SE	.6	2.4	5.2	2.0	.2							10.5	8.6
SSE	.5	3.3	6.6	4.1	.2							14.8	9.1
S	.6	2.8	7.1	6.9	1.3	.1						18.8	10.3
SSW	.6	1.0	2.0	2.0	.6	.3						6.5	10.6
SW	.2	.9	1.3	1.4	.5							4.3	9.9
WSW	.1	1.0	.8	1.4	.3							3.7	10.0
W	.2	.6	.6	.6	.6	.5	.3	.1				3.5	15.3
WNW	.1	.7	.3	.1	.1							1.4	7.7
NW		.1	.1	.6	.1	.5						1.4	15.3
NNW	.1	.1	1.2	.7	.1	.2						2.4	12.1
VARBL													
CALM												2.8	
	6.8	23.8	35.4	23.7	5.1	2.0	.3	.1				100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 858

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	67-75	JUN
STATION	STATION NAME	YEARS	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	.4	1.2	2.5	2.7	1.0	.4	.1					8.4	11.8
NNE	.2	.6	.8	1.1	.2	.4						3.2	12.0
NE	.2	.9	1.1	.2								2.5	6.9
ENE	.8	1.2	1.0	.2	.1							3.2	6.5
E	1.2	3.2	3.1	.7								8.4	6.7
ESE	.4	1.6	2.5	.2								4.7	7.0
SE	.7	2.4	3.5	1.0	.1							7.7	7.9
SSE	.5	2.2	4.4	2.9	.5							10.5	9.4
S	.6	2.0	5.2	3.7	.4	.1						12.1	9.6
SSW	.2	.6	1.0	3.0	.2	.4						5.5	12.2
SW	.2	.4	2.5	1.2	.2							4.6	9.5
WSW	.2	1.2	1.9	3.1	.1							6.6	10.4
W	.4	.9	1.9	1.1	.2	.4	.2					5.1	11.3
WNW		.7	1.4	.4	.2							2.7	9.3
NW		1.0	.4	.4		.2	.2	.1				2.9	12.4
NNW	.1	1.0	2.2	2.1	1.1							6.6	11.1
VARBL													
CALM												5.2	
	6.2	21.3	35.7	24.3	4.6	1.9	.8	.1				100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 802

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (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	1.7	3.0	3.5	1.6	1.0	.3	.1					11.3	8.9
NNE	.1	1.0	.9	1.2	.1	.1						3.5	10.1
NE	.0	.7	.6	.4	.3							2.7	7.6
ENE	.4	1.2	.7	.1								2.5	5.9
E	1.0	1.7	.0	.7	.1							4.2	6.6
ESE	.6	1.7	1.4	.7								4.5	6.9
SE	.6	1.0	2.6	.6								4.8	7.3
SSE	.6	1.3	3.3	1.0								6.2	7.7
S	1.3	2.6	2.0	1.9	.1							8.5	7.4
SSW	.9	1.0	1.0	1.6								4.5	8.2
SW	.6	.9	1.3	.9	.1							3.8	8.2
WSW	1.0	2.0	3.5	1.3	.1	.1						8.1	8.1
W	1.6	4.0	1.6	.9	.7		.1					8.9	7.4
WNW	1.4	2.6	1.0	.7	.3							6.1	6.3
NW	.7	1.3	.7	.7	.1							3.6	7.2
NNW	2.0	2.0	1.7	2.0	.6	.4	.1					8.9	9.2
VARBL													
CALM												8.1	
	15.7	28.3	27.0	16.3	3.8	1.0	.4					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 093

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	70-75	JUL
STATION	STATION NAME	YEARS	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	4.1	4.1	2.0	2.7								12.9	6.1
NNE	.7	.7	1.4	1.4								4.1	8.2
NE		.7		.7								1.4	8.0
ENE	1.4											1.4	2.5
E	1.4		.7									2.0	4.3
ESE	1.4		.7	.7								2.7	6.5
SE	.7	1.4	.7									2.7	5.3
SSE	1.4		.7									2.0	4.3
S	2.0	.7										2.7	3.0
SSW		2.7	.7									3.4	5.6
SW	.7	.7	.7									2.0	5.7
WSW	1.4	4.1	1.4									6.8	4.6
W	4.8	8.2	4.1	1.4								18.4	5.9
WNW	1.4	1.4	.7	1.4	.7							5.4	8.1
NW	1.4	1.4	.7	.7								4.1	6.0
NNW	2.0	6.1	2.7	2.0								12.9	6.6
VARBL													
CALM												15.0	
	24.5	32.0	17.0	10.9	.7							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 147

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) | FLPT CARSON CO/BUTTS AAF (STATION NAME) | 67,69-72 (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	4.8	15.3	0.2	1.9	.5							28.7	5.9
NNE	.5	1.0			.5							1.9	8.3
NE	.5											.5	3.0
ENE		.5										.5	6.0
E		.5										.5	4.0
ESE	.5		.5									1.0	4.5
SE													
SSE	.5	1.0	.5									1.9	5.3
S		1.0	1.4	1.0								3.3	8.9
SSW	1.4	.5										1.9	2.8
SW													
WSW		1.0	.5									1.4	5.7
W	2.9	1.0										3.8	3.3
WNW	.5	1.0										1.4	4.3
NW	3.8	5.3	1.4									10.5	4.3
NNW	5.3	19.1	2.4		.5							27.3	4.9
VARBL													
CALM												15.3	
	20.6	46.9	12.9	2.9	1.4							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 209

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) | FORT CARSON CO/BUTTS AAF (STATION NAME) | 67-75 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | 2600-0800 (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	6.5	12.7	6.3	4.0	1.4	.5						31.3	7.1
NNE	1.4	2.4	.4	.3	.1							4.6	4.9
NE	1.0	.8	.1									1.9	3.5
ENE	1.0		.1									1.2	2.7
E	1.2	1.0										2.2	3.3
ESE	1.2	.5	.1									1.8	3.5
SE	.8	1.2	.3									2.2	4.4
SSE	.8	1.2	1.2	.6								3.7	6.7
S	1.5	1.3	1.5	.5								4.9	6.0
SSW	.4	.6	.4									1.4	5.5
SW	.1	.3	.1	.1								.6	7.2
WSW		.5		.1								.6	5.2
W	.8		.1	.1								1.0	4.1
WNW	.4	.1										.5	2.3
NW	1.4	2.7	1.2									5.2	4.9
NNW	3.1	8.2	4.0	1.0	.1	.1						16.5	6.0
VARBL													
CALM												20.3	
	21.5	33.4	15.7	6.8	1.7	.0						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 782

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (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	1.3	1.9	3.0	2.4	1.3							10.1	9.5
NNE	.5	2.2	2.4	.6		.1	.1					5.9	7.7
NE	1.1	1.6	1.1	.2								4.0	5.8
ENE	1.6	1.9	.6	.4								4.7	5.3
E	2.4	2.9	1.3									6.7	4.6
ESE	1.8	3.0	1.3	.1								6.3	5.1
SE	2.7	5.0	3.8	.4								11.8	5.7
SSE	2.7	5.8	3.4	1.5								13.3	6.1
S	3.4	4.0	5.0	1.9	.1							14.4	6.9
SSW	.4	.8	.4	.2								1.8	6.1
SW	.2	.2	.2	.1								.8	6.7
WSW		.5	.2	.5								1.7	9.1
W	.7	.1	.2	.7								1.8	7.8
WNW	.4	.1	.1									.6	4.6
NW	.2	.2	.2		.1							.8	6.7
NNW	.2	.8	1.1	.6								2.8	8.1
VARBL													
CALM												12.8	
	19.6	31.3	24.7	9.7	1.6	.1	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 825

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (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	.3	1.9	2.1	2.1	.8	.2						7.4	10.2
NNE	.4	1.5	3.1	.7	.3							6.1	8.2
NE	.1	1.5	1.9	.6	.1							4.2	7.8
ENE	.1	1.3	1.5	.2								3.2	6.9
E	1.9	5.9	3.2	.7								11.6	6.0
ESE	.6	3.1	4.8	.4	.1							9.0	7.1
SE	.8	4.9	5.2	1.2								12.0	7.0
SSE	.8	2.7	5.6	3.6								12.7	8.7
S	1.0	2.8	3.6	2.8	.1							10.3	8.3
SSW	.1	1.7	1.0	.6	.1							3.4	7.7
SW	.6	.8	.7	.1								2.1	5.5
WSW	.7	.8	1.0	.9	.1	.1						3.5	8.6
W	.3	.7	1.7	.9	.1							3.6	8.8
WNW	.3	.1	.7	.3								1.4	8.4
NW	.1	.3	1.0	.1	.2							1.8	9.3
NNW	.6	.9	.8	.9	.2		.1					3.4	9.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	4.2	
	8.6	30.7	37.8	16.0	2.2	.3	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 905

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	57-75	JUL
STATION	STATION NAME	YEARS	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	.6	1.6	2.6	5.4	1.8	.2						12.4	11.6
NNE	.7	1.3	1.6	.5	.1							4.2	7.7
NE	.4	.8	1.3	.4								2.9	7.2
ENE	.2	1.3	1.1	.2								2.9	6.9
E	1.4	2.5	1.2	.2								5.4	5.4
ESE	.8	2.1	2.4	.6								5.9	6.9
SE	1.0	3.3	3.4	1.1								8.7	7.0
SSE	.8	3.4	3.4	3.4	.1	.1						11.2	8.6
S	.8	2.3	3.5	2.3		.1						9.1	8.4
SSW	.4	1.2	.7	1.2	.1							3.6	8.6
SW	.5	1.1	1.4	.6								3.6	7.3
WSW	.4	1.2	1.3	1.1	.1							4.1	8.6
W	1.0	1.0	1.3	.8		.2						4.3	8.3
WNW	.1	.5	.5	.5	.5							2.1	11.1
NW	.5	1.2	1.7	1.1	.4							4.8	9.1
NNW	.2	2.2	2.1	4.1	1.0							9.5	10.6
VARBL													
CALM												5.1	
	9.9	26.9	29.7	23.6	4.1	.7						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 828

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) | FLRT CARSON CO/BUTTS AAF (STATION NAME) | 67-75 (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	.8	3.3	3.7	4.7	1.1	.7	.3					14.7	10.8
NNE	.7	.8	1.4	.1	.3							3.3	7.5
NE	1.0	1.0	.4	.1								2.5	4.7
ENE	.4	.8	.4	.4								2.1	6.5
E	1.0	1.5	1.0	.3								3.7	5.7
ESE	.7	1.0	1.1	.7								3.5	7.1
SE	1.2	1.5	.4	.7	.3							4.1	6.7
SSE	1.2	2.8	2.4	.3								6.6	6.0
S	1.5	2.6	1.9	.8	.1							7.1	6.4
SSW	1.7	.8	.8	.6	.1							4.0	5.8
SW	.7	1.1	.7	.7								3.2	6.8
WSW	1.8	1.4	2.2	.6								5.9	6.4
W	1.7	3.3	2.6	.6	.3							8.4	6.4
WNW	.7	1.2	.7	.4	.3							3.3	7.0
NW	.4	2.1	1.4	.8	.6							5.3	8.6
NNW	1.1	3.2	3.6	3.6	.0	.1						12.2	9.0
VARBL													
CALM												10.1	
	16.6	28.5	24.8	15.4	3.6	.8	.3					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 723

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	68-75	JUL
STATION	STATION NAME	YEARS	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	3.5	4.7	5.8	2.3	1.2							17.4	7.6
NNE		2.3	2.3	.6								5.2	7.1
NE	1.2	1.2	.6									2.9	4.6
ENE			.6									.6	8.0
E		1.2	1.7									2.9	7.6
ESE		.6	.6									1.2	6.0
SE													
SSE	1.7											1.7	2.3
S	1.7	4.1	1.2									7.0	4.8
SSW	1.2											1.2	1.5
SW	2.3	1.7	.6									4.7	3.9
WSW	3.5	3.5	1.7	.6								9.3	4.9
W	2.3	4.1	1.7	.6	.6							9.3	6.1
WNW	.6	2.9										3.5	3.8
NW	.6	1.7	.6									2.9	4.8
NNW	4.1	6.4	3.5	2.3								16.3	6.1
VARBL													
CALM												14.0	
	22.7	34.3	20.9	6.4	1.7							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 172

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	69	AUG
STATION	STATION NAME	YEARS	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		16.7										16.7	4.0
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW		16.7										16.7	4.0
SW													
WSW	16.7											16.7	2.0
W													
WNW													
NW													
NNW													
VARBL													
CALM												50.0	
	16.7	33.3										100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 6

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) | FORT CARSON CO/BUTTS AAF (STATION NAME) | 67,69-75 (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	6.2	14.1	3.5	1.3	1.3	.4						26.9	6.0
NNE	1.8	.9	.4									3.1	3.9
NE	.9											.9	2.5
ENE	1.3	.4										1.8	2.8
E	.4	.4										.9	3.5
ESE													
SE	.4	.4										.9	4.5
SSE	.4	1.8	.4									2.6	5.0
S	.9		.9									1.8	5.8
SSW													
SW	.9											.9	1.5
WSW	.9	.4	.4									1.8	5.0
W		1.3										1.3	4.0
WNW	.9	1.8										2.6	3.2
NW	3.5	7.9	2.2									13.7	4.8
NNW	6.2	15.0	4.0	1.8								26.9	5.3
VARBL													
CALM												14.1	
	24.7	44.5	11.9	3.1	1.3	.4						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 227

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (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	5.8	15.3	5.8	4.2	.9	.2						32.3	6.7
NNE	3.1	2.0	.7	.4	.1							6.3	4.7
NE	1.5	.7	.1									2.3	2.9
ENE	.9	.7										1.6	3.1
E	.5	.1										.6	2.2
ESE	.2	.6										.9	4.1
SE	1.0	.6	.4									2.0	3.8
SSE	.7	1.4	.4	.4								2.8	5.2
S	1.1	1.0	.5	.2								2.8	5.1
SSW	.9	.5	.2									1.6	3.7
SW	.1	.5	.1	.4								1.1	7.1
WSW	.5											.5	1.8
W	.2		.5	.1		.1						1.0	9.5
WNW	1.4	.1		.1								1.6	2.9
NW	1.2	3.0	.6	.1								4.9	4.6
NNW	4.6	8.9	4.2	1.1								18.8	5.4
VARBL													
CALM												18.8	
	23.7	35.5	13.6	7.0	1.0	.4						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 809

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	67-75	AUG
STATION	STATION NAME	YEARS	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	1.8	2.8	3.9	4.1	1.6							14.1	9.6
NNE	1.7	1.3	2.3	1.2	.1							6.6	7.3
NE	1.1	2.0	.7	.1								4.0	5.0
ENE	1.7	1.2	.7									3.6	4.2
E	2.2	2.5	.6									5.3	4.2
ESE	1.8	2.5	.8									5.2	4.6
SE	4.3	3.9	2.4	.2								10.8	4.9
SSE	3.7	4.7	2.9	.5								11.8	5.3
S	2.7	4.5	3.0	1.2								11.3	6.0
SSW	.7	.4	.4	1.1								2.5	8.0
SW	.2	.2	.5	1.0								1.9	9.8
WSW	.4	.1	1.2	.4	.1							2.2	8.8
W	.5	.1	.5	.1								1.2	6.5
WNW	.2	.2										.5	3.5
NW	.5	.2	.1	.1								1.6	4.8
NNW	.4	.1	1.9	.5								2.9	9.0
VAR L													
CALM												14.5	
	23.9	27.5	21.9	10.5	1.8							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 830

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	67-75	AUG
STATION	STATION NAME	YEARS	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 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.8	2.1	3.7	.7							9.2	9.9
NNE	.6	.8	1.4	1.4	.1							4.2	9.0
NE	1.1	2.1	2.1	.3								5.6	6.2
ENE	.8	1.5	1.9	.3								4.6	6.5
E	2.4	3.4	3.5	.1								9.5	5.8
ESE	.9	3.0	3.2	.5								7.5	6.5
SE	.7	5.0	4.1	1.3								11.1	7.0
SSE	1.6	4.8	6.1	2.1	.1							14.6	7.5
S	1.1	3.8	3.9	3.0								11.8	7.8
SSW	.5	.6	1.3	1.1	.1							3.5	9.0
SW	.3	.3	.7	.8	.1							2.3	9.6
WSW	.3	.5	.3	.3								1.5	7.0
W	.3	.3	1.0	.8	.1							2.6	8.8
WNW	.2	.8	.6	.5	.1							2.2	7.8
NW		.1	.3	.5	.1	.1						1.1	11.9
NNW	.7	.8	1.1	.6	.6							3.8	8.8
VARBL													
CALM												4.9	
	12.7	29.6	33.6	17.1	2.1	.1						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 876

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) | FT CARSON CO/BUTTS AAF (STATION NAME) | 67-75 (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	.7	1.0	3.0	4.7	1.2							10.6	11.1
NNE	.4	1.2	1.1	1.2	.1	.2						4.2	9.3
NE	.1	1.0	.7	.5								2.3	7.2
ENE	.4	1.2	1.7	.8								4.1	7.5
E	1.1	2.9	2.2	.2								6.4	6.0
ESE	1.0	2.5	3.6	.6	.1							7.9	7.1
SE	.7	3.4	6.5	1.3								12.0	7.6
SSE	.6	3.4	5.0	1.6								11.1	7.9
S	1.3	2.9	4.1	1.2	.1							9.7	7.3
SSW	.4	1.4	1.2	.7								3.7	7.5
SW	.5	.7	1.4	1.0	.4							4.0	8.8
WSW	.5	.8	1.7	.6	.1							3.7	8.3
W	.6	1.2	3.1	1.6	.1							6.6	8.4
WNW	.6	.7	.5	.5	.1							2.4	7.3
NW	.7	.7	.4	.7	.1		.1					2.8	8.9
NNW	.4	.7	1.6	1.2	.5							4.3	9.9
VARBL													
CALM												4.1	
	9.9	25.8	38.4	18.5	2.9	.2	.1					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 648

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (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	1.8	2.6	3.9	3.0	1.0	.1						12.4	9.2
NNE	1.0	1.9	.3	.4								3.5	5.5
NE	.7	.5	.5		.1							1.9	3.6
ENE	.3	.4	.5	.1								1.4	6.1
E	1.8	1.0	.4	.4								3.5	5.0
ESE	1.8	1.9	.5	.5								4.8	5.0
SE	2.0	4.2	2.6	1.0								9.8	5.9
SSE	1.6	3.1	2.4	.8								8.0	5.2
S	1.8	2.7	1.8	.4								6.7	5.4
SSW	.5	1.6	.7	.1								3.0	5.7
SW	1.4	1.4	1.0	.1	.1							3.9	5.6
WSW	2.0	2.0	1.4		.3							5.7	5.4
W	1.9	3.9	2.0	1.6								9.5	6.5
WNW	1.5	1.4	.7	.3	.1							3.9	5.8
NW	1.4	1.4	.4	.3								3.4	4.9
NNW	1.9	3.9	2.2	1.0	.3							9.3	6.5
VARBL													
CALM												9.3	
	23.3	34.0	21.4	10.1	1.9	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 735

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 69-75 (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	2.2	6.1	5.0	1.7	.6	.6						16.1	7.4
NNE	.6	1.1	1.1	.6								3.3	5.8
NE	.6	.5	.6									1.7	4.3
ENE	.6											.6	2.0
E		1.7	1.1									2.8	6.2
ESE		1.1	.6									1.7	6.7
SE	1.1	.6	.6									2.2	4.8
SSE	2.2	.6										2.8	2.4
S	2.8	2.8	1.1									6.7	4.2
SSW	1.7	.6										2.2	2.8
SW		1.1	1.1									2.2	6.5
WSW	2.2	3.9	.6									6.7	4.3
W	1.1	4.4	.6									6.1	4.5
WNW	1.7	3.3	.6									5.6	4.4
NW	1.1	3.3										4.4	4.9
NNW	2.8	8.3	2.8									13.9	4.8
VARBL													
CALM												21.1	
	20.6	39.4	15.6	2.2	.6	.6						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 180

USAFETAC FORM NO. 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	67,69	SEP
STATION	STATION NAME	YEARS	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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW		6.3										6.3	5.0
NNW		12.5										12.5	4.5
VARBL													
CALM												81.3	
		18.8										100.0	.9

TOTAL NUMBER OF OBSERVATIONS 16

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) | FORT CARSON CO/BUTTS AAF (STATION NAME) | 67,68-74 (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	5.6	14.0	2.8	4.7	.9		.5					28.4	7.1
NNE		.5	.5	.9	.5							2.3	12.[illegible]
NE	.9	.9										1.9	3.5
ENE													
E	.5											.5	3.0
ESE	.5	.5										.9	3.0
SE	1.4	.9	.5									2.8	4.2
SSE		4.7	1.9	.5								7.0	5.9
S	1.4		1.9									3.3	5.9
SSW	.9	.5	.5									1.9	4.0
SW	.9											.9	2.0
WSW		.9	.									1.4	6.7
W	1.4	2.3										3.7	3.6
WNW	.9	1.4										2.3	4.2
NW	1.9	5.1	1.4									8.4	4.9
NNW	5.6	9.8	2.3	1.4								19.1	5.0
VARBL													
CALM												15.3	
	21.9	41.4	12.1	7.4	1.4		.5					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 215

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	66-74	SEP
STATION	STATION NAME	YEARS	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	7.1	11.6	4.3	4.9	1.1	.5	.1					29.6	7.2
NNE	2.3	.7	.1	.5		.3	.1					4.0	6.7
NE	.5	.8	.1	.1								1.6	5.0
ENE	.4	.4	.1	.1								1.1	5.1
E	.5	.1										.7	2.6
ESE	.8	.4	.1									1.3	3.6
SE	.7	1.3	.8									2.8	5.3
SSE	2.1	3.1	1.6									6.8	5.1
S	1.6	2.0	2.7	.1								6.4	5.9
SSW	.5	.4	.7	.4								2.0	7.0
SW	.4	.1	.7	.1								1.3	7.0
WSW	.5	.4	.7	.3								1.9	6.6
W	.7	.4	.7									1.7	5.2
WNW	.4	.9										1.3	3.9
NW	2.1	4.0	.5	.1								6.8	4.6
NNW	3.3	7.9	4.1	1.2	.3							16.8	6.1
VARBL													
CALM												13.8	
	24.0	34.6	17.2	8.0	1.3	.8	.3					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 749

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (YEARS) SEP (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	1.0	2.2	3.6	1.4	1.3	.4	.4					10.2	10.5
NNE	1.4	2.0	.9	.4	.3	.1						5.1	6.7
NE	.8	1.2	.8	.3								2.9	6.0
ENE	1.2	1.7	.4	.1	.1							3.5	5.1
E	1.3	2.0	.4									3.7	4.3
ESE	1.3	2.4	1.3									5.0	5.3
SE	2.3	3.2	2.6	.3								8.3	5.5
SSE	2.6	5.9	6.0	2.4								16.9	7.1
S	2.6	4.7	5.0	1.7	.1							14.1	6.8
SSW	1.0	.5	1.8	1.2								4.5	7.9
SW	.5	.6	.9	.9	.1							3.1	8.7
WSW	.1	.3	.9	1.7	.5							3.5	12.1
W	.1	.4	.6	.4								1.5	8.8
WNW	.3	.1	.4	.1								.9	6.6
NW	.3	.4	.1									.8	4.5
NNW	.6	1.4	1.0	1.3	.5	.3						5.1	9.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	10.9	
	17.3	29.1	26.6	12.0	2.9	.8	.4					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 781

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) | FORT CARSON CO/BUTTS AAF (STATION NAME) | 66-74 (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	.7	1.3	1.8	1.4	.4	.5					6.3	14.5
NNE	.3	.8	.8	1.2	.1							3.1	9.0
NE	.1	.7	.7									1.4	6.3
ENE	.9	2.0	.3									3.1	4.2
E	2.0	2.7	2.5	.3								7.4	5.6
ESE	.5	3.3	3.0	.4								7.2	6.5
SE	1.2	3.0	5.6	2.3								12.1	7.8
SSE	1.6	4.0	10.8	3.8	.1							20.4	8.2
S	1.2	2.7	7.3	4.3	.3							15.8	8.8
SSW	.1	1.0	1.3	1.7	.5							4.7	10.6
SW	.1	.1	.5	2.9	.1							3.8	12.5
WSW	.1	.4	1.0	2.1	.9							4.6	12.6
W	.4	.7	.3	1.3	.3							2.9	10.1
WNW	.3	.1	.1	.3								.8	6.3
NW		.1	.3									.4	7.7
NNW	.5	.5	.8	2.0	.3		.1					4.2	10.8
VARBL													
CALM												1.8	
	9.4	22.8	36.6	24.3	4.0	.4	.7					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 766

USAFETAC FORM JUL 64 0-8-5 (OL-A); PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (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	1.0	2.8	2.5	.9	.4	.1					7.8	12.1
NNE	.1	.3	.6	.7	.3							2.0	10.7
NE	.4	.7	.9	.4	.1							2.6	7.6
ENE	.9	.6	.4	.3								2.2	5.5
E	1.9	3.3	1.3	.1								6.7	5.1
ESE	1.0	2.9	5.4	.7								10.0	7.1
SE	.7	3.3	6.7	1.7								12.5	7.9
SSE	1.0	2.8	7.6	3.6	.3							15.3	8.6
S	1.2	4.1	6.5	3.2	.6							15.6	8.3
SSW	.1	1.2	1.6	1.3	.1	.1						4.5	9.8
SW	.1	.6	1.2	1.3	.1							3.3	10.3
WSW		.3	.6	2.5	.4							3.8	13.0
W	.3	.3	1.5	.7		.3						3.1	10.6
WNW	.3	.3	.7	.7	.1							2.2	9.7
NW	.4	.7	.6	.4	.1							2.3	7.4
NNW		.9	1.0	.7	.4	.1						3.2	10.6
VARBL													
CALM												2.9	
	8.7	23.3	39.2	21.1	3.6	1.0	.1					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 688

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (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	1.4	3.7	2.4	3.7	1.4	.3						12.9	9.8
NNE	.5	.6	.8	.8	.2							2.9	8.9
NE	.3	.8	1.0	.2								2.2	7.0
ENE	.5	.8	.5	.2								1.9	5.6
E	1.0	.8	.2	.2								2.1	4.5
ESE	1.1	1.9										3.0	3.7
SE	1.4	2.2	1.6									5.2	5.2
SSE	2.5	4.3	2.4	.2								9.4	5.1
S	3.8	4.3	1.9	.5								10.5	4.8
SSW	2.2	1.9	.3	.8								5.2	5.3
SW	1.4	1.6	.8	.6								4.5	5.7
WSW	2.1	2.9	.8	.3								6.0	5.0
W	2.7	5.6	1.6	.6	.2							10.7	5.3
WNW	.8	1.9	.5									3.2	4.8
NW	1.3	1.6	.3									3.2	4.4
NNW	.6	4.0	1.9	.5	.2							7.2	6.4
VARBL													
CALM												10.0	
	23.7	38.8	16.9	8.4	1.9	.3						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 629

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67,69-74 (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	1.3	4.4	1.3	3.8	1.3							11.9	9.1
NNE		1.9	1.3									3.1	6.0
NE	.6	3.1	.6									4.4	5.1
ENE	.6	.6										1.3	3.5
E	.6											.6	2.0
ESE	.6											.6	3.0
SE	1.3											1.3	2.0
SSE	1.9	3.8	1.3									6.9	4.5
S	5.0	5.0										10.1	3.5
SSW	2.5	.6										3.1	2.8
SW	1.3	.6	.6									2.5	5.0
WSW	1.3	6.9	.6	.6								9.4	5.3
W	2.5	2.5										5.0	4.0
WNW	1.9	1.9	.6									4.4	4.1
NW	1.9	1.9	1.3									5.0	4.4
NNW	1.3	8.8	2.5									12.6	5.5
VARBL													
CALM												17.6	
	24.5	42.1	10.-	4.4	1.3							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 159

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67,69-74 (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	3.0	16.1	4.8	3.6	2.4							29.8	7.4
NNE	.6			.6								1.2	6.5
NE													
ENE													
E		.6										.6	6.0
ESE	.6											.6	2.0
SE		1.8	.6									2.4	5.8
SSE	1.2	3.0	1.2	.6								6.0	5.9
S		1.2	.6									1.8	5.3
SSW	.6	.6	1.2									2.4	5.8
SW	.6	.6	.5	.6								2.4	6.3
WSW		1.2										1.2	4.5
W	1.2	1.8	1.2	1.8								6.0	7.4
WNW	2.4	2.4										4.8	3.5
NW	2.4	4.8	2.4									9.5	5.3
NNW	1.8	8.9	3.6	1.2								15.5	6.0
VARBL													
CALM												16.1	
	14.3	42.9	10.1	8.3	2.4							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 168

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (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	7.2	13.4	5.5	3.1	2.7	.5	.1					32.5	7.3
NNE	1.4	1.2	.3	.5								3.3	5.3
NE	.6	.4										1.0	3.0
ENE	.6											.6	2.4
E	.3	.9	.1									1.3	5.3
ESE	.6	.4										1.0	2.8
SE	.4	1.3	.8									2.4	5.5
SSE	.9	1.7	1.0									3.6	5.4
S	1.3	1.7	1.0	.5	.1							4.6	6.3
SSW	.1	.5	.9	.4								1.9	8.1
SW	.4	.4	.3	.5								1.5	8.4
WSW	.8	.5	.8	.5								2.6	6.6
W	.9	1.2	.6	.6								3.3	6.4
WNW	.6	.9	.3	.1								1.9	4.9
NW	1.7	4.0	2.0									7.7	5.1
NNW	4.0	9.7	4.9	1.0		.3						19.8	5.8
VARBL													
CALM												10.9	
	21.7	38.0	18.4	7.3	2.8	.8	.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 782

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (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	2.8	2.9	4.4	3.6	2.5	1.8						18.2	11.1
NNE	1.7	2.2	.6	.7	.5	.1						5.8	7.1
NE	1.3	1.1	.4		.1							2.9	4.6
ENE	1.0	.8	.8	.1								2.8	5.6
E	2.2	2.9	.6									5.6	4.0
ESE	.8	1.7	1.3	.2								4.1	5.8
SE	1.9	3.1	2.2	.5								7.7	5.8
SSE	1.6	4.7	3.7	1.3								11.3	6.6
S	2.8	4.9	3.4	1.9	.6							13.6	7.0
SSW	.6	.4	.4	1.0	.2							2.5	9.4
SW	.1	.5	.4	1.3	.5	.1						2.9	12.1
WSW	.1	.4	.6	.8	.4	.1						2.4	12.0
W	.1	.2	.6	.4	.2	.1						1.7	11.4
WNW	.1			.2								.4	10.0
NW	.3	.4	.1	.1								1.1	4.7
NNW	.3	1.7	1.6	.8	.2							4.6	7.9
VARBL													
CALM												12.4	
	18.0	27.7	21.0	13.3	5.3	2.3						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 833

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	66-74	OCT
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	.5	1.0	1.6	3.3	2.3	1.3						10.1	13.7
NNE	.3	1.0	1.1	1.6	.6	.4						5.0	11.5
NE	.1	.3	1.0	.4								1.8	8.5
ENE	.6	.9	.6	.1								2.3	5.8
E	1.4	1.5	1.8	.1								4.8	5.5
ESE	.9	2.1	2.8	.5								6.3	6.7
SE	.8	3.6	6.8	1.3								12.4	7.5
SSE	1.1	3.9	6.3	3.5	.5		.1					15.4	8.8
S	1.5	4.5	6.3	4.5	.6							17.4	8.7
SSW	.5	1.4	1.3	2.1	.6	.1						6.0	10.3
SW	.1	.5	.6	1.9	1.3	.1						4.5	13.8
WSW	.1	.5	.4	1.5	.9	.1						3.5	13.4
W		.1	.3	1.3	.4	.4						2.4	15.4
WNW	.1	.3	.5	.3								1.1	7.6
NW			.1									.1	10.0
NNW	.5	.4	1.0	1.0	.4							3.3	9.9
VARBL													
CALM												3.8	
	8.8	21.9	32.3	23.3	7.5	2.4	.1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 799

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (YEARS) OCT (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	.3	1.8	1.5	4.2	2.2	.7	.1					10.8	13.1
NNE		.5	1.1	1.2	.1	.5						3.6	11.8
NE	.1	.8	.8	.1								1.9	7.0
ENE	1.1	.7	.7	.3								2.7	5.5
E	.4	1.5	.7	.4								3.0	6.2
ESE	.5	2.2	1.5	.3								4.5	6.5
SE	1.4	4.7	5.6	1.0	.1							12.7	7.0
SSE	1.1	6.6	6.3	3.0	.1							17.1	7.4
S	1.1	6.3	7.7	3.7	.1	.1						19.0	8.1
SSW	.3	.7	1.4	1.5	.3	.1						4.2	10.3
SW	.1	.1	.8	2.6	.4							4.1	12.2
WSW	.1	.3	1.1	1.8	.5							3.8	12.0
W	.3	.5	.8	.7	.3	.1						2.7	11.0
WNW		.1	.4	.1		.1						.8	11.2
NW		.3	.1			.1						.5	10.0
NNW	.1	.7	1.1	1.9	.5	.1						4.5	12.0
VARBL													
CALM												3.7	
	7.0	27.8	31.6	22.9	4.8	2.1	.1					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 730

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-74 (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	1.6	2.2	3.0	5.0	1.0	.6	.3	.5				14.2	11.6
NNE	.8	.6	.8	.3								2.6	5.9
NE	.2	.6	.2	.2								1.1	5.4
ENE	.3	.2	.2									.6	4.0
E	.5	.5		.2								1.1	4.4
ESE	1.0	.5										1.4	3.3
SE	.3	1.8	.3									2.4	4.8
SSE	1.6	3.0	.5									5.1	4.1
S	2.9	6.2	2.6	.2								11.8	5.1
SSW	1.4	2.9	.2	.3								4.8	4.4
SW	2.7	4.2	1.3	.2								8.3	4.7
WSW	2.6	3.0	1.6	.6								9.8	5.3
W	2.2	7.7	1.0	.3	.2							11.4	5.1
WNW	.6	1.1	.8									2.6	5.1
NW	1.3	2.6	.5	.3								4.6	5.2
NNW	1.9	2.4	1.1	.6	1.1	.5						7.7	8.6
VARBL													
CALM												10.4	
	21.9	41.4	13.9	8.2	2.2	1.1	.3	.5				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 625

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-74 (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	2.8	3.9	4.5	3.4	.6		1.1					16.3	9.3
NNE	.6		.0									1.1	5.0
NE	1.1											1.1	2.5
ENE	.6											.6	2.0
E	1.1											1.1	2.5
ESE	.6											.6	2.0
SE		2.2	.6									2.8	5.0
SSE	1.1	2.8	.6									4.5	4.8
S	3.9	2.2	1.7									7.3	4.0
SSW	2.8	1.1	1.1									5.1	4.0
SW	2.2	.6	1.7	1.7								6.2	7.5
WSW	.6	3.9	.6	.6								5.6	5.7
W	3.4	1.1	2.2									6.7	4.6
WNW	1.1	3.4	.6									5.1	4.7
NW	2.2	5.2	.6									9.0	4.2
NNW	3.9	0.2	.6	1.7	1.1	1.1						14.6	7.7
VARBL													
CALM												12.4	
	27.5	33.7	15.2	7.8	1.7	1.1	1.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 178

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING & 'NCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 71-72,74 (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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W			5.0									5.0	7.0
WNW		5.0										5.0	5.0
NW		35.0	20.0									55.0	6.2
NNW	5.0	15.0		5.0								25.0	6.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	10.0	
	5.0	55.0	25.0	5.0								100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 20

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	66-74	NOV
STATION	STATION NAME	YEARS	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	6.4	13.3	5.8	2.2	.7	1.0						29.7	6.7
NNE	1.6	1.5	.9	.1	.1	.1						4.5	6.0
NE	.4	.6		.4								1.5	6.5
ENE	.4			.1								.6	5.5
E	.6	.3	.4									1.3	4.3
ESE	.1	.1										.3	4.0
SE	.4	.1	.6									1.2	5.0
SSE	.4	.9	.9	.1								2.4	6.3
S	.9	1.6	1.3	.4	.3							4.6	7.0
SSW	.4	1.3		.1								1.9	4.8
SW	.6	.3	.3	.6	.3							2.1	9.1
WSW	.4	.9	.3	.7		.1						2.5	8.5
W	1.9	1.9	.3	.1	.1	.1						4.6	5.5
WNW	1.5	2.2		.1								3.9	4.1
NW	3.0	4.8	.9	.3								9.0	4.6
NNW	3.9	8.2	3.9	.4								16.5	5.4
VARBL													
CALM												13.2	
	23.4	38.4	15.7	6.1	1.6	1.5						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 667

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FURT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (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	4.3	6.5	3.5	3.1	2.0	1.2	.4					21.0	9.1
NNE	2.7	1.7	1.4	1.0	.6	.3						7.7	7.5
NE	1.0	1.0	.6	.1								2.8	5.1
ENE	1.8	1.0	.4		.1							3.3	4.3
E	2.3	2.0	.8									5.1	4.3
ESE	.6	1.9		.1								2.7	4.4
SE	1.8	2.4	.8	.1								5.1	4.8
SSE	1.4	2.8	2.3	1.0	.1							7.7	7.0
S	2.9	3.8	3.5	.6	.1							11.0	5.7
SSW	.6	.6	.8	.1	.1							2.3	6.5
SW	.4	.1	.4	.3	.3							1.4	9.2
WSW	.5	.4	.6	.8	.4	.3						2.9	10.9
W	.3	.1	.5	.9	.3	.3						2.3	12.7
WNW	.5	.1										.6	3.2
NW	.4	.9		.3								1.5	5.3
NNW	2.3	2.0	1.0	.4	.1							5.9	5.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	16.6	
	23.9	27.6	16.5	8.8	4.2	1.9	.4					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 782

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 60-74 (YEARS) NOV (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	.7	1.0	.7	3.8	2.0	1.3						9.4	13.8
NNE	.7	.9	1.3	1.3	.3	.4						4.8	10.0
NE	.9	1.2	.7	.1								2.9	5.0
ENE	.9	1.6	.5									3.0	4.7
E	1.6	2.8	1.7									6.0	5.2
ESE	1.6	3.0	1.4	.4								6.4	5.5
SE	2.9	4.1	4.1	.3	.1							11.4	5.9
SSE	1.6	4.2	6.9	2.1								14.8	7.4
S	2.4	5.4	4.6	2.5								14.8	6.9
SSW	.7	.4	.8	.8	.1							2.8	8.3
SW	.4	.4	1.3	.5	.8							3.4	10.3
WSW	.3	.1	.9	1.4	.9	.1						3.8	12.7
W		.4	.5	1.4	.4	.4						3.1	13.9
WNW		.4	.4	.5	.1							1.4	10.5
NW	.1	.1	.1	.3								.7	9.2
NNW	.3	.4	.5	.8	.3	.3						2.5	11.6
VARBL													
CALM												8.7	
	14.8	26.3	26.5	16.3	5.0	2.5						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 763

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	66-74	NOV
STATION	STATION NAME	YEARS	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	1.2	1.0	1.9	4.0	1.5	.4	.3					10.3	11.8
NNE	.4	.3	1.8	.7	.3		.1					3.7	10.0
NE	.9	.3	.7	.4								2.4	6.8
ENE	.7	1.0	.3									2.1	4.3
E	.9	2.8	.4	.1								4.3	5.1
ESE	1.5	1.9	1.6	.3								5.3	5.6
SE	2.6	3.5	.6	.7								7.5	5.2
SSE	2.4	4.6	4.9	.9								12.6	6.3
S	3.2	6.3	6.6	1.6								17.8	6.4
SSW	1.5	.6	1.5	1.0								4.6	6.9
SW	.6	1.2	1.0	1.2	.3							4.3	8.9
WSW	.4	1.0	1.3	1.2								4.0	8.4
W	.7	.9	.9	1.9	.7	.1						5.3	11.2
WNW	.6	.6	.6	1.0								2.8	8.4
NW	.9	.7	.4									2.1	4.1
NNW	.6	.3	.6	1.3								2.8	9.7
VARBL													
CALM												8.4	
	19.1	27.1	25.1	16.5	2.8	.6	.4					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 660

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-74 (YEARS) NOV (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	2.2	6.8	3.7	3.1	1.1	.4	.2	.2				17.6	8.7
NNE	1.3	.4	.9	.4								2.9	6.9
NE	.2		.2	.2	.2							.7	10.8
ENE	.2	.6	.4									1.1	5.7
E	.4	.6	.6	.2								1.7	6.1
ESE	.6	.6	.6									1.7	5.4
SE	1.1	.2										1.3	2.6
SSE	1.5	.9	.6									2.9	4.4
S	1.7	4.8	.7	.4								7.5	5.0
SSW	1.7	2.2	1.8									5.7	5.4
SW	3.7	1.7	1.5	.4								7.2	4.6
WSW	2.6	2.9	1.1	.4								7.0	4.8
W	1.7	5.9	2.6	.6		.6						11.4	6.5
WNW	2.0	2.4	.6				.2					5.1	5.0
NW	1.1	2.6	.7	.4								4.8	5.8
NNW	2.0	5.0	1.3	.7								9.0	5.2
VARBL													
CALM												12.3	
	23.7	37.3	17.3	6.6	1.3	.9	.4	.2				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 544

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-74 (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	2.8	8.1	4.7	1.2	1.9	.3	.3	.3				19.6	8.5
NNE	1.2	.9	.3									2.5	4.4
NE	.6	.6										1.2	3.3
ENE													
E		.3	.3									.6	5.5
ESE	1.2											1.2	2.3
SE	1.2											1.2	2.8
SSE	1.6	2.5	.6	1.6								6.2	6.6
S	.9	2.8	2.5	.3								6.5	6.0
SSW	.9	.6	.6									2.2	5.3
SW	1.6	.9	1.9									4.3	5.7
WSW	.3	3.1	.9	.6			.3					5.3	7.0
W	1.2	2.8	1.2									5.3	4.8
WNW	1.9	2.5	.3		.6	.3		.3				5.9	8.1
NW	.6	5.9	1.9	.3								8.7	5.8
NNW	2.8	11.2	2.5	.9								17.4	5.2
VARBL													
CALM												11.8	
	18.9	42.2	17.7	5.0	2.5	.6	.6	.6				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 322

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	66-74	DEC
STATION	STATION NAME	YEARS	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	3.5	11.3	5.3	2.4	1.4	.1						24.0	7.1
NNE	.8	2.0	.7	.4	.3							4.2	6.8
NE	.1	.6										.7	4.0
ENE	.4	.3										.7	3.8
E	.8	.6										1.1	4.1
ESE	.3	.1										.4	3.0
SE	.3	.7	.4									1.4	5.3
SSE	1.0	1.3	.4		.1							2.8	5.3
S	.7	2.0	.7	.3								3.6	6.0
SSW	1.0	.8	.3	.3								2.4	4.9
SW	1.4	.6	.3	.6		.1						2.9	6.3
WSW	1.1	1.5	1.0	.3	.6			.1				4.6	8.0
W	1.4	2.8	.7	.3	.3	.3	.1					5.9	7.2
WNW	1.7	1.3	.1									3.1	3.6
NW	1.3	6.0	1.5	.1	.1		.1					9.6	5.6
NNW	2.2	10.9	3.2	1.1	.7	.1		.3	.1			18.7	7.1
VARBL													
CALM												13.8	
	18.2	42.6	14.7	5.7	3.5	.7	.3	.4	.1			100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 716

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (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	4.9	8.1	3.2	4.0	1.9	.4						22.4	7.9
NNE	1.4	1.6	2.4	.8	.5							6.7	7.5
NE	.9	.8	.1	.4	.1							2.3	6.1
ENE	.6	.9	.1									1.6	4.6
E	1.0	1.1	.8	.1								3.0	4.9
ESE	.9	.6	.5									2.0	4.4
SE	.9	1.4	.5									2.8	4.5
SSE	1.0	2.0	1.5	.3								4.7	5.5
S	2.1	4.0	2.0	1.3								10.2	6.3
SSW	.4	.5	.3	.6								2.3	7.8
SW	.4	1.0	.6	1.1								3.2	8.5
WSW	.3	1.3	.6	.8	.1	.4						3.4	9.8
W	.6	.4	.3	.8	.3		.3	.1				2.6	12.6
WNW	.3	.6	.3		.1							1.3	6.2
NW	1.3	.9	.3	.5		.1						3.0	6.2
NNW	1.9	4.3	2.6	1.4	.8	.6		.3	.1			12.0	9.5
VARBL													
CALM												16.5	
	18.8	29.5	17.3	11.9	3.8	1.5	.3	.4	.1			100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 793

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SURFACE WINDS

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

94015 (STATION) | FORT CARSON CO/BUTTS AAF (STATION NAME) | 66-74 (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	.8	1.6	1.1	4.3	1.7	.9		.1				10.6	13.1
NNE	.8	1.5	.9	1.0	.4	.1						5.4	9.4
NE	.9	1.2	.8	.3								3.2	5.4
ENE	.8	.7	.3	.1								1.9	4.9
E	1.6	2.1	.8	.1								4.7	4.6
ESE	1.3	1.9	.7	.1								4.0	4.8
SE	1.7	2.9	1.5	.9	.1							7.2	6.2
SSE	2.9	5.5	4.3	1.6								14.3	6.3
S	2.7	5.2	4.7	2.0	.1							14.7	6.8
SSW	1.1	1.1	.5	1.6	.1	.1						4.6	8.6
SW	.1	.7	.5	1.9	.8	.1						4.2	12.1
WSW		.4	.5	1.3	.3	.3	.1					2.9	13.5
W	.4	.1	.9	.4	.3	.3						2.4	11.4
WNW		.3		.4	.1	.1						.9	14.0
NW	.3	.3	.1		.4							1.1	9.9
NNW	.7	.9	.9	1.1	.4	.8	.1	.1	.1			5.2	13.7
VARBL													
CALM												12.6	
	16.2	26.4	18.6	17.8	4.8	2.8	.3	.3	.1			100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 746

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015	FORT CARSON CO/BUTTS AAF	66-74	DEC
STATION	STATION NAME	YEARS	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	1.2	2.3	2.0	1.8	1.4	1.1						9.6	11.1
NNE	.6	.8	.8	1.1	.2	.2						3.5	9.2
NE	.2	.8	.2	.3	.2							1.5	8.1
ENE	.6	1.2	.3	.2								2.3	[illegible].2
E	1.4	1.4	.5	.2								3.3	.4
ESE	1.5	1.7	1.2	.3								4.7	5.2
SE	1.7	2.7	.9	.3	.2							5.7	5.2
SSE	2.3	3.8	3.2	.6								9.8	5.7
S	2.7	5.6	3.6	3.0								14.9	6.8
SSW	.5	1.8	.3	1.1	.2							3.8	7.9
SW	.3	.5	.6	1.4	.2	.2						3.0	10.8
WSW	.2	.6	1.5	2.1	.8							5.1	11.6
W	.9	1.4	.9	1.1	.5		.3					5.0	9.7
WNW	.8	.9	.2	.8								2.6	6.2
NW	.5	.9	.5	.6		.2						2.6	7.6
NNW	1.8	1.5	.9	1.4	.8	.6						6.9	10.0
VARBL													
CALM												15.9	
	16.8	27.5	17.3	15.9	4.1	2.1	.3					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 665

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-74 (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	2.9	4.7	1.8	1.1	1.5	2.7	1.1	.2				16.0	12.0
NNE	1.1	1.1	.5		.2							2.9	5.3
NE	.2	.9										1.1	4.2
ENE		.7										.7	5.0
E	.4	.4	.5									1.3	5.7
ESE		.2										.2	5.0
SE	.7	.2	.4									1.3	4.1
SSE	.4	1.6	.5	.2								2.7	5.6
S	2.2	2.0	.5									4.7	4.2
SSW	1.3	1.8	.9	.5	.2							4.7	6.4
SW	2.4	2.6	1.5	.7								7.1	5.4
WSW	1.3	.7	.7	.5								3.3	6.3
W	1.8	3.6	.7	.5								6.7	5.2
WNW	2.2	2.7	.5	.2								5.6	4.3
NW	2.9	3.5	1.3	.7								8.4	5.0
NNW	3.6	6.2	2.6	1.6	.2	1.1						15.3	7.3
VARBL													
CALM												17.9	
	23.3	33.0	12.6	6.2	2.0	3.8	1.1	.2				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 549

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-74 (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	5.4	9.6	2.9	.6	.6	1.3	.3	.6				21.5	7.8
NNE	1.6	1.3	.3	1.0	.6	1.6						6.4	12.0
NE	.3		.3									.6	4.5
ENE	.6	.6										1.3	3.5
E	.6											.6	2.5
ESE		1.6										1.6	5.0
SE	.6	1.0	.6									2.2	5.4
SSE	1.0	1.0	.3									2.2	4.4
S	2.2	2.9	1.0									6.1	4.0
SSW	.6	1.0	.3	.3								2.2	5.3
SW		.3	.3	1.6								2.2	11.7
WSW	1.0	.3	1.0	1.0		.3						3.5	8.8
W	1.9	.6	.6	.3								3.5	4.6
WNW	1.3	1.3	.3									2.9	4.0
NW	2.9	8.7	2.6	.6								14.7	3.2
NNW	3.8	8.3	2.9	.6	.3	.3						16.3	5.9
VARBL													
CALM												11.9	
	24.0	38.5	13.5	6.1	1.6	3.5	.3	.6				100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 312

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-75 (YEARS) ALL (MONTH)

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

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

SPEED (KNOTS) 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	1.8	2.9	4.2	2.2	1.5	.5	.1				14.3	13.2
NNE	.6	.8	.6	1.5	.2	.3	.3					4.2	10.6
NE	.7	1.1	.2	.6								2.8	6.6
ENE	.8	.9	.5	.2								2.3	5.2
E	1.0	1.7	1.1	.2								4.0	5.3
ESE	1.4	2.4	1.5	.3								5.5	5.6
SE	2.7	3.1	3.8	1.3								10.9	6.4
SSE	2.4	5.9	5.6	2.1	.0							16.1	5.9
S	3.1	5.4	5.4	1.7	.0							15.6	6.5
SSW	.5	.5	.3									1.3	4.9
SW	.2	.2	.0									.5	3.5
WSW	.2	.4	.0					.0				.7	5.1
W	.2	.3	.2	.0								.6	5.6
WNW	.2	.2	.0									.4	3.5
NW	.4	.3	.4	.2	.1							1.2	7.5
NNW	.6	.6	1.2	1.1	1.0	.7	.2		.0			5.5	13.4
VARBL													
CALM												13.9	
	16.1	25.5	24.1	13.3	3.5	2.6	.7	.2	.0			100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2545

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

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 separate 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 of 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 column. 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.

D

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 and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. 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.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

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.

874-29964

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-75 (YEARS) ALL (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6
≥ 20000	64.7	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	65.1	65.1
≥ 18000	65.0	65.2	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
≥ 16000	65.4	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 14000	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8
≥ 12000	72.6	72.8	72.9	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
≥ 10000	75.1	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6
≥ 9000	75.6	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	76.1
≥ 8000	76.4	76.7	76.8	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
≥ 7000	80.4	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
≥ 6000	83.8	84.1	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	84.4
≥ 5000	85.7	86.1	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	86.4
≥ 4500	86.4	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4000	87.6	88.1	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3500	88.6	89.2	89.4	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8
≥ 3000	89.5	90.2	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2500	90.2	90.9	91.2	91.3	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7
≥ 2000	90.9	91.7	92.1	92.2	92.4	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7
≥ 1800	91.0	91.9	92.2	92.4	92.6	92.6	92.7	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9
≥ 1500	91.4	92.4	92.8	93.1	93.3	93.3	93.5	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	91.8	92.9	93.4	93.7	94.0	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5
≥ 1000	92.2	93.4	94.0	94.3	94.7	94.8	95.0	95.1	95.2	95.3	95.4	95.4	95.4	95.5	95.5	95.5
≥ 900	92.3	93.6	94.2	94.6	95.0	95.1	95.3	95.5	95.5	95.7	95.8	95.8	95.9	95.9	95.9	95.9
≥ 800	92.4	93.8	94.5	94.9	95.4	95.5	95.8	95.9	96.0	96.2	96.3	96.3	96.4	96.5	96.5	96.5
≥ 700	92.6	94.0	94.7	95.2	95.7	95.9	96.2	96.4	96.4	96.7	96.8	96.9	97.0	97.0	97.0	97.1
≥ 600'	92.7	94.2	95.0	95.4	96.1	96.2	96.5	96.8	96.8	97.1	97.3	97.3	97.5	97.6	97.6	97.6
≥ 500	92.8	94.3	95.1	95.7	96.3	96.5	96.9	97.1	97.2	97.6	97.8	97.8	98.1	98.2	98.2	98.3
≥ 400	92.8	94.4	95.3	95.8	96.5	96.7	97.1	97.4	97.5	97.9	98.2	98.2	98.5	98.7	98.8	98.9
≥ 300	92.8	94.5	95.3	95.8	96.6	96.7	97.2	97.5	97.6	98.0	98.3	98.4	98.7	99.0	99.1	99.3
≥ 200	92.9	94.5	95.3	95.9	96.6	96.8	97.2	97.5	97.6	98.1	98.4	98.5	98.9	99.1	99.3	99.6
≥ 100	92.9	94.5	95.3	95.9	96.6	96.8	97.2	97.5	97.6	98.1	98.4	98.5	98.9	99.2	99.4	99.9
≥ 0	92.9	94.5	95.3	95.9	96.6	96.8	97.2	97.5	97.6	98.1	98.4	98.5	98.9	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 45618

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

SPEEDFLO® MOORE BUSINESS FORMS INC. 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FURT CARSON CO/BUTTS AAF (STATION NAME) 57-75 (YEARS) JAN (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	67.0	67.3	67.5	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.9
≥ 20000	74.1	74.4	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	75.0
≥ 18000	74.7	75.0	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.6
≥ 16000	75.3	75.6	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.2
≥ 14000	77.7	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.6
≥ 12000	81.4	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4
≥ 10000	83.7	84.2	84.4	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.8
≥ 9000	83.9	84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	95.0
≥ 8000	84.5	85.1	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.8
≥ 7000	85.7	86.4	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.1
≥ 6000	86.7	87.4	87.7	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.1
≥ 5000	87.4	88.1	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8
≥ 4500	87.5	88.3	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	89.0
≥ 4000	88.7	89.5	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3
≥ 3500	89.2	90.0	90.4	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.9
≥ 3000	89.5	90.4	90.7	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.3
≥ 2500	90.2	91.1	91.6	91.8	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.3
≥ 2000	90.5	91.5	92.0	92.4	92.5	92.5	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.1
≥ 1800	90.6	91.6	92.1	92.5	92.6	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.2	93.3
≥ 1500	90.7	92.0	92.6	93.0	93.2	93.3	93.5	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	94.0
≥ 1200	90.8	92.1	92.8	93.4	93.7	93.8	94.1	94.3	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.7
≥ 1000	91.0	92.6	93.3	94.0	94.6	94.7	95.0	95.4	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.9
≥ 900	91.0	92.6	93.4	94.1	94.8	94.8	95.2	95.5	95.5	95.9	95.9	95.9	95.9	96.0	96.0	96.1
≥ 800	91.1	92.9	93.7	94.4	95.2	95.2	95.6	96.0	96.0	96.4	96.4	96.5	96.5	96.5	96.6	96.7
≥ 700	91.2	93.1	94.0	94.7	95.4	95.5	95.9	96.4	96.4	96.8	96.8	96.8	96.9	96.9	97.0	97.1
≥ 600	91.2	93.1	94.0	94.8	95.6	95.7	96.2	96.7	96.7	97.1	97.2	97.2	97.3	97.4	97.4	97.5
≥ 500	91.2	93.1	94.0	94.8	95.7	95.7	96.3	96.8	96.8	97.3	97.3	97.4	97.6	97.7	97.7	97.8
≥ 400	91.3	93.2	94.1	94.9	95.8	95.9	96.4	97.0	97.1	97.7	97.9	97.9	98.2	98.3	98.5	98.6
≥ 300	91.3	93.2	94.1	94.9	95.8	95.9	96.4	97.1	97.2	97.8	98.0	98.0	98.4	98.5	98.7	98.9
≥ 200	91.3	93.2	94.1	94.9	95.9	95.9	96.5	97.2	97.3	97.9	98.1	98.2	98.6	98.7	98.9	99.4
≥ 100	91.3	93.2	94.1	94.9	95.9	95.9	96.5	97.2	97.3	97.9	98.2	98.2	98.6	98.7	99.1	99.9
0	91.3	93.2	94.1	94.9	95.9	95.9	96.5	97.2	97.3	97.9	98.2	98.2	98.6	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 3423

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

SPEEDFLO® MOORE BUSINESS FORMS INC. 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-71,73-75 (YEARS) FEB (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	64.1	64.3	64.4	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 20000	69.9	70.2	70.3	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
< 18000	70.3	70.5	70.6	70.7	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	70.9	71.2	71.3	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
< 14000	73.2	73.5	73.6	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
≥ 12000	77.6	78.0	78.2	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
< 10000	78.7	79.1	79.3	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
≥ 9000	79.1	79.6	79.8	79.9	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	80.0	80.6	80.9	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
≥ 7000	80.9	81.5	81.8	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
< 6000	82.1	82.9	83.2	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 5000	83.3	84.2	84.4	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
< 4500	83.8	84.7	85.0	85.0	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4000	84.7	85.6	86.0	86.1	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
< 3500	85.6	86.7	87.2	87.3	87.4	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3000	86.4	87.7	88.2	88.3	88.4	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
< 2500	87.0	88.2	88.8	88.9	89.0	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2000	87.5	88.7	89.4	89.5	89.7	89.9	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
< 1800	87.6	88.9	89.7	89.9	90.1	90.2	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1500	88.1	89.5	90.6	90.9	91.3	91.4	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
< 1200	88.3	90.0	91.1	91.4	91.8	92.1	92.3	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1000	88.6	90.4	91.7	92.1	92.9	93.2	93.5	93.8	93.8	93.9	94.0	94.0	94.2	94.2	94.2	94.3
< 900	88.6	90.5	91.9	92.3	93.2	93.5	93.9	94.2	94.2	94.3	94.5	94.5	94.7	94.7	94.7	94.8
≥ 800	88.7	90.7	92.1	92.6	93.7	94.0	94.5	94.9	94.9	95.1	95.3	95.3	95.7	95.7	95.7	95.8
< 700	89.8	90.9	92.3	92.9	94.1	94.4	95.0	95.4	95.6	95.9	96.2	96.2	96.7	96.7	96.7	96.7
≥ 600	89.1	91.2	92.6	93.2	94.4	94.7	95.4	95.8	96.0	96.5	96.9	96.9	97.3	97.3	97.3	97.4
< 500	89.1	91.3	92.7	93.3	94.5	94.8	95.7	96.2	96.4	97.0	97.5	97.5	98.1	98.2	98.2	98.3
≥ 400	89.1	91.3	92.7	93.4	94.7	95.0	95.9	96.3	96.6	97.2	97.8	97.8	98.4	98.7	98.8	98.9
< 300	89.1	91.3	92.7	93.4	94.7	95.0	95.9	96.3	96.6	97.2	97.8	97.8	98.5	98.9	99.0	99.3
≥ 200	89.1	91.3	92.7	93.4	94.7	95.0	95.9	96.3	96.6	97.2	97.8	97.8	98.5	98.9	99.1	99.5
< 100	89.1	91.3	92.7	93.4	94.7	95.0	95.9	96.3	96.6	97.2	97.8	97.8	98.5	98.9	99.2	99.8
= 0	89.1	91.3	92.7	93.4	94.7	95.0	95.9	96.3	96.6	97.2	97.8	97.8	98.5	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 3224

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

SPEEDILOG® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) | FORT CARSON CO/BUTTS AAF (STATION NAME) | 67-71,73-75 (YEARS) | MAR (MONTH) | ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.4	53.9	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3
≥ 20000	57.2	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2
≥ 18000	57.5	58.1	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5
≥ 16000	57.8	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 14000	60.0	60.6	60.7	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0
≥ 12000	63.7	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.8	64.8
≥ 10000	66.4	67.1	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.7	67.7
≥ 9000	67.0	67.8	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
≥ 8000	67.7	68.5	68.8	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1
≥ 7000	69.1	69.9	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5
≥ 6000	71.8	72.6	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2
≥ 5000	73.7	74.6	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2
≥ 4500	74.8	75.7	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.4	76.4	76.4
≥ 4000	76.4	77.4	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.2	78.2
≥ 3500	77.3	78.4	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.3	79.3
≥ 3000	78.4	79.6	80.0	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5
≥ 2500	79.2	80.6	81.1	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2000	80.1	81.7	82.4	82.6	83.0	83.1	83.2	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1800	80.2	81.8	82.5	82.9	83.3	83.4	83.5	83.5	83.6	83.7	83.7	83.7	83.8	83.8	83.8	83.8
≥ 1500	81.0	82.8	83.7	84.1	84.5	84.6	84.8	84.9	85.0	85.1	85.2	85.2	85.2	85.2	85.3	85.3
≥ 1200	81.9	83.9	85.1	85.7	86.3	86.4	86.7	86.9	87.0	87.2	87.4	87.4	87.5	87.6	87.6	87.6
≥ 1000	82.8	85.1	86.4	87.2	87.8	88.0	88.5	88.8	89.1	89.5	89.8	89.8	90.0	90.0	90.1	90.1
≥ 900	83.1	85.5	86.8	87.6	88.6	88.7	89.5	89.8	90.1	90.6	90.9	91.0	91.2	91.3	91.4	91.4
≥ 800	83.7	86.1	87.4	88.3	89.3	89.5	90.3	90.6	91.0	91.7	92.1	92.2	92.5	92.8	92.8	92.9
≥ 700	83.8	86.3	87.7	88.7	90.0	90.2	91.1	91.7	92.1	92.8	93.2	93.5	93.9	94.1	94.2	94.3
≥ 600	84.0	86.5	88.0	89.2	90.5	90.7	91.7	92.3	92.8	93.7	94.2	94.5	95.0	95.2	95.4	95.6
≥ 500	84.1	86.7	88.2	89.5	90.9	91.1	92.2	92.9	93.4	94.4	95.1	95.4	96.1	96.4	96.6	96.8
≥ 400	84.2	86.9	88.4	89.6	91.2	91.5	92.6	93.3	93.8	94.8	95.5	95.8	96.8	97.2	97.5	97.8
≥ 300	84.2	86.9	88.4	89.7	91.3	91.6	92.7	93.4	93.9	95.0	95.7	96.0	97.1	97.6	98.1	98.6
≥ 200	84.2	86.9	88.4	89.7	91.4	91.7	92.8	93.5	94.0	95.2	96.0	96.3	97.3	97.9	98.5	99.5
≥ 100	84.2	86.9	88.5	89.7	91.4	91.7	92.9	93.6	94.1	95.4	96.1	96.4	97.5	98.1	98.7	100.0
0	84.2	86.9	88.5	89.7	91.4	91.7	92.9	93.6	94.1	95.4	96.1	96.4	97.5	98.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3713

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

SPEEDLOG MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) APR (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000	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	60.0
≥ 18000	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 16000	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	61.0	61.0	61.0
≥ 14000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 12000	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 10000	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	70.1	70.1	70.1
≥ 9000	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	70.4
≥ 8000	71.2	71.2	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
≥ 7000	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 6000	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	77.8	77.8
≥ 5000	80.4	80.6	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	80.7
≥ 4500	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4000	83.7	84.2	84.3	84.5	84.6	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3500	86.0	86.6	86.8	87.0	87.1	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5
≥ 3000	87.4	88.2	88.4	88.7	88.8	88.9	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500	88.5	89.4	89.7	89.9	90.1	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6
≥ 2000	89.2	90.3	90.6	90.9	91.2	91.3	91.5	91.6	91.6	91.7	91.8	91.9	91.8	91.8	91.8	91.8
≥ 1800	89.3	90.4	90.7	91.0	91.3	91.4	91.6	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	89.9	91.0	91.3	91.6	91.9	92.0	92.3	92.4	92.4	92.6	92.6	92.6	92.7	92.8	92.8	92.8
≥ 1200	90.1	91.4	91.8	92.2	92.6	92.7	93.0	93.2	93.2	93.4	93.4	93.4	93.6	93.6	93.6	93.6
≥ 1000	90.5	91.9	92.4	92.8	93.2	93.4	93.8	94.1	94.1	94.3	94.4	94.4	94.5	94.5	94.5	94.5
≥ 900	90.6	92.1	92.7	93.0	93.5	93.6	94.1	94.5	94.6	94.8	94.9	95.0	95.1	95.1	95.1	95.1
≥ 800	90.9	92.4	93.0	93.4	94.0	94.2	94.6	95.1	95.2	95.5	95.6	95.7	95.8	95.8	95.8	95.8
≥ 700	91.1	92.6	93.3	93.7	94.4	94.6	95.1	95.5	95.6	96.1	96.3	96.3	96.5	96.5	96.5	96.5
≥ 600	91.1	92.7	93.4	93.9	94.6	94.8	95.3	95.8	95.9	96.5	96.7	96.8	97.0	97.1	97.1	97.1
≥ 500	91.2	92.8	93.6	94.1	94.9	95.0	95.6	96.1	96.3	97.0	97.3	97.4	97.8	98.0	98.0	98.1
≥ 400	91.2	92.9	93.7	94.2	95.0	95.1	95.7	96.2	96.5	97.3	97.7	97.8	98.3	98.7	98.8	98.9
≥ 300	91.2	92.9	93.7	94.3	95.1	95.2	95.8	96.3	96.6	97.4	97.8	97.9	98.4	99.0	99.2	99.2
≥ 200	91.2	92.9	93.7	94.3	95.1	95.3	95.9	96.4	96.7	97.7	98.1	98.2	98.7	99.3	99.5	99.6
≥ 100	91.2	92.9	93.7	94.3	95.1	95.3	95.9	96.4	96.7	97.8	98.1	98.2	98.8	99.3	99.5	99.9
0	91.2	92.9	93.7	94.3	95.1	95.3	95.9	96.4	96.7	97.8	98.1	98.2	98.8	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 3923

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

SPECIFIED MOORE BUSINESS FORMS, INC. 22

DATA PROCESSIN. BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FURT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) MAY (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	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	54.8
≥ 18000	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 16000	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 14000	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 10000	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 9000	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 8000	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	66.1	66.1
≥ 7000	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
≥ 6000	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 5000	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4500	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	87.1	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3500	89.4	90.0	90.1	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
≥ 3000	91.0	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
≥ 2500	92.0	92.8	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
≥ 2000	93.4	94.4	94.8	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
≥ 1800	93.6	94.8	95.2	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	94.2	95.4	95.9	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 1200	94.6	95.8	96.4	96.7	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	94.9	96.4	97.0	97.3	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	95.1	96.6	97.2	97.5	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	95.3	96.8	97.5	97.8	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	95.4	97.0	97.8	98.1	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	95.5	97.1	98.0	98.3	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	95.6	97.1	98.1	98.5	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	95.6	97.2	98.1	98.5	99.2	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	95.6	97.2	98.2	98.6	99.3	99.3	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 200	95.6	97.2	98.2	98.6	99.3	99.3	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	95.6	97.2	98.2	98.6	99.3	99.3	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0
0	95.6	97.2	98.2	98.6	99.3	99.3	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3776

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

SPEEDLOG MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) JUN (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ 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	60.7	60.7	60.7	60.7
≥ 20000	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3
≥ 18000	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 16000	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 14000	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 12000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8
≥ 10000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 9000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 8000	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 7000	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7
≥ 6000	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	90.4	90.4
≥ 5000	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4500	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
≥ 4000	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3
≥ 3500	94.9	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5
≥ 3000	96.1	96.5	96.6	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
≥ 2500	96.4	96.8	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 2000	96.9	97.4	97.6	97.6	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 1800	97.0	97.5	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 1500	97.1	97.6	97.8	97.8	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	97.3	97.7	98.0	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	97.3	97.8	98.3	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	97.3	97.9	98.4	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	97.4	98.0	98.5	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	97.4	98.1	98.5	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	97.5	98.1	98.7	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 500	97.5	98.1	98.7	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	97.5	98.2	98.8	98.9	99.1	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7
≥ 300	97.5	98.2	98.9	99.0	99.2	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8
≥ 200	97.5	98.2	98.9	99.0	99.2	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9
≥ 100	97.5	98.2	98.9	99.0	99.2	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.9	100.0	100.0
0	97.5	98.2	98.9	99.0	99.2	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3701

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

SPEEDIFOLD MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 20000	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 18000	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 16000	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 14000	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
≥ 12000	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	67.8	67.8
≥ 10000	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 9000	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 8000	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 7000	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 6000	89.6	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 5000	93.0	93.3	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 4500	93.6	93.8	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
≥ 4000	94.5	94.8	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3500	95.1	95.5	95.6	95.7	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	95.6	96.1	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500	95.8	96.3	96.4	96.5	96.6	96.6	96.7	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	96.1	96.7	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	96.2	96.8	96.9	97.1	97.1	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	96.4	97.0	97.2	97.4	97.5	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	96.7	97.3	97.5	97.8	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3
≥ 1000	96.9	97.6	97.8	98.2	98.3	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	96.9	97.7	97.9	98.2	98.4	98.4	98.6	98.6	98.6	98.7	98.8	98.9	98.8	98.8	98.8	98.8
≥ 800	96.9	97.7	97.9	98.4	98.5	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	97.0	97.8	98.0	98.5	98.6	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	97.1	98.0	98.2	98.6	98.8	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	97.1	98.1	98.3	98.7	98.9	99.0	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 400	97.1	98.1	98.3	98.8	98.9	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 300	97.2	98.1	98.3	98.8	99.0	99.1	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	97.2	98.1	98.3	98.8	99.0	99.1	99.4	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9
≥ 100	97.2	98.1	98.4	98.9	99.1	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 0	97.2	98.1	98.4	98.9	99.1	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 4260

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

SPEEDFLO® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 06-74 (YEARS) SEP (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9
≥ 20000	67.7	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1
≥ 18000	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1
≥ 16000	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7
≥ 14000	70.0	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4
≥ 12000	73.8	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2
≥ 10000	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	75.6
≥ 9000	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8
≥ 8000	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5
≥ 7000	79.2	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	79.6
≥ 6000	82.4	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8
≥ 5000	83.8	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3
≥ 4500	84.4	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	84.9	84.9
≥ 4000	85.5	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	86.0
≥ 3500	86.8	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4
≥ 3000	88.0	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6
≥ 2500	89.2	89.6	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0
≥ 2000	90.6	91.1	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5
≥ 1800	90.8	91.3	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7
≥ 1500	91.7	92.2	92.4	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9
≥ 1200	92.4	93.0	93.2	93.4	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8
≥ 1000	92.9	93.6	93.8	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5
≥ 900	93.3	94.0	94.3	94.4	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0
≥ 800	93.5	94.4	94.6	94.8	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5
≥ 700	93.9	94.9	95.2	95.4	95.8	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.4
≥ 600	94.0	95.2	95.4	95.7	96.2	96.3	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.7	96.7	96.8
≥ 500	94.3	95.6	96.0	96.4	97.1	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.7	97.8
≥ 400	94.4	95.9	96.3	96.7	97.5	97.7	98.0	98.0	98.1	98.3	98.3	98.3	98.5	98.7	98.8	98.9
≥ 300	94.4	95.9	96.4	96.8	97.6	97.8	98.1	98.2	98.3	98.5	98.6	98.6	98.8	99.0	99.2	99.2
≥ 200	94.4	95.9	96.4	96.8	97.6	97.8	98.2	98.3	98.4	98.6	98.7	98.7	99.0	99.2	99.4	99.7
≥ 100	94.4	95.9	96.4	96.8	97.6	97.8	98.2	98.3	98.4	98.6	98.8	98.8	99.1	99.3	99.5	100.0
0	94.4	95.9	96.4	96.8	97.6	97.8	98.2	98.3	98.4	98.6	98.8	98.8	99.1	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 3985

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

MOORE BUSINESS FORMS, INC. STEENBOCK

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FURT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (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	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 20000	69.2	69.3	69.3	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
≥ 18000	69.6	69.7	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
≥ 16000	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	70.1
≥ 14000	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 12000	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	76.7	76.7
≥ 10000	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4
≥ 9000	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2
≥ 8000	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	80.1	80.1
≥ 7000	81.3	81.4	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
≥ 6000	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
≥ 5000	84.8	84.9	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
≥ 4500	85.4	85.6	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	85.8
≥ 4000	86.2	86.5	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3500	87.2	87.6	87.8	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
≥ 3000	88.1	88.6	88.8	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2
≥ 2500	89.1	89.6	89.9	89.9	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2000	89.8	90.4	90.7	90.8	90.9	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.3
≥ 1800	89.9	90.6	90.9	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	90.4	91.0	91.5	91.6	91.8	91.8	91.9	92.0	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2
≥ 1200	90.9	91.7	92.4	92.7	92.8	92.9	93.0	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3
≥ 1000	91.1	92.2	93.1	93.4	93.6	93.7	93.8	93.9	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 900	91.2	92.4	93.3	93.7	94.0	94.1	94.2	94.3	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.6
≥ 800	91.4	92.7	93.6	94.2	94.6	94.7	94.9	95.0	95.0	95.2	95.3	95.3	95.4	95.4	95.4	95.4
≥ 700	91.5	92.9	94.0	94.5	94.9	95.0	95.3	95.4	95.4	95.6	95.7	95.7	95.7	95.9	95.9	95.9
≥ 600	91.6	93.1	94.2	94.8	95.2	95.4	95.6	95.8	95.9	96.1	96.2	96.2	96.2	96.3	96.3	96.3
≥ 500	91.6	93.3	94.4	95.0	95.6	95.7	96.1	96.3	96.3	96.6	96.8	96.8	96.8	97.0	97.1	97.1
≥ 400	91.7	93.5	94.7	95.4	95.9	96.1	96.5	96.7	96.7	97.2	97.4	97.4	97.5	97.9	97.9	98.0
≥ 300	91.7	93.5	94.7	95.4	95.9	96.1	96.5	96.8	96.8	97.3	97.6	97.6	97.9	98.3	98.4	98.5
≥ 200	91.7	93.6	94.8	95.4	96.0	96.2	96.6	96.9	96.9	97.5	97.7	97.7	98.1	98.6	98.7	99.1
≥ 100	91.7	93.6	94.8	95.4	96.0	96.2	96.6	96.9	96.9	97.5	97.7	97.7	98.1	98.6	98.8	99.8
0	91.7	93.6	94.8	95.4	96.0	96.2	96.6	96.9	96.9	97.5	97.7	97.7	98.1	98.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 4105

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | NOV 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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	> 0
NO CEILING	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7
≥ 20000	71.7	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1
≥ 18000	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	72.4	72.4	72.5
≥ 16000	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.9
≥ 14000	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.6
≥ 12000	79.7	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.5
≥ 10000	81.5	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.3
≥ 9000	81.7	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.5
≥ 8000	82.0	82.4	82.4	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.8
≥ 7000	82.7	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.6
≥ 6000	83.4	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.3
≥ 5000	84.8	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.8
≥ 4500	85.2	85.8	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.3
≥ 4000	86.5	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.6	87.6	87.6
≥ 3500	87.3	87.9	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.4
≥ 3000	88.2	88.8	89.0	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4
≥ 2500	88.5	89.2	89.4	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.9
≥ 2000	89.1	90.1	90.4	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	91.0
≥ 1800	89.4	90.4	90.7	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.3
≥ 1500	89.9	91.0	91.2	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.9	92.0	92.0	92.1	92.1	92.2
≥ 1200	90.5	91.7	92.1	92.3	92.5	92.6	92.7	92.8	92.8	92.8	92.9	92.9	93.0	93.1	93.1	93.2
≥ 1000	90.9	92.5	92.9	93.2	93.5	93.6	93.8	93.9	93.9	93.9	94.0	94.1	94.2	94.2	94.2	94.3
≥ 900	91.1	92.8	93.2	93.6	94.0	94.2	94.3	94.4	94.5	94.5	94.6	94.7	94.7	94.8	94.8	94.9
≥ 800	91.2	93.0	93.5	94.0	94.4	94.5	94.7	94.9	94.9	95.0	95.1	95.2	95.2	95.3	95.3	95.4
≥ 700	91.3	93.2	93.7	94.2	94.8	94.9	95.1	95.3	95.3	95.4	95.5	95.7	95.8	95.8	95.8	95.9
≥ 600	91.5	93.4	94.0	94.6	95.3	95.4	95.7	95.8	95.9	96.0	96.2	96.4	96.5	96.6	96.6	96.8
≥ 500	91.6	93.7	94.3	95.0	95.8	95.9	96.3	96.5	96.5	96.7	96.9	97.1	97.5	97.8	97.8	98.0
≥ 400	91.6	93.7	94.4	95.0	95.9	96.0	96.4	96.6	96.6	96.8	97.1	97.3	97.7	98.1	98.2	98.4
≥ 300	91.6	93.7	94.4	95.1	96.0	96.1	96.5	96.7	96.7	97.0	97.4	97.6	98.0	98.5	98.6	99.0
≥ 200	91.6	93.7	94.4	95.1	96.0	96.1	96.6	96.7	96.8	97.0	97.4	97.7	98.1	98.6	98.8	99.5
≥ 100	91.6	93.7	94.4	95.1	96.1	96.2	96.6	96.8	96.8	97.1	97.5	97.7	98.2	98.7	99.0	99.7
≥ 0	91.6	93.7	94.4	95.1	96.1	96.2	96.6	96.8	96.8	97.1	97.5	97.7	98.2	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3713

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-71, 73-74 (YEARS) DEC (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 20000	73.1	73.3	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
≥ 18000	73.2	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 16000	73.5	73.7	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
≥ 14000	75.3	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 12000	79.1	79.3	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
≥ 10000	82.3	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 9000	82.9	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 8000	83.1	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 7000	83.9	84.5	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
≥ 6000	85.3	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
≥ 5000	86.6	87.2	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	87.6
≥ 4500	87.1	87.7	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	87.8	88.4	88.8	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1
≥ 3500	88.0	88.8	89.2	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
≥ 3000	88.4	89.2	89.7	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	88.7	89.5	90.0	90.1	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7
≥ 2000	89.2	90.1	90.8	90.8	91.2	91.3	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.7	91.7	91.7
≥ 1800	89.4	90.3	90.9	91.0	91.3	91.4	91.6	91.7	91.7	91.7	91.8	91.9	91.8	91.9	91.9	91.9
≥ 1500	89.8	90.8	91.5	91.6	92.1	92.2	92.5	92.6	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.9
≥ 1200	90.0	91.0	91.9	92.0	92.5	92.6	92.9	93.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.4
≥ 1000	90.0	91.2	92.2	92.4	93.2	93.3	93.6	93.8	93.8	94.1	94.2	94.2	94.3	94.4	94.4	94.4
≥ 900	90.0	91.3	92.2	92.4	93.2	93.4	93.7	93.9	93.9	94.2	94.4	94.4	94.6	94.6	94.6	94.6
≥ 800	90.1	91.4	92.4	92.8	93.6	93.8	94.2	94.5	94.5	94.9	95.1	95.2	95.3	95.5	95.5	95.5
≥ 700	90.1	91.5	92.5	93.0	93.9	94.1	94.5	94.8	94.8	95.3	95.6	95.7	95.9	96.0	96.0	96.1
≥ 600	90.1	91.6	92.7	93.2	94.2	94.4	95.0	95.3	95.3	95.9	96.3	96.3	96.7	96.9	96.9	96.9
≥ 500	90.3	91.8	93.0	93.5	94.5	94.8	95.3	95.7	95.7	96.4	96.9	96.9	97.3	97.7	97.7	97.7
≥ 400	90.3	91.8	93.0	93.6	94.5	94.8	95.3	95.7	95.7	96.7	97.3	97.3	98.0	98.4	98.5	98.6
≥ 300	90.4	91.9	93.1	93.6	94.6	94.9	95.4	95.8	95.8	96.8	97.5	97.5	98.4	98.8	99.0	99.1
≥ 200	90.4	92.0	93.1	93.7	94.6	95.0	95.5	95.9	95.9	96.9	97.5	97.6	98.6	99.0	99.4	99.8
≥ 100	90.4	92.0	93.1	93.7	94.6	95.0	95.5	95.9	95.9	96.9	97.5	97.6	98.6	99.0	99.4	100.0
0	90.4	92.0	93.1	93.7	94.6	95.0	95.5	95.9	95.9	96.9	97.5	97.6	98.6	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 3244

MOORE BUSINESS FORMS, INC. SPEEDFLOW

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 73-75 (YEARS) JAN (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	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
≥ 20000	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 18000	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 16000	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1500	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 700	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 400	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	100.0	100.0
≥ 300	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	100.0	100.0
≥ 200	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	100.0	100.0
≥ 100	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	100.0	100.0
≥ 0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 28

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

SPEEDIFLO® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 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	69.3	70.1	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8
≥ 20000	73.2	74.0	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.6	74.6
≥ 18000	73.5	74.3	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9
≥ 16000	73.8	74.6	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2
≥ 14000	76.4	77.3	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.0
≥ 12000	80.0	81.0	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6
≥ 10000	81.8	82.9	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5
≥ 9000	82.1	83.2	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.9	83.9
≥ 8000	82.4	83.7	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3
≥ 7000	83.2	84.5	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1
≥ 6000	83.9	85.1	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.8	85.8
≥ 5000	84.2	85.5	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.1	86.1
≥ 4500	84.3	85.9	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.6	86.6
≥ 4000	85.9	87.7	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.5	88.5
≥ 3500	85.9	87.7	87.9	88.3	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.7	88.7
≥ 3000	86.3	88.0	88.2	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.0	89.0
≥ 2500	86.6	88.3	88.5	89.0	89.1	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.5	89.5
≥ 2000	86.7	88.7	88.8	89.5	89.6	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.3
≥ 1800	86.7	88.8	89.0	89.6	89.9	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.6	90.6
≥ 1500	86.7	89.5	89.9	90.9	91.2	91.4	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0
≥ 1200	86.7	89.5	89.9	90.9	91.5	91.7	92.3	92.7	92.7	92.8	92.8	92.8	92.8	92.8	93.0	93.0
≥ 1000	86.9	89.9	90.4	91.7	92.7	92.8	93.5	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.4	94.4
≥ 900	86.9	89.9	90.4	91.7	92.7	92.8	93.5	93.9	93.9	94.2	94.4	94.4	94.4	94.4	94.6	94.6
≥ 800	87.2	90.3	90.9	92.2	93.1	93.3	93.9	94.7	94.7	95.2	95.4	95.5	95.5	95.5	95.7	95.7
≥ 700	87.2	90.3	90.9	92.2	93.1	93.3	94.1	94.9	94.9	95.4	95.5	95.7	95.7	95.7	95.8	95.8
≥ 600	87.2	90.3	90.9	92.2	93.1	93.3	94.1	94.9	94.9	95.4	95.5	95.7	95.8	95.8	96.0	96.0
≥ 500	87.2	90.3	90.9	92.2	93.1	93.3	94.1	94.9	94.9	95.4	95.5	95.7	96.0	96.0	96.2	96.2
≥ 400	87.2	90.3	90.9	92.2	93.1	93.3	94.1	95.2	95.2	95.7	95.8	96.0	96.3	96.3	96.8	96.8
≥ 300	87.2	90.3	90.9	92.2	93.3	93.5	94.2	95.4	95.4	95.8	96.0	96.2	96.5	96.5	97.0	97.4
≥ 200	87.2	90.3	90.9	92.2	93.3	93.5	94.2	95.4	95.4	95.8	96.0	96.2	96.5	96.5	97.3	98.4
≥ 100	87.2	90.3	90.9	92.2	93.3	93.5	94.2	95.4	95.4	95.8	96.0	96.2	96.5	96.5	97.6	99.4
0	87.2	90.3	90.9	92.2	93.3	93.5	94.2	95.4	95.4	95.8	96.0	96.2	96.5	96.5	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 626

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

SPEEDFLOW® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FURT CARSON CO/BUILTS AAF (STATION NAME) 67-75 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (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	63.4	63.5	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.7
≥ 20000	72.5	72.6	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.9
≥ 18000	72.8	72.9	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	74.2
≥ 16000	73.2	73.3	73.8	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.6
≥ 14000	75.6	75.9	76.4	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.2
≥ 12000	80.1	80.4	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.7
≥ 10000	81.6	81.8	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	83.1
≥ 9000	81.8	82.1	82.6	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.4
≥ 8000	83.3	83.9	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	85.3
≥ 7000	84.7	85.3	85.7	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.7
≥ 6000	85.2	85.9	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	87.3
≥ 5000	85.3	86.0	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.5
≥ 4500	85.4	86.2	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	87.6
≥ 4000	85.7	86.6	87.2	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	88.0
≥ 3500	85.9	86.7	87.3	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.3
≥ 3000	86.0	86.9	87.6	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.6
≥ 2500	86.9	87.8	88.5	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.6
≥ 2000	87.2	88.2	89.0	89.3	89.5	89.5	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.5
≥ 1800	87.2	88.2	89.0	89.3	89.5	89.5	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.6
≥ 1500	87.3	88.6	89.5	89.8	90.1	90.1	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	91.2
≥ 1200	87.3	88.8	89.9	90.5	91.1	91.1	91.4	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	92.5
≥ 1000	87.8	89.3	90.5	91.4	92.7	92.7	93.2	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.5
≥ 900	87.8	89.3	90.5	91.4	92.7	92.7	93.2	93.8	93.8	93.9	93.9	93.9	93.9	94.1	94.1	94.7
≥ 800	87.8	89.5	90.6	91.5	92.9	92.9	93.7	94.4	94.4	94.5	94.5	94.5	94.5	94.7	94.7	95.2
≥ 700	87.8	89.6	90.8	91.6	93.1	93.1	93.8	94.7	94.7	94.8	94.8	94.8	94.8	95.0	95.0	95.5
≥ 600	87.8	89.6	90.8	91.6	93.4	93.4	94.4	95.5	95.5	95.7	95.7	95.7	95.8	96.0	96.0	96.5
≥ 500	87.8	89.6	90.8	91.6	93.5	93.5	94.7	95.8	95.8	96.0	96.0	96.0	96.1	96.3	96.3	96.8
≥ 400	87.9	89.8	90.9	91.8	93.8	93.9	95.1	96.4	96.7	97.0	97.1	97.1	97.6	97.8	98.1	98.7
≥ 300	87.9	89.8	90.9	91.8	93.8	93.9	95.1	96.4	96.7	97.1	97.4	97.4	97.8	98.1	98.4	99.1
≥ 200	87.9	89.8	90.9	91.8	93.9	94.1	95.4	96.7	97.0	97.6	97.8	97.8	98.4	98.8	99.1	100.0
≥ 100	87.9	89.8	90.9	91.8	93.9	94.1	95.4	96.7	97.0	97.6	97.8	97.8	98.4	98.8	99.1	100.0
≥ 0	87.9	89.8	90.9	91.8	93.9	94.1	95.4	96.7	97.0	97.6	97.8	97.8	98.4	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 694

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

SPEEDIFLO® HOOSE BUSINESS FORMS, INC. 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) JAN (MONTH)

1200-1400 (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.9	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3
≥ 20000	72.5	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	72.9	72.9
≥ 18000	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2
≥ 16000	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	74.0	74.0
≥ 14000	75.8	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2
≥ 12000	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.0	80.0
≥ 10000	81.5	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2
≥ 9000	81.5	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2
≥ 8000	82.2	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4
≥ 7000	83.9	84.6	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
≥ 6000	86.4	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7
≥ 5000	86.8	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.2	88.2
≥ 4500	87.0	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3
≥ 4000	88.8	89.5	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.3
≥ 3500	89.8	90.7	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.5	91.5
≥ 3000	89.8	90.7	91.2	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.8	91.8
≥ 2500	91.6	92.5	93.0	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.9	93.9
≥ 2000	91.8	92.7	93.1	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.2	94.2
≥ 1800	91.8	92.7	93.1	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.2	94.2
≥ 1500	91.9	93.0	93.6	94.3	94.6	94.6	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	95.1	95.1
≥ 1200	92.2	93.4	94.0	94.9	95.2	95.2	95.4	95.4	95.4	95.8	95.8	95.8	95.8	95.8	96.0	96.0
≥ 1000	92.4	94.2	94.9	95.8	96.1	96.1	96.3	96.4	96.4	96.9	96.9	96.9	96.9	96.9	97.0	97.0
≥ 900	92.4	94.5	95.4	96.3	96.6	96.6	96.7	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.5	97.5
≥ 800	92.5	95.2	96.1	97.0	97.3	97.3	97.5	97.6	97.6	98.1	98.1	98.1	98.1	98.1	98.2	98.2
≥ 700	92.5	95.4	96.4	97.3	97.6	97.6	97.8	97.9	97.9	98.4	98.4	98.4	98.4	98.4	98.5	98.5
≥ 600	92.5	95.4	96.4	97.3	97.9	97.9	98.1	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.8	98.8
≥ 500	92.5	95.4	96.4	97.3	97.9	97.9	98.1	98.2	98.4	98.8	98.8	98.8	98.8	98.8	99.0	99.0
≥ 400	92.7	95.5	96.6	97.6	98.2	98.2	98.4	98.5	98.7	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 300	92.7	95.5	96.6	97.6	98.2	98.2	98.4	98.5	98.7	99.3	99.4	99.4	99.4	99.4	99.6	99.7
≥ 200	92.7	95.5	96.6	97.6	98.2	98.2	98.4	98.5	98.7	99.4	99.6	99.6	99.7	99.7	99.9	100.0
≥ 100	92.7	95.5	96.6	97.6	98.2	98.2	98.4	98.5	98.7	99.4	99.6	99.6	99.7	99.7	99.9	100.0
0	92.7	95.5	96.6	97.6	98.2	98.2	98.4	98.5	98.7	99.4	99.6	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 669

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

SPEEDFLO® MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) JAN (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	64.1	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 20000	73.2	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 18000	74.0	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 16000	75.2	75.7	75.9	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
≥ 14000	78.3	78.7	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	79.0
≥ 12000	82.7	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 10000	86.5	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 9000	86.7	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 8000	87.0	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 7000	88.3	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 6000	89.2	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 5000	90.2	90.8	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500	90.2	91.0	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4000	91.7	92.5	92.7	92.7	92.7	92.7	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500	92.5	93.3	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000	92.9	93.7	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2500	93.3	94.1	94.3	94.3	94.3	94.3	94.6	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	93.3	94.3	94.6	94.9	94.9	94.9	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	93.5	94.4	94.8	95.1	95.1	95.1	95.6	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1500	93.5	94.4	94.8	95.1	95.2	95.2	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200	93.5	94.4	94.8	95.1	95.2	95.2	95.7	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000	93.5	94.6	95.2	95.6	95.7	95.7	96.3	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	93.5	94.6	95.2	95.6	95.7	95.7	96.3	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	93.5	94.8	95.4	95.7	95.9	95.9	96.5	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	93.5	95.1	95.9	96.2	96.3	96.5	97.1	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	93.5	95.1	95.9	96.5	96.7	96.8	97.5	97.9	97.9	98.4	98.4	98.4	98.4	98.6	98.6	98.6
≥ 500	93.5	95.1	95.9	96.5	96.8	97.0	97.6	98.1	98.1	98.9	98.9	98.9	99.0	99.2	99.2	99.2
≥ 400	93.5	95.1	95.9	96.5	96.8	97.0	97.6	98.1	98.1	99.0	99.0	99.0	99.2	99.4	99.4	99.4
≥ 300	93.5	95.1	95.9	96.5	96.8	97.0	97.6	98.3	98.3	99.2	99.2	99.2	99.4	99.5	99.5	99.5
≥ 200	93.5	95.1	95.9	96.5	96.8	97.0	97.6	98.3	98.3	99.2	99.2	99.2	99.4	99.5	99.5	99.5
≥ 100	93.5	95.1	95.9	96.5	96.8	97.0	97.6	98.3	98.3	99.2	99.2	99.2	99.4	99.5	99.5	100.0
≥ 0	93.5	95.1	95.9	96.5	96.8	97.0	97.6	98.3	98.3	99.2	99.2	99.2	99.4	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 630

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

SPEEDIFOLD® MOORE BUSINESS FORMS, INC. 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 68-75 (YEARS) JAN (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 20000	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 18000	77.7	77.9	77.9	77.9	77.9	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 16000	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 14000	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 12000	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 10000	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 9000	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
≥ 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	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 6000	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 5000	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4500	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4000	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3000	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2500	92.5	92.9	93.1	93.1	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.5	93.5	93.5	93.5
≥ 2000	93.3	93.8	94.0	94.2	94.2	94.2	94.2	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8
≥ 1800	93.3	93.8	94.0	94.2	94.2	94.2	94.2	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8
≥ 1500	93.5	94.2	94.4	94.6	94.6	94.6	94.6	95.0	95.0	95.2	95.2	95.2	95.4	95.4	95.4	95.4
≥ 1200	93.5	94.2	94.6	94.8	95.2	95.2	95.2	95.6	95.6	95.8	95.8	95.8	96.0	96.0	96.0	96.0
≥ 1000	93.7	94.4	94.8	95.0	95.4	95.4	95.4	95.8	95.8	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 900	93.7	94.4	94.8	95.0	95.8	95.8	95.8	96.2	96.2	96.7	96.9	96.9	97.1	97.1	97.1	97.1
≥ 800	93.7	94.4	94.8	95.0	95.8	95.8	95.8	96.2	96.2	96.7	96.9	96.9	97.1	97.1	97.1	97.1
≥ 700	94.0	94.8	95.2	95.4	96.2	96.2	96.2	96.5	96.5	97.1	97.3	97.3	97.7	97.7	97.7	97.7
≥ 600	94.0	94.8	95.4	95.6	96.3	96.3	96.3	96.7	96.7	97.3	97.5	97.5	97.9	97.9	97.9	97.9
≥ 500	94.0	94.8	95.4	95.6	96.3	96.3	96.3	96.7	96.7	97.3	97.5	97.5	98.3	98.3	98.3	98.3
≥ 400	94.0	94.8	95.4	95.6	96.3	96.3	96.3	96.7	96.7	97.5	98.1	98.1	98.8	98.8	98.8	98.8
≥ 300	94.0	94.8	95.4	95.6	96.3	96.3	96.3	96.7	96.7	97.5	98.1	98.1	98.8	98.8	98.8	98.8
≥ 200	94.0	94.8	95.4	95.6	96.3	96.3	96.3	96.7	96.7	97.5	98.1	98.1	99.0	99.0	99.0	99.4
≥ 100	94.0	94.8	95.4	95.6	96.3	96.3	96.3	96.7	96.9	97.7	98.3	98.3	99.2	99.2	99.2	100.0
≥ 0	94.0	94.8	95.4	95.6	96.3	96.3	96.3	96.7	96.9	97.7	98.3	98.3	99.2	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 520

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

SPEEDILOG® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 68-75 (YEARS) JAN (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	77.0	77.3	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 20000	80.9	81.3	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
≥ 18000	82.4	82.8	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 16000	82.4	82.8	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 14000	84.4	84.8	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
≥ 12000	86.3	86.7	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 10000	88.7	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 9000	88.7	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 8000	88.7	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 7000	89.1	89.5	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
≥ 6000	89.1	89.5	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	90.2	90.6	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4500	90.2	90.6	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4000	91.0	91.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3500	91.4	91.8	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	91.8	92.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	92.2	92.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2000	92.6	93.0	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
≥ 1800	93.0	93.4	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
≥ 1500	93.0	93.4	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
≥ 1200	93.4	93.8	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	94.1	94.5	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	94.1	94.5	96.1	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	94.5	94.9	96.5	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	94.9	95.3	96.9	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	94.9	95.3	96.9	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	94.9	95.3	96.9	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400	94.9	95.3	96.9	97.3	97.7	97.7	97.7	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	94.9	95.3	96.9	97.3	97.7	97.7	97.7	97.7	97.7	97.7	98.0	98.0	98.4	98.4	98.4	98.4
≥ 200	94.9	95.3	96.9	97.3	97.7	97.7	97.7	97.7	97.7	97.7	98.0	98.0	98.4	98.4	98.4	98.4
≥ 100	94.9	95.3	96.9	97.3	97.7	97.7	97.7	97.7	97.7	97.7	98.0	98.0	98.4	98.4	98.8	100.0
0	94.9	95.3	96.9	97.3	97.7	97.7	97.7	97.7	97.7	97.7	98.0	98.0	98.4	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 256

SPEEDFLO® MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 71,73-75 YEARS | FEB 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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 20000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 18000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 16000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 14000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 12000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 10000	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	88.9
≥ 9000	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	88.9
≥ 8000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 7000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 6000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 5000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4500	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1500	91.7	91.7	91.7	91.7	91.7	91.7	91.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200	91.7	91.7	94.4	94.4	94.4	94.4	94.4	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	94.4	94.4	97.2	97.2	97.2	97.2	97.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	94.4	94.4	97.2	97.2	97.2	97.2	97.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	94.4	94.4	97.2	97.2	97.2	97.2	97.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	94.4	94.4	97.2	97.2	97.2	97.2	97.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	94.4	94.4	97.2	97.2	97.2	97.2	97.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	94.4	94.4	97.2	97.2	97.2	97.2	97.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.4	94.4	97.2	97.2	97.2	97.2	97.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.4	94.4	97.2	97.2	97.2	97.2	97.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.4	94.4	97.2	97.2	97.2	97.2	97.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.4	94.4	97.2	97.2	97.2	97.2	97.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.4	94.4	97.2	97.2	97.2	97.2	97.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 36

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

SPEEDILOG® MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-71,73-75 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 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	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 20000	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
≥ 18000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 16000	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 14000	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	76.0
≥ 12000	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
≥ 10000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 9000	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	81.0	81.0
≥ 8000	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	82.5	82.5	82.5
≥ 7000	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 6000	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 5000	84.4	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
≥ 4500	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4000	84.9	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
≥ 3500	86.0	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
≥ 3000	86.0	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
≥ 2500	86.2	86.7	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2000	86.9	87.4	87.5	87.7	88.1	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	87.2	87.7	88.1	88.2	88.6	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1500	87.7	88.4	88.8	88.9	89.4	89.5	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200	87.9	88.8	89.3	89.4	90.0	90.1	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1000	88.6	89.4	90.1	90.3	91.0	91.3	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.2	92.2
≥ 900	88.6	89.6	90.3	90.7	91.3	91.7	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.7	92.7
≥ 800	88.9	90.1	91.0	91.3	92.0	92.4	92.9	93.3	93.3	93.4	93.6	93.6	93.8	93.8	93.8	94.1
≥ 700	89.1	90.3	91.3	91.7	92.6	92.9	93.4	93.8	93.8	93.9	94.3	94.3	94.5	94.5	94.5	94.8
≥ 600	89.1	90.3	91.3	91.7	92.7	93.1	93.6	93.9	94.1	94.5	94.8	94.8	95.0	95.0	95.0	95.3
≥ 500	89.1	90.5	91.5	91.9	93.1	93.4	93.9	94.3	94.6	95.0	95.3	95.3	95.5	95.5	95.5	95.8
≥ 400	89.1	90.5	91.5	91.9	93.1	93.4	93.9	94.3	94.6	95.0	95.3	95.3	95.7	96.4	96.5	97.1
≥ 300	89.1	90.5	91.5	91.9	93.1	93.4	93.9	94.3	94.6	95.0	95.3	95.3	95.8	96.5	96.9	97.8
≥ 200	89.1	90.5	91.5	91.9	93.1	93.4	93.9	94.3	94.6	95.0	95.3	95.3	95.8	96.5	96.9	98.6
≥ 100	89.1	90.5	91.5	91.9	93.1	93.4	93.9	94.3	94.6	95.0	95.3	95.3	95.8	96.9	97.2	99.7
≥ 0	89.1	90.5	91.5	91.9	93.1	93.4	93.9	94.3	94.6	95.0	95.3	95.3	95.8	96.9	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 578

USAF ETAC FORM AWS 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SPERRY® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-71,73-75 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (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	66.4	66.7	66.8	67.0	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 20000	71.8	72.1	72.3	72.5	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 18000	72.9	72.8	72.9	73.1	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 16000	73.4	73.7	73.9	74.0	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 14000	76.1	76.4	76.5	76.7	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 12000	80.6	81.1	81.2	81.4	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 10000	82.0	82.6	82.8	82.9	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 9000	82.3	83.3	83.4	83.6	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 8000	82.9	83.9	84.0	84.2	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 7000	83.1	84.0	84.2	84.4	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 6000	84.2	85.1	85.3	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
≥ 5000	85.0	86.2	86.4	86.5	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4500	85.0	86.2	86.4	86.5	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4000	85.3	86.5	86.9	87.0	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3500	86.2	87.9	87.8	87.9	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000	86.7	88.1	88.4	88.6	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2500	87.2	88.6	89.0	89.2	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2000	87.9	89.4	89.8	90.0	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1800	88.1	89.7	90.5	90.8	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1500	88.4	90.1	90.9	91.1	91.2	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	88.4	90.5	91.4	91.5	91.9	92.2	92.3	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1000	88.7	90.8	92.2	92.3	93.0	93.3	93.4	93.6	93.6	93.6	93.9	93.9	94.2	94.2	94.2	94.2
≥ 900	88.7	90.8	92.2	92.5	93.1	93.4	93.6	93.7	93.7	93.7	94.1	94.1	94.4	94.4	94.4	94.4
≥ 800	88.7	90.8	92.2	92.5	93.3	93.6	93.9	94.1	94.1	94.1	94.4	94.4	94.8	94.8	94.8	94.8
≥ 700	88.9	91.1	92.5	93.0	93.7	94.1	94.5	95.0	95.5	95.5	95.9	95.9	96.4	96.4	96.4	96.4
≥ 600	89.0	91.2	92.6	93.1	93.9	94.2	94.7	95.3	95.8	95.9	96.7	96.7	97.2	97.2	97.2	97.2
≥ 500	89.0	91.4	93.0	93.4	94.2	94.5	95.3	95.9	96.6	97.2	98.1	98.1	98.7	98.9	98.9	98.9
≥ 400	89.0	91.4	93.0	93.4	94.4	94.7	95.5	96.1	96.7	97.3	98.2	98.2	99.1	99.5	99.7	99.7
≥ 300	89.0	91.4	93.0	93.4	94.4	94.7	95.5	96.1	96.7	97.3	98.3	98.3	99.1	99.5	99.7	99.7
≥ 200	89.0	91.4	93.0	93.4	94.4	94.7	95.5	96.1	96.7	97.3	98.3	98.3	99.1	99.5	99.8	99.8
≥ 100	89.0	91.4	93.0	93.4	94.4	94.7	95.5	96.1	96.7	97.3	98.3	98.3	99.1	99.5	100.0	100.0
≥ 0	89.0	91.4	93.0	93.4	94.4	94.7	95.5	96.1	96.7	97.3	98.3	98.3	99.1	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 639

SPEEDLOG MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-71,73-75 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.3	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 20000	67.9	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 18000	68.6	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 16000	69.7	70.2	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
≥ 14000	72.3	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 12000	78.0	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 10000	78.7	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	79.3	79.3
≥ 9000	79.2	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 8000	80.6	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 7000	81.1	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 6000	82.2	83.7	83.7	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 5000	85.1	86.9	86.9	87.0	87.0	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4500	86.2	88.0	88.0	88.1	88.1	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4000	87.5	89.4	89.4	89.6	89.6	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3500	88.0	90.1	90.1	90.2	90.2	90.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3000	88.9	91.2	91.2	91.3	91.3	91.3	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	89.7	92.1	92.1	92.3	92.3	92.3	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2000	90.2	92.6	92.6	92.9	92.9	92.9	93.6	93.6	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	90.2	92.6	92.6	92.9	92.9	92.9	93.6	93.6	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	90.2	92.8	92.9	93.3	93.3	93.3	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200	90.2	92.8	92.9	93.4	93.4	93.4	94.1	94.1	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1000	90.5	93.3	93.6	94.1	94.1	94.1	94.9	94.9	94.9	94.9	95.2	95.2	95.5	95.5	95.5	95.5
≥ 900	90.5	93.3	93.6	94.1	94.2	94.2	95.0	95.0	95.0	95.0	95.4	95.4	95.7	95.7	95.7	95.7
≥ 800	90.7	93.4	93.6	94.6	95.4	95.5	96.3	96.3	96.3	96.3	96.8	96.8	97.3	97.3	97.3	97.3
≥ 700	91.0	93.8	94.1	94.9	95.7	95.8	97.0	97.0	97.0	97.3	97.9	97.9	98.4	98.4	98.4	98.4
≥ 600	91.3	94.1	94.4	95.2	96.0	96.2	97.3	97.3	97.3	97.6	98.2	98.2	98.7	98.7	98.7	98.7
≥ 500	91.3	94.1	94.4	95.2	96.0	96.2	97.4	97.4	97.4	97.8	98.7	98.7	99.5	99.5	99.5	99.5
≥ 400	91.3	94.1	94.4	95.2	96.0	96.2	97.4	97.4	97.4	97.8	98.7	98.7	99.5	99.7	99.7	99.7
≥ 300	91.3	94.1	94.4	95.2	96.0	96.2	97.4	97.4	97.4	97.8	98.7	98.7	99.5	99.7	99.7	100.0
≥ 200	91.3	94.1	94.4	95.2	96.0	96.2	97.4	97.4	97.4	97.8	98.7	98.7	99.5	99.7	99.7	100.0
≥ 100	91.3	94.1	94.4	95.2	96.0	96.2	97.4	97.4	97.4	97.8	98.7	98.7	99.5	99.7	99.7	100.0
≥ 0	91.3	94.1	94.4	95.2	96.0	96.2	97.4	97.4	97.4	97.8	98.7	98.7	99.5	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 624

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

SPEEDFORM © BOOKS BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-71,73-75 (YEARS) FEB (MONTH)

1500-1700 (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 20000	65.8	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
≥ 18000	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 16000	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 14000	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
≥ 12000	75.7	76.0	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
≥ 10000	76.4	76.7	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
≥ 9000	76.7	77.2	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 8000	77.7	78.2	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 7000	79.3	79.8	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 6000	81.0	81.5	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 5000	82.3	83.0	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4500	83.5	84.0	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4000	85.6	86.1	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3500	86.0	86.5	87.9	87.9	87.9	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3000	87.1	88.3	89.4	89.4	89.4	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2500	87.4	88.6	89.8	89.8	89.8	89.9	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2000	87.4	88.6	89.8	89.8	89.8	89.9	90.4	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800	87.4	88.6	89.8	89.8	89.8	89.9	90.4	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1500	87.9	89.1	90.7	91.1	91.7	91.9	92.4	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	88.6	90.1	91.7	92.1	92.7	93.1	93.6	93.9	93.9	94.0	94.0	94.0	94.4	94.4	94.4	94.4
≥ 1000	88.6	90.2	91.9	92.2	93.4	93.7	94.3	94.9	94.9	95.2	95.2	95.2	95.9	95.9	95.9	95.9
≥ 900	88.6	90.6	92.2	92.6	93.7	94.0	94.9	95.7	95.7	96.2	96.4	96.4	97.0	97.0	97.0	97.0
≥ 800	88.8	90.7	92.4	92.7	94.0	94.4	95.7	96.5	96.5	97.5	97.7	97.7	98.3	98.3	98.3	98.3
≥ 700	88.8	90.7	92.4	92.7	94.0	94.4	95.7	96.5	96.7	97.9	98.0	98.0	98.8	98.8	98.8	98.8
≥ 600	88.9	90.9	92.6	92.9	94.4	94.7	96.0	96.9	97.0	98.3	98.5	98.5	99.3	99.3	99.3	99.3
≥ 500	88.9	90.9	92.6	92.9	94.4	94.7	96.0	96.9	97.0	98.3	98.4	98.8	100.0	100.0	100.0	100.0
≥ 400	88.9	90.9	92.6	92.9	94.4	94.7	96.0	96.9	97.0	98.3	98.8	98.8	100.0	100.0	100.0	100.0
≥ 300	88.9	90.9	92.6	92.9	94.4	94.7	96.0	96.9	97.0	98.3	98.8	98.8	100.0	100.0	100.0	100.0
≥ 200	88.9	90.9	92.6	92.9	94.4	94.7	96.0	96.9	97.0	98.3	98.8	98.8	100.0	100.0	100.0	100.0
≥ 100	88.9	90.9	92.6	92.9	94.4	94.7	96.0	96.9	97.0	98.3	98.8	98.8	100.0	100.0	100.0	100.0
0	88.9	90.9	92.6	92.9	94.4	94.7	96.0	96.9	97.0	98.3	98.8	98.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 605

USAF ETAC FORM AF 54 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SPEEDYFORM MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 68-71,73-75 (YEARS) FEB (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	67.4	62.4	62.4	62.4	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 20000	68.1	68.1	68.1	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 18000	68.3	68.3	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 16000	68.5	68.5	68.5	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 14000	70.3	70.3	70.3	70.3	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	74.5	74.7	74.9	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 10000	76.0	76.2	76.6	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 9000	76.2	76.4	76.8	77.0	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 8000	76.8	77.0	77.6	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 7000	78.6	79.0	79.6	79.8	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 6000	80.2	80.6	81.2	81.4	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 5000	80.2	80.6	81.2	81.4	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4500	80.4	80.8	81.4	81.6	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4000	81.0	81.4	82.0	82.2	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3500	83.0	83.4	84.6	84.8	85.5	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3000	84.4	85.1	86.5	86.7	87.3	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2500	85.5	86.1	87.5	87.7	88.3	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2000	85.9	86.9	88.7	88.9	89.5	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1800	85.9	87.1	89.1	89.3	90.1	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1500	86.9	88.5	91.1	91.7	92.5	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	87.1	88.7	91.3	91.9	92.7	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1000	87.1	89.1	91.9	92.7	94.9	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	87.1	89.3	92.3	93.1	95.4	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	87.1	89.3	92.3	93.1	95.4	95.6	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	87.1	89.7	92.7	93.5	96.0	96.2	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	87.7	90.3	93.3	94.1	96.6	96.8	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6
≥ 500	87.7	90.3	93.3	94.1	96.6	96.8	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.4	98.6	98.6
≥ 400	87.7	90.5	93.5	94.7	97.2	97.4	98.2	98.4	98.6	98.6	98.6	98.6	98.6	99.0	99.2	99.2
≥ 300	87.7	90.5	93.5	94.7	97.2	97.4	98.2	98.6	98.6	98.6	98.6	98.6	98.6	99.2	99.4	99.4
≥ 200	87.7	90.5	93.5	94.7	97.2	97.4	98.2	98.6	98.6	98.6	98.6	98.6	98.8	99.2	99.4	99.4
≥ 100	87.7	90.5	93.5	94.7	97.2	97.4	98.2	98.6	98.6	98.6	98.6	98.6	98.8	99.4	99.6	99.6
≥ 0	87.7	90.5	93.5	94.7	97.2	97.4	98.2	98.6	98.6	98.6	98.6	98.6	98.8	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 495

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

SPEEDLOG MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON (STATION NAME) BUTTS AAF 68-71, 73-7? (YEARS) FEB (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	66.8	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 20000	72.9	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 18000	72.9	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 16000	72.9	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 14000	74.1	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 12000	74.9	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10000	76.1	76.9	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
≥ 9000	76.1	76.9	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
≥ 8000	76.1	76.9	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
≥ 7000	76.5	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
≥ 6000	77.7	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 5000	78.1	78.9	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
≥ 4500	78.9	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4000	79.4	80.2	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
≥ 3500	81.0	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3000	82.6	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2500	83.0	83.8	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
≥ 2000	83.4	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1800	83.4	84.2	84.6	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
≥ 1500	84.6	85.4	86.2	86.6	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1200	85.0	86.6	87.4	87.9	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1000	85.0	86.6	87.4	87.9	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 900	85.4	87.0	87.9	88.3	89.1	89.5	89.5	89.5	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 800	85.4	87.0	87.9	88.3	89.5	89.9	89.9	89.9	89.9	90.3	90.3	90.3	90.7	90.7	90.7	90.7
≥ 700	85.4	87.4	88.3	89.1	90.3	90.7	90.7	90.7	90.7	91.1	91.5	91.5	91.9	91.9	91.9	91.9
≥ 600	86.2	88.3	89.1	89.9	91.1	91.5	91.5	91.5	91.5	92.7	93.1	93.1	93.9	93.9	93.9	93.9
≥ 500	86.2	88.3	89.1	89.9	91.1	91.5	91.9	91.9	91.9	93.1	93.5	93.5	94.3	94.3	94.3	94.3
≥ 400	86.2	88.3	89.1	90.7	91.9	92.3	92.7	92.7	92.7	94.7	95.1	95.1	96.0	96.0	96.0	96.0
≥ 300	86.2	88.3	89.1	90.7	91.9	92.3	92.7	92.7	92.7	94.7	95.1	95.1	96.8	96.8	97.6	97.6
≥ 200	86.2	88.3	89.1	90.7	91.9	92.3	92.7	92.7	92.7	94.7	95.1	95.1	96.8	96.8	97.6	98.4
≥ 100	86.2	88.3	89.1	90.7	91.9	92.3	92.7	92.7	92.7	94.7	95.1	95.1	96.8	96.8	97.6	99.2
0	86.2	88.3	89.1	90.7	91.9	92.3	92.7	92.7	92.7	94.7	95.1	95.1	96.8	96.8	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 247

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

SPEEDIFORM® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 74-75 YEARS | MAR 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	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	60.8	60.8	62.2	62.2
≤ 20000	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	63.5	63.5	64.9	64.9
≥ 18000	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	63.5	63.5	64.9	64.9
≥ 16000	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	63.5	63.5	64.9	64.9
≥ 14000	62.2	62.2	62.2	62.2	62.3	62.2	62.2	62.2	62.2	62.2	62.2	62.2	63.5	63.5	64.9	64.9
≥ 12000	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	66.2	66.2	67.6	67.6
≥ 10000	64.9	64.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	67.6	67.6	68.9	68.9
≥ 9000	64.9	64.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	67.6	67.6	68.9	68.9
≥ 8000	64.9	64.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	67.6	67.6	68.9	68.9
≥ 7000	64.9	64.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	67.6	67.6	68.9	68.9
≥ 6000	66.2	66.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	68.9	68.9	70.3	70.3
≥ 5000	66.2	66.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	68.9	68.9	70.3	70.3
≥ 4500	66.2	66.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	68.9	68.9	70.3	70.3
≥ 4000	67.6	67.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	70.3	70.3	71.6	71.6
≥ 3500	67.6	67.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	70.3	70.3	71.6	71.6
≥ 3000	67.6	67.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	70.3	70.3	71.6	71.6
≥ 2500	67.6	67.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	70.3	70.3	71.6	71.6
≥ 2000	67.6	67.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	70.3	70.3	71.6	71.6
≥ 1800	67.6	67.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	70.3	70.3	71.6	71.6
≥ 1500	68.9	68.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	71.6	71.6	73.0	73.0
≥ 1200	71.6	71.6	73.0	73.0	73.0	73.0	73.0	74.3	74.3	74.3	74.3	74.3	75.7	77.0	78.4	78.4
≥ 1000	71.6	71.6	74.3	74.3	74.3	74.3	74.3	75.7	75.7	75.7	75.7	75.7	77.0	78.4	79.7	79.7
≥ 900	71.6	71.6	74.3	74.3	74.3	74.3	74.3	75.7	75.7	75.7	75.7	75.7	77.0	78.4	79.7	79.7
≥ 800	71.6	73.0	77.0	77.0	77.0	77.0	77.0	78.4	78.4	78.4	78.4	78.4	79.7	81.1	82.4	82.4
≥ 700	71.6	73.0	77.0	77.0	77.0	77.0	77.0	78.4	78.4	78.4	78.4	78.4	79.7	81.1	82.4	82.4
≥ 600	74.3	75.7	79.7	79.7	79.7	79.7	79.7	81.1	81.1	81.1	81.1	81.1	82.4	83.8	85.1	85.1
≥ 500	74.3	75.7	79.7	81.1	81.1	81.1	81.1	82.4	82.4	82.4	82.4	82.4	83.8	85.1	86.5	86.5
≥ 400	74.3	75.7	79.7	81.1	82.4	82.4	82.4	83.8	83.8	83.8	83.8	83.8	85.1	86.5	87.8	87.8
≥ 300	74.3	75.7	79.7	81.1	82.4	82.4	82.4	83.8	83.8	83.8	83.8	83.8	85.1	86.5	87.8	89.2
≥ 200	74.3	75.7	79.7	81.1	82.4	82.4	82.4	83.8	83.8	83.8	83.8	83.8	85.1	86.5	90.5	91.9
≥ 100	75.7	77.0	81.1	82.4	85.1	85.1	86.5	87.8	87.8	89.2	89.2	89.2	91.9	93.2	97.3	100.0
≥ 0	75.7	77.0	81.1	82.4	85.1	85.1	86.5	87.8	87.8	89.2	89.2	89.2	91.9	93.2	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 74

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

MOORE BUSINESS FORMS, INC. ©1964

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FURT CARSON CO/BUTTS AAF (STATION NAME) 07-71,73-75 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (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	57.8	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 20000	61.0	61.7	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 18000	61.4	62.1	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 16000	61.4	62.1	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 14000	63.8	64.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 12000	66.9	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.3	68.3	68.3
≥ 10000	68.9	69.9	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.5	70.5	70.5
≥ 9000	70.2	71.4	71.7	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1
≥ 8000	70.9	72.1	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.9	72.9	72.9
≥ 7000	71.7	72.9	73.2	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6
≥ 6000	72.7	73.9	74.2	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.7	74.7	74.7
≥ 5000	73.6	74.8	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.6
≥ 4500	74.6	75.0	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7
≥ 4000	74.7	76.2	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0
≥ 3500	75.3	76.8	77.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.8	77.8	77.8
≥ 3000	75.6	77.0	77.6	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.4	78.4	78.4
≥ 2500	75.9	77.5	78.1	78.4	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.3	79.3	79.3
≥ 2000	77.8	79.4	80.2	80.5	81.2	81.2	81.2	81.4	81.5	81.5	81.7	81.7	81.7	81.8	81.8	81.8
≥ 1800	77.8	79.4	80.2	80.5	81.2	81.2	81.2	81.4	81.5	81.7	81.8	81.8	81.8	82.0	82.0	82.0
≥ 1500	79.1	80.8	81.5	81.8	82.6	82.6	82.6	82.7	83.0	83.2	83.3	83.3	83.3	83.5	83.5	83.5
≥ 1200	79.6	81.2	82.1	82.4	83.2	83.2	83.3	83.5	83.9	84.2	84.5	84.6	84.6	84.8	84.8	84.8
≥ 1000	80.5	82.7	83.6	84.1	84.9	84.9	85.2	85.7	86.1	86.4	86.7	86.9	86.9	87.0	87.0	87.0
≥ 900	80.5	82.7	83.6	84.1	84.9	84.9	85.5	86.0	86.4	86.9	87.2	87.3	87.3	87.5	87.5	87.5
≥ 800	80.6	82.9	83.8	84.2	85.1	85.1	85.7	86.3	86.7	87.3	87.8	87.9	87.9	88.1	88.1	88.1
≥ 700	80.8	83.5	84.4	85.1	86.3	86.3	87.0	87.8	88.2	88.8	89.3	89.7	90.0	90.2	90.5	90.5
≥ 600	80.9	83.6	84.6	85.4	86.6	86.6	87.5	88.2	88.7	89.4	89.9	90.3	90.8	90.9	91.4	91.4
≥ 500	80.9	83.8	84.8	85.5	87.0	87.0	88.2	89.1	89.7	90.8	91.2	91.7	92.6	93.1	93.6	93.7
≥ 400	80.9	83.8	84.8	85.5	87.6	87.6	89.0	89.9	90.5	91.5	92.0	92.4	93.7	94.5	95.1	95.2
≥ 300	80.9	83.8	84.9	85.7	87.9	87.9	89.3	90.3	91.1	92.1	92.5	93.0	94.5	95.4	96.0	97.2
≥ 200	80.9	83.8	85.1	85.8	88.1	88.1	89.4	90.5	91.4	92.5	93.0	93.4	95.1	96.1	97.0	99.1
≥ 100	80.9	83.8	85.1	85.8	88.1	88.1	89.4	90.5	91.4	92.5	93.0	93.4	95.2	96.3	97.8	100.0
≥ 0	80.9	83.8	85.1	85.8	88.1	88.1	89.4	90.5	91.4	92.5	93.0	93.4	95.2	96.3	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 671

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

SPEEDIFLEX® MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-71,73-75 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (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	52.5	53.9	54.0	54.2	54.4	54.4	54.6	54.6	54.6	54.7	54.9	54.9	54.9	54.9	54.9	54.9
≥ 20000	56.6	58.0	58.3	58.4	58.7	58.7	58.8	58.8	58.8	59.0	59.1	59.1	59.1	59.1	59.1	59.1
≥ 18000	57.2	58.5	58.8	59.0	59.2	59.2	59.4	59.4	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.
≥ 16000	57.3	58.7	59.0	59.1	59.4	59.4	59.5	59.5	59.5	59.6	59.8	59.8	59.8	59.8	59.8	59.8
≥ 14000	60.5	61.8	62.1	62.2	62.5	62.5	62.7	62.7	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9
≥ 12000	64.7	66.1	66.3	66.5	66.8	66.8	66.9	66.9	66.9	67.0	67.2	67.2	67.2	67.2	67.2	67.2
≥ 10000	66.5	68.1	68.5	68.8	69.2	69.2	69.4	69.4	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6
≥ 9000	66.6	68.4	68.8	69.1	69.5	69.5	69.6	69.6	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9
≥ 8000	67.4	69.2	69.6	69.9	70.3	70.3	70.5	70.5	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.7
≥ 7000	68.0	69.8	70.2	70.5	70.9	70.9	71.0	71.0	71.0	71.1	71.3	71.3	71.3	71.3	71.3	71.3
≥ 6000	69.5	71.3	71.7	72.0	72.4	72.4	72.5	72.5	72.5	72.6	72.8	72.8	72.8	72.8	72.8	72.8
≥ 5000	71.1	72.9	73.3	73.7	74.1	74.1	74.3	74.3	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4500	72.1	73.9	74.3	74.7	75.1	75.1	75.2	75.2	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4000	73.1	75.1	75.5	75.9	76.3	76.3	76.5	76.5	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3500	73.2	75.2	75.6	76.1	76.5	76.5	76.6	76.6	76.6	76.7	76.9	76.9	76.9	76.9	76.9	76.9
≥ 3000	73.7	75.8	76.3	76.7	77.2	77.2	77.3	77.3	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6
≥ 2500	73.7	76.1	76.7	77.2	77.6	77.6	77.7	77.7	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2000	74.0	76.5	77.3	77.8	78.5	78.5	78.9	78.9	78.9	79.1	79.3	79.3	79.3	79.3	79.3	79.3
≥ 1800	74.0	76.6	77.4	78.0	78.7	78.7	79.1	79.1	79.1	79.3	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1500	74.4	77.3	78.4	78.9	79.6	79.6	80.0	80.2	80.3	80.6	80.8	80.8	81.0	81.0	81.0	81.0
≥ 1200	75.6	78.8	80.4	81.3	82.1	82.2	82.8	82.9	83.2	83.6	84.1	84.1	84.3	84.3	84.3	84.3
≥ 1000	76.7	80.4	82.4	83.4	84.3	84.4	85.4	85.5	85.8	86.3	87.0	87.0	87.1	87.1	87.1	87.1
≥ 900	77.3	81.1	83.2	84.3	85.4	85.5	86.9	87.0	87.4	88.0	88.6	88.8	88.9	89.1	89.1	89.1
≥ 800	77.8	81.8	83.9	85.0	86.0	86.2	87.6	87.8	88.2	88.9	89.8	90.0	90.2	90.3	90.3	90.3
≥ 700	77.8	81.8	84.0	85.6	87.4	87.6	89.3	90.2	90.6	91.2	92.2	92.5	92.6	92.7	92.9	92.9
≥ 600	78.0	81.9	84.1	86.0	88.0	88.1	89.9	90.7	91.2	92.1	93.2	93.4	93.6	94.0	94.1	94.3
≥ 500	78.1	82.1	84.3	86.2	88.4	88.5	90.4	91.5	92.1	93.2	94.4	94.7	95.2	95.3	95.5	96.0
≥ 400	78.1	82.1	84.3	86.2	88.6	88.8	90.7	91.8	92.3	93.4	94.7	94.9	96.3	96.4	96.9	97.8
≥ 300	78.1	82.1	84.3	86.3	88.8	88.9	90.8	92.1	92.6	93.7	95.1	95.3	96.9	97.1	97.8	99.0
≥ 200	78.1	82.1	84.3	86.3	88.8	88.9	90.8	92.1	92.6	93.7	95.1	95.3	96.9	97.1	97.8	100.0
≥ 100	78.1	82.1	84.3	86.3	88.8	88.9	90.8	92.1	92.6	93.7	95.1	95.3	96.9	97.1	97.8	100.0
≥ 0	78.1	82.1	84.3	86.3	88.8	88.9	90.8	92.1	92.6	93.7	95.1	95.3	96.9	97.1	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 731

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

SPEEDI-LOG® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FURT CARSON CO/BUTTS AAF (STATION NAME) 67-71,73-75 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (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	50.9	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 20000	50.2	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV ≥ 18000	50.2	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV ≥ 16000	50.3	57.0	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
IV ≥ 14000	59.0	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
IV ≥ 12000	63.3	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV ≥ 10000	66.5	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV ≥ 9000	66.9	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV ≥ 8000	67.6	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV ≥ 7000	69.9	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV ≥ 6000	73.9	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV ≥ 5000	75.0	75.9	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
IV ≥ 4500	76.2	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
IV ≥ 4000	76.7	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV ≥ 3500	78.0	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
IV ≥ 3000	79.1	80.5	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
IV ≥ 2500	80.8	82.6	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV ≥ 2000	80.9	82.7	83.3	83.5	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV ≥ 1800	80.9	82.7	83.3	83.7	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV ≥ 1500	81.3	83.4	84.4	85.1	85.5	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV ≥ 1200	82.7	85.2	86.5	87.6	88.3	88.4	88.6	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0
IV ≥ 1000	83.7	86.6	88.1	89.4	90.2	90.5	90.9	91.1	91.4	91.8	92.2	92.3	92.6	92.6	92.6	92.6
IV ≥ 900	83.7	86.6	88.1	89.4	91.1	91.4	91.9	92.3	92.7	93.3	93.7	93.9	94.3	94.3	94.3	94.3
IV ≥ 800	84.2	87.2	88.7	90.0	91.8	92.1	92.6	93.0	93.4	94.1	94.6	94.7	95.3	95.3	95.3	95.3
IV ≥ 700	84.2	87.2	88.7	90.0	92.1	92.3	93.0	93.6	94.0	95.0	95.4	95.7	96.2	96.2	96.2	96.2
IV ≥ 600	84.2	87.3	88.8	90.1	92.3	92.6	93.4	94.0	94.6	96.1	96.7	96.9	97.5	97.5	97.6	97.6
IV ≥ 500	84.2	87.3	88.8	90.2	92.5	92.7	93.6	94.1	94.7	96.2	96.9	97.2	97.8	97.8	97.9	98.0
IV ≥ 400	84.4	87.4	89.0	90.4	92.7	93.0	93.9	94.4	95.0	96.5	97.4	97.6	98.6	98.7	98.9	99.0
IV ≥ 300	84.4	87.4	89.0	90.4	92.7	93.0	93.9	94.4	95.0	96.5	97.4	97.6	98.6	99.0	99.2	99.3
IV ≥ 200	84.4	87.4	89.0	90.4	92.7	93.0	93.9	94.4	95.0	96.7	97.6	97.9	98.9	99.4	99.6	100.0
IV ≥ 100	84.4	87.4	89.0	90.4	92.7	93.0	93.9	94.4	95.0	96.7	97.6	97.9	98.9	99.4	99.6	100.0
IV 0	84.4	87.4	89.0	90.4	92.7	93.0	93.9	94.4	95.0	96.7	97.6	97.9	98.9	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 717

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FOR ETE

SPEEDIFILO® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FURT CARSON CO/BUTTS AAF (STATION NAME) 67-71,73-75 (YEARS) MAR (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	≥ ⅜	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 20000	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV IV 18000	52.6	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
IV IV 16000	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IV IV 14000	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV IV 12000	60.6	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
IV IV 10000	64.2	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
IV IV 9000	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV IV 8000	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV IV 7000	68.3	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV IV 6000	73.8	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV IV 5000	76.0	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV IV 4500	78.2	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV IV 4000	80.1	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	80.6
IV IV 3500	80.4	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV IV 3000	81.8	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	82.8
IV IV 2500	83.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV IV 2000	84.3	85.8	86.2	86.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV IV 1800	84.5	86.2	86.7	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV IV 1500	85.3	87.2	87.8	88.0	88.4	88.7	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV IV 1200	85.9	88.3	88.9	89.1	89.9	90.2	90.9	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3
IV IV 1000	86.5	89.0	89.6	90.0	90.9	91.2	92.1	92.2	92.5	92.8	93.0	93.0	93.1	93.1	93.1	93.1
IV IV 900	86.7	89.3	89.9	90.6	91.6	91.9	92.8	93.1	93.4	93.8	94.0	94.0	94.3	94.3	94.3	94.3
IV IV 800	86.8	89.4	90.2	90.9	92.4	92.7	93.7	94.0	94.4	95.0	95.5	95.5	96.0	96.0	96.0	96.3
IV IV 700	87.0	89.6	90.5	91.3	92.8	93.3	94.3	94.6	95.0	95.6	96.0	96.0	96.8	96.8	96.9	97.2
IV IV 600	87.2	89.9	90.8	91.6	93.1	93.7	94.9	95.2	95.6	96.3	96.9	97.1	97.8	97.9	98.1	98.4
IV IV 500	87.2	89.9	90.8	91.8	93.3	93.8	95.2	95.5	95.9	96.6	97.4	97.8	98.8	99.0	99.1	99.4
IV IV 400	87.2	89.9	90.8	91.8	93.3	93.8	95.2	95.5	95.9	96.6	97.4	97.8	98.8	99.0	99.1	99.6
IV IV 300	87.2	89.9	90.8	91.8	93.3	93.8	95.2	95.5	95.9	96.6	97.4	97.8	98.8	99.0	99.1	99.7
IV IV 200	87.2	89.9	90.8	91.8	93.3	93.8	95.2	95.5	95.9	96.6	97.4	97.8	98.8	99.0	99.4	100.0
IV IV 100	87.2	89.9	90.8	91.8	93.3	93.8	95.2	95.5	95.9	96.6	97.4	97.8	98.8	99.0	99.4	100.0
IV IV 0	87.2	89.9	90.8	91.8	93.3	93.8	95.2	95.5	95.9	96.6	97.4	97.8	98.8	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 682

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

SPEEDFORM® MOORE BUSINESS FORMS INC. 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 68-71,73-75 YEARS | MAR 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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 20000	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	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	57.2	57.2
≥ 16000	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 14000	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 12000	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 10000	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 9000	65.9	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
≥ 8000	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
≥ 7000	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 6000	70.5	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 5000	74.1	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4500	75.7	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4000	78.1	78.4	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 3500	80.5	81.0	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3000	82.1	82.8	83.4	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2500	82.9	83.6	84.3	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2000	84.7	85.7	86.7	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
≥ 1800	84.7	85.7	86.9	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1500	85.7	86.7	88.1	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1200	86.4	87.4	89.0	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1000	87.4	88.4	90.0	90.5	90.7	90.9	91.0	91.0	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 900	88.4	89.7	91.2	91.7	91.9	92.1	92.2	92.2	92.6	92.9	92.9	92.9	93.1	93.1	93.1	93.1
≥ 800	89.8	91.0	92.6	93.1	93.3	93.4	93.6	93.8	94.1	94.7	94.7	94.7	95.0	95.5	95.5	95.9
≥ 700	90.0	91.2	92.8	93.4	93.6	93.8	94.0	94.1	94.5	95.0	95.0	95.2	95.5	96.0	96.0	96.4
≥ 600	90.2	91.4	93.4	94.3	94.5	94.7	94.8	95.0	95.3	96.2	96.2	96.4	96.7	97.4	97.4	97.8
≥ 500	90.3	91.9	94.0	95.0	95.2	95.3	95.5	95.7	96.0	96.9	97.1	97.2	97.8	98.4	98.4	98.8
≥ 400	90.5	92.1	94.1	95.2	95.3	95.7	95.9	96.0	96.4	97.2	97.4	97.6	98.1	98.8	98.8	99.1
≥ 300	90.5	92.1	94.1	95.2	95.3	95.7	95.9	96.0	96.4	97.4	97.6	97.8	98.3	99.0	99.0	99.3
≥ 200	90.5	92.1	94.1	95.2	95.3	95.7	95.9	96.0	96.4	97.6	97.8	97.9	98.4	99.1	99.1	99.5
≥ 100	90.5	92.1	94.1	95.2	95.3	95.7	95.9	96.0	96.4	97.6	97.8	97.9	98.4	99.1	99.1	100.0
0	90.5	92.1	94.1	95.2	95.3	95.7	95.9	96.0	96.4	97.6	97.8	97.9	98.4	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 560

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

SPEEDIFLO® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 68-71,73-75 YEARS | MAR 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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 20000	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 18000	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 16000	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 14000	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 12000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 10000	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 9000	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 8000	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 7000	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 6000	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 5000	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
≥ 4500	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4000	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3500	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3000	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
≥ 2500	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2000	83.3	83.3	83.7	83.7	83.7	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1800	84.1	84.1	84.5	84.9	84.9	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1500	84.9	84.9	85.3	85.7	85.7	86.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1200	86.0	86.0	86.4	87.2	87.2	87.6	88.0	88.0	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1000	86.8	86.8	87.2	88.0	88.0	88.4	89.1	89.5	89.5	90.3	90.3	90.3	90.3	90.7	90.7	90.7
≥ 900	87.2	87.2	87.6	88.4	88.4	88.8	89.5	89.9	89.9	91.1	91.1	91.1	91.1	91.5	91.5	91.5
≥ 800	87.6	87.6	88.0	88.8	88.8	89.1	90.3	90.7	91.1	92.2	92.6	92.4	92.6	93.4	93.4	93.4
≥ 700	88.0	88.0	88.4	89.1	89.1	89.5	90.7	91.5	91.9	93.0	93.4	93.4	93.4	94.2	94.2	94.2
≥ 600	88.4	88.4	88.8	89.9	89.9	90.3	91.5	92.2	92.6	93.8	94.2	94.2	94.2	95.0	95.0	95.0
≥ 500	88.8	89.1	89.5	90.7	90.7	91.1	92.2	93.0	93.4	94.6	95.0	95.0	95.0	95.7	95.7	95.7
≥ 400	89.5	90.3	90.7	91.9	91.9	92.2	93.4	94.2	94.6	95.7	96.1	96.1	96.1	96.9	96.9	96.9
≥ 300	89.5	90.3	90.7	91.9	91.9	92.2	93.4	94.2	94.6	96.1	96.5	96.5	96.5	97.7	97.7	97.7
≥ 200	89.9	90.7	91.1	92.2	92.2	92.6	93.8	94.6	95.0	96.9	97.3	97.3	97.3	98.4	98.4	99.2
≥ 100	89.9	90.7	91.1	92.2	92.2	92.6	93.8	94.6	95.0	97.3	97.7	97.7	97.7	98.8	99.2	100.0
0	89.9	90.7	91.1	92.2	92.2	92.6	93.8	94.6	95.0	97.3	97.7	97.7	97.7	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 258

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

SPEEDIGRAF® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 70-75 (YEARS) APR (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 20000	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 18000	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 16000	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 14000	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 12000	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 10000	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
≥ 9000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 8000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 7000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 6000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 5000	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	81.1
≥ 4500	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	81.1
≥ 4000	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3500	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2500	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	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	86.5
≥ 1500	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	86.5
≥ 1200	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	86.5
≥ 1000	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 900	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 800	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 700	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 600	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 500	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	89.2	89.2	89.2	89.2	89.2	90.5	90.5	90.5
≥ 400	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	89.2	89.2	89.2	89.2	89.2	90.5	90.5	90.5
≥ 300	87.8	89.2	89.2	89.2	90.5	90.5	90.5	90.5	91.9	91.9	91.9	91.9	91.9	93.2	93.2	93.2
≥ 200	87.8	89.2	89.2	89.2	90.5	90.5	90.5	90.5	91.9	93.2	93.2	93.2	93.2	94.6	94.6	94.6
≥ 100	87.8	89.2	89.2	89.2	90.5	90.5	90.5	90.5	91.9	94.6	94.6	94.6	95.9	97.3	97.3	97.3
0	87.8	89.2	89.2	89.2	90.5	90.5	90.5	90.5	91.9	94.6	94.6	94.6	95.9	97.3	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 74

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

SPEEDFLO® MOORE BUSINESS FORMS INC. 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FURT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (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	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 20000	67.2	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 18000	67.9	67.9	67.9	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
≥ 16000	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	68.2	68.2	68.2
≥ 14000	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 12000	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 10000	71.6	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 9000	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 8000	71.9	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 7000	72.2	72.2	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	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 5000	75.5	75.6	75.6	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
≥ 4500	75.6	75.7	75.7	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
≥ 4000	76.5	76.7	76.7	76.9	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3500	78.2	78.4	78.4	78.7	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3000	79.3	79.7	79.7	80.0	80.1	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 2500	80.7	81.1	81.1	81.6	81.8	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2000	81.7	82.7	82.8	83.4	83.7	84.0	84.3	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1800	81.8	82.0	83.0	83.5	83.8	84.1	84.4	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1500	83.1	84.1	84.3	84.8	85.1	85.4	85.7	86.0	86.1	86.2	86.2	86.2	86.4	86.4	86.4	86.4
≥ 1200	84.0	85.4	85.7	86.2	86.7	87.0	87.5	87.9	88.1	88.2	88.2	88.2	88.4	88.4	88.4	88.4
≥ 1000	84.8	86.5	87.0	87.7	88.5	88.9	89.8	90.2	90.5	90.6	90.6	90.6	90.9	90.9	90.9	90.9
≥ 900	85.0	86.8	87.4	88.1	88.9	89.4	90.2	90.9	91.2	91.3	91.3	91.5	91.8	91.8	91.8	91.8
≥ 800	85.4	87.2	87.8	88.5	89.8	90.2	91.1	91.8	92.1	92.2	92.2	92.3	92.6	92.6	92.6	92.8
≥ 700	85.5	87.4	87.9	88.7	90.2	90.8	91.8	92.5	92.8	92.9	92.9	93.0	93.3	93.3	93.5	93.5
≥ 600	85.5	87.5	88.2	88.9	90.6	91.2	92.2	92.9	93.2	93.5	93.5	93.6	94.0	94.0	94.2	94.2
≥ 500	85.7	87.8	88.5	89.5	91.2	91.9	92.9	93.6	93.9	94.5	94.5	94.6	95.5	95.9	96.2	96.2
≥ 400	86.0	88.1	88.8	90.1	91.9	92.5	93.5	94.2	94.5	95.2	95.2	95.3	96.0	97.3	97.6	97.6
≥ 300	86.0	88.1	88.9	90.4	92.2	92.8	93.8	94.5	94.8	95.5	95.5	95.6	96.9	98.0	98.3	98.3
≥ 200	86.0	88.1	88.9	90.4	92.2	92.8	93.8	94.5	94.8	96.0	96.0	96.2	97.4	98.6	98.9	99.1
≥ 100	86.0	88.1	88.9	90.4	92.2	92.8	93.8	94.5	94.8	96.0	96.0	96.2	97.4	98.6	98.9	99.7
≥ 0	86.0	88.1	88.9	90.4	92.2	92.8	93.8	94.5	94.8	96.0	96.0	96.2	97.4	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 705

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

SPEEDIFOOD MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 20000	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 18000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 16000	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
≥ 14000	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	70.1
≥ 12000	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 10000	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	75.2
≥ 9000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 8000	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 7000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 6000	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
≥ 5000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4500	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3500	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
≥ 3000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2500	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2000	90.4	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800	90.6	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1500	91.4	92.3	92.7	92.9	92.9	92.9	93.3	93.3	93.3	93.4	93.5	93.5	93.5	93.7	93.7	93.7
≥ 1200	91.8	92.9	93.3	93.4	93.4	93.4	93.8	93.8	93.8	93.9	94.1	94.1	94.1	94.2	94.2	94.2
≥ 1000	92.5	93.5	93.9	94.2	94.2	94.2	94.6	94.6	94.6	94.7	94.8	94.9	94.8	95.0	95.0	95.0
≥ 900	92.5	93.9	94.3	94.6	94.6	94.6	95.1	95.1	95.2	95.4	95.5	95.5	95.5	95.6	95.6	95.6
≥ 800	92.7	94.2	94.7	95.1	95.1	95.1	95.6	95.6	95.8	95.9	96.0	96.0	96.0	96.2	96.2	96.2
≥ 700	92.9	94.3	94.8	95.4	95.4	95.4	95.9	95.9	96.2	96.6	96.7	96.7	96.8	97.0	97.0	97.0
≥ 600	92.9	94.3	94.8	95.4	95.5	95.5	96.0	96.0	96.3	97.0	97.1	97.2	97.4	97.5	97.5	97.5
≥ 500	92.9	94.3	95.0	95.5	95.6	95.6	96.2	96.2	96.4	97.2	97.5	97.6	98.0	98 3	98.3	98.4
≥ 400	92.9	94.3	95.1	95.6	95.8	95.8	96.3	96.3	96.6	97.4	97.6	97.8	98.2	98.4	98.5	98.7
≥ 300	92.9	94.3	95.1	95.6	95.8	95.8	96.3	96.3	96.6	97.4	97.6	97.8	98.2	98.8	99.1	99.3
≥ 200	92.9	94.3	95.1	95.6	95.9	95.9	96.4	96.4	96.7	97.8	98.0	98.2	98.5	99.2	99.5	99.7
≥ 100	92.9	94.3	95.1	95.6	95.9	95.9	96.4	96.4	96.7	97.8	98.0	98.2	98.5	99.2	99.5	100.0
≥ 0	92.9	94.3	95.1	95.6	95.9	95.9	96.4	96.4	96.7	97.8	98.0	98.2	98.5	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 757

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) APR (MONTH)

1200-1400 (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	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 20000	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	52.7
≥ 18000	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 16000	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 14000	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 10000	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 9000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 8000	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 7000	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 6000	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 5000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 4500	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
≥ 4000	84.8	85.0	85.2	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3500	88.1	88.3	88.6	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.4	89.4	89.4	89.4
≥ 3000	90.4	90.8	91.1	91.3	91.5	91.5	91.7	91.7	91.7	91.8	91.8	91.9	92.1	92.1	92.1	92.1
≥ 2500	91.8	92.4	92.6	92.9	93.1	93.1	93.4	93.4	93.4	93.5	93.5	93.5	93.8	93.8	93.8	93.8
≥ 2000	92.5	93.0	93.3	93.5	94.0	94.2	94.4	94.4	94.4	94.6	94.6	94.6	94.8	94.8	94.8	94.8
≥ 1800	92.5	93.0	93.3	93.5	94.0	94.2	94.4	94.4	94.4	94.6	94.6	94.6	94.8	94.8	94.8	94.8
≥ 1500	92.6	93.1	93.4	93.7	94.2	94.3	94.6	94.6	94.6	94.7	94.7	94.7	94.9	94.9	94.9	94.9
≥ 1200	92.6	93.1	93.5	93.8	94.3	94.4	94.7	94.7	94.7	94.8	94.8	94.9	95.1	95.1	95.1	95.1
≥ 1000	92.6	93.1	93.8	94.0	94.6	94.7	94.9	94.9	94.9	95.1	95.1	95.1	95.3	95.3	95.3	95.3
≥ 900	92.6	93.4	94.0	94.3	94.8	94.9	95.5	95.5	95.5	95.7	95.7	95.7	96.0	96.0	96.0	96.0
≥ 800	92.7	93.5	94.4	94.7	95.3	95.5	96.0	96.1	96.2	96.6	96.6	96.6	96.9	96.9	96.9	96.9
≥ 700	92.7	93.7	94.7	94.9	95.6	95.7	96.2	96.4	96.5	97.2	97.2	97.2	97.5	97.5	97.5	97.5
≥ 600	92.7	93.7	94.7	94.9	95.6	95.7	96.2	96.4	96.5	97.2	97.2	97.3	97.7	97.7	97.7	97.7
≥ 500	92.7	93.7	94.8	95.1	95.7	95.9	96.5	96.9	97.3	97.9	97.9	98.1	98.4	98.4	98.4	98.4
≥ 400	92.7	93.7	94.8	95.1	95.7	95.9	96.5	96.9	97.4	98.2	98.2	98.3	99.4	99.6	99.6	99.6
≥ 300	92.7	93.7	94.8	95.1	95.7	95.9	96.5	96.9	97.4	98.2	98.2	98.3	99.4	99.6	99.6	99.6
≥ 200	92.7	93.7	94.8	95.1	95.7	95.9	96.8	97.2	97.7	98.6	99.0	99.2	99.7	100.0	100.0	100.0
≥ 100	92.7	93.7	94.8	95.1	95.7	95.9	96.8	97.2	97.7	98.6	99.0	99.2	99.7	100.0	100.0	100.0
≥ 0	92.7	93.7	94.8	95.1	95.7	95.9	96.8	97.2	97.7	98.6	99.0	99.2	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 772

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 20000	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 18000	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 16000	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
≥ 14000	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 12000	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 10000	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 9000	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	64.1
≥ 8000	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	65.7
≥ 7000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 5000	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4500	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4000	85.2	86.2	86.4	86.7	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3500	87.5	88.8	89.2	89.4	89.8	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2
≥ 3000	88.8	90.1	90.5	90.8	91.2	91.2	91.3	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6
≥ 2500	89.3	90.8	91.2	91.5	91.9	91.9	92.1	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4
≥ 2000	89.4	90.9	91.5	91.9	92.3	92.3	92.5	92.7	92.7	92.8	92.8	92.8	93.0	93.0	93.0	93.0
≥ 1800	89.4	90.9	91.5	91.9	92.3	92.3	92.5	92.7	92.7	92.8	92.8	92.8	93.0	93.0	93.0	93.0
≥ 1500	89.7	91.2	91.7	92.1	92.7	92.7	93.0	93.1	93.1	93.2	93.2	93.2	93.4	93.4	93.4	93.4
≥ 1200	89.8	91.5	92.1	92.5	93.2	93.4	93.9	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 1000	90.2	91.9	92.5	93.0	93.6	93.8	94.3	95.0	95.0	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 900	90.2	91.9	92.5	93.0	93.6	93.8	94.3	95.1	95.1	95.4	95.5	95.5	95.7	95.7	95.7	95.7
≥ 800	90.5	92.1	92.8	93.2	94.3	94.4	95.0	95.8	95.8	96.2	96.7	96.7	96.9	96.9	96.9	96.9
≥ 700	90.8	92.4	93.1	93.5	94.7	94.9	95.4	96.2	96.2	96.9	97.4	97.4	97.6	97.6	97.6	97.6
≥ 600	90.9	92.5	93.2	93.6	94.9	95.0	95.7	96.5	96.5	97.2	97.7	97.7	97.8	98.0	98.0	98.0
≥ 500	90.9	92.5	93.4	93.8	95.0	95.1	95.9	96.7	96.7	97.4	98.0	98.0	98.1	98.2	98.2	98.2
≥ 400	90.9	92.5	93.4	93.8	95.0	95.1	95.9	96.7	96.7	97.8	98.4	98.4	98.5	99.2	99.2	99.2
≥ 300	90.9	92.5	93.4	93.8	95.0	95.1	95.9	96.7	96.7	97.8	98.4	98.4	98.5	99.2	99.5	99.5
≥ 200	90.9	92.5	93.4	93.8	95.0	95.1	96.1	96.9	96.9	98.0	98.5	98.5	98.6	99.3	99.6	99.7
≥ 100	90.9	92.5	93.4	93.8	95.0	95.1	96.1	96.9	96.9	98.0	98.5	98.5	98.6	99.3	99.6	99.9
≥ 0	90.9	92.5	93.4	93.8	95.0	95.1	96.1	96.9	96.9	98.0	98.5	98.5	98.6	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 736

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SPEEDFLO® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 68-75 (YEARS) APR (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	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	54.0
≥ 20000	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	57.2	57.2
≥ 18000	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	57.2	57.2
≥ 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	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
≥ 12000	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
≥ 10000	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 9000	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 8000	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 7000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 6000	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	81.1
≥ 5000	82.8	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500	87.1	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0
≥ 4000	87.6	88.8	88.9	89.3	89.3	89.3	89.4	89.6	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3500	89.8	91.1	91.5	91.9	92.0	92.0	92.2	92.5	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3000	90.1	91.5	92.0	92.4	92.5	92.5	92.7	93.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3
≥ 500	90.4	92.2	92.7	93.0	93.2	93.2	93.3	93.7	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2000	90.7	92.5	93.0	93.3	93.5	93.5	93.7	94.0	94.0	94.3	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1800	90.7	92.5	93.0	93.3	93.5	93.5	93.7	94.0	94.0	94.3	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500	90.9	92.7	93.2	93.5	93.7	93.7	93.8	94.1	94.1	94.5	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	90.9	92.7	93.3	93.7	94.0	94.0	94.1	94.6	94.6	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	91.1	92.8	93.7	94.0	94.3	94.3	94.5	95.0	95.0	95.3	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	91.2	93.0	93.8	94.1	94.5	94.5	94.6	95.1	95.1	95.6	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800	91.5	93.3	94.1	94.5	94.8	94.8	95.0	95.4	95.4	95.9	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	92.0	93.8	94.6	95.0	95.3	95.3	95.4	95.9	95.9	96.4	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600	92.2	94.3	95.1	95.4	95.8	95.8	95.9	96.7	96.7	97.7	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	92.2	94.5	95.3	95.6	95.9	95.9	96.1	96.9	96.9	98.2	98.9	98.9	99.3	99.3	99.3	99.3
≥ 400	92.2	94.5	95.3	95.6	95.9	95.9	96.1	96.9	96.9	98.2	98.9	98.9	99.5	99.7	99.7	99.7
≥ 300	92.2	94.5	95.3	95.6	95.9	95.9	96.1	96.9	96.9	98.2	98.9	98.9	99.5	99.7	99.7	99.8
≥ 200	92.2	94.5	95.3	95.6	95.9	95.9	96.1	96.9	96.9	98.2	98.9	98.9	99.5	99.7	99.7	100.0
≥ 100	92.2	94.5	95.3	95.6	95.9	95.9	96.1	96.9	96.9	98.2	98.9	98.9	99.5	99.7	99.7	100.0
≥ 0	92.2	94.5	95.3	95.6	95.9	95.9	96.1	96.9	96.9	98.2	98.9	98.9	99.5	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 615

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

MOORE BUSINESS FORMS, INC. SPEEDFLO®

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MA

CEILING VERSUS VISIBILITY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 68-75 YEARS | APR 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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 20000	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 18000	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 16000	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 14000	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 12000	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 10000	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 9000	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 8000	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 7000	82.4	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
≥ 6000	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 5000	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4500	87.4	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	90.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3500	90.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	91.6	93.1	93.1	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2500	92.7	94.3	94.3	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95 3	95.0
≥ 2000	93.9	95.4	95.4	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1700	93.9	95.4	95.4	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	94.3	95.8	95.8	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	94.7	96.0	96.0	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	95.0	96.9	96.9	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	95.4	97.3	97.3	97.7	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	95.4	97.3	97.3	97.7	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	95.4	97.7	97.7	98.1	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	95.4	97.7	97.7	98.1	98.5	98.5	98.5	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	95.4	97.7	97.7	98.1	98.5	98.5	98.5	98.9	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	95.4	97.7	97.7	98.1	98.5	98.5	98.5	98.9	98.9	99.2	99.6	99.6	99.6	99.6	100.0	100.0
≥ 300	95.4	97.7	97.7	98.1	98.5	98.5	98.5	98.9	98.9	99.2	99.6	99.6	99.6	99.6	100.0	100.0
≥ 200	95.4	97.7	97.7	98.1	98.5	98.5	98.5	98.9	98.9	99.2	99.6	99.6	99.6	99.6	100.0	100.0
≥ 100	95.4	97.7	97.7	98.1	98.5	98.5	98.5	98.9	98.9	99.2	99.6	99.6	99.6	99.6	100.0	100.0
≥ 0	95.4	97 7	97.7	98.1	98.5	98.5	98.5	98.9	98.9	99.2	99.6	99.6	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 262

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

SPEEDHOLE® MOORE BUSINESS FORMS, INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67,70-71,73-75 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0100-0500 (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	63.5	63.5	63.5	63.5	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 20000	65.9	65.9	65.9	65.9	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 18000	65.9	65.9	65.9	65.9	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 16000	65.9	65.9	65.9	65.9	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	67.7	67.7	67.7	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 12000	70.1	70.1	70.1	70.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 10000	74.3	74.3	74.3	74.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 9000	74.3	74.3	74.3	74.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 8000	74.9	74.9	74.9	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 7000	75.4	76.0	76.0	76.0	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 6000	77.8	78.4	78.4	78.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 5000	79.0	79.6	79.6	79.6	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4500	79.0	79.6	79.6	79.6	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4000	82.6	83.2	83.2	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3500	82.6	83.2	83.2	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3000	86.8	87.4	87.4	87.4	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2500	87.4	88.0	88.0	88.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	89.2	90.4	90.4	90.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	89.2	90.4	90.4	90.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	89.8	91.6	91.6	91.6	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	91.0	92.8	93.4	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	91.6	93.4	94.6	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	92.2	94.0	95.8	95.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	92.2	94.0	95.8	95.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	92.2	94.0	95.8	95.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 600	92.2	94.0	95.8	95.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	92.2	94.0	95.8	95.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 400	92.2	94.0	95.8	95.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	92.2	94.0	96.4	96.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.4
≥ 200	92.2	94.0	96.4	96.4	98.8	98.8	98.8	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	100.0
≥ 100	92.2	94.0	96.4	96.4	98.8	98.8	98.8	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	100.0
≥ 0	92.2	94.0	96.4	96.4	98.8	98.8	98.8	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 167

SPEEDIFORM® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) MAY (MONTH)

0600-0800 (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.7	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 20000	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 18000	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 16000	66.8	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 14000	67.9	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
≥ 12000	71.2	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	71.7
≥ 10000	72.8	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
≥ 9000	72.8	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
≥ 8000	73.4	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	74.4	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 6000	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000	78.2	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4500	78.3	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 4000	80.4	81.2	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3500	81.6	82.4	82.7	82.8	82.8	82.9	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3000	83.6	84.6	85.1	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
≥ 2500	84.6	85.7	86.1	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
≥ 2000	85.2	87.0	87.4	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1800	85.5	87.4	87.9	88.3	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1500	86.5	88.8	89.4	90.0	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1200	87.1	89.5	90.3	90.9	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1000	88.8	91.5	92.4	93.0	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 900	89.1	92.1	93.0	93.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 800	89.7	92.7	93.7	94.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	90.0	93.1	94.3	95.4	96.6	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600	90.4	93.6	95.4	96.3	97.5	97.5	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500	90.4	93.7	95.5	96.4	97.6	97.6	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	90.4	93.9	95.7	96.6	97.9	97.9	98.4	98.8	99.0	99.0	99.0	99.6	99.6	99.6	99.6	99.6
≥ 300	90.4	94.0	95.8	96.7	98.1	98.1	98.5	99.0	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.9
≥ 200	90.4	94.0	95.8	96.7	98.1	98.1	98.5	99.0	99.1	99.1	99.7	99.7	99.7	99.7	99.7	100.0
≥ 100	90.4	94.0	95.8	96.7	98.1	98.1	98.5	99.0	99.1	99.1	99.7	99.7	99.7	99.7	99.7	100.0
≥ 0	90.4	94.0	95.8	96.7	98.1	98.1	98.5	99.0	99.1	99.1	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 669

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

SPEEDLOG® MOORE BUSINESS FORMS INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (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	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 20000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 18000	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 16000	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 14000	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 12000	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	71.7	71.7
≥ 10000	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
≥ 9000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 8000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 7000	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
≥ 6000	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 5000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 4500	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
≥ 4000	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3500	86.1	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3000	88.2	88.7	88.7	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
≥ 2500	90.4	91.2	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2000	92.0	92.8	93.3	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	92.6	93.5	94.1	94.2	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	93.4	94.4	95.2	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200	93.7	94.9	95.7	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	93.7	95.3	96.1	96.6	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900	93.8	95.5	96.3	96.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	93.9	95.7	96.6	97.0	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700	94.4	96.1	97.1	97.5	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	94.4	96.1	97.4	97.8	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	94.5	96.3	97.7	98.2	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	94.5	96.3	97.7	98.2	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	94.5	96.3	97.7	98.2	99.3	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.5	96.3	97.7	98.2	99.3	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.5	96.3	97.7	98.2	99.3	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.5	96.3	97.7	98.2	99.3	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 727

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

SPEEDIFOG® MOORE BUSINESS FORMS, INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (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	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 20000	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 18000	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 16000	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	47.6
≥ 14000	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 12000	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	52.7
≥ 10000	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
≥ 9000	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 8000	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
≥ 7000	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 6000	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	78.9
≥ 5000	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	84.4	84.4
≥ 4500	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4000	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3500	92.7	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3000	94.2	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
≥ 2500	95.2	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	97.2	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	97.4	98.3	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
≥ 1500	97.6	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 1200	97.7	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	98.8	98.8
≥ 1000	97.9	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 900	98.1	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥ 800	98.2	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 700	98.5	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 600	98.5	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 500	98.5	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 400	98.5	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 300	98.5	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 200	98.5	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	98.5	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	98.5	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 778

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

SPENCLO® MOORE BUSINESS FORMS INC. 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-71,73-75 (YEARS) MAY (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	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 20000	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 18000	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	39.0	39.0
≥ 16000	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 14000	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 12000	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 10000	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 9000	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 8000	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 7000	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 6000	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	79.2	79.2
≥ 5000	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
≥ 4500	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4000	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	91.4	91.4
≥ 3500	93.5	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3000	94.1	95.0	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	95.1	96.0	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000	96.1	97.3	97.9	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
≥ 1800	96.3	97.5	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	96.6	97.8	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	97.3	98.5	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	97.3	98.7	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	97.3	98.7	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	97.3	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.3	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.3	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.3	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.3	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.3	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.3	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.3	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	97.3	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 674

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

SPEEDIFLO® MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) MAY (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	≥ ⅝	≥ 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	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 18000	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 16000	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	47.7	47.7
≥ 14000	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 12000	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
≥ 10000	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
≥ 9000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 8000	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
≥ 7000	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 6000	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
≥ 5000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4500	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4000	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	91.4	91.4
≥ 3500	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000	94.5	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	94.5	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	95.9	96.7	97.3	97.3	97.5	97.5	97.6	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1800	96.0	96.8	97.5	97.5	97.6	97.6	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	96.7	97.5	98.1	98.1	98.3	98.3	98.4	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	96.7	97.5	98.1	98.3	98.4	98.4	98.6	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	96.7	97.5	98.1	98.3	98.6	98.6	98.7	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	96.7	97.5	98.1	98.3	98.6	98.6	98.7	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	96.8	97.6	98.3	98.4	98.7	98.7	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	96.8	97.6	98.3	98.4	98.7	98.7	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	96.8	97.6	98.3	98.4	98.7	98.7	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	97.0	97.8	98.4	98.7	99.0	99.0	99.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	97.0	97.8	98.4	98.7	99.0	99.0	99.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	97.0	97.8	98.4	98.7	99.0	99.0	99.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	97.0	97.8	98.4	98.7	99.0	99.0	99.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	97.0	97.8	98.4	98.7	99.0	99.0	99.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	97.0	97.8	98.4	98.7	99.0	99.0	99.2	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 631

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

SPEEDFLO® MOORE BUSINESS FORMS, INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 70-75 (YEARS) MAY (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 20000	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 18000	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 16000	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 14000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 12000	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
≥ 10000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 9000	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
≥ 8000	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 7000	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	87.7
≥ 6000	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 5000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4500	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	96.2	96.2
≥ 4000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3500	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3000	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	98.5	98.5
≥ 2500	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	98.5	98.5
≥ 2000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.2	99.2	99.2	100.0	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	99.2	99.2	99.2	100.0	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	99.2	99.2	99.2	100.0	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	99.2	99.2	99.2	100.0	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	99.2	99.2	99.2	100.0	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	99.2	99.2	99.2	100.0	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	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.2	99.2	99.2	100.0	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	99.2	99.2	99.2	100.0	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 130

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

SNAPSHOT® MOORE BUSINESS FORMS, INC. 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67,69-71,73-75 (YEARS) JUN (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.8	77.8	77.8	77.8
≥ 20000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	80.2	80.2	80.2	80.2
≥ 18000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	80.2	80.2	80.2	80.2
≥ 16000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	80.2	80.2	80.2	80.2
≥ 14000	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.4	81.4	81.4	81.4
≥ 12000	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.6	82.6	82.6	82.6
≥ 10000	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	85.0	85.0	85.0	85.0
≥ 9000	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	85.0	85.0	85.0	85.0
≥ 8000	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	85.0	85.0	85.0	85.0
≥ 7000	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.6	85.6	85.6	85.6
≥ 6000	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.6	88.6	88.6	88.6
≥ 5000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.6	91.6	91.6	91.6
≥ 4500	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.8	92.8	92.8	92.8
≥ 4000	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.4	93.4	93.4	93.4
≥ 3500	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.8	95.8	95.8	95.8
≥ 3000	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	97.0	97.0	97.0	97.0
≥ 2500	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.2	98.2	98.2	98.2
≥ 2000	97.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8
≥ 1800	97.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8
≥ 1500	97.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8
≥ 1200	97.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8
≥ 1000	97.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8
≥ 900	97.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8
≥ 800	97.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8
≥ 700	97.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8
≥ 600	97.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8
≥ 500	97.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8
≥ 400	97.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8
≥ 300	97.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8
≥ 200	97.0	98.2	98.2	98.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8	98.8	99.4	99.4	99.4	99.4
≥ 100	97.0	98.2	98.2	98.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8	98.8	99.4	99.4	100.0	100.0
0	97.0	98.2	98.2	98.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8	98.8	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 167

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SPEEDISO MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-71,73-75 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (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	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 20000	78.2	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	78.4
≥ 18000	78.2	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	78.4
≥ 16000	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 14000	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 12000	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 10000	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 9000	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 8000	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	83.8
≥ 7000	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	85.3	85.3
≥ 6000	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
≥ 5000	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 4500	88.7	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
≥ 4000	90.3	90.6	90.7	90.7	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3500	91.2	91.5	91.6	91.6	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	92.3	92.9	93.2	93.2	93.5	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	92.6	93.2	93.5	93.5	93.8	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000	93.5	94.4	94.7	94.7	95.0	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	93.7	94.6	94.8	94.8	95.1	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	93.8	94.7	95.1	95.1	95.4	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	94.1	95.0	95.4	95.4	95.7	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1000	94.1	95.0	95.4	95.4	95.9	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	94.1	95.0	95.4	95.4	95.9	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	94.4	95.3	95.7	95.9	96.3	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	94.6	95.4	96.0	96.2	96.6	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	94.6	95.6	96.2	96.5	96.9	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	94.6	95.6	96.2	96.5	96.9	97.5	97.8	97.8	97.8	97.9	98.1	98.1	98.2	98.2	98.2	98.2
≥ 400	94.6	95.7	96.5	96.8	97.2	97.8	98.1	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	94.6	95.7	96.6	96.9	97.5	98.1	98.4	98.4	98.4	98.5	98.7	98.7	99.0	99.3	99.3	99.3
≥ 200	94.6	95.7	96.6	96.9	97.5	98.1	98.4	98.4	98.4	98.7	98.8	98.8	99.3	99.6	99.7	99.7
≥ 100	94.6	95.7	96.6	96.9	97.5	98.1	98.4	98.4	98.4	98.7	98.8	98.8	99.3	99.6	100.0	100.0
≥ 0	94.6	95.7	96.6	96.9	97.5	98.1	98.4	98.4	98.4	98.7	98.8	98.8	99.3	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 679

SPEEDFLOW® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-71,73-75 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (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	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 20000	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	80.9
≥ 18000	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	80.9
≥ 16000	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
≥ 14000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 12000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 10000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 9000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 8000	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 7000	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
≥ 6000	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
≥ 5000	90.1	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
≥ 4500	90.2	90.5	90.5	90.5	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4000	91.5	91.8	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	91.9
≥ 3500	93.2	93.8	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	94.3	94.9	95.0	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	94.8	95.3	95.5	95.5	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000	95.5	96.2	96.3	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
≥ 1800	95.6	96.3	96.5	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	95.8	96.5	96.7	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	96.2	96.9	97.2	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	96.2	96.9	97.5	97.6	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	96.3	97.5	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	96.5	97.6	98.2	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	96.6	97.7	98.3	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	96.7	97.9	98.4	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
≥ 500	96.7	97.9	98.4	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	96.7	98.0	98.7	98.9	99.2	99.2	99.3	99.4	99.4	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 300	96.7	98.0	98.7	98.9	99.2	99.2	99.3	99.4	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	96.7	98.0	98.7	98.9	99.2	99.2	99.3	99.4	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	96.7	98.0	98.7	98.9	99.2	99.2	99.3	99.4	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	96.7	98.0	98.7	98.9	99.2	99.2	99.3	99.4	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 707

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

SPEEDSCO MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-71,73-75 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	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	56.3	56.3
≥ 20000	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 18000	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 16000	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 14000	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
≥ 12000	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 10000	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 9000	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
≥ 8000	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 7000	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 6000	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 5000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4500	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
≥ 4000	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
≥ 3500	96.0	96.0	96.0	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
≥ 3000	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	97.7	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	98.8	98.8	98.8	98.8	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	98.8	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	98.8	98.9	99.1	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
≥ 1000	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	98.9	99.1	99.3	99.3	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	98.9	99.1	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.9	99.1	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.9	99.1	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.9	99.1	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	98.9	99.1	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
0	98.9	99.1	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 751

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

SPEEDFLO® MOORE BUSINESS FORMS, INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-71,73-75 (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 20000	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 18000	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 16000	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
> 14000	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 12000	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 10000	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 9000	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
≥ 8000	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 7000	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	81.1
≥ 6000	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
≥ 5000	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4500	94.9	95.2	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 4000	95.9	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3500	96.3	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3000	97.6	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	98.0	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	98.2	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	98.2	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	98.2	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	98.2	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	98.2	98.9	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
≥ 900	98.2	98.9	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
≥ 800	98.2	98.9	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
≥ 700	98.2	98.9	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
≥ 600	98.2	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.2	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.2	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.2	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.2	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.2	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.2	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 709

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

SPEEDHOOD MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FURT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) JUN (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 20000	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 18000	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 16000	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
≥ 14000	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 12000	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 10000	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 9000	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
≥ 8000	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 7000	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 6000	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	94.3
≥ 5000	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4500	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	96.4	96.4
≥ 4000	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3500	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3000	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	98.5	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	98.5	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	98.5	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	98.5	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	98.5	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	98.7	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	98.7	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	98.7	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	98.7	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	98.7	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	98.7	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	98.7	98.9	99.5	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	98.7	98.9	99.5	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	98.7	98.9	99.5	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	98.7	98.9	99.5	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	98.7	98.9	99.5	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 618

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

SPEEDFLO® MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FURT CARSON CO/BUTTS AAF (STATION NAME) 70-71,73-75 (YEARS) JUN (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 20000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 18000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 16000	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 14000	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
≥ 12000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 10000	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	86.9
≥ 9000	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	86.9
≥ 8000	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	86.9
≥ 7000	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
≥ 6000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 5000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4500	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4000	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3500	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3000	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	98.5	98.5
≥ 2500	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	98.5	98.5
≥ 2000	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	98.5	98.5
≥ 1800	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	98.5	98.5
≥ 1500	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	98.5	98.5
≥ 1200	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	98.5	98.5
≥ 1000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	99.2	99.2	99.2	99.2	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	99.2	99.2	99.2	99.2	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	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	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 130

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

SPEEDFLO® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67,69-75 (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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 20000	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	75.2
≥ 18000	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	75.2
≥ 16000	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	75.2
≥ 14000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 12000	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	84.2
≥ 10000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 9000	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 8000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 7000	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 6000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 5000	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
≥ 4500	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4000	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500	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
≥ 3000	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
≥ 2500	92.6	92.6	92.6	92.6	92.6	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2000	92.6	92.6	92.6	92.6	92.6	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	93.1	93.1	93.1	93.6	93.6	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	94.1	94.1	94.1	94.6	94.6	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	94.1	94.1	94.1	94.6	94.6	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	94.6	94.6	94.6	95.0	95.0	95.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	94.6	94.6	94.6	95.0	95.0	95.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	94.6	94.6	94.6	95.0	95.0	95.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 700	94.6	94.6	94.6	95.0	95.0	95.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600	94.6	94.6	94.6	95.0	95.0	95.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	94.6	94.6	94.6	95.0	95.0	95.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 400	94.6	94.6	94.6	95.5	95.5	96.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 300	94.6	94.6	94.6	95.5	95.5	96.0	97.5	97.5	97.5	98.0	98.0	98.0	98.5	98.5	98.5	98.5
≥ 200	94.6	94.6	94.6	95.5	95.5	96.0	97.5	97.5	97.5	98.5	98.5	98.5	99.0	99.0	99.5	99.5
≥ 100	94.6	94.6	94.6	95.5	95.5	96.0	97.5	97.5	97.5	98.5	98.5	98.5	99.0	99.0	99.5	99.5
0	94.6	94.6	94.6	95.5	95.5	96.0	97.5	97.5	97.5	98.5	98.5	98.5	99.0	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 202

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

SPEEDYPRINT BOOKBINDERS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 STATION | FURT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 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	74.2	74.3	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
≥ 20000	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
≥ 18000	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
≥ 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	79.6	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 12000	84.7	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 10000	86.6	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 9000	87.6	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
≥ 8000	88.3	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 7000	88.7	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 6000	89.9	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 5000	90.5	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500	90.9	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000	91.1	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3500	91.8	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	91.9	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500	91.9	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	92.5	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1800	92.6	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	92.9	93.7	94.0	94.5	94.5	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	93.4	94.2	94.6	95.6	95.7	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	94.1	95.2	95.6	96.6	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 900	94.4	95.4	95.8	96.9	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	94.5	95.6	96.0	97.2	97.3	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	94.5	95.6	96.0	97.2	97.3	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	94.6	95.8	96.2	97.4	97.7	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	94.6	96.1	96.6	98.0	98.3	98.4	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	94.6	96.1	96.6	98.1	98.4	98.5	98.8	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	94.8	96.4	96.9	98.4	98.8	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	94.8	96.4	96.9	98.4	98.8	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 100	94.9	96.5	97.0	98.5	98.9	99.1	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	94.9	96.5	97.0	98.5	98.9	99.1	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

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

SPEEDILOG® MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (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	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
≥ 20000	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
≥ 18000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 14000	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
≥ 12000	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	85.1	85.1	85.1
≥ 10000	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 9000	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 8000	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	88.5	88.5
≥ 7000	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 6000	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	91.2	91.2	91.2
≥ 5000	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4500	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	93.3
≥ 4000	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3500	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3000	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	94.6
≥ 2500	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1800	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	95.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	96.9	97.7	97.7	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
≥ 900	96.9	97.7	97.7	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
≥ 800	96.9	97.9	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	97.4	98.4	98.5	98.7	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	97.5	98.7	98.9	99.1	99.4	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.5	98.7	98.9	99.1	99.4	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.5	98.7	98.9	99.1	99.4	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.5	98.7	98.9	99.1	99.4	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.5	98.7	98.9	99.1	99.4	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.5	98.7	98.9	99.1	99.4	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.5	98.7	98.9	99.1	99.4	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 794

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

SPERRY RAND BUSINESS SYSTEMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (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	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 20000	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 18000	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 16000	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 14000	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 12000	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
≥ 10000	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
≥ 9000	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 7000	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
≥ 6000	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 5000	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4500	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 4000	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3500	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3000	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2500	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	98.1	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	98.1	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	98.5	98.7	98.7	98.8	98.8	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	98.6	98.8	98.8	98.9	98.9	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	98.6	98.8	98.8	98.9	98.9	99.1	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	98.6	98.9	98.9	99.1	99.1	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	98.6	98.9	98.9	99.2	99.2	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	98.6	98.9	98.9	99.2	99.2	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	98.8	99.2	99.2	99.4	99.4	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.8	99.2	99.2	99.4	99.4	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.8	99.2	99.2	99.4	99.4	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.8	99.2	99.2	99.4	99.4	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.8	99.2	99.2	99.4	99.4	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.8	99.2	99.2	99.4	99.4	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.8	99.2	99.2	99.4	99.4	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 857

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

SPEEDIDATA MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
≥ 20000	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
≥ 18000	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
≥ 16000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 14000	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 12000	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 10000	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
≥ 9000	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 8000	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 7000	75.0	75.2	75.2	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 6000	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	88.8	88.8	88.8
≥ 5000	92.8	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4500	93.9	94.3	94.3	94.6	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4000	95.3	95.7	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3500	96.1	96.5	96.5	96.7	96.8	96.8	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3000	97.5	97.9	98.1	98.4	98.5	98.5	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500	97.6	98.0	98.2	98.5	98.6	98.6	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	97.6	98.2	98.5	98.9	99.0	99.0	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	97.6	98.2	98.5	98.9	99.0	99.0	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	97.6	98.2	98.5	98.9	99.0	99.0	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	97.6	98.2	98.5	98.9	99.0	99.0	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	97.6	98.2	98.5	98.9	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 900	97.6	98.2	98.5	98.9	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 800	97.6	98.2	98.5	98.9	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 700	97.6	98.2	98.5	98.9	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 600	97.6	98.2	98.5	98.9	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 500	97.6	98.2	98.5	98.9	99.1	99.1	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0
≥ 400	97.6	98.2	98.5	98.9	99.1	99.1	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0
≥ 300	97.6	98.2	98.5	98.9	99.1	99.1	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0
≥ 200	97.6	98.2	98.5	98.9	99.1	99.1	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0
≥ 100	97.6	98.2	98.5	98.9	99.1	99.1	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0
≥ 0	97.6	98.2	98.5	98.9	99.1	99.1	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 793

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SPEEDFLOW® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) JUL (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	≥ ⅝	≥ 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	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 18000	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 16000	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 14000	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 12000	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 10000	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 9000	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 8000	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 7000	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1
≥ 6000	88.6	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0
≥ 5000	94.7	95.0	95.3	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9
≥ 4500	95.6	95.9	96.2	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7
≥ 4000	96.3	97.0	97.3	97.6	97.7	97.7	98.0	98.0	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3
≥ 3500	96.7	97.4	97.7	98.0	98.2	98.2	98.4	98.4	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7
≥ 3000	96.9	97.7	98.0	98.3	98.4	98.4	98.7	98.7	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0
≥ 2500	96.9	97.9	98.2	98.4	98.6	98.6	98.9	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.
≥ 2000	97.0	98.2	98.4	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4
≥ 1800	97.0	98.2	98.4	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4
≥ 1500	97.0	98.2	98.4	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4
≥ 1200	97.3	98.4	98.7	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 1000	97.3	98.6	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9
≥ 900	97.3	98.6	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9
≥ 800	97.3	98.6	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9
≥ 700	97.3	98.6	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9
≥ 600	97.3	98.6	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9
≥ 500	97.3	98.6	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9
≥ 400	97.3	98.6	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9
≥ 300	97.3	98.6	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9
≥ 200	97.3	98.6	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9
≥ 100	97.3	98.6	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9
≥ 0	97.3	98.6	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 703

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 68-75 YEARS | JUL 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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 20000	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	52.7
≥ 18000	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	52.7
≥ 16000	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 14000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 12000	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 10000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 9000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 8000	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
≥ 7000	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 6000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 5000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4500	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 4000	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3500	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3000	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 200	98.2	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	99.4	99.4
≥ 100	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0
≥ 0	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 167

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-69 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 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	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 20000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 18000	50.0	50.0	50.0	50.0	50.0	50.	.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 16000	50.0	50.0	50.0	50.0	50.0	50.	3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 14000	50.0	50.0	50.0	50.0	50.0	50.0	.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 12000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 10000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 9000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 8000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 7000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 6000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 5000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 4500	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 4000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 3500	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 3000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 2500	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 2000	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	56.3	56.3
≥ 1800	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	56.3	56.3
≥ 1500	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 1200	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 1000	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 900	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 800	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 700	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 600	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 500	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	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 16

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

800 SERIES 855 FORMS INC. © 1965

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67,69-74 (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	66.8	67.3	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.7	69.2
≥ 20000	67.8	68.2	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.6	70.1
≥ 18000	67.8	68.2	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.6	70.1
≥ 16000	67.8	68.2	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.6	70.1
≥ 14000	68.2	68.7	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	70.1	70.6
≥ 12000	70.6	71.0	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	72.4	72.9
≥ 10000	71.5	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	73.4	73.8
≥ 9000	71.5	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	73.4	73.8
≥ 8000	72.0	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.8	74.3
≥ 7000	72.0	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.8	74.3
≥ 6000	73.8	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	75.7	76.2
≥ 5000	74.3	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	76.6	77.1
≥ 4500	75.7	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	78.0	78.5
≥ 4000	76.2	77.1	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	78.5	79.0
≥ 3500	77.1	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	79.4	79.9
≥ 3000	77.6	78.5	79.0	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	80.4	80.8
≥ 2500	79.9	80.8	81.3	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	82.7	83.2
≥ 2000	82.7	84.1	84.6	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	86.0	86.4
≥ 1800	82.7	84.1	84.6	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	86.0	86.4
≥ 1500	84.1	85.5	86.9	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	88.3	88.8
≥ 1200	84.1	85.5	86.9	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	88.3	88.8
≥ 1000	84.6	86.0	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.8	89.3
≥ 900	85.0	86.4	87.9	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	89.3	89.7
≥ 800	85.5	86.9	88.3	88.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.7	89.3	89.3	90.2	90.7
≥ 700	86.4	87.9	89.3	89.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	91.1	91.1	92.1	93.0
≥ 600	86.4	87.9	89.3	89.7	91.1	91.1	91.6	91.6	91.6	91.6	91.6	91.6	92.1	92.1	93.0	93.9
≥ 500	87.4	89.3	90.7	91.1	93.0	93.0	93.5	93.5	93.5	93.5	93.5	93.5	93.9	93.9	94.9	95.8
≥ 400	87.9	90.2	91.6	92.1	93.9	94.4	94.9	94.9	94.9	95.8	95.8	95.8	96.7	96.7	97.7	98.6
≥ 300	87.9	90.2	91.6	92.1	93.9	94.4	95.3	95.3	95.3	96.3	96.3	96.3	97.2	97.2	98.1	99.1
≥ 200	87.9	90.2	91.6	92.1	93.9	94.4	95.3	95.3	95.3	96.3	96.3	96.3	97.2	97.2	98.1	99.1
≥ 100	87.9	90.2	91.6	92.1	93.9	94.4	95.3	95.3	95.3	96.3	96.3	96.3	97.2	97.2	98.1	100.0
≥ 0	87.9	90.2	91.6	92.1	93.9	94.4	95.3	95.3	95.3	96.3	96.3	96.3	97.2	97.2	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 214

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 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	63.8	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.5	64.5	64.5
≥ 20000	65.7	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.4	66.4	66.4
≥ 18000	65.7	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.4	66.4	66.4
≥ 16000	65.3	66.2	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5
≥ 14000	66.8	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4
≥ 12000	69.2	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8
≥ 10000	70.8	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4
≥ 9000	70.9	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.6	71.6	71.6
≥ 8000	71.0	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7
≥ 7000	72.1	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8
≥ 6000	73.9	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5
≥ 5000	74.8	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.5	75.5	75.5
≥ 4500	75.1	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.9	75.9	75.9
≥ 4000	76.1	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9
≥ 3500	77.1	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.9	77.9	77.9
≥ 3000	77.9	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7
≥ 2500	78.8	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6
≥ 2000	81.1	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9
≥ 1800	81.6	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4
≥ 1500	82.6	83.1	83.2	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6
≥ 1200	83.8	84.5	84.6	84.6	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3	85.3	85.3
≥ 1000	84.0	84.7	85.1	85.1	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9
≥ 900	84.7	85.4	85.8	85.8	86.3	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.9	87.0	87.0	87.0
≥ 800	84.7	85.8	86.3	86.3	87.0	87.4	87.7	87.7	87.7	87.9	87.9	87.9	88.1	88.2	88.2	88.2
≥ 700	85.8	87.3	87.8	87.9	88.7	89.1	89.7	89.8	89.8	90.1	90.1	90.1	90.3	90.5	90.5	90.6
≥ 600	86.1	87.7	88.3	88.5	89.4	89.8	90.3	90.5	90.6	90.8	90.8	90.9	91.0	91.2	91.2	91.3
≥ 500	86.7	88.9	89.9	90.3	91.7	92.1	92.6	92.8	92.8	93.0	93.2	93.2	93.4	93.6	93.6	93.7
≥ 400	86.7	89.3	90.8	91.2	92.6	93.2	94.0	94.1	94.5	94.8	94.9	94.9	95.4	95.6	95.6	95.7
≥ 300	86.9	89.5	91.0	91.4	92.9	93.6	94.6	94.8	95.2	95.6	96.0	96.0	96.9	97.1	97.1	97.2
≥ 200	86.9	89.5	91.0	91.4	93.0	93.7	94.8	94.9	95.3	96.0	96.4	96.4	97.5	97.7	97.9	98.9
≥ 100	86.9	89.5	91.0	91.4	93.0	93.7	94.8	94.9	95.3	96.1	96.6	96.6	97.7	98.0	98.3	100.0
0	86.9	89.5	91.0	91.4	93.0	93.7	94.8	94.9	95.3	96.1	96.6	96.6	97.7	98.0	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 746

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

SPEEDILOG® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (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	68.9	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 20000	72.4	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 18000	72.4	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 16000	72.6	73.0	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
≥ 14000	74.4	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 12000	76.9	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 10000	77.8	78.0	78.1	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
≥ 9000	77.9	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 8000	77.9	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 7000	78.9	79.3	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
≥ 6000	80.2	80.7	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 5000	81.6	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4500	82.1	82.6	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
≥ 4000	83.0	83.5	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
≥ 3500	83.9	84.4	84.6	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
≥ 3000	85.0	85.5	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	85.9
≥ 2500	86.4	87.0	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2000	87.7	88.4	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1800	87.8	88.7	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1500	89.1	90.0	90.2	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	90.4	91.3	91.5	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1000	91.3	92.4	92.7	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	91.8	92.9	93.2	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 800	92.3	94.0	94.2	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 700	92.5	94.5	94.7	95.1	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	93.1	95.1	95.4	95.8	96.3	96.3	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	93.2	95.2	95.6	96.3	97.3	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 400	93.2	95.6	96.0	96.8	98.1	98.1	98.5	98.6	98.7	99.1	99.2	99.2	99.5	99.6	99.6	99.6
≥ 300	93.2	95.6	96.0	96.8	98.1	98.1	98.5	98.6	98.7	99.1	99.2	99.2	99.5	99.7	99.7	99.7
≥ 200	93.2	95.6	96.0	96.8	98.1	98.1	98.5	98.6	98.7	99.1	99.2	99.2	99.5	99.7	99.7	100.0
≥ 100	93.2	95.6	96.0	96.8	98.1	98.1	98.5	98.6	98.7	99.1	99.2	99.2	99.5	99.7	99.7	100.0
≥ 0	93.2	95.6	96.0	96.8	98.1	98.1	98.5	98.6	98.7	99.1	99.2	99.2	99.5	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 778

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

SPEEDFLO® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (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	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 20000	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	72.0
≥ 18000	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	72.0
≥ 16000	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 14000	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 12000	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
≥ 10000	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 9000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 8000	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 7000	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 6000	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 5000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4500	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3500	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	96.9	97.4	97.4	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	97.0	97.5	97.6	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
≥ 1000	97.5	98.2	98.3	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	97.6	98.4	98.6	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
≥ 800	97.8	98.6	98.7	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
≥ 700	97.8	98.6	98.7	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
≥ 600	97.8	98.7	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	97.8	98.7	98.8	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
≥ 400	97.8	98.7	98.8	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9
≥ 300	97.8	98.7	98.8	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9
≥ 200	97.8	98.7	98.8	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	100.0	100.0
≥ 100	97.8	98.7	98.8	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	100.0	100.0
≥ 0	97.8	98.7	98.8	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 763

SPERRY® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (YEARS) SEP (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	≥ ⅝	≥ 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	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 18000	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 16000	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 14000	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 12000	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 10000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 9000	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 8000	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 7000	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
≥ 6000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 5000	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
≥ 4500	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	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	95.9	95.9
≥ 2500	96.8	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	97.1	97.4	97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	97.1	97.4	97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	97.5	97.8	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	97.8	98.1	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	98.1	98.4	98.4	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	98.1	98.4	98.4	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	98.1	98.4	98.4	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	98.2	98.5	98.5	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	98.2	98.7	98.7	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.2	98.7	98.7	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	98.2	98.7	98.7	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 300	98.2	98.7	98.7	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0
≥ 200	98.2	98.7	98.7	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0
≥ 100	98.2	98.7	98.7	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0
≥ 0	98.2	98.7	98.7	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 685

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

SPEEDIFORM MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (YEARS) SEP (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 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	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
≥ 16000	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
≥ 14000	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 12000	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
≥ 10000	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	71.7	71.7
≥ 9000	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
≥ 8000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 7000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000	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	85.0
≥ 5000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4500	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4000	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3500	91.5	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000	92.8	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	93.1
≥ 2500	93.6	93.8	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
≥ 2000	95.4	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	95.8	96.0	96.0	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	96.5	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	97.1	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	97.3	97.8	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
≥ 900	97.6	98.2	98.2	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
≥ 800	97.6	98.2	98.2	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
≥ 700	98.1	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	99.0	99.0
≥ 600	98.1	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	99.0	99.0
≥ 500	98.1	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	99.2	99.2
≥ 400	98.1	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	99.4	99.4
≥ 300	98.1	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.5	99.5
≥ 200	98.1	98.7	98.9	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.8	99.8
≥ 100	98.1	98.7	98.9	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.8	99.8
≥ 0	98.1	98.7	98.9	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 626

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

SPEEDIFLO® MOORE BUSINESS FORMS INC. 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 69-74 (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 20000	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 18000	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 16000	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	72.6
≥ 14000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 12000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 10000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 9000	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 8000	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	79.0
≥ 7000	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	80.9
≥ 6000	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 5000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500	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	86.0
≥ 4000	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3500	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3000	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2000	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
≥ 1800	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
≥ 1500	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	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	96.2	96.2
≥ 800	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	96.2	96.2
≥ 700	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	97.5	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	99.4	99.4
≥ 400	97.5	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	99.4	99.4
≥ 300	97.5	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	99.4	99.4
≥ 200	97.5	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0
≥ 100	97.5	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0
≥ 0	97.5	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 157

SPEEDS OF MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67,69-74 (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 20000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 18000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 16000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 14000	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
≥ 12000	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 10000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 9000	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 8000	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	81.1
≥ 7000	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	81.1
≥ 6000	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	81.1
≥ 5000	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
≥ 4500	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4000	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000	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	85.8	85.8
≥ 2500	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2000	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
≥ 1800	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
≥ 1500	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
≥ 1200	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1000	89.9	90.5	90.5	90.5	90.5	90.5	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 900	89.9	90.5	90.5	90.5	91.1	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 800	91.1	91.7	92.3	92.3	92.9	92.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 700	91.1	91.7	92.3	92.3	93.5	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600	91.1	92.3	92.9	92.9	94.1	94.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 500	91.1	92.3	92.9	93.5	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 400	91.1	93.5	94.1	94.7	95.9	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 300	91.1	93.5	94.1	94.7	95.9	95.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 200	91.1	93.5	94.1	94.7	95.9	95.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.2	98.2	99.4
≥ 100	91.1	93.5	94.1	94.7	95.9	95.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.2	98.2	99.4
≥ 0	91.1	93.5	94.1	94.7	95.9	95.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.2	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 169

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

SPEEDFLO® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (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	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9
≥ 20000	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.8
≥ 18000	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
≥ 16000	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	69.3
≥ 14000	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2
≥ 12000	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.2
≥ 10000	77.5	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	78.0
≥ 9000	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.8
≥ 8000	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.7
≥ 7000	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.1
≥ 6000	81.2	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.7
≥ 5000	82.5	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.2
≥ 4500	83.4	83.5	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.3
≥ 4000	84.1	84.2	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.1
≥ 3500	84.6	84.8	85.3	85.3	85.5	85.5	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.9
≥ 3000	85.2	85.6	86.1	86.1	86.2	86.2	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.6
≥ 2500	86.4	87.0	87.7	87.7	87.8	87.8	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.2
≥ 2000	87.0	87.8	88.4	88.4	88.6	88.6	88.7	88.9	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.3
≥ 1800	87.1	87.9	88.6	88.6	88.7	88.7	88.9	89.1	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.5
≥ 1500	87.4	88.2	88.9	89.2	89.5	89.5	89.6	89.8	89.8	89.8	90.1	90.1	90.1	90.1	90.1	90.2
≥ 1200	87.9	88.7	89.6	89.8	90.1	90.1	90.2	90.5	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.9
≥ 1000	88.3	89.5	90.7	91.0	91.3	91.3	91.4	91.6	91.6	91.6	91.9	91.9	91.9	91.9	91.9	92.0
≥ 900	88.3	89.5	90.7	91.1	91.4	91.4	91.5	91.8	91.8	91.9	92.2	92.2	92.2	92.2	92.2	92.3
≥ 800	88.4	89.8	91.1	91.5	91.9	91.9	92.0	92.3	92.3	92.5	92.9	92.9	92.9	93.2	93.2	93.3
≥ 700	88.7	90.2	91.5	91.9	92.4	92.4	92.5	92.8	92.8	93.1	93.6	93.6	93.6	93.8	93.8	94.0
≥ 600	88.8	90.5	91.8	92.4	93.1	93.1	93.2	93.8	93.8	94.1	94.6	94.6	94.6	94.9	94.9	95.0
≥ 500	88.9	90.7	92.2	92.8	93.4	93.4	93.7	94.3	94.3	94.7	95.2	95.2	95.2	95.6	95.6	95.9
≥ 400	88.9	91.0	92.4	93.2	93.8	93.8	94.1	94.7	94.7	95.2	95.9	95.9	95.9	96.3	96.3	96.7
≥ 300	88.9	91.0	92.4	93.2	94.0	94.0	94.2	95.0	95.0	95.9	96.7	96.7	96.7	97.4	97.7	97.8
≥ 200	88.9	91.0	92.5	93.3	94.2	94.2	94.5	95.2	95.2	96.1	96.9	96.9	96.9	97.7	97.9	98.5
≥ 100	88.9	91.0	92.5	93.3	94.2	94.2	94.5	95.2	95.2	96.1	96.9	96.9	96.9	97.7	97.9	99.2
0	88.9	91.0	92.5	93.3	94.2	94.2	94.5	95.2	95.2	96.1	96.9	96.9	96.9	97.7	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 778

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

SPERRY-SUB MOORE BUSINESS FORMS INC. 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 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	63.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 20000	70.4	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 18000	70.6	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 16000	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
≥ 14000	72.7	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
≥ 12000	76.3	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 10000	77.7	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 9000	78.7	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 8000	80.0	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
≥ 7000	80.7	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	81.3
≥ 6000	82.2	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 5000	82.6	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4500	83.0	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	84.0
≥ 4000	83.8	84.5	84.8	84.8	84.8	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3500	84.7	85.4	85.8	85.8	85.8	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3000	84.8	85.6	85.9	85.9	85.9	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2500	85.3	86.0	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2000	86.5	87.2	87.6	87.6	87.6	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1
≥ 1800	86.6	87.4	87.7	87.7	87.7	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2
≥ 1500	87.5	88.2	88.8	88.9	88.9	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.5	89.5	89.5	89.5
≥ 1200	88.1	89.0	90.4	90.6	90.6	90.9	90.9	90.9	90.9	91.2	91.2	91.2	91.3	91.3	91.3	91.3
≥ 1000	88.2	89.9	91.6	91.8	92.1	92.3	92.4	92.5	92.5	92.9	93.0	93.0	93.1	93.1	93.1	93.1
≥ 900	88.2	90.0	91.7	92.1	92.3	92.5	92.7	92.8	92.8	93.1	93.3	93.3	93.4	93.4	93.4	93.4
≥ 800	88.3	90.4	92.1	92.8	93.0	93.4	93.5	93.6	93.6	94.0	94.1	94.1	94.2	94.2	94.2	94.2
≥ 700	88.7	90.9	92.5	93.3	93.5	93.9	94.3	94.5	94.5	94.8	94.9	94.9	95.1	95.3	95.3	95.3
≥ 600	88.8	91.0	92.7	93.6	93.9	94.2	94.7	94.8	94.8	95.2	95.3	95.3	95.4	95.7	95.7	95.7
≥ 500	88.8	91.3	93.0	94.0	94.3	94.7	95.3	95.4	95.4	96.0	96.1	96.1	96.3	96.8	96.8	96.8
≥ 400	89.0	91.9	93.9	94.8	95.2	95.5	96.4	96.5	96.5	97.2	97.5	97.5	97.6	98.1	98.1	98.1
≥ 300	89.0	91.9	93.9	94.8	95.2	95.5	96.4	96.5	96.5	97.2	97.5	97.5	97.6	98.2	98.2	98.4
≥ 200	89.0	91.9	93.9	94.8	95.2	95.5	96.4	96.5	96.5	97.2	97.5	97.5	97.6	98.3	98.4	98.7
≥ 100	89.0	91.9	93.9	94.8	95.2	95.5	96.4	96.5	96.5	97.2	97.5	97.5	97.6	98.3	98.4	100.0
≥ 0	89.0	91.9	93.9	94.8	95.2	95.5	96.4	96.5	96.5	97.2	97.5	97.5	97.6	98.3	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 831

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

SPEEDIFORM MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (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	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
≥ 20000	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	72.0
≥ 18000	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	72.6
≥ 16000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 14000	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
≥ 12000	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 10000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 9000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 8000	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
≥ 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	83.8	83.8
≥ 6000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 5000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4500	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	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	89.1
≥ 3000	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	89.6
≥ 2500	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2000	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1800	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	90.7	90.7
≥ 1500	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1200	92.3	92.7	93.1	93.4	93.4	93.4	93.4	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	92.6	93.1	93.5	94.0	94.1	94.1	94.1	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 900	92.8	93.4	93.9	94.4	94.5	94.6	94.6	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 800	93.2	94.0	94.5	95.1	95.5	95.6	95.7	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	93.2	94.1	94.7	95.5	95.9	96.0	96.1	96.1	96.2	96.4	96.4	96.4	96.4	96.5	96.5	96.5
≥ 600	93.2	94.2	95.0	95.7	96.1	96.2	96.3	96.5	96.6	96.7	96.7	96.7	96.7	96.9	96.9	96.9
≥ 500	93.2	94.2	95.0	95.7	96.2	96.4	96.9	96.9	97.0	97.2	97.2	97.2	97.4	97.5	97.5	97.5
≥ 400	93.2	94.2	95.0	95.7	96.2	96.4	96.9	97.0	97.1	97.5	97.5	97.5	97.7	98.1	98.2	98.2
≥ 300	93.2	94.2	95.0	95.7	96.2	96.4	96.9	97.0	97.1	97.5	97.5	97.6	98.2	98.6	98.7	98.7
≥ 200	93.2	94.2	95.0	95.7	96.2	96.4	96.9	97.0	97.1	97.5	97.5	97.6	98.4	98.7	98.9	99.2
≥ 100	93.2	94.2	95.0	95.7	96.2	96.4	96.9	97.0	97.1	97.5	97.5	97.6	98.4	98.7	99.2	100.0
≥ 0	93.2	94.2	95.0	95.7	96.2	96.4	96.9	97.0	97.1	97.5	97.5	97.6	98.4	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 797

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

SPEEDIFLO® MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (YEARS) OCT (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 20000	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 18000	67.8	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	67.9
≥ 16000	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 14000	71.2	71.2	71.2	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
≥ 12000	76.5	76.5	76.5	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
≥ 10000	78.7	78.7	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 9000	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 8000	79.4	79.4	79.4	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
≥ 7000	81.8	81.8	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
≥ 6000	84.9	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	85.2	85.2
≥ 5000	86.7	86.8	87.0	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
≥ 4500	87.2	87.4	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4000	88.3	88.5	88.8	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500	89.7	90.0	90.3	90.4	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3000	91.1	91.4	91.6	92.0	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2500	91.9	92.3	92.6	93.0	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	92.2	92.7	93.0	93.4	93.7	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	92.2	92.9	93.1	93.6	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	92.5	93.1	93.4	93.8	94.1	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200	92.7	93.6	93.8	94.2	94.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	92.9	94.0	94.2	94.7	95.1	95.2	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	92.9	94.1	94.7	95.2	95.6	95.7	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	92.9	94.2	94.9	95.5	95.9	96.0	96.3	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	92.9	94.2	94.9	95.5	95.9	96.0	96.3	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	92.9	94.2	94.9	95.5	95.9	96.2	96.4	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	93.0	94.7	95.3	95.9	96.6	96.8	97.1	97.3	97.3	97.7	97.8	97.8	97.8	97.9	97.9	97.9
≥ 400	93.1	94.8	95.5	96.0	96.7	97.0	97.3	97.5	97.5	98.4	98.5	98.5	98.8	99.0	99.0	99.0
≥ 300	93.1	94.8	95.5	96.0	96.7	97.0	97.3	97.5	97.5	98.4	98.5	98.5	98.9	99.2	99.3	99.3
≥ 200	93.1	94.8	95.5	96.0	96.7	97.0	97.3	97.5	97.5	98.5	98.6	98.6	99.0	99.3	99.5	99.7
≥ 100	93.1	94.8	95.5	96.0	96.7	97.0	97.3	97.5	97.5	98.5	98.6	98.6	99.0	99.3	99.5	100.0
≥ 0	93.1	94.8	95.5	96.0	96.7	97.0	97.3	97.5	97.5	98.5	98.6	98.6	99.0	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 729

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

SPEEDIDOO MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-74 YEARS | OCT 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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 20000	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
≥ 18000	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 16000	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	68.5
≥ 14000	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 12000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 10000	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
≥ 9000	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 8000	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 7000	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 6000	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	81.7
≥ 5000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4500	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3500	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3000	91.0	91.7	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
≥ 2500	92.8	93.6	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
≥ 2000	93.7	94.7	94.9	94.9	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	94.1	95.0	95.2	95.2	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500	94.1	95.0	95.3	95.3	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200	94.4	95.3	96.0	96.0	96.1	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	94.4	95.3	96.0	96.0	96.1	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	94.7	95.7	96.5	96.5	96.8	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	94.9	95.8	96.6	96.8	97.1	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	94.9	96.0	96.8	97.0	97.3	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	94.9	96.3	97.1	97.3	97.6	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500	94.9	96.3	97.1	97.3	97.6	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	94.9	96.3	97.3	97.4	97.8	97.8	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.4	98.4	98.6
≥ 300	94.9	96.3	97.3	97.4	97.8	97.8	97.9	98.1	98.1	98.1	98.2	98.2	98.4	98.6	98.6	98.7
≥ 200	94.9	96.5	97.4	97.6	97.9	97.9	98.1	98.2	98.2	98.2	98.4	98.4	98.7	99.0	99.0	99.4
≥ 100	94.9	96.5	97.4	97.6	97.9	97.9	98.1	98.2	98.2	98.2	98.4	98.4	98.7	99.0	99.4	100.0
0	94.9	96.5	97.4	97.6	97.9	97.9	98.1	98.2	98.2	98.2	98.4	98.4	98.7	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 623

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

SPEED-O-PRINT BUSINESS FORMS, INC. 22 DISTRIBUTED BY

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FURT CARSON CO/BUTTS AAF (STATION NAME) 67-74 (YEARS) OCT (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 20000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 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	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
≥ 14000	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 12000	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 10000	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 9000	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
≥ 8000	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 7000	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
≥ 6000	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
≥ 5000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4500	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4000	86.0	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
≥ 3500	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3000	90.4	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	91.0	92.1	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000	91.6	92.7	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
≥ 1800	91.6	92.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1500	92.7	93.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	92.7	93.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	93.3	94.4	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
≥ 900	93.3	94.4	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
≥ 800	93.3	94.4	96.6	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	93.3	94.4	96.6	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	93.3	94.4	96.6	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 500	93.3	94.4	96.6	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	93.3	94.4	96.6	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 300	93.3	94.4	96.6	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.8	97.8	97.8	97.8
≥ 200	93.3	94.4	96.6	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	98.3	98.3	98.9	98.9
≥ 100	93.3	94.4	96.6	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	98.3	98.3	98.9	98.9
0	93.3	94.4	96.6	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	98.3	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 178

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

SPEEDIFORM MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 71-72,74 (YEARS) NOV (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.0	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
≥ 20000	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 18000	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 16000	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 14000	70.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 12000	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10000	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 9000	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	90.0	100.0	100.0	100.0	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	90.0	100.0	100.0	100.0	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	90.0	100.0	100.0	100.0	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	90.0	100.0	100.0	100.0	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	90.0	100.0	100.0	100.0	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	90.0	100.0	100.0	100.0	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	90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.0	100.0	100.0	100.0	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	90.0	100.0	100.0	100.0	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 20

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

STEPHENS MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (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	65.9	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5
≥ 20000	71.4	71.5	71.5	71.8	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.3	72.3	72.8
≥ 18000	71.5	71.7	71.7	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.5	72.5	72.9
≥ 16000	71.8	72.0	72.0	72.3	72.3	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.8	72.8	73.2
≥ 14000	74.4	74.6	74.6	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.6
≥ 12000	79.5	79.8	79.8	80.1	80.1	80.1	80.1	80.2	80.2	80.4	80.4	80.4	80.4	80.7	80.7	81.1
≥ 10000	81.3	81.6	81.6	81.9	81.9	81.9	81.9	82.0	82.0	82.2	82.2	82.2	82.2	82.5	82.5	83.0
≥ 9000	81.3	81.6	81.6	81.9	81.9	81.9	81.9	82.0	82.0	82.2	82.2	82.2	82.2	82.5	82.5	83.0
≥ 8000	81.4	81.7	81.7	82.0	82.0	82.0	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.6	82.6	83.1
≥ 7000	81.9	82.2	82.3	82.6	82.6	82.6	82.6	82.8	82.8	83.0	83.0	83.0	83.0	83.3	83.3	83.7
≥ 6000	82.3	82.6	82.8	83.1	83.1	83.1	83.1	83.3	83.3	83.4	83.4	83.4	83.4	83.7	83.7	84.2
≥ 5000	83.1	83.4	83.6	84.0	84.0	84.0	84.0	84.2	84.2	84.3	84.3	84.3	84.3	84.6	84.6	85.1
≥ 4500	83.1	83.4	83.6	84.0	84.0	84.0	84.0	84.2	84.2	84.3	84.3	84.3	84.3	84.6	84.6	85.1
≥ 4000	84.2	84.6	84.9	85.4	85.4	85.4	85.4	85.5	85.5	85.7	85.7	85.7	85.7	86.0	86.0	86.5
≥ 3500	84.8	85.2	85.5	86.0	86.0	86.0	86.0	86.1	86.1	86.3	86.3	86.3	86.3	86.6	86.6	87.1
≥ 3000	85.7	86.3	86.6	87.1	87.1	87.1	87.1	87.2	87.2	87.4	87.4	87.4	87.4	87.7	87.7	88.1
≥ 2500	85.8	86.5	86.8	87.4	87.4	87.4	87.5	87.7	87.8	88.0	88.0	88.0	88.0	88.3	88.3	88.7
≥ 2000	86.5	87.4	87.8	88.4	88.4	88.4	88.6	88.9	89.0	89.2	89.2	89.2	89.2	89.5	89.5	90.0
≥ 1800	86.5	87.4	87.8	88.4	88.4	88.4	88.6	88.9	89.0	89.2	89.2	89.2	89.2	89.5	89.5	90.0
≥ 1500	87.2	88.1	88.6	89.2	89.2	89.2	89.3	89.6	89.8	90.0	90.0	90.0	90.0	90.3	90.3	90.7
≥ 1200	87.8	88.7	89.2	89.8	89.8	89.8	90.0	90.3	90.4	90.6	90.6	90.6	90.6	90.9	90.9	91.3
≥ 1000	87.8	88.7	89.2	89.8	89.8	89.8	90.1	90.4	90.6	90.7	90.7	90.7	90.7	91.0	91.0	91.5
≥ 900	88.1	89.0	89.5	90.1	90.3	90.3	90.6	90.9	91.0	91.2	91.2	91.2	91.2	91.5	91.5	91.9
≥ 800	88.4	89.6	90.1	90.7	90.9	90.9	91.2	91.5	91.6	91.8	91.8	91.8	91.8	92.1	92.1	92.5
≥ 700	88.4	90.0	90.4	91.3	91.5	91.5	92.1	92.4	92.5	92.7	92.7	92.7	92.7	93.0	93.0	93.6
≥ 600	88.6	90.1	90.6	91.5	91.9	91.9	92.5	92.9	93.0	93.2	93.2	93.2	93.2	93.5	93.6	94.5
≥ 500	88.6	90.1	90.6	91.5	91.9	91.9	93.0	93.3	93.5	93.6	93.6	93.6	93.6	94.1	94.2	95.1
≥ 400	88.7	90.3	90.7	91.6	92.2	92.2	93.5	93.8	93.9	94.1	94.1	94.1	94.1	94.8	95.3	96.2
≥ 300	88.7	90.3	90.7	91.6	92.5	92.5	93.8	94.1	94.2	94.5	94.7	94.7	95.0	95.6	96.0	97.7
≥ 200	88.7	90.3	90.7	91.6	92.5	92.5	93.8	94.1	94.2	94.5	94.7	94.7	95.0	95.6	96.2	98.3
≥ 100	88.7	90.3	90.7	91.6	92.5	92.5	93.8	94.1	94.2	94.5	94.7	94.7	95.1	95.7	96.5	99.4
≥ 0	88.7	90.3	90.7	91.6	92.5	92.5	93.8	94.1	94.2	94.5	94.7	94.7	95.1	95.7	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 657

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FURT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (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	63.2	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	63.6	63.6
≥ 20000	71.0	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	71.7
≥ 18000	71.8	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 16000	72.1	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 14000	76.4	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
≥ 12000	80.9	81.8	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 10000	81.8	82.7	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 9000	81.8	82.9	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 8000	81.8	82.9	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 7000	82.3	83.4	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 6000	82.9	83.9	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
≥ 5000	83.9	85.1	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
≥ 4500	84.3	85.5	85.7	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4000	84.7	85.8	86.1	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3500	85.1	86.2	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3000	86.2	87.4	87.7	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2500	86.5	87.7	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2000	86.8	89.2	88.4	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
≥ 1800	87.3	88.7	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1500	87.3	88.7	89.1	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1200	87.8	89.4	89.7	90.0	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1000	88.3	90.0	90.5	90.8	91.3	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 900	88.6	90.3	90.8	91.0	91.7	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 800	88.6	90.5	91.2	91.4	92.2	92.3	92.7	92.9	92.9	92.9	93.0	93.0	93.1	93.1	93.1	93.1
≥ 700	88.8	90.9	91.6	91.8	92.9	93.0	93.4	93.5	93.5	93.6	93.8	93.8	93.9	93.9	93.9	93.9
≥ 600	89.1	91.2	92.1	92.3	93.8	93.9	94.4	94.6	94.5	94.7	94.9	94.9	95.1	95.2	95.2	95.3
≥ 500	89.2	91.4	92.5	93.1	94.5	94.8	95.3	95.7	95.7	96.0	96.2	96.4	96.9	97.5	97.5	97.7
≥ 400	89.2	91.4	92.5	93.1	94.5	94.8	95.5	95.8	95.8	96.1	96.5	96.6	97.1	97.9	98.1	98.3
≥ 300	89.2	91.4	92.5	93.2	94.8	95.1	95.7	96.1	96.1	96.8	97.3	97.4	97.9	98.8	99.0	99.4
≥ 200	89.2	91.4	92.5	93.2	94.8	95.1	95.7	96.1	96.1	96.8	97.4	97.5	98.2	99.1	99.2	99.9
≥ 100	89.2	91.4	92.5	93.2	94.8	95.1	95.7	96.1	96.1	96.8	97.4	97.5	98.2	99.2	99.4	100.0
0	89.2	91.4	92.5	93.2	94.8	95.1	95.7	96.1	96.1	96.8	97.4	97.5	98.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 770

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

SPEEDLOG MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FURT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (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	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 20000	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 18000	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 16000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 14000	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
≥ 12000	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
≥ 10000	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 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	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 7000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 6000	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
≥ 5000	87.3	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
≥ 4500	87.3	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
≥ 4000	88.3	88.4	88.5	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
≥ 3500	88.8	88.9	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	89.2
≥ 3000	89.5	89.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2500	89.7	90.0	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	90.3	90.8	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1800	90.7	91.2	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	90.8	91.7	92.1	92.4	92.7	92.7	92.7	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200	91.1	92.3	92.7	93.2	93.5	93.6	93.6	93.7	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	91.6	92.9	93.5	94.1	94.4	94.7	94.7	94.8	94.8	94.8	95.1	95.1	95.2	95.2	95.2	95.2
≥ 900	91.7	93.2	93.7	94.5	95.1	95.3	95.3	95.5	95.5	95.6	95.9	95.9	96.0	96.0	96.0	96.0
≥ 800	91.7	93.2	93.9	94.8	95.3	95.6	95.7	95.9	95.9	96.0	96.3	96.3	96.4	96.4	96.4	96.4
≥ 700	91.7	93.2	93.9	94.8	95.5	95.7	95.9	96.0	96.0	96.3	96.5	96.8	96.9	96.9	96.9	96.9
≥ 600	91.9	93.5	94.1	95.2	95.9	96.1	96.3	96.4	96.4	96.7	97.1	97.3	97.9	97.9	97.9	97.9
≥ 500	92.4	94.3	94.9	96.0	96.9	97.2	97.3	97.5	97.5	97.7	98.3	98.5	99.1	99.2	99.2	99.2
≥ 400	92.4	94.3	94.9	96.0	96.9	97.2	97.3	97.5	97.5	97.7	98.4	98.7	99.2	99.3	99.3	99.3
≥ 300	92.4	94.3	94.9	96.0	96.9	97.2	97.3	97.5	97.5	97.7	98.4	98.7	99.2	99.3	99.3	99.3
≥ 200	92.4	94.3	94.9	96.0	96.9	97.2	97.3	97.5	97.5	97.7	98.4	98.8	99.3	99.6	99.7	100.0
≥ 100	92.4	94.3	94.9	96.0	96.9	97.2	97.3	97.5	97.5	97.7	98.4	98.8	99.3	99.6	99.7	100.0
0	92.4	94.3	94.9	96.0	96.9	97.2	97.3	97.5	97.5	97.7	98.4	98.8	99.3	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 750

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

SPEEDFLO® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (YEARS) NOV (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	≥ ⅝	≥ 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	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 18000	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 16000	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	71.7	71.7
≥ 14000	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
≥ 12000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 10000	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	81.1
≥ 9000	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 8000	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 7000	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 5000	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4500	87.4	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
≥ 4000	88.6	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3500	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2500	90.9	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2000	91.9	93.1	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
≥ 1800	92.1	93.3	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	92.2	93.4	93.6	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.2	94.3	94.3	94.3	94.3	94.3
≥ 1200	92.7	94.3	94.6	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.5	95.5	95.5	95.5	95.5
≥ 1000	93.6	95.4	95.8	96.0	96.6	96.6	96.7	96.7	96.7	96.7	96.9	97.2	97.2	97.2	97.2	97.2
≥ 900	93.6	95.4	96.0	96.6	97.2	97.2	97.3	97.3	97.3	97.3	97.5	97.8	97.8	97.8	97.8	97.8
≥ 800	93.7	95.7	96.3	96.9	97.5	97.5	97.6	97.8	97.8	97.8	97.9	98.2	98.2	98.2	98.2	98.2
≥ 700	93.9	95.8	96.4	97.0	97.6	97.6	97.8	97.9	97.9	97.9	98.1	98.5	98.5	98.5	98.5	98.5
≥ 600	93.9	96.0	96.6	97.2	97.8	97.8	97.9	98.1	98.1	98.1	98.2	98.7	98.7	98.7	98.7	98.7
≥ 500	93.9	96.0	96.7	97.3	97.9	97.9	98.1	98.2	98.2	98.2	98.4	99.0	99.4	99.4	99.4	99.4
≥ 400	93.9	96.0	96.7	97.3	97.9	97.9	98.1	98.2	98.2	98.2	98.4	99.0	99.4	99.6	99.6	99.6
≥ 300	93.9	96.0	96.7	97.3	97.9	97.9	98.1	98.2	98.2	98.2	98.4	99.0	99.4	99.6	99.9	99.9
≥ 200	93.9	96.0	96.7	97.3	97.9	97.9	98.1	98.2	98.2	98.2	98.4	99.0	99.4	99.6	99.9	99.9
≥ 100	93.9	96.0	96.7	97.3	97.9	97.9	98.1	98.2	98.2	98.2	98.4	99.0	99.4	99.6	99.9	100.0
0	93.9	96.0	96.7	97.3	97.9	97.9	98.1	98.2	98.2	98.2	98.4	99.0	99.4	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 667

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

SPEEDFLO® MOORE BUSINESS FORMS INC. 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 STATION | FURT CARSON CO/BUTTS AAF STATION NAME | 67-74 YEARS | NOV 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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.1	66.1	66.1	66.1
≥ 20000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.5	72.5	72.5	72.5
≥ 18000	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.7	72.7
≥ 16000	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0	73.0	73.0	73.0
≥ 14000	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.2	74.2	74.2	74.2
≥ 12000	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.0	79.0	79.0	79.0
≥ 10000	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5	80.5	80.5	80.5
≥ 9000	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5	80.5	80.5	80.5
≥ 8000	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.7	80.7	80.7	80.7
≥ 7000	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.8	81.8	81.8	81.8
≥ 6000	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.8	82.8	82.8	82.8
≥ 5000	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.3	84.3	84.3	84.3
≥ 4500	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6
≥ 4000	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.4	88.4	88.4	88.4
≥ 3500	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.5	89.5	89.5	89.5
≥ 3000	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.7	89.7	89.7	89.7
≥ 2500	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4
≥ 2000	90.8	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.6
≥ 1800	91.4	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.1	92.1	92.1	92.1
≥ 1500	92.9	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.6	93.6	93.6	93.8	94.0	94.0	94.0	94.0
≥ 1200	93.8	94.4	94.6	94.6	94.8	94.9	94.9	94.9	95.1	95.1	95.1	95.3	95.5	95.5	95.5	95.5
≥ 1000	94.2	95.5	95.7	95.9	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.6	96.8	96.8	96.8	96.8
≥ 900	94.2	95.5	95.7	95.9	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.6	96.8	96.8	96.8	96.8
≥ 800	94.2	95.5	95.7	96.1	96.3	96.4	96.4	96.4	96.6	96.6	96.6	96.8	97.0	97.0	97.0	97.0
≥ 700	94.2	95.7	95.9	96.3	96.6	96.8	96.8	96.8	97.0	97.0	97.0	97.2	97.4	97.4	97.4	97.4
≥ 600	94.2	96.1	96.3	96.6	97.4	97.6	97.6	97.6	97.8	97.8	98.1	98.3	98.5	98.5	98.5	98.5
≥ 500	94.2	96.3	96.4	96.8	97.6	97.8	97.8	97.8	97.9	97.9	98.3	98.5	99.1	99.1	99.1	99.1
≥ 400	94.2	96.3	96.4	96.8	97.6	97.8	97.8	97.8	97.9	97.9	98.3	98.5	99.1	99.4	99.4	99.4
≥ 300	94.2	96.3	96.4	96.8	97.6	97.8	97.8	97.8	97.9	97.9	98.3	98.5	99.1	99.4	99.4	99.4
≥ 200	94.2	96.3	96.4	96.8	97.6	97.8	97.8	97.8	97.9	97.9	98.3	98.5	99.1	99.4	99.4	99.4
≥ 100	94.2	96.3	96.4	96.8	97.6	97.8	97.8	97.8	97.9	97.9	98.3	98.5	99.1	99.4	99.4	99.4
0	94.2	96.3	96.4	96.8	97.6	97.8	97.8	97.8	97.9	97.9	98.3	98.5	99.1	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 534

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

SPEEDIFORM® MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-74 (YEARS) NOV (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 20000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 18000	72.6	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
≥ 16000	73.2	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
≥ 14000	73.2	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
≥ 12000	75.8	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
≥ 10000	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 9000	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 7000	79.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 6000	79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 5000	82.2	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
≥ 4500	82.5	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
≥ 4000	84.7	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
≥ 3500	86.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3000	87.9	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	88.9
≥ 2500	88.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2000	89.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1800	89.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1500	89.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1200	90.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	91.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	92.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 800	92.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	92.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 600	92.7	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9
≥ 500	92.7	95.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	92.7	95.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.8	96.8	96.8	97.1	97.1	97.1
≥ 300	92.7	95.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.8	96.8	96.8	97.5	97.5	97.5
≥ 200	92.7	95.5	96.5	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.5	97.5	97.5	98.1	98.1	98.1
≥ 100	92.7	95.5	96.5	96.8	97.8	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.7	98.7	98.7
≥ 0	92.7	95.5	96.5	96.8	97.8	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 314

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

SPIRIT-O MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-71,73-74 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (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	67.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 20000	72.1	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 18000	72.3	72.3	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
≥ 16000	72.9	72.9	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
≥ 14000	74.4	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 12000	77.6	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	80.2	80.2	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 9000	80.9	80.9	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
≥ 8000	81.5	81.5	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
≥ 7000	82.8	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 6000	83.8	84.1	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 5000	84.8	85.1	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	85.7
≥ 4500	85.4	85.7	86.2	86.2	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4000	86.2	86.5	87.0	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.4
≥ 3500	86.5	86.9	87.4	87.5	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8
≥ 3000	87.4	87.7	88.2	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.7
≥ 2500	87.4	87.7	88.2	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.7
≥ 2000	88.2	88.5	89.3	89.5	89.6	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1
≥ 1800	88.2	88.5	89.3	89.5	89.6	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1
≥ 1500	89.0	89.3	90.1	90.3	90.8	90.8	91.1	91.1	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.6
≥ 1200	89.1	90.0	90.8	90.9	91.4	91.4	91.7	91.7	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.2
≥ 1000	89.3	90.1	91.1	91.2	91.9	91.9	92.2	92.2	92.2	92.5	92.9	92.9	92.9	92.9	92.9	93.0
≥ 900	89.3	90.1	91.1	91.2	91.9	91.9	92.2	92.2	92.2	92.5	92.9	92.9	93.0	93.0	93.0	93.2
≥ 800	89.5	90.3	91.4	91.6	92.2	92.5	92.9	92.9	92.9	93.5	93.8	93.8	94.2	94.2	94.2	94.3
≥ 700	89.5	90.3	91.6	91.7	92.4	92.7	93.0	93.0	93.0	93.7	94.0	94.0	94.3	94.3	94.3	94.5
≥ 600	89.5	90.4	91.7	91.9	92.7	93.0	93.4	93.7	93.7	94.3	94.7	94.7	95.3	95.3	95.3	95.5
≥ 500	89.8	90.9	92.7	92.9	93.7	94.0	94.3	94.7	94.7	95.3	95.8	95.8	96.6	96.6	96.6	96.8
≥ 400	89.8	90.9	92.7	92.9	93.7	94.0	94.3	94.8	94.8	95.6	96.1	96.1	96.9	96.9	97.1	97.2
≥ 300	90.1	91.2	93.0	93.2	94.0	94.3	94.7	95.1	95.1	95.9	96.6	96.6	97.6	97.7	98.2	98.4
≥ 200	90.3	91.4	93.2	93.4	94.2	94.5	94.8	95.3	95.3	96.1	96.8	96.8	97.9	98.1	98.7	99.8
≥ 100	90.3	91.4	93.2	93.4	94.2	94.5	94.8	95.3	95.3	96.1	96.8	96.8	97.9	98.1	98.7	100.0
≥ 0	90.3	91.4	93.2	93.4	94.2	94.5	94.8	95.3	95.3	96.1	96.8	96.8	97.9	98.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 617

SPEEDFLO® MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-71,73-74 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (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	64.5	65.1	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 20000	72.6	73.4	73.5	73.5	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	72.6	73.4	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 16000	73.1	73.8	74.0	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
≥ 14000	74.4	75.1	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 12000	78.9	80.0	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
≥ 10000	82.6	83.9	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 9000	82.9	84.2	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
≥ 8000	82.9	84.2	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	83.1	84.5	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 6000	84.4	85.8	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 5000	85.2	86.8	87.0	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4500	85.2	86.8	87.0	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4000	85.5	87.1	87.3	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	88.0	88.0	88.0
≥ 3500	86.1	87.7	87.8	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.6	88.6	88.6
≥ 3000	86.5	88.1	88.3	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.9	89.0	89.0	89.0
≥ 2500	87.0	88.6	88.9	88.9	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.7	89.7	89.7
≥ 2000	87.6	89.3	89.6	89.6	90.0	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.7	90.9	90.9	90.9
≥ 1800	87.6	89.3	89.6	89.6	90.0	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.7	90.9	90.9	90.9
≥ 1500	88.4	90.4	91.3	91.3	91.9	92.0	92.3	92.5	92.5	92.5	92.5	92.5	92.6	92.8	92.8	92.8
≥ 1200	88.4	90.4	91.3	91.3	92.0	92.2	92.5	92.6	92.6	93.1	93.1	93.1	93.2	93.3	93.3	93.3
≥ 1000	88.4	90.9	91.8	91.8	92.6	93.1	93.5	93.8	93.8	94.5	94.6	94.6	94.9	95.1	95.1	95.1
≥ 900	88.4	90.9	91.8	91.8	92.6	93.1	93.5	93.8	93.8	94.6	94.8	94.8	95.1	95.2	95.2	95.2
≥ 800	88.7	91.2	92.0	92.2	93.2	93.6	94.4	94.5	94.5	95.4	95.5	95.5	95.8	95.9	95.9	95.9
≥ 700	88.7	91.2	92.0	92.3	93.3	93.9	94.5	94.8	94.8	95.7	95.8	95.8	96.1	96.2	96.2	96.2
≥ 600	88.7	91.2	92.0	92.3	93.3	94.1	94.9	95.2	95.2	96.1	96.2	96.2	96.7	96.8	96.8	96.8
≥ 500	89.0	91.5	92.3	92.6	93.6	94.4	95.2	95.5	95.5	96.5	97.1	97.1	97.5	97.8	97.8	97.8
≥ 400	89.1	91.6	92.5	92.8	93.8	94.5	95.4	95.8	95.8	97.3	97.8	97.8	98.4	98.8	98.8	98.8
≥ 300	89.1	91.6	92.5	92.8	93.8	94.5	95.4	95.8	95.8	97.3	98.0	98.0	98.7	99.1	99.1	99.1
≥ 200	89.1	91.6	92.5	92.8	93.8	94.5	95.4	95.8	95.8	97.3	98.0	98.0	99.0	99.4	99.4	99.7
≥ 100	89.1	91.6	92.5	92.8	93.8	94.5	95.4	95.8	95.8	97.3	98.0	98.0	99.0	99.4	99.7	100.0
≥ 0	89.1	91.6	92.5	92.8	93.8	94.5	95.4	95.8	95.8	97.3	98.1	98.0	99.0	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 691

SPEEDILOG® MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-71,73-74 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (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	63.2	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	73.4	73.7	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
≥ 18000	73.6	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	74.1	74.1
≥ 16000	73.9	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 14000	75.8	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 12000	80.3	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
≥ 10000	83.8	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 9000	84.7	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
≥ 8000	85.1	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 7000	86.0	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 6000	87.3	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	88.2
≥ 5000	88.8	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4500	89.2	89.9	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
≥ 4000	89.6	90.7	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500	89.9	91.0	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	90.4	91.5	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2500	91.0	92.1	92.9	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2000	91.0	92.1	92.9	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1800	91.4	92.5	93.2	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1500	91.7	92.9	93.7	93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	91.8	93.1	94.2	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	91.8	93.1	94.5	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4
≥ 900	91.8	93.1	94.5	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.6	95.6	95.6	95.6
≥ 800	91.8	93.1	94.5	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.9	96.1	96.1	96.1
≥ 700	91.8	93.1	94.5	95.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.5	96.7	96.7
≥ 600	91.8	93.3	94.7	95.6	96.2	96.2	96.5	96.5	96.5	96.9	97.0	97.0	97.5	97.8	97.8	97.8
≥ 500	91.8	93.2	94.7	95.8	96.4	96.4	96.7	96.7	96.7	97.0	97.2	97.2	97.6	98.0	98.0	98.0
≥ 400	91.8	93.2	94.7	95.8	96.4	96.4	96.7	96.7	96.7	97.5	97.8	97.8	98.4	99.1	99.1	99.4
≥ 300	91.8	93.2	94.7	95.8	96.4	96.4	96.7	96.7	96.7	97.5	97.8	97.8	98.9	99.5	99.5	99.8
≥ 200	91.8	93.2	94.7	95.8	96.4	96.5	96.9	96.9	96.9	97.6	98.0	98.0	99.1	99.7	99.7	100.0
≥ 100	91.8	93.2	94.7	95.8	96.4	96.5	96.9	96.9	96.9	97.6	98.0	98.0	99.1	99.7	99.7	100.0
≥ 0	91.8	93.2	94.7	95.8	96.4	96.5	96.9	96.9	96.9	97.6	98.0	98.0	99.1	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 636

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

SPEEDFLO® MOORE BUSINESS FORMS, INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-71,73-74 (YEARS) DEC (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 20000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 18000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 16000	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 14000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 12000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 10000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 8000	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 7000	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	85.2
≥ 6000	87.3	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
≥ 5000	89.0	89.4	89.5	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4500	89.9	90.2	90.4	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4000	90.6	91.1	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500	91.1	91.6	92.0	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
≥ 3000	91.1	91.6	92.2	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2500	91.3	91.8	92.3	92.5	92.5	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	91.8	92.3	92.9	93.0	93.2	93.4	93.7	93.9	93.9	94.1	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	91.8	92.3	92.9	93.0	93.2	93.4	93.7	93.9	93.9	94.1	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1500	91.8	92.3	92.9	93.0	93.2	93.4	93.7	94.1	94.1	94.3	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	91.8	92.3	93.2	93.4	93.6	93.7	94.1	94.4	94.4	94.6	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000	91.8	92.5	93.4	93.7	94.1	94.3	94.6	94.9	94.9	95.1	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900	91.8	92.5	93.4	93.7	94.1	94.3	94.6	94.9	94.9	95.5	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	91.8	92.5	93.4	94.3	94.6	94.8	95.1	95.5	95.5	96.2	96.5	96.5	96.5	96.7	96.7	96.7
≥ 700	91.8	92.7	93.6	94.4	94.9	95.1	95.5	95.8	95.8	96.7	97.2	97.2	97.2	97.4	97.4	97.4
≥ 600	91.8	92.9	93.7	94.6	95.3	95.5	96.0	96.3	96.3	97.2	97.7	97.7	98.1	98.3	98.3	98.3
≥ 500	92.0	93.0	93.9	94.8	95.5	95.6	96.2	96.5	96.5	97.6	98.1	98.1	98.4	98.6	98.6	98.6
≥ 400	92.0	93.0	93.9	94.8	95.5	95.6	96.2	96.5	96.5	97.6	98.4	98.4	99.3	99.7	99.8	99.8
≥ 300	92.0	93.0	93.9	94.8	95.5	95.6	96.2	96.5	96.5	97.6	98.4	98.4	99.5	99.8	100.0	100.0
≥ 200	92.0	93.0	93.9	94.8	95.5	95.6	96.2	96.5	96.5	97.6	98.4	98.4	99.5	99.8	100.0	100.0
≥ 100	92.0	93.0	93.9	94.8	95.5	95.6	96.2	96.5	96.5	97.6	98.4	98.4	99.5	99.8	100.0	100.0
0	92.0	93.0	93.9	94.8	95.5	95.6	96.2	96.5	96.5	97.6	98.4	98.4	99.5	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 574

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

SPEEDIFORM MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-71,73-74 (YEARS) DEC (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 20000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 18000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 16000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 14000	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
≥ 12000	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	78.4	78.4
≥ 10000	81.0	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
≥ 9000	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 8000	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 7000	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 6000	83.3	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 5000	84.6	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 4500	85.5	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4000	85.9	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3500	85.9	86.3	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
≥ 3000	86.5	87.0	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
≥ 2500	86.5	87.0	87.6	87.8	88.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2000	87.4	88.2	89.1	89.3	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800	87.8	88.7	89.5	89.7	90.0	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1500	87.8	88.7	89.5	89.7	90.0	90.4	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1200	88.5	89.3	90.2	90.4	90.6	91.0	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1000	88.5	89.5	90.4	90.8	91.7	92.1	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	88.5	89.7	90.6	91.0	91.9	92.3	92.7	93.2	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6
≥ 800	88.5	89.7	90.6	91.2	92.1	92.5	93.2	93.6	93.6	93.6	94.0	94.2	94.2	94.4	94.4	94.4
≥ 700	88.7	90.0	91.0	91.7	92.5	92.9	93.6	94.0	94.0	94.0	95.1	95.3	95.3	95.5	95.5	95.5
≥ 600	88.7	90.2	91.5	92.1	93.2	93.6	94.2	94.9	94.9	94.9	95.9	96.2	96.2	96.4	96.4	96.4
≥ 500	88.7	90.2	91.5	92.1	93.2	93.6	94.2	94.9	94.9	95.3	96.4	96.6	96.8	97.2	97.2	97.2
≥ 400	88.7	90.2	91.5	92.1	93.2	93.6	94.2	94.9	94.9	95.3	96.6	96.8	97.0	97.4	97.6	97.6
≥ 300	88.7	90.4	91.7	92.3	93.4	93.8	94.4	95.1	95.1	95.5	96.8	97.0	97.4	97.9	98.1	98.5
≥ 200	88.7	90.4	91.7	92.3	93.4	93.8	94.4	95.1	95.1	95.5	96.8	97.0	97.9	98.3	99.4	100.0
≥ 100	88.7	90.4	91.7	92.3	93.4	93.8	94.4	95.1	95.1	95.5	96.8	97.0	97.9	98.3	99.4	100.0
≥ 0	88.7	90.4	91.7	92.3	93.4	93.8	94.4	95.1	95.1	95.5	96.8	97.0	97.9	98.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 468

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

SPEEDFLOW® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-71,73-74 (YEARS) DEC (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	≥ ⅜	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	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	76.0
≥ 20000	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
≥ 18000	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
≥ 16000	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
≥ 14000	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 12000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 10000	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 8000	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 7000	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
≥ 6000	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 5000	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4500	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4000	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3500	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3000	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2500	88.8	89.1	89.5	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2000	89.5	89.9	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1800	89.5	89.9	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1500	89.9	90.3	90.7	90.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	89.9	90.3	90.7	90.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1000	89.9	90.7	91.1	91.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900	89.9	90.7	91.1	91.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	89.9	90.7	91.1	91.1	93.4	93.4	93.8	94.6	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 700	90.3	91.1	91.5	91.5	93.8	93.8	94.2	95.0	95.0	95.3	95.3	95.7	95.7	95.7	95.7	95.7
≥ 600	90.3	91.5	91.9	91.9	94.2	94.2	94.6	95.3	95.3	95.7	95.7	96.1	96.1	96.1	96.1	96.1
≥ 500	90.3	91.5	91.9	91.9	94.2	94.2	94.6	95.3	95.3	96.1	96.1	96.5	96.5	97.7	97.7	97.7
≥ 400	90.3	91.5	91.9	91.9	94.2	94.2	94.6	95.3	95.3	96.5	96.5	96.9	96.9	98.1	98.1	98.1
≥ 300	90.3	91.5	91.9	91.9	94.2	94.2	94.6	95.3	95.3	96.5	96.5	96.9	97.3	98.4	98.4	98.4
≥ 200	90.3	91.5	91.9	91.9	94.2	94.2	94.6	95.3	95.3	96.5	96.5	96.9	97.3	98.4	98.4	98.4
≥ 100	90.3	91.5	91.9	91.9	94.2	94.2	94.6	95.3	95.3	96.5	96.5	96.9	97.3	98.4	98.4	100.0
≥ 0	90.3	91.5	91.9	91.9	94.2	94.2	94.6	95.3	95.3	96.5	96.5	96.9	97.3	98.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 258

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

SPEEDIFORM® MOORE BUSINESS FORMS, INC.

SKY COVER SUMMARY

The individual increments formerly reported in total sky cover of airways observations are no longer available from the source data from Jan 71 and later. Increments reported after 1970 are clear, scattered, broken, overcast, partial obscuration and obscured (0, 3, 9, or 10). Therefore, the sky cover summary for this station is limited to the period through Dec 70.

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

S74-29965

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

94015	FORT CARSON CO/BUTTS AAF	60-79	ALL
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		
JAN	ALL	21.1	3.4	6.4	6.5	5.8	3.3	7.3	7.8	10.1	5.7	22.7	5.3	1530
FEB		18.5	5.0	5.6	5.6	5.1	3.1	6.5	6.6	7.6	6.6	30.0	5.7	1417
MAR		13.5	4.9	4.8	6.3	4.7	3.7	5.2	6.6	6.5	6.1	32.9	5.8	1559
APR		29.6	4.5	6.0	6.0	4.0	3.4	3.2	4.9	5.8	6.6	26.2	4.9	1506
MAY		13.3	4.7	5.0	7.3	5.7	3.7	5.2	6.1	9.6	8.0	31.5	6.2	1685
JUN		14.0	6.9	8.8	9.7	6.3	6.9	5.9	7.6	6.3	7.0	20.6	5.2	1679
JUL		10.6	6.6	7.1	8.0	5.8	5.2	8.5	9.6	9.1	10.4	19.1	5.7	1767
AUG		11.8	6.8	7.3	5.6	4.8	4.5	8.0	12.5	8.1	6.6	26.1	5.8	1810
SEP		29.8	7.2	7.9	7.8	4.4	4.9	5.6	5.3	4.7	3.4	19.1	4.2	1920
OCT		29.0	5.9	5.7	4.4	4.2	5.0	4.9	5.0	6.8	6.2	23.7	4.8	2067
NOV		26.9	6.9	6.1	5.2	4.1	3.5	6.3	5.9	6.8	5.4	23.0	4.8	1826
DEC		27.5	5.2	6.9	7.0	4.4	3.9	4.7	6.4	7.5	5.8	20.8	4.7	1836
TOTALS		20.9	5.7	6.3	6.6	4.9	4.3	5.9	7.0	7.2	6.5	24.6	5.3	20604

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

94015	FORT CARSON CO/BUTTS AAF	67-70	JAN
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		
JAN	-02													
	03-05													
	06-08	23.3	5.0	6.0	8.2	6.8	1.5	6.1	7.2	11.5	5.0	18.3	4.9	279
	09-11	18.1	3.4	4.6	5.7	4.6	3.7	6.6	6.9	9.5	6.6	30.2	5.9	348
	12-14	16.4	1.5	5.4	4.2	3.0	1.2	6.8	10.1	15.2	8.3	28.0	6.3	336
	15-17	11.0	3.3	3.7	3.7	5.7	5.0	6.0	9.7	12.0	9.4	30.4	6.6	299
	18-20	28.5	2.2	4.3	5.9	8.6	5.9	10.8	8.1	7.5	2.7	15.6	4.5	186
	21-23	29.3	4.9	13.4	11.0	6.1	2.4	7.3	4.9	4.9	2.4	13.4	3.7	82
TOTALS		21.1	3.4	6.4	6.5	5.8	3.3	7.2	7.8	10.1	5.7	22.7	5.3	1530

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

94015 — STATION
FORT CARSON CO/BUTTS AAF — STATION NAME
67-70 — PERIOD
FEB — 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		
FEB	00-02													
	03-05													
	06-08	21.9	3.1	9.0	7.8	3.9	3.1	7.4	7.4	6.3	6.0	23.4	5.2	256
	09-11	21.9	6.5	5.0	4.3	3.7	1.9	5.2	6.5	5.2	8.0	30.6	5.6	324
	12-14	17.0	5.8	4.5	6.1	4.5	3.2	6.1	3.5	7.1	9.0	33.3	6.0	312
	15-17	13.9	4.7	3.3	5.5	3.3	4.4	3.3	8.8	7.7	6.9	38.3	6.5	274
	18-20	16.7	2.3	7.5	3.4	3.4	4.6	6.3	8.0	8.6	5.7	33.3	6.1	174
	21-23	19.5	7.8	3.9	6.5	11.7	1.3	10.4	5.2	10.4	2.6	20.8	5.0	77
TOTALS		18.5	5.0	5.6	5.6	5.1	3.1	6.5	6.6	7.6	6.6	30.0	5.7	1417

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

94015 — STATION
FORT CARSON CO/BUTTS AAF — STATION NAME
67-70 — PERIOD
MAR — 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													
	03-05													
	06-08	27.0	4.0	4.3	2.9	4.0	1.8	4.0	4.3	6.1	7.9	33.8	5.6	278
	09-11	16.7	6.5	4.8	5.4	5.1	4.0	2.8	9.0	5.9	7.1	32.8	5.9	354
	12-14	10.4	5.8	7.6	4.0	5.5	4.1	4.9	7.5	7.2	7.8	34.2	6.3	345
	15-17	11.0	2.9	3.9	6.5	4.9	4.5	5.8	7.1	10.1	7.5	35.7	6.0	308
	18-20	16.4	4.2	5.3	6.3	5.3	4.2	6.3	6.9	8.5	4.8	31.7	5.9	189
	21-23	29.4	5.9	2.4	11.8	3.5	3.5	7.1	4.7	1.2	1.2	29.4	4.7	85
TOTALS		18.5	4.9	4.8	6.3	4.7	3.7	5.2	6.6	6.5	6.1	32.9	5.8	1559

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

94015 | FORT CARSON CO/BUTTS AAF | 67-70 | APR

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		
APR	00-02													
	03-05	75.0										25.0	2.5	4
	06-08	30.5	6.5	6.1	6.9	2.3	2.3	4.2	7.3	5.3	2.7	26.0	4.6	262
	09-11	23.8	9.7	6.5	5.9	4.4	2.6	3.2	5.3	5.0	7.3	26.4	5.0	341
	12-14	11.8	5.8	6.1	10.3	5.2	5.2	5.2	7.6	10.9	8.8	23.3	5.8	330
	15-17	9.0	3.7	9.0	7.4	6.4	5.7	3.0	6.0	7.7	11.4	30.8	6.3	299
	18-20	21.4	4.6	6.1	6.1	5.6	5.6	1.5	4.1	6.1	9.2	29.6	5.5	196
	21-23	35.5	1.3	7.9	5.3	3.9	2.6	5.3	3.9	5.3	6.6	22.4	4.5	76
TOTALS		29.6	4.5	6.0	6.0	4.0	3.4	3.2	4.9	5.8	6.6	26.2	4.9	1508

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

94015 — STATION
FORT CARSON CO/BUTTS AAF — STATION NAME
67-70 — 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													
	03-05	15.7	7.8	5.9	5.9	2.0	5.9	7.8	3.9	9.8	2.0	33.3	5.8	51
	06-08	24.5	6.7	5.8	5.5	2.8	2.4	3.4	4.9	5.2	5.2	33.6	5.4	327
	09-11	17.3	5.4	6.2	7.5	5.9	4.6	4.6	5.4	8.4	6.7	26.0	5.6	371
	12-14	5.4	4.0	5.1	7.3	7.3	4.0	6.7	9.1	7.5	12.9	30.6	6.7	372
	15-17	3.5	2.1	2.1	5.6	7.0	2.4	4.2	8.0	11.9	14.7	38.5	7.6	286
	18-20	6.6	1.9	4.7	4.3	4.7	1.6	5.0	11.2	9.3	9.3	41.5	7.3	258
	21-23	20.0	5.0	5.0	15.0	10.0	5.0	5.0		15.0	5.0	15.0	4.7	20
TOTALS		13.3	4.7	5.0	7.3	5.7	3.7	5.2	6.1	9.6	8.0	31.5	6.2	1685

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

94015 — STATION
FORT CARSON CO/BUITS AAF — STATION NAME
67-70 — PERIOD
JUN — 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		
JUN	00-02													
	03-05	20.8	7.5	11.3	9.4	1.9	1.9	1.9	11.3	7.5	5.7	20.8	4.8	53
	06-08	23.5	12.2	8.5	3.7	4.9	2.4	5.8	5.8	5.8	7.9	19.5	4.6	328
	09-11	10.7	13.6	10.8	8.9	7.8	5.8	3.9	4.7	5.8	5.0	16.9	4.4	360
	12-14	6.4	3.9	8.9	10.3	10.3	8.3	8.9	9.2	6.7	7.5	19.7	5.7	360
	15-17	4.1	2.7	6.5	10.5	9.2	5.1	6.8	9.9	8.2	9.2	25.9	6.3	294
	18-20	8.0	4.2	4.6	11.8	5.3	6.9	9.2	7.6	5.7	9.2	27.5	6.2	262
	21-23	18.2	4.5	9.1	13.6	4.5	18.2	4.5	4.5	4.5	4.5	13.6	4.5	22
TOTALS		14.0	6.9	8.8	9.7	6.3	6.9	5.9	7.6	6.3	7.0	20.6	5.2	1679

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-70 (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													
	03-05	16.0	0.7	12.0	9.3	5.3	6.7	4.0	8.0	6.7	8.0	17.3	4.9	75
	06-08	24.7	11.4	7.5	6.3	4.8	4.2	5.1	6.6	6.3	8.1	14.8	4.3	332
	09-11	19.6	8.9	11.3	10.5	6.2	5.4	7.8	8.1	7.3	4.3	10.8	4.2	372
	12-14	3.5	4.0	3.8	9.4	9.9	11.6	6.1	14.0	12.6	11.0	12.1	6.0	372
	15-17	1.9	2.9	1.6	5.5	6.5	5.5	5.8	10.3	16.1	20.0	23.9	7.3	310
	18-20	1.9	3.4	4.6	5.7	5.7	2.7	8.0	6.5	12.6	14.9	34.0	7.3	262
	21-23	6.8	9.1	9.1	9.1	2.3		20.5	13.6	2.3	6.8	20.5	5.7	44
TOTALS		10.6	6.6	7.1	8.0	5.8	5.2	8.5	9.6	9.1	10.4	19.1	5.7	1767

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

94015	FORT CARSON CO/BUTTS AAF	67-70	AUG
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		
AUG	00-02							16.7	33.3			50.0	8.3	6
	03-05	20.5	9.6	12.0	8.4	4.8	1.2	4.8	8.4	2.4		27.7	4.7	83
	06-08	26.7	10.3	8.2	5.3	3.5	3.5	4.4	4.7	5.9	8.2	19.4	4.5	341
	09-11	22.0	12.9	10.5	7.3	6.7	4.6	3.5	3.8	5.1	0.7	16.9	4.2	372
	12-14	5.4	5.9	10.2	10.2	7.8	7.8	8.1	9.9	11.0	7.5	16.1	5.6	372
	15-17	4.7	3.4	4.7	5.3	5.6	6.6	6.9	11.0	12.9	13.8	25.1	6.8	319
	18-20	6.6	8.1	3.7	3.7	3.3	3.7	6.3	11.4	8.9	10.3	33.9	6.8	271
	21-23	8.7	4.3	8.7	4.3	6.5	8.7	13.0	17.4	2.2	6.5	19.6	5.8	46
TOTALS		11.8	6.8	7.3	5.6	4.8	4.5	8.0	12.5	6.1	6.6	26.1	5.8	1810

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-70 (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	25.0		12.5	12.5			6.3	6.3			37.5	5.2	16
	03-05	47.2	4.5	4.5	7.9	5.6	4.5	3.4	1.1	2.2	1.1	18.0	3.2	89
	06-08	33.0	9.3	6.8	7.9	3.4	2.3	3.4	4.5	3.7	2.0	23.7	4.1	355
	09-11	29.9	12.2	8.2	5.7	5.7	5.2	3.5	3.7	5.2	4.0	16.7	3.9	402
	12-14	17.0	10.9	11.1	9.4	4.8	6.1	8.4	6.6	9.1	5.1	11.6	4.4	395
	15-17	15.0	8.5	8.2	7.6	7.4	6.2	9.7	10.0	8.8	5.3	13.2	4.9	340
	18-20	28.6	6.3	5.9	7.8	4.8	5.6	6.3	6.7	5.2	3.7	19.0	4.4	269
	21-23	42.6	5.6	5.6	3.7	3.7	9.3	3.7	3.7	3.7	5.6	13.0	3.5	54
TOTALS		29.8	7.2	7.9	7.8	4.4	4.9	5.0	5.3	4.7	3.4	19.1	4.2	1920

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

94015	FORT CARSON CO/BUTTS AAF	66-70	OCT
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		
OCT	00-02													
	03-05	51.5	6.1	0.1	6.1	3.0	3.0	1.5		3.0	3.0	10.7	2.9	66
	06-08	31.8	8.6	6.7	4.4	3.4	2.5	3.2	5.4	8.1	5.7	20.2	4.4	406
	09-11	28.0	7.0	5.6	5.8	4.9	4.5	2.5	5.6	5.8	5.4	24.9	4.8	446
	12-14	20.6	7.4	6.7	5.8	5.8	6.0	3.2	6.3	10.6	6.3	21.3	5.1	432
	15-17	19.1	6.1	6.1	2.1	2.9	4.5	6.6	10.6	10.1	10.6	21.0	5.6	376
	18-20	24.4	2.9	2.5	6.8	6.1	8.2	7.5	5.7	5.4	5.7	24.7	5.2	279
	21-23	27.4	3.2	6.5		3.2	6.5	3.2	1.6	4.8	6.5	37.1	5.6	62
TOTALS		29.0	5.9	5.7	4.4	4.2	5.0	4.0	5.0	6.8	6.2	23.7	4.8	2067

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

94015 — STATION
FORT CARSON CO/BUTTS AAF — STATION NAME
66-70 — PERIOD
NOV — 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		
NOV	00-02													
	03-05													
	06-08	29.0	5.9	5.9	6.9	5.3	3.1	7.5	5.9	4.7	0.9	19.0	4.5	321
	09-11	24.0	5.0	6.0	6.2	3.6	3.4	6.2	8.2	11.0	6.7	19.7	5.1	417
	12-14	20.4	7.4	6.6	5.2	4.2	4.7	6.9	6.9	7.4	8.4	22.1	5.2	407
	15-17	19.7	5.8	5.8	6.1	3.5	4.9	4.9	5.5	11.3	5.8	26.7	5.5	345
	18-20	34.2	5.3	8.8	3.1	1.3	1.3	6.6	5.3	4.4	2.6	27.2	4.5	228
	21-23	34.3	12.0	3.7	3.7	6.5	3.7	5.6	3.7	1.9	1.9	23.1	4.0	108
TOTALS		26.9	6.9	6.1	5.2	4.1	3.5	6.3	5.9	6.8	5.4	23.0	4.8	1826

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

94015	FORT CARSON CO/BUTTS AAF	66-70	DEC
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		
DEC	00-02													
	03-05													
	06-08	24.9	5.2	10.9	4.6	6.6	2.6	6.6	4.9	7.2	4.6	22.1	4.7	349
	09-11	22.5	5.1	5.1	7.9	4.6	3.7	2.3	7.2	10.0	9.3	22.3	5.3	431
	12-14	19.5	6.4	6.9	5.4	3.8	3.6	5.6	8.2	10.8	8.2	21.5	5.4	390
	15-17	20.5	4.7	6.2	6.5	3.0	5.3	5.3	8.6	11.3	7.4	21.1	5.4	337
	18-20	33.8	6.3	4.5	9.9	6.3	3.2	4.5	5.0	2.7	1.8	22.1	4.1	222
	21-23	43.9	3.7	7.5	7.5	1.9	4.7	3.7	4.7	2.8	3.7	15.9	3.4	107
TOTALS		27.5	5.2	6.9	7.0	4.4	3.9	4.7	6.4	7.5	5.8	20.8	4.7	1836

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

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 presentations 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 deviations, and total number of observations in three separate tables as follows:

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

   NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: The following symbols are used in the extreme data blocks:

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

E

Continued on Reverse

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 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 spread vertically. Also provided for each of the dry-bulb intervals 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 be continued on several pages.

      NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

   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 (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation 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 tabulation 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 combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and 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 BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

94015 (STATION) FORT CARSON, CO/BUTTS AAF (STATION NAME) 66-75 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP.	OCT	NOV	DEC	ANNUAL
95						1.5	4.0	1.1					.6
90					.4	12.8	21.2	15.1	.8				4.3
85					3.3	29.7	53.8	47.0	9.5				12.3
80				.8	13.6	52.6	78.8	73.1	30.0	3.7			21.6
75			1.5	5.4	34.1	75.9	89.7	88.5	54.9	19.8			31.5
70	1.1	.4	9.3	19.4	50.9	88.0	96.0	95.3	68.4	35.2	4.7	.4	39.9
65	2.7	2.5	17.8	34.9	70.0	92.9	97.4	97.5	82.6	48.7	16.1	1.2	47.8
60	12.2	11.9	30.4	54.7	81.7	95.5	98.9	98.6	89.7	62.6	29.0	8.5	56.
55	24.0	27.5	44.8	67.8	89.4	97.0	99.6	99.6	92.5	75.8	41.6	18.6	65.5
50	38.9	45.5	55.9	77.9	95.2	99.6	100.0	100.0	96.4	82.8	56.9	31.0	73.9
45	50.8	61.5	68.5	85.3	99.3	100.0			98.4	88.3	69.8	45.7	8. .0
40	61.1	75.4	77.4	91.5	100.0				99.6	93.4	80.4	59.7	86.8
35	70.6	83.6	84.8	95.7						97.4	88.6	71.7	91.2
30	80.5	90.6	90.4	98.8					100.0	98.2	96.1	80.6	94.7
25	87.0	96.7	97.0	100.0						99.3	98.8	90.3	97.5
20	91.2	98.4	98.9							100.0	100.0	92.6	98.5
15	94.3	100.0	100.0									97.3	99.3
10	97.3											98.4	99.7
5	99.6											99.6	99.9
0	100.0											100.0	100.0
MEAN	42.5	46.6	50.7	58.5	68.7	79.3	84.0	82.8	73.1	62.3	51.1	41.7	61.8
S D	14.950	11.213	14.027	11.989	10.071	9.274	7.941	7.247	10.511	13.002	12.219	13.496	18.847
TOTAL OBS	262	244	270	258	273	266	273	279	253	273	255	258	3164

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

94015 STATION | FURY CARSON CO/BUTTS AAF STATION NAME | 66-75 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB	MAR.	APR	MAY	JUN.	JUL.	AUG	SEP	OCT.	NOV	DEC.	ANNUAL
≥ 80						.8	.7						.1
≥ 75						1.1	2.2	.4					.3
≥ 70				.4	1.1	3.0	6.6	2.9	1.6				1.3
≥ 65					2.6	9.4	20.5	13.6	3.2				4.3
≥ 60				.8	5.1	30.1	59.7	49.8	9.5	2.6			13.6
≥ 55			3.0	3.5	15.8	59.0	92.7	87.8	31.2	7.0	.8		25.8
≥ 50	.4	.4	4.4	9.7	34.8	83.1	99.6	98.2	58.1	18.3	2.4		34.9
≥ 45	2.7	2.0	8.5	20.2	59.0	93.2	100.0	99.6	80.6	33.3	7.8	1.6	43.2
≥ 40	8.4	4.5	16.3	40.7	83.5	98.1		100.0	92.5	56.8	20.0	3.9	52.9
≥ 35	17.9	13.5	29.3	64.0	93.8	100.0			98.0	76.6	35.3	15.9	62.8
≥ 33	21.0	20.5	38.9	70.2	96.7				98.4	85.0	44.3	20.2	67.0
≥ 30	32.1	31.6	49.6	83.7	99.3				99.2	91.6	52.2	26.7	72.8
≥ 25	49.2	53.3	71.1	92.6	100.0				100.0	96.7	78.0	43.0	82.4
≥ 20	64.5	73.0	83.7	96.5						98.9	91.0	64.7	89.6
≥ 15	74.4	90.2	92.2	98.8						99.6	96.1	77.5	94.2
≥ 10	82.1	96.7	97.0	99.6						100.0	99.6	87.2	96.9
≥ 5	90.1	99.2	100.0	100.0							100.0	94.6	98.7
≥ 0	93.5	100.0										98.4	99.3
≥ -5	98.1											98.8	99.7
≥ -10	100.0											99.2	99.9
≥ -15												100.0	100.0
MEAN	22.5	25.2	29.7	37.3	46.7	55.7	61.0	59.6	50.7	41.1	31.1	22.6	40.3
S D	12.810	8.739	10.621	9.198	7.970	7.338	5.249	4.871	7.607	9.146	9.185	10.045	16.336
TOTAL OBS.	262	244	270	258	273	266	273	279	253	273	255	258	3164

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-75 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB	MAR	APR.	MAY	JUN	JUL.	AUG.	SEP	OCT.	NOV.	DEC.	ANNUAL
≥ 85						.8	1.1						.2
≥ 80						4.9	7.7	3.6					1.4
≥ 75					1.8	17.3	38.8	31.7	3.2				8.0
≥ 70				.8	7.3	42.1	76.2	65.2	19.0	.7			18.1
≥ 65			.7	3.5	22.3	71.4	92.7	90.7	42.3	9.2			28.4
≥ 60	.4		4.4	10.9	45.8	87.6	97.8	98.2	70.8	28.2	3.1		38.1
≥ 55	1.9	1.6	13.0	27.5	66.3	94.0	98.9	98.6	83.4	44.0	10.2	.8	45.8
≥ 50	8.0	5.7	21.9	47.7	83.5	97.7	100.0	99.6	90.9	61.9	23.9	5.4	54.7
≥ 45	20.2	18.0	38.1	65.9	93.8	99.2		100.0	95.7	77.7	40.4	15.9	64.5
≥ 40	35.1	38.9	56.3	81.8	98.9	100.0			99.2	86.4	58.0	30.2	74.3
≥ 35	50.8	60.2	71.9	90.7	100.0				99.6	94.5	72.9	43.8	82.4
≥ 30	66.4	75.8	81.9	95.7					100.0	97.8	82.4	62.4	89.3
≥ 25	73.7	89.3	89.6	98.1						98.2	94.5	74.8	93.3
≥ 20	83.6	96.3	96.3	100.0						100.0	98.4	88.4	97.0
≥ 15	88.9	98.4	98.9								100.0	91.9	98.2
≥ 10	92.4	99.6	100.0									96.3	99.1
≥ 5	96.6	100.0										98.4	99.6
≥ 0	100.0											99.2	99.9
≥ -5												99.6	100.0
≥ -10												100.0	100.0
MEAN	32.8	36.2	40.4	48.2	58.0	67.7	72.7	71.4	62.2	52.0	41.4	32.4	51.3
S D	13.396	9.182	11.543	9.722	8.210	7.652	5.568	5.358	8.363	10.517	10.043	11.69°	17.200
TOTAL OBS	262	244	270	258	273	266	273	279	253	273	255	258	3164

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

94015 FURT CARSON CO/BUTTS AAF 66-75
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT.	NOV.	DEC.	ALL MONTHS
66									** 85	*# 77	** 69	** 62	
67	*# 63	*# 64	** 75	** 74	# 88	# 85	# 92	# 91	# 84	# 83	** 71	# 62	# 92
68	# 64	# 60	# 72	# 78	# 80	# 94	# 94	# 90	# 85	# 80	# 69	*# 63	# 94
69	** 66	# 61	# 71	# 78	# 88	# 90	# 95	# 98	# 85	# 79	** 68	*# 64	# 98
70	*# 64	# 67	# 65	# 74	# 86	# 94	# 96	# 94	# 98	# 79	# 73	*# 68	# 96
71	*# 70	# 62	# 79	*# 76	# 80	# 97	# 98	# 89	# 90	# 78	*# 74	*# 64	# 98
72	*# 60	*# 70	*# 74	*# 78	*# 82	*# 85	*# 95	# 92	*# 90	# 80	*# 59	*# 58	*# 95
73	*# 60	# 62	# 67	# 74	# 81	# 93	# 99	# 93	# 87	# 80	# 74	# 71	# 99
74	# 72	# 65	# 74	# 81	# 90	# 96	*# 96	# 92	# 89	# 82	# 74	*# 64	# 96
75	# 63	66	70	80	82	94	93	95					
MEAN	64.7	64.1	71.9	77.0	84.1	92.0	95.3	92.7	87.0	79.8	70.1	64.0	96.0
S.D	4.093	3.219	4.256	2.646	3.887	4.416	2.736	2.739	2.345	1.856	4.807	3.708	2.330
TOTAL OBS.	262	244	270	258	273	246	273	279	253	273	255	258	3164

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

USAF ETAC FORM JUL 64 0-88-3 (OLA)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-75 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
66									** 38	** 27	** 15	** 1	
67	** 3	** 10	** 6	** 27	# 26	# 48	# 56	# 44	# 42	# 25	** 10	# -2	# -2
68	# 7	# 11	# 8	# 21	# 32	# 46	# 48	# 46	# 41	# 29	# 14	** 1	** 1
69	** 5	# 15	# 7	# 32	# 38	# 40	# 57	# 52	# 42	# 14	** 11	** 4	** 4
70	** -3	# 15	# 14	# 15	# 29	# 40	# 56	# 56	# 31	# 21	# 13	** 9	** -3
71	** -10	# 6	# 10	** 22	# 31	# 45	# 50	# 51	# 28	# 16	** 15	** 6	** -10
72	** -8	** 1	** 12	** 25	** 31	** 51	** 50	# 48	** 43	# 20	** 10	** -13	** -13
73	** -4	# 12	# 20	# 13	# 31	# 39	# 50	# 51	# 38	# 30	# 19	# 1	** -4
74	# -9	# 7	# 12	# 22	# 36	# 37	** 54	# 50	# 35	# 34	# 6	** 3	# -9
75	* -7	1	5	9	33	36	56	52					
MEAN	-2.9	8.7	10.4	20.7	31.9	42.4	53.0	50.0	37.6	24.0	12.6	1.1	-4.5
S.D.	6.392	5.315	4.693	7.228	3.551	5.223	3.464	3.571	5.270	6.708	3.779	6.194	5.752
TOTAL OBS	262	244	270	258	273	266	273	279	253	273	255	258	3164

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

USAF ETAC FORM JUL 64 0-86-5 (OLA)

CESSING BRANCH
C
THER SERVICE/MAC

PSYCHROMETRIC SUMMARY

ION — FOR CARSON CU/BUTTS AAF — STATION NAME — 66-75 — YEARS — ALL — MONTH

PAGE 1 — 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
100/ 99																	.0	1	1		
98/ 97																	.0	18	18		
96/ 95																.0	.1	34	34		
94/ 93														.0	.0	.0	.2	93	93		
92/ 91										.0	.0		.0	.0	.0	.1	.2	176	176		
90/ 89										.0	.0	.0	.0	.1	.1	.2	.4	344	344		
88/ 87										.0	.0	.0	.1	.2	.2	.2	.3	482	482		
86/ 85										.0	.1	.1	.3	.3	.3	.2	.1	679	679		
84/ 83								.0	.0	.1	.1	.2	.4	.3	.3	.2	.1	789	789		
82/ 81						.0	.0	.0	.1	.1	.2	.4	.3	.3	.2	.1	.1	903	903		
80/ 79								.1	.2	.2	.4	.4	.4	.3	.1	.1	.0	1093	1093		
78/ 77							.1	.1	.3	.3	.4	.4	.4	.3	.1	.0	.0	1160	1161		
76/ 75				.0	.0	.0	.2	.3	.4	.5	.5	.4	.4	.2	.1	.0	.0	1417	1421		
74/ 73					.0	.1	.2	.3	.4	.5	.5	.4	.4	.2	.1	.1	.0	1419	1423	1	
72/ 71			.0	.0	.0	.1	.3	.4	.5	.4	.4	.3	.2	.1	.1	.0	.0	1420	1422	8	
70/ 69		.0	.0	.0	.1	.4	.4	.4	.5	.4	.4	.3	.3	.1	.1	.0	.0	1549	1554	8	
68/ 67		.0	.0	.1	.2	.4	.3	.5	.4	.4	.3	.3	.2	.1	.0	.0		1507	1515	47	5
66/ 65	.1	.0	.1	.2	.4	.4	.4	.4	.4	.4	.4	.3	.1	.0	.0	.0		1573	1579	266	12
64/ 63		.0	.1	.2	.4	.4	.5	.5	.3	.4	.4	.3	.1	.0	.0			1666	1671	762	13
62/ 61	.1	.1	.2	.4	.3	.4	.4	.4	.4	.5	.3	.2	.0					1667	1672	1461	57
60/ 59	.1	.2	.2	.3	.4	.4	.4	.4	.6	.5	.4	.1	.0					1772	1784	2258	240
58/ 57	.1	.2	.2	.3	.3	.4	.4	.5	.6	.5	.3	.0	.0					1665	1669	2600	528
56/ 55	.1	.2	.2	.3	.3	.4	.4	.5	.5	.5	.4	.1	.0					1574	1577	2696	815
54/ 53	.1	.2	.2	.2	.3	.4	.5	.6	.5	.5	.3	.1	.0					1536	1540	2375	1057
52/ 51	.1	.2	.2	.3	.4	.4	.6	.6	.4	.2	.0							1563	1566	2237	1324
50/ 49	.1	.2	.2	.4	.4	.5	.6	.6	.3	.1								1459	1466	2219	1453
48/ 47	.1	.2	.2	.3	.5	.6	.7	.5	.2	.0								1563	1571	1816	1487
46/ 45	.1	.2	.4	.4	.2	.8	.7	.4	.1	.0								1688	1690	1975	1798
44/ 43	.1	.2	.4	.5	.6	.7	.6	.1	.0									1419	1426	2173	1723
42/ 41	.1	.2	.3	.5	.6	.8	.4	.1	.0									1374	1378	2188	1667
40/ 39	.1	.3	.4	.6	.9	.6	.2	.0										1462	1464	2366	1901
38/ 37	.1	.3	.6	.7	.7	.4	.1	.0										1369	1374	2193	1844
36/ 35	.1	.3	.7	.7	.7	.3	.0	.0										1318	1320	2256	1837
34/ 33	.2	.5	.6	.8	.5	.1	.0											1232	1246	2253	1630

Element (X)	$\Sigma x'$	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												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-75 YEARS | ALL MONTH

 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
32/ 31	.2	.6	.7	.6	.3	.1	.0											1126	1133	2340	1613
30/ 29	.2	.7	.7	.7	.2	.0												1177	1184	1876	2195
28/ 27	.2	.7	.7	.5	.1	.0												1014	1019	1749	2187
26/ 25	.2	.7	.5	.3	.0													869	877	1403	2289
24/ 23	.2	.6	.3	.1	.0													637	647	1144	2126
22/ 21	.2	.5	.3	.1														507	515	899	2335
20/ 19	.2	.5	.3	.0														443	445	662	2458
18/ 17	.1	.4	.2	.0														340	340	499	1981
16/ 15	.1	.4	.1	.0														284	290	383	1888
14/ 13	.1	.2	.1															199	204	317	1502
12/ 11	.1	.2	.0															168	172	191	1466
10/ 9	.1	.3	.0															204	208	206	1493
8/ 7	.0	.2	.0															129	131	143	911
6/ 5	.0	.1	.0															76	77	120	585
4/ 3	.0	.1																59	61	74	513
2/ 1	.0	.1																54	56	65	332
0/ -1	.1	.0																42	42	64	261
-2/ -3	.0	.0																32	32	32	191
-4/ -5	.0	.0																19	19	19	128
-6/ -7	.0	.0																14	14	17	115
-8/ -9	.0																	13	13	15	93
-10/-11	.0																	1	1	1	57
-12/-13																					28
-14/-15																					26
-16/-17																					11
-18/-19																					5
-20/-21																					3
-22/-23																					1
-24/-25																					1
-34/-35																					1
TOTAL	2.7	9.9	9.5	9.5	9.2	9.1	8.3	7.8	7.2	6.6	5.3	4.4	3.6	2.6	1.9	1.2	1.6	46387	46587	46387	46386

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	121972074	2133232	46.0	22.684	46386
Dry Bulb	149646111	2482155	53.3	19.325	46587
Wet Bulb	89174445	1935735	41.7	13.454	46387
Dew Point	50262032	1364460	29.4	14.775	46386

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	180.6	5216.0	.9				8760
Dry Bulb	23.8	1458.1	2382.9	1560.8	727.6	26.3	8760
Wet Bulb	29.2	2393.4	11.6	.2			8760
Dew Point							8760

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | JAN MONTH

PAGE 1 | 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
72/ 71											.0			.0				2	2		
70/ 69										.0	.1	.1						6	6		
68/ 67								.1		.1		.1						6	6		
66/ 65									.0	.0	.1	.1	.1					9	9		
64/ 63								.1		.2	.2	.1	.1					27	27		
62/ 61							.0	.0	.2	.3	.3	.1	.1					39	39		
60/ 59							.1	.2	.3	.5	.3	.1						59	59		
58/ 57						.1	.1	.2	.4	.4	.3	.1						54	54		
56/ 55						.1	.2	.4	.5	.2	.1							59	59		
54/ 53					.0	.1	.5	1.0	.6	.5	.2	.1						115	115	2	
52/ 51					.0	.4	1.0	1.1	.5	.2	.0							126	126	3	
50/ 49				.0	.3	.4	1.0	.5	.4	.0								101	101	11	
48/ 47			.0	.0	.3	1.2	1.3	.9	.3									151	151	18	
46/ 45				.3	.6	1.5	1.4	.3	.2									184	184	43	
44/ 43			.0	.3	.9	1.4	1.1	.4										153	153	75	1
42/ 41			.0	.0	1.2	1.9	.6	.2										173	173	114	2
40/ 39		.0	.3	1.1	2.1	1.0	.4	.1										198	198	187	2
38/ 37		.2	.3	1.2	1.5	1.0	.2											187	187	216	14
36/ 35	.0	.4	.9	1.5	1.4	.3	.1	.0										180	180	272	19
34/ 33	.1	.5	.3	2.1	1.1	.2	.1											188	188	314	48
32/ 31	.2	.7	1.4	1.7	.6	.2	.1											189	189	301	92
30/ 29	.2	1.6	2.0	1.9	.6	.2												248	248	283	113
28/ 27	.4	1.3	2.3	1.1	.4													208	208	344	172
26/ 25	.5	1.3	1.6	.9	.1													177	177	287	236
24/ 23	.3	1.0	1.1	.4	.0													105	105	223	243
22/ 21	.2	1.1	1.1	.5														113	114	192	326
20/ 19	.4	1.2	.9	.2														103	103	136	345
18/ 17	.1	.2	.7	.0														75	75	108	318
16/ 15	.2	1.4	.4	.0														79	79	114	298
14/ 13	.2	.9	.4															72	72	97	245
12/ 11	.7	.8	.3															67	67	64	225
10/ 9	.7	1.5	.3															95	96	84	264
8/ 7	.2	1.7	.2															83	85	81	159
6/ 5	.2	.8	.1															38	39	67	106

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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | JAN 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
4/ 3	.1	.7																32	33	40	122
2/ 1	.2	.7																31	32	44	102
0/ -1	.6	.2																38	38	45	81
-2/ -3	.2	.4																23	23	23	61
-4/ -5	.3	.1																18	18	18	59
-6/ -7	.1	.1																7	7	10	58
-8/ -9	.1																	5	5	7	42
-10/-11	.0																	1	1	1	20
-12/-13																					13
-14/-15																					10
-16/-17																					7
-18/-19																					3
-20/-21																					3
-22/-23																					1
-24/-25																					1
-34/-35																					1
TOTAL	7.2	19.5	15.8	13.9	11.2	10.1	8.1	6.0	3.5	2.5	1.5	.5	.2	.0				3824	3833	3824	3824

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.	12227388	200952	52.6	20.887	3824							
Dry Bulb	5068371	126537	33.0	15.249	3833	17.9	352.5	2.7				744
Wet Bulb	3155995	101337	26.5	11.094	3824	20.2	499.8					744
Dew Point	1297400	58224	15.2	10.367	3824	72.4	727.3					744

USAFETAC FORM 0-26-5 (OL A) JUL 63 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 57-75 YEARS | FEB MONTH

PAGE 1 | 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
70/ 69															.1	.0		4	4		
68/ 67													.0	.0				2	2		
66/ 65											.1	.0	.1	.1	.1			11	11		
64/ 63										.0	.1	.2	.2	.1				25	25		
62/ 61										.2	.4	.3	.1					37	37		
60/ 59							.0	.1	.1	.4	.4	.4	.0					56	56		
58/ 57							.0	.2	.4	.5	.4	.2	.0					62	62		
56/ 55						.1	.1	.1	1.1	1.1	.5	.1						101	101		
54/ 53						.1	.1	.9	1.4	.9	.3	.0						128	128		
52/ 51						.2	.2	1.2	.9	.3	.1							113	113		
50/ 49					.1	.4	1.0	1.4	1.3	.2								151	151		
48/ 47			.0	.0	.2	.5	1.7	1.0	.8	.1								179	179	4	
46/ 45				.0	.4	1.2	1.9	1.5	.5									190	190	12	
44/ 43		.0		.3	.8	1.7	1.8	.3	.1									174	174	48	
42/ 41			.2	.9	1.4	2.3	1.1	.1										202	202	88	2
40/ 39		.1	.3	.7	1.9	1.0	.6	.1										189	189	195	
38/ 37		.0	.0	1.2	1.8	1.4	.3	.0										188	188	255	4
36/ 35	.1	.2	.9	1.7	2.4	.3	.1											214	214	316	6
34/ 33	.1	.4	1.1	2.1	1.8	.4	.0											203	203	366	17
32/ 31	.1	.7	1.0	1.9	1.1	.2												184	184	406	41
30/ 29	.2	1.0	1.9	1.9	.5	.1												195	196	308	83
28/ 27	.4	1.3	1.7	1.5	.3													180	180	336	129
26/ 25	.2	1.0	1.7	.7	.1													151	153	267	166
24/ 23	.2	1.3	1.4	.4	.1													116	116	220	219
22/ 21	.1	1.4	1.4	.1														107	108	165	263
20/ 19	.4	1.2	.3	.1														82	82	148	352
18/ 17	.2	1.4	.5	.0														79	79	105	335
16/ 15	.4	1.2	.2	.1														65	68	89	328
14/ 13	.3	.3	.3															32	34	65	315
12/ 11	.2	.3	.0															16	17	34	317
10/ 9		.3	.1															16	16	13	306
8/ 7		.1																5	5	10	191
6/ 5	.0	.1																6	6	8	99
4/ 3																				5	38

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 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | FEB MONTH

 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
2/ 1	.1	.1																4	4	2	60
0/ -1																				2	44
-2/ -3																					34
-4/ -5																					13
-6/ -7																					17
-8/ -9																					19
-10/-11																					9
-12/-13																					3
-14/-15																					2
-16/-17																					1
TOTAL	3.1	13.1	14.7	13.0	12.8	11.3	9.3	7.9	6.0	3.6	2.4	1.4	.5	.2	.2	.0		3467	3477	3467	3467

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.	9065862	160390	46.3	21.792	3467							
Dry Bulb	5387182	130106	37.4	12.216	3477		241.2	1.2				672
Wet Bulb	3174026	101548	29.3	7.591	3467	.4	423.1					672
Dew Point	1062180	53882	15.5	8.053	3467	27.5	666.0					672

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | MAR MONTH

PAGE 1 | 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
80/ 79															.1			2	2		
78/ 77															.0			1	1		
76/ 75													.0		.1	.0		4	4		
74/ 73											.0		.1	.1	.2	.2	.1	27	27		
72/ 71											.0	.1	.2	.2	.2	.2	.1	33	33		
70/ 69											.1	.3	.5	.2	.3	.0	.1	55	55		
68/ 67										.0	.2	.4	.3	.2	.1	.0		44	45		
66/ 65										.1	.5	.4	.4	.2	.1	.0		67	67		
64/ 63									.0	.2	.6	1.0	.4	.1	.1			91	91		
62/ 61								.1	.1	.0	1.0	.0	.2					100	100		
60/ 59								.2	.8	.5	1.1	.3	.1					127	127		
58/ 57						.1	.1	.5	1.1	1.5	.8	.2						163	163		
56/ 55						.2	.4	1.0	1.1	.9	.3							150	150		
54/ 53					.1	.2	.6	1.3	1.3	.9	.1							174	174	1	
52/ 51					.1	.4	.9	1.4	.8	.3	.0							152	152	4	
50/ 49				.0	.1	.7	.9	1.2	.5	.1								136	137	10	
48/ 47				.1	.0	1.0	1.3	1.0	.6	.1								188	188	57	
46/ 45			.1	.2	.6	1.8	1.4	.9	.3									211	211	107	
44/ 43	.1		.1	.4	.8	1.0	.8	.2	.1									158	158	200	1
42/ 41		.1	.3	.8	1.3	1.2	.5	.1										177	177	307	1
40/ 39		.1	.4	1.0	1.6	1.1	.6											192	192	374	3
38/ 37		.3	1.4	1.9	1.3	.5	.1											195	195	335	14
36/ 35		.5	1.3	1.2	1.1	.2	.0											197	197	351	32
34/ 33	.1	1.2	1.2	1.5	.9	.1	.0											198	199	347	56
32/ 31	.2	1.4	1.4	.8	.4	.1												168	168	386	83
30/ 29	.3	1.3	1.3	1.4	.3	.1												181	181	288	229
28/ 27	.0	1.6	1.4	.7	.1	.0												173	173	280	284
26/ 25	.2	1.7	1.1	.5														161	161	231	319
24/ 23	.1	1.4	.9	.2														123	123	200	337
22/ 21	.2	1.2	.5	.1														95	95	162	378
20/ 19	.0	1.0	.4															77	77	117	414
18/ 17	.2	1.0	.2	.0														54	54	70	330
16/ 15	.2	.9	.2															47	47	57	327
14/ 13	.1	.4	.0															23	23	46	236

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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | MAR 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
12/ 11	.1	.3																16	16	21	245
10/ 9	.1	.2																11	11	12	241
8/ 7	.1	.1																8	8	6	137
6/ 5		.1																3	3	6	116
4/ 3		.3																1	2	1	81
2/ 1																			1	1	36
0/ -1																					26
-2/ -3																					20
-4/ -5																					13
-6/ -7																					6
-8/ -9																					10
-10/-11																					3
TOTAL	4.3	14.0	12.3	10.0	9.2	9.3	7.5	7.7	6.6	5.3	4.0	3.2	2.1	.9	1.0	.5	.2	3984	3988	3984	3984

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.	11088622	185868	46.7	24.635	3984							
Dry Bulb	7792733	166829	41.8	14.287	3988		213.2	31.2	6.3			744
Wet Bulb	4459644	129210	32.4	8.213	3984		353.1					744
Dew Point	1646685	74201	18.6	8.152	3984	14.0	724.0					744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | APR MONTH

 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
82/ 81												.0						1	1		
80/ 79											.0	.0		.1		.0	.1	7	7		
78/ 77											.0	.0	.1		.1	.1		11	11		
76/ 75										.1		.1	.1	.1	.2	.1	.0	22	22		
74/ 73											.1	.2	.3	.4	.3	.1	.1	57	57		
72/ 71									.1	.1	.2	.3	.4	.7	.2	.0	.1	81	81		
70/ 69								.1	.1	.2	.2	.4	1.0	.5	.3	.1		108	108		
68/ 67								.1	.1	.3	.4	.8	1.0	.2	.1			118	118		
66/ 65							.0	.1	.3	.3	.9	1.4	.4	.2				137	137		
64/ 63						.0	.1	.2	.6	.9	1.0	1.0	.2	.1				154	154		
62/ 61			.0			.1	.2	.3	1.0	1.3	.8	.3	.1					169	169		
60/ 59					.0	.1	.4	.7	1.4	1.0	1.0	.2						206	206	3	
58/ 57					.1	.3	.6	.7	1.6	1.0	.6	.1						189	189	4	
56/ 55				.1	.1	.4	.7	1.2	1.3	1.0	.4	.0						207	207	12	
54/ 53			.1	.2	.4	.5	.7	1.1	.9	.7	.2							180	180	29	1
52/ 51		.0	.0	.2	.0	1.1	1.5	1.3	.4	.3	.2							221	221	45	
50/ 49		.1	.1	.0	.0	1.1	1.1	1.1	.5	.2								197	197	103	1
48/ 47	.1	.1	.2	.4	1.1	1.1	1.1	.5	.6									195	195	192	9
46/ 45		.1	.7	1.0	1.1	1.1	1.2	.4	.3									222	222	340	17
44/ 43		.2	.6	1.0	.9	.7	.4	.3	.0									159	159	432	24
42/ 41		.3	.6	1.1	.8	1.0	.4	.2										177	177	419	37
40/ 39	.1	.7	1.0	1.1	1.0	.6	.4											184	184	409	78
38/ 37	.1	.7	1.5	1.2	.5	.2	.1	.0										165	165	359	137
36/ 35	.2	.6	1.2	1.0	.4	.2	.0											143	143	327	152
34/ 33	.4	.9	.9	.6	.1	.1												114	114	328	178
32/ 31	.3	.6	1.0	.7	.2	.0												111	111	243	253
30/ 29	.2	1.1	.5	.3	.1	.0												84	84	190	293
28/ 27	.3	.7	.6	.1														58	58	141	302
26/ 25	.1	.1	.3	.1														20	20	69	340
24/ 23		.3	.3	.0														23	23	38	295
22/ 21		.4	.2															22	22	35	309
20/ 19		.3	.1															15	15	27	314
18/ 17		.2																9	9	13	231
16/ 15	.1	.1																6	6	10	192

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 57-75 YEARS | APR MONTH

PAGE 2 | 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
14/ 13	.0	.0																2	2	6	127
12/ 11		.0																1	1		115
10/ 9		.1																4	4	1	113
8/ 7																				4	70
6/ 5	.0																	1	1	1	40
4/ 3																					47
2/ 1																					34
0/ -1																					25
-2/ -3																					10
-4/ -5																					7
-6/ -7																					6
-8/ -9																					2
-10/-11																					0
-12/-13																					3
TOTAL	1.0	8.0	10.0	9.0	8.2	8.7	8.9	8.7	9.2	8.0	5.9	5.2	3.7	2.3	1.2	.4	.2	3780	3780	3780	3780

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.	8737167	158743	42.0	23.408	3780							
Dry Bulb	10052180	188818	50.0	12.813	3780		67.8	77.1	18.7	.6		720
Wet Bulb	5728773	144624	38.3	7.184	3780		148.2					720
Dew Point	2429208	88060	23.5	9.019	3780	12.4	599.2					720

USAFETAC FORM 0-26-5 (OL A) PJL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/ STA NAME | TTS AAF | 67-75 YEARS | MAY 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
90/ 89																	.0		2	2		
88/ 87																	.3		12	12		
86/ 85															.0	.0	.3		15	15		
84/ 83												.1	.0	.1	.1	.3	.1		30	30		
82/ 81												.3	.1	.2	.2	.3	.3		48	48		
80/ 79										.0	.1	.2	.2	.9	.2	.2	.2		109	109		
78/ 77									.0	.0	.4	.4	.7	.4	.2	.1	.1		104	104		
76/ 75									.2	.2	.5	1.0	.8	1.2	.2	.1			173	173		
74/ 73								.0	.3	.4	1.1	.9	1.2	.6	.4	.2			210	210		
72/ 71					.0			.1	.5	.7	.9	.8	.6	.3	.1	.0			168	168		
70/ 69						.0	.1	.3	.8	.7	1.2	.9	.7	.1	.0				203	203		
68/ 67					.0	.0	.1	1.0	.9	.9	.6	1.2	.3	.1	.0				217	217		
66/ 65					.0	.0	.0	.9	.9	1.1	.7	.7	.1	.0					229	230		
64/ 63				.2	.3	.2	1.2	1.4	1.0	.9	.7	.6	.1						260	260	2	
62/ 61				.1	.4	.9	1.0	.8	.9	.9	.6	.1	.0						232	232	6	
60/ 59			.1	.1	.3	.6	.8	.8	.7	.4	.3	.0							196	196	35	1
58/ 57		.0	.2	.3	.6	1.0	1.0	.9	.7	.4	.1								224	224	81	
56/ 55		.2	.6	1.0	.8	1.4	.9	.7	.5	.2	.1								252	252	224	1
54/ 53		.1	.3	.7	1.1	.9	.7	.4	.3	.2									191	191	368	11
52/ 51		.2	.5	1.1	1.2	.8	.4	.4	.1	.0									195	195	420	43
50/ 49		.4	.0	1.3	1.0	.5	.4	.3	.1										183	183	520	65
48/ 47	.1	.7	.3	1.2	.8	.4	.3	.2	.0										187	188	459	90
46/ 45	.2	.9	1.3	.9	.3	.4	.2	.2											188	188	493	220
44/ 43	.0	.7	1.0	.9	.2	.3	.1												135	135	414	255
42/ 41	.1	.7	.4	.5	.2	.1	.0	.0											82	82	349	268
40/ 39	.3	.0	.4	.2	.1	.1	.0	.0											80	80	250	377
38/ 37	.1	.2	.3	.2	.1	.1	.0												39	39	152	392
36/ 35	.1	.3	.1	.1	.1														27	27	108	332
34/ 33	.0	.2	.1	.1	.0	.0													22	22	59	303
32/ 31	.0	.2		.1															13	13	44	292
30/ 29				.0	.0	.0													3	3	25	252
28/ 27				.0															1	1	10	205
26/ 25		.0																	1	1	8	155
24/ 23																					3	135

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 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64 USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 57-75 YEARS | MAY 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
22/ 21																					143
20/ 19																				1	133
18/ 17																					88
16/ 15																					80
14/ 13																					41
12/ 11																					48
10/ 9																					46
8/ 7																					14
6/ 5																					13
4/ 3																					10
2/ 1																					6
0/ -1																					3
-2/ -3																					3
-4/ -5																					4
-6/ -7																					2
TOTAL	1.0	5.7	6.5	9.2	8.0	9.0	8.1	8.6	8.1	7.3	7.3	7.0	5.3	4.0	2.4	1.3	1.4		4033		4031
																		4031		4031	

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.	9359981	171345	42.5	22.700	4031							
Dry Bulb	1510740	242228	60.1	11.773	4033		3.3	238.2	129.7	28.2		744
Wet Bulb	8876409	187497	46.5	6.206	4031		16.8					744
Dew Point	4833967	133773	33.2	9.895	4031	2.2	308.8					744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON, CO/BUTTS AAF STATION NAME | 67-75 YEARS | JUL MONTH

PAGE 1 | 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
98/ 97																	.0	2	2		
96/ 95																	.2	10	10		
94/ 93															.1	.1	.8	40	40		
92/ 91										.3	.1			.0	.1	.1	1.0	51	51		
90/ 89										.0	.0		.1	.2	.2	.1	1.2	77	77		
88/ 87										.1	.0	.1	.1	.2	.3	.4	1.1	94	94		
86/ 85										.0	.0	.1	.5	.4	.7	.9	.4	133	133		
84/ 83									.1	.1	.1	.4	.9	.9	1.1	.6	.4	180	180		
82/ 81						.1	.0		.1	.1	.3	.8	.9	1.3	1.0	.6	.3	219	219		
80/ 79								.0	.1	.3	.8	1.4	1.5	1.1	.3	.2	.0	234	234		
78/ 77							.2	.1	.4	.6	1.1	1.6	1.3	.6	.3	.1	.0	262	262		
76/ 75						.0	.1	.3	.4	1.3	1.2	1.6	.8	.6	.1	.1		280	280		
74/ 73					.0	.1	.3	.7	.9	1.2	1.2	.9	.6	.1	.1			254	254	1	
72/ 71				.3	.0	.1	.0	.9	1.3	1.1	1.4	.5	.3	.0				254	254	8	
70/ 69				.1	.1	.3	.6	.9	1.1	1.1	.7	.3	.1	.1				232	233	3	
68/ 67				.0	.2	.0	.7	1.2	1.3	.9	.5	.2	.1	.0				238	239	8	1
66/ 65				.1	.3	.6	.8	1.1	.9	.0	.4	.0						213	214	38	4
64/ 63			.1	.3	.4	1.1	1.1	.8	.6	.4	.1							221	222	58	7
62/ 61			.3	.7	.7	.7	.9	.0	.4	.1	.0							180	180	176	5
60/ 59		.2	.3	.7	1.0	.7	.6	.0	.2	.0								179	179	343	25
58/ 57		.2	.3	.5	.3	.0	.4	.2	.2									137	137	557	33
56/ 55	.3	.4	.3	.7	.4	.0	.2	.2										123	124	679	72
54/ 53	.1	.3	.4	.5	.4	.3	.2	.1										103	103	590	135
52/ 51	.3	.3	.3	.6	.3	.3	.1	.1										99	99	497	217
50/ 49	.1	.2	.4	.0	.1	.0			.0									69	69	394	266
48/ 47	.1	.1	.4	.0	.2	.1												38	38	254	287
46/ 45	.0	.3	.4	.0	.1													36	36	178	374
44/ 43	.1	.3	.2	.0														22	22	98	328
42/ 41	.1	.2	.1	.0														14	14	66	316
40/ 39	.0	.1	.0	.0			.0											11	11	36	391
38/ 37	.1	.1		.0														11	11	24	336
36/ 35	.0																	1	1	5	405
34/ 33																				3	193
32/ 31																					175

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 57 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) JUN (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
30/ 29						•0												1	1	1	152
28/ 27																					115
26/ 25																					81
24/ 23																					54
22/ 21																					45
20/ 19																				1	28
18/ 17																					19
16/ 15																					11
14/ 13																					15
12/ 11																					9
10/ 9																					13
8/ 7																					3
-4/ -5																					1
TOTAL	1.1	3.1	4.1	5.1	5.9	7.1	7.1	7.6	8.2	8.1	8.1	6.6	7.3	5.6	4.4	3.2	5.7		4023		4018
																		4018		4018	

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.	7984946	157664	39.2	21.159	4018							
Dry Bulb	20387011	282035	70.1	11.485	4023		•2	458.5	328.6	161.4	9.3	720
Wet Bulb	11622661	215013	53.5	5.522	4018		•4	3.6	•2			720
Dew Point	6893111	162395	40.4	9.058	4018	•2	129.2	•2				720

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | JUL MONTH

PAGE 1 | 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
100/ 99																	.0	1	1		
98/ 97																	.2	8	8		
96/ 95																.0	.5	20	20		
94/ 93														.0	.0	.1	.6	31	31		
92/ 91													.0	.0	.3	.6	1.0	78	78		
90/ 89												.0	.1	.3	.7	.9	1.3	135	135		
88/ 87											.1	.1	.9	1.0	1.2	.6	.9	194	194		
86/ 85										.1	.5	.9	1.3	1.5	.7	.4	.4	238	238		
84/ 83										.4	.8	1.5	1.5	.7	.3	.2	.2	240	240		
82/ 81								.0	.3	1.1	1.4	1.8	.9	.5	.2	.1	.1	260	260		
80/ 79								.5	1.6	1.3	1.7	1.0	.4	.1	.1	.0	.1	280	280		
78/ 77							.4	1.0	1.8	1.3	1.3	.4	.1	.2	.1	.0	.0	274	274		
76/ 75				.0	.0	.1	1.2	1.9	1.9	1.3	.7	.2	.2	.1	.1			312	312		
74/ 73					.1	.6	1.4	1.4	1.3	.9	.4	.2	.1	.1				268	268		
72/ 71			.1	.0	.2	.9	1.6	1.6	1.1	.2	.1	.1	.1	.0				250	250		
70/ 69		.0	.0	.3	.9	1.8	1.4	1.0	.5	.3	.0	.0	.0					259	259	4	
68/ 67		.0	.0	.4	1.1	1.6	1.0	.5	.2	.1	.1	.1						213	213	26	4
66/ 65	.0	.1	.4	1.2	1.6	1.2	.7	.3	.1	.1		.0						233	233	161	5
64/ 63		.1	.9	.9	1.3	1.1	.4	.1	.1	.0								208	208	450	5
62/ 61	.0	.7	1.0	1.2	.8	.4	.3	.0	.0	.0								187	187	719	32
60/ 59	.1	.9	1.0	1.0	.8	.1	.0	.0	.1									162	162	870	124
58/ 57	.2	.5	.5	.7	.3	.0		.0										94	94	705	314
56/ 55		.5	.4	.4	.1		.0											59	59	491	394
54/ 53		.4	.1	.1														27	27	274	429
52/ 51		.3	.1		.0													19	19	198	489
50/ 49		.3	.0		.0													14	14	111	483
48/ 47		.0																2	2	35	442
46/ 45																				16	270
44/ 43																				6	240
42/ 41																					167
40/ 39																					158
38/ 37																					84
36/ 35						.0												1	1		56
34/ 33																					54

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature						
≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

FORM 10-26-5 (OL-A) JUL 64 USAFETAC — REVISED PREVIOUS EDITIONS OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | JUL MONTH

PAGE 2 | 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
32/ 31																					41
30/ 29																					45
28/ 27																					35
26/ 25																				1	21
24/ 23																					15
22/ 21																					15
20/ 19																					22
18/ 17																					3
16/ 15																					3
14/ 13																					7
12/ 11																					0
10/ 9																					3
8/ 5																					1
TOTAL	.1	3.9	4.7	5.2	7.4	7.9	8.5	8.4	9.2	7.2	7.2	6.5	5.7	4.7	3.9	3.0	5.3		4067		4067
																		4067		4067	

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.	9977533	182629	44.9	20.903	4067							
Dry Bulb	22826592	302052	74.3	9.838	4067			560.0	427.9	247.0	11.0	744
Wet Bulb	13992321	237969	58.5	4.097	4067		.2	5.5				744
Dew Point	9720050	196058	48.2	8.129	4067		34.7	.7				744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | AUG MONTH

 | 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
98/ 97																	.2	8	8		
96/ 95																	.1	4	4		
94/ 93															.1	.1	.4	22	22		
92/ 91														.0	.1	.2	.8	47	47		
90/ 89													.0	.1	.2	.3	1.7	121	121		
88/ 87											.0	.1	.3	.0	1.1	.8	.9	162	162		
86/ 85										.1	.1	.5	1.0	1.5	1.5	.6	.3	238	238		
84/ 83								.0	.0	.1	.5	.9	1.3	1.6	1.0	.2	.0	245	245		
82/ 81								.0	.3	.4	1.0	1.8	1.2	1.2	.3	.0		262	262		
80/ 79								.3	.4	1.0	1.5	1.6	1.1	.5	.1			277	277		
78/ 77							.1	.6	1.3	1.4	1.4	1.1	.7	.3	.1	.0		298	298		
76/ 75						.1	.4	1.2	1.6	1.5	1.7	.4	.2	.0	.0			308	306		
74/ 73					.0	.3	.9	1.2	1.5	1.6	.7	.3	.0	.0				274	274		
72/ 71					.2	.6	1.2	1.0	1.0	.8	.4	.2	.0					282	282		
70/ 69				.1	.0	1.3	1.6	1.1	1.1	.6	.3	.0	.0					290	290	1	
68/ 67		.0	.1	.2	1.0	1.3	1.3	1.2	.4	.2	.0	.0	.0					245	245	13	
66/ 65	.4		.3	.6	1.1	1.3	1.0	.4	.4	.1	.0							224	225	67	3
64/ 63		.1	.5	.6	1.1	1.3	.7	.6	.1	.1								218	218	248	1
62/ 61		.3	.7	1.6	.8	1.0	.4	.1	.1		.0							211	211	514	19
60/ 59	.1	.9	.9	.9	.6	.6	.3	.0	.1									195	195	828	89
58/ 57	.2	.6	.7	.7	.7	.3	.0											130	132	886	159
56/ 55	.1	.6	.3	.5	.2	.6		.0	.0									73	73	730	274
54/ 53	.0	.3	.2	.3	.1		.0											40	40	429	352
52/ 51	.1	.2	.2	.1	.0													34	34	235	396
50/ 49	.1	.1	.0	.0														12	12	184	444
48/ 47	.1	.0		.0														6	6	60	418
46/ 45	.1	.1																6	6	25	460
44/ 43	.1																	1	1	9	424
42/ 41																				4	333
40/ 39																					298
38/ 37																					205
36/ 35																					145
34/ 33																					87
32/ 31																					53

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 A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | AUG MONTH

PAGE 2 | 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
30/ 29																					31
28/ 27																					10
26/ 25																					7
24/ 23																					7
22/ 21																					3
20/ 19																					1
18/ 17																					1
16/ 15																					3
14/ 13																					4
TOTAL	1.0	3.3	4.3	5.0	6.8	8.1	7.9	8.4	8.9	7.8	7.7	7.0	6.0	6.1	4.2	2.8	4.3		4236		4233
																		4233		4233	

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.	9718794	183112	43.3	20.616	4233							
Dry Bulb	23091001	309965	73.2	9.835	4236			541.5	398.0	220.1	6.0	744
Wet Bulb	13912584	242092	57.2	3.978	4233			2.5				744
Dew Point	9328[illegible]	196436	46.4	7.044	4233		22.1					744

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USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | SEP MONTH

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
90/ 89															.0	.0	.2	9	9		
88/ 87														.1	.1	.1	.2	20	20		
86/ 85												.0	.1	.1	.4	.7	.1	55	55		
84/ 83													.5	.4	.6	.8	.2	91	91		
82/ 81											.1	.2	.7	.7	.6	.3		107	107		
80/ 79										.1	.4	.8	.8	1.1	.4	.2	.1	151	151		
78/ 77									.1	.2	.6	.8	1.0	1.1	.2	.1		156	156		
76/ 75								.2	.4	.9	1.2	1.0	1.4	.4		.0		223	223		
74/ 73							.2	.3	.4	1.1	1.6	1.2	.7	.1	.1			214	214		
72/ 71						.1	.3	.6	1.0	.9	1.0	.6	.3					186	186		
70/ 69					.0	.3	.4	.9	1.3	1.2	.8	.4	.1	.0				218	218		
68/ 67					.3	.6	.5	1.5	1.1	1.1	.4	.2	.0					220	220		
66/ 65				.1	.9	.6	.8	1.2	1.1	.7	.3	.0						223	223		
64/ 63		.0	.1	.4	.7	.7	1.4	1.4	.6	.4	.2	.0						220	220	4	
62/ 61		.1	.3	.8	.7	1.0	1.1	1.1	.5	.2	.1	.0						224	224	45	1
60/ 59		.2	.5	.7	.8	1.5	.8	.6	.4	.1	.1							215	215	174	1
58/ 57	.3	.5	.5	.9	1.2	.9	.9	.7	.2	.1								232	232	352	22
56/ 55	.2	.4	.6	.8	.9	.7	.6	.3	.1									174	174	504	74
54/ 53	.1	1.1	.6	.4	.6	.7	.5	.2										162	162	544	129
52/ 51	.1	1.1	.7	.8	.5	.4	.2	.0										153	153	551	175
50/ 49	.2	.8	.8	.6	.5	.4	.1	.0										133	133	496	184
48/ 47	.2	.6	.7	.8	.5	.2	.1											113	113	287	211
46/ 45	.1	.7	.7	.6	.3	.1												93	93	240	288
44/ 43	.1	.4	.7	.5	.2	.0												75	76	207	359
42/ 41	.1	.4	.3	.4	.1													48	48	141	369
40/ 39	.1	.3	.2	.2	.1													43	43	104	338
38/ 37	.1	.1	.3	.1														24	24	73	332
36/ 35		.2	.1	.1														13	13	44	322
34/ 33	.1	.1	.1															9	9	25	243
32/ 31	.1	.3																13	13	11	200
30/ 29	.1	.2																9	9	22	216
28/ 27		.0																1	1	2	137
26/ 25																				1	101
24/ 23																					39

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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | SEP MONTH

PAGE 2 | 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
22/ 21																					32
20/ 19																					15
18/ 17																					19
16/ 15																					5
14/ 13																					5
12/ 11																					6
10/ 9																					3
8/ 7																					1
TOTAL	1.7	7.6	7.4	9.0	8.4	8.2	7.8	9.0	7.5	7.0	6.9	5.5	5.5	3.9	2.7	2.2	.8	3827	3828	3827	3827

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.	1054305	180082	47.1	23.256	3827							
Dry Bulb	1607003	243788	63.7	11.928	3828		4.3	310.3	103.0	66.2		720
Wet Bulb	9914391	193383	50.5	0.103	3827		0.8					720
Dew Point	6256091	151429	39.6	8.311	3827		146.6					720

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | OCT MONTH

 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
84/ 83													.0	.0		.0		3	3		
82/ 81														.1	.0	.1		6	6		
80/ 79											.0	.1	.1	.2	.2	.2	.1	33	33		
78/ 77									.0		.1	.2	.3	.5	.2	.1		54	55		
76/ 75									.1	.0	.3	.3	.9	.4	.4	.1		95	99		
74/ 73										.2	.3	.7	.9	.6	.1	.1		103	110		
72/ 71							.0	.1	.2	.5	1.0	1.1	.8	.1	.1			150	152		
70/ 69								.1	.5	.6	1.3	.6	.5	.1	.0			147	151		
68/ 67							.1	.3	.6	.8	1.3	.6	.4	.1				166	173		
66/ 65					.0	.1	.2	.5	.9	1.0	1.1	.3	.1					162	163		
64/ 63						.1	.4	.7	.8	1.0	.7	.2						153	154		
62/ 61					.1	.2	.8	.9	1.2	1.1	.2	.2	.1					184	186	1	
60/ 59					.2	.8	1.2	1.0	1.5	.8	.2	.2						225	225	5	
58/ 57				.2	.4	.7	1.1	1.2	1.1	.4	.1	.0						204	204	15	
56/ 55				.2	.7	.9	1.4	1.3	.6	.2								206	206	55	
54/ 53		.0	.2	.5	.7	1.3	1.2	.7	.3	.1								198	200	137	
52/ 51			.2	.6	1.2	1.1	1.2	.5	.1	.1								200	203	273	4
50/ 49	.1	.2	.3	1.0	1.1	.9	.5	.4	.1	.1								198	198	359	8
48/ 47	.1	.2	.5	1.2	1.2	.9	.6	.1	.0									189	192	390	30
46/ 45		.2	1.0	1.5	.9	.7	.2	.1	.0									185	185	393	65
44/ 43		.7	1.2	1.1	.6	.7	.3	.0										204	205	437	89
42/ 41	.1	.6	.8	.5	.7	.3	.1											136	137	384	162
40/ 39	.3	1.0	1.0	1.0	.9	.1												165	166	360	242
38/ 37	.2	1.1	1.0	.6	.4	.1												148	150	259	308
36/ 35	1.0	.8	1.1	.4	.2	.0												140	142	262	413
34/ 33	.4	1.0	.7	.1	.1													101	104	192	335
32/ 31	.7	.9	.3	.1														76	77	192	383
30/ 29	.3	.2	.2	.0	.0													41	41	109	403
28/ 27	.1	.3	.1															19	19	42	349
26/ 25	.1	.3	.1															17	17	24	305
24/ 23	.1	.3																16	16	21	196
22/ 21	.1	.2	.1															12	12	16	186
20/ 19	.2	.2	.0															16	16	15	180
18/ 17	.1																	4	4	10	88

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 A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | JULY 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
16/ 15	.1																	2	2	2	49
14/ 13	.1																	3	3	3	52
12/ 11																					33
10/ 9																					19
8/ 7																					22
6/ 5																					12
4/ 3																					11
2/ 1																					7
0/ -1																					4
-2/ -3																					4
-10/-11																					1
-12/-13																					1
TOTAL	4.2	8.5	9.2	9.4	9.4	9.1	9.5	7.7	8.1	6.8	6.4	4.4	4.0	1.8	1.1	.5	.1	3961	4009	3961	3961

Element (X)	$\Sigma X'$	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.	1121382	188396	47.6	23.854	3961							
Dry Bulb	12139777	214127	53.4	13.242	4009		38.4	145.1	56.8	4.1		744
Wet Bulb	7261927	167097	42.2	7.331	3961		81.5					744
Dew Point	3900105	119861	30.3	8.304	3961	1.9	433.0					744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION — FORT CARSON CO/BUTTS AAF STATION NAME — 66-74 YEARS — JUL MONTH

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				
74/ 73												.0	.1	.0	.1	.1		0	0		
72/ 71									.0			.1	.1		.1			12	12		
70/ 69										.0	.1	.0	.1	.2				25	25		
68/ 67										.1	.3	.1	.3	.1				32	32		
66/ 65								.0	.1	.2	.5	.5	.3	.0				53	61		
64/ 63							.0	.1	.2	.7	.6	.4	.1	.0				73	76		
62/ 61						.0	.1	.1	.3	.5	.8	.3	.1					78	81		
60/ 59								.3	.5	1.1	.7	.2						114	126		
58/ 57					.0	.0	.1	.8	1.2	.5	.2	.1						119	121		
56/ 55					.1	.1	.2	.7	1.0	.4	.1							107	109	1	
54/ 53				.1	.1	.2	.7	1.1	.9	.5								136	138	1	
52/ 51					.2	.3	.3	1.3	.8	.1								154	154	6	
50/ 49				.0	.0	1.5	1.3	1.0	.4	.1								176	182	26	
48/ 47				.2	.7	1.9	1.5	.9	.3									194	200	57	
46/ 45			.1	.4	1.5	1.7	1.3	.4		.1								191	193	102	3
44/ 43			.1	.8	1.2	1.6	.8	.1										173	178	204	1
42/ 41		.1	.5	1.5	1.6	1.6	.4											200	203	249	8
40/ 39			.8	1.7	2.1	.8	.1											195	196	319	9
38/ 37		.3	1.5	1.7	1.5	.5												196	199	336	13
36/ 35	.1	.8	1.8	1.5	1.0	.2												192	198	349	41
34/ 33	.5	1.7	1.8	1.3	.6	.0												219	226	360	102
32/ 31	.4	1.7	1.8	.9	.4													181	187	369	175
30/ 29	.3	2.5	1.6	.6	.1													194	199	306	301
28/ 27	.6	2.1	1.2	.5	.0													161	166	284	327
26/ 25	.8	2.3	1.3	.2														153	157	199	392
24/ 23	.1	1.2	.7	.0														73	76	140	388
22/ 21	.3	.9	.1	.0														47	50	98	361
20/ 19	.1	.7	.2															35	36	59	351
18/ 17	.1	.5	.2	.0														27	27	37	266
16/ 15		.4	.1															15	18	25	262
14/ 13	.1	.3	.0															17	18	23	174
12/ 11	.0	.1	.0															4	4	10	147
10/ 9	.0	.1	.0															7	7	5	118
8/ 7		.0																1	1	5	53

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	s_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-A) JUL 64 — USAFETAC — REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | NOV 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
6/ 5		.0																1	1	2	29
4/ 3																					19
2/ 1																					7
0/ -1																					8
-2/ -3																					9
-4/ -5																					2
-6/ -7																					2
-8/ -9																					
-10/-11																					
-14/-15																					1
-18/-19																					1
TOTAL	.0	15.5	13.7	11.7	12.8	10.8	7.3	6.8	6.2	4.7	3.3	2.0	.9	.4	.2	.1		3571	3668		3571

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.	1100281	180697	50.6	22.821	3571							
Dry Bulb	699464	153413	41.8	12.557	3668		185.9	15.3	1.8			720
Wet Bulb	419954	119960	33.5	7.420	3571		314.7					720
Dew Point	1883560	77750	21.8	7.296	3571	5.0	684.3					720

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (YEARS) DEC (MONTH)

PAGE 1 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
72/ 71												.0		.0				2	2		
70/ 69												.0	.0					2	2		
69/ 67												.0	.1	.1				5	5		
66/ 65												.1	.1					6	6		
64/ 63										.2	.1	.1	.1					16	16		
62/ 61							.1		.1	.2	.1	.2	.0					26	26		
60/ 59							.0	.1	.3	.2	.3	.1						38	38		
58/ 57							.0	.1	.3	.4	.0	.0						57	57		
56/ 55				.0	.0	.0	.0	.2	.4	.7	.2	.0						63	63		
54/ 53					.0	.0	.2	.4	1.0	.0	.1							82	82		
52/ 51					.1	.1	.5	.7	.7	.0								97	97		
50/ 49				.1	.1	.2	.5	1.0	.5	.1								89	89	5	
48/ 47				.0	.1	.5	.8	1.4	.4	.0								119	119	3	
46/ 45		.0	.0	.2	.3	1.0	1.7	1.3	.2	.0								182	182	26	1
44/ 43		.0	.1	.1	.3	1.3	1.9	.4										165	165	43	1
42/ 41			.1	.3	.5	1.7	1.4	.2	.0									165	165	67	2
40/ 39		.0	.1	.7	2.2	1.8	.9	.0										205	205	132	5
38/ 37		.1	.5	1.3	2.0	1.8	.4											216	216	184	5
36/ 35	.1	.1	1.3	1.2	2.1	1.4												210	210	222	12
34/ 33	.1	.4	1.2	1.4	1.4	.5												179	179	209	14
32/ 31	.2	.7	1.3	1.5	1.4	.2												191	191	3	25
30/ 29	.2	.8	1.5	2.3	.8	.1												221	222	344	77
28/ 27	.1	1.7	1.8	1.0	.2													213	213	310	116
26/ 25	.3	1.1	1.7	1.4	.1													189	191	315	166
24/ 23	.1	1.8	1.0	.5	.0													181	183	299	198
22/ 21	.3	1.3	.9	.3														111	114	231	274
20/ 19	.4	1.7	.0	.1														114	116	159	303
18/ 17	.2	1.3	.0	.1														92	92	156	277
16/ 15	.2	1.1	.2															70	70	86	331
14/ 13	.3	.6	.3															50	52	77	281
12/ 11	.4	1.2	.2															64	67	62	315
10/ 9	.2	1.1	.1															71	72	84	365
8/ 7	.1	.7																32	32	37	261
6/ 5	.1	.6																27	27	36	163

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												

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PROCESSING BRANCH
ETAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (YEARS) DEC (MONTH)

PAGE 2 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
4/ 3	.3	.4																26	26	23	135
2/ 1	.1	.4																19	19	13	80
0/ -1	.1	.0																4	4	17	70
-2/ -3	.1	.2																9	9	9	44
-4/ -5	.3																	1	1	1	29
-6/ -7	.1	.1																7	7	7	24
-8/ -9	.2																	8	8	3	19
-10/-11																					11
-12/-13																					8
-14/-15																					1
-16/-17																					3
-18/-19																					1
TOTAL	0.2	16.6	14.5	13.3	13.0	10.5	8.3	5.8	3.9	3.0	1.5	.7	.3	.1				3624	3645	3624	3623

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.	1105157	183356	50.6	22.119	3623							
Dry Bulb	729183	121659	33.4	13.545	3645	3.9	351.3	1.8				744
Wet Bulb	576168	96394	26.6	9.283	3624	8.6	548.3					744
Dew Point	1011477	51775	14.3	8.659	3623	44.4	735.8					744

USAFETAC FORM 0-26-5 (OL JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 71-74 YEARS | JAN MONTH

PAGE 1 | 0300-0500 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
54/ 53							3.4											1	1		
48/ 47									3.4									1	1		
46/ 45					3.4													1	1		
42/ 41					3.4	3.4												2	2	1	
40/ 39		3.4																1	1		
38/ 37																				2	
36/ 35				3.4		3.4												2	2	1	1
34/ 33				0.2														2	2	1	
32/ 31		3.4			3.4													2	2	1	
30/ 29		3.4	3.4		3.4													3	3	3	2
28/ 27		3.4	3.4															2	2	4	1
26/ 25		3.4	6.8															3	3	2	2
24/ 23			3.4															1	1	2	
22/ 21			3.4															1	1	3	3
20/ 19																				2	2
18/ 17		10.2																3	3	1	1
16/ 15		3.4																1	1	2	2
14/ 13			3.4															1	1	1	2
12/ 11																					3
10/ 9																				1	5
8/ 7																					1
6/ 5																					1
4/ 3		3.4																1	1		
2/ 1	3.4																	1	1	2	
-2/ -3																					1
-4/ -5																					1
-6/ -7																					1
TOTAL	3.4	34.2	24.1	10.3	13.8	6.8	3.4		3.4									29	29		29
																		29		29	

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.	115693	1755	60.5	18.405	29							
Dry Bulb	27350	820	28.3	12.209	29		60.9					93
Wet Bulb	19113	691	23.8	9.729	29		77.3					93
Dew Point	9440	436	15.0	10.151	29	9.6	89.8					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | JAN MONTH

PAGE 1 | 0600-0800 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 - o	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
58/ 57										.1	.1							2	2		
56/ 55											.1							1	1		
54/ 53										.1								1	1		
52/ 51						.2		.3										4	4		
50/ 49				.1	.0		.1											6	6		
48/ 47			.1			.3	.4	.4	.1									13	13		
46/ 45					.7	1.2	.3	.3	.1									18	18		
44/ 43					.9	1.2	.7	.1										20	20	4	
42/ 41				.0	.0	1.3	.1											20	20	4	1
40/ 39			.3	.7	2.4	.7	.9	.4										29	29	2	
38/ 37		.4	.7	.4	1.2	1.0	.4											29	29	21	1
36/ 35		.0	1.0	1.0	2.3	.4												38	38	27	2
34/ 33		.1	.0	3.2	1.0	.3												36	36	34	7
32/ 31		.9	1.2	3.1	1.2	.1												45	45	44	9
30/ 29	.4	1.7	1.7	3.3	.9	.3												58	58	40	10
28/ 27	.4	1.0	3.0	1.2	.3													49	49	82	27
26/ 25	.0	1.5	3.5	.0	.1													43	43	70	30
24/ 23	.2	1.1	1.5	.2	.1													24	24	63	26
22/ 21	.2	2.3	1.9	.4														27	27	41	40
20/ 19	.2	1.2	1.3	.4														22	22	25	53
18/ 17	.7	1.7	.7															22	22	34	53
16/ 15	.3	1.9	.9	.1														22	22	25	58
14/ 13	.7	1.7	.4															23	23	20	48
12/ 11	.3	2.0	.3															22	22	18	49
10/ 9	1.2	1.2	.0															20	20	29	44
8/ 7	.0	2.3																21	21	12	39
6/ 5	.2	1.3																11	12	15	25
4/ 3		1.0																7	7	9	36
2/ 1	.4	.4																6	6	11	21
0/ -1	1.0	.1																12	12	13	21
-2/ -3	.1	.0																8	8	8	16
-4/ -5	.1	.4																8	8	6	17
-6/ -7	.3	.3																4	4	6	12
-8/ -9	.1																	5	5	6	13

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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FT CARSON CO/BUTTS AAF STATION NAME | 67-72 YEARS | JAN MONTH

PAGE 2 | 0600-0800 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
-10/-11	.1																	1	1	1	12
-12/-13																					4
-14/-15																					6
-16/-17																					1
-18/-19																					1
-20/-21																					1
-22/-23																					1
-24/-25																					1
TOTAL	1	25.0	21.8	15.0	12.4	6.3	2.9	1.0	.3	.3	.3							687	688	687	687

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.	2678120	40638	59.4	19.111	687							
Dry Bulb	503838	17792	25.9	13.443	688	5.1	62.3					93
Wet Bulb	398887	14785	21.5	10.846	687	5.4	89.5					93
Dew Point	184690	8380	12.2	10.965	687	14.3	91.3					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | JAN MONTH

PAGE 1 | 0900-1100 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
68/ 67								.1										1	1		
62/ 61									.1									1	1		
60/ 59							.1	.3	.1	.3	.2	.1						9	9		
58/ 57						.1	.1		.1		.4							6	6		
56/ 55						.1	.1	.7		.1								8	8		
54/ 53						.4	.7	1.3	.4	.4	.1							25	25	1	
52/ 51						.3	1.0	1.3	.5	.1								25	25		
50/ 49					.1	.4	1.2	.4	.4									19	19		
48/ 47					.1	.8	1.1	1.0	.3									34	34	2	
46/ 45				.7	.8	2.2	1.2	.9										45	45	6	
44/ 43				.1	.5	2.0	1.4	.4										34	34	7	1
42/ 41			.1	.9	1.0	3.1	.7	.1										46	46	15	
40/ 39				1.2	2.0	.6	.1	.1										37	37	37	
38/ 37		.2	1.0	.9	1.8	1.5												39	39	42	2
36/ 35		.5	.7	1.3	1.2	.4	.1	.1										33	33	56	2
34/ 33		.9	1.2	2.0	2.2	.1	.1											50	50	76	12
32/ 31	.2	.9	1.3	1.2	.4													30	30	77	19
30/ 29	.4	.8	1.0	1.0	.9	.2												42	42	54	23
28/ 27	.1	1.0	2.0	1.3	.4													43	43	56	33
26/ 25	.8	1.3	.7	1.7	.3													36	36	62	42
24/ 23	.1	1.0	.7	.9														27	27	38	49
22/ 21	.4	1.0	1.0	.5														23	23	41	74
20/ 19	1.0	1.2	1.4	.1														29	29	34	87
18/ 17	.1	.4	1.0	.1														13	13	25	49
16/ 15	.2	1.8	.5															20	20	24	52
14/ 13	.5	1.4	.4															18	18	27	52
12/ 11	.3	.5	.1															9	9	13	43
10/ 9	.4	1.1	.4															20	22	13	54
8/ 7	.7	1.2	.1															15	15	21	40
6/ 5		.7	.1															6	6	9	23
4/ 3	.4	.8																9	10	8	21
2/ 1		.8																6	6	9	20
0/ -1	.4	.3																5	5	7	19
-2/ -3		.3																2	2	4	7

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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 FORT CARSON CO/BUTTS AAF 57-75 JAN
STATION STATION NAME YEARS MONTH

PAGE 2 0900-1100
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				
-4/ -5	.1	.1																2	2	1	0
-6/ -7		.1																1	1	1	14
-8/ -9																				1	11
-10/-11																					4
-14/-15																					2
-16/-17																					1
-18/-19																					1
-20/-21																					2
TOTAL	7.1	17.7	14.0	14.2	12.4	12.1	8.6	7.3	2.6	.7	.8	.1						768	771	768	768

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. ... with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2487259	407228	53.0	20.661	768							
Dry Bulb	966624	25060	32.5	14.054	771	1.2	43.3	.1				93
Wet Bulb	651771	20229	26.3	10.399	768	1.7	63.7					93
Dew Point	258795	11754	15.3	10.145	768	8.4	90.9					91

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | JAN MONTH

PAGE 1 | 1200-1400 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
72/ 71											.1			.1				2	2		
70/ 69											.1	.3						3	3		
68/ 67										.1								1	1		
66/ 65									.1	.1	.1	.3						5	5		
64/ 63								.3		.3	.6	.1	.3					19	18		
62/ 61							.1	.1	.3	.6	.2		.4					20	20		
60/ 59							.3	.5	.7	1.3	.8	.3						29	29		
58/ 57							.4	.2	.8	.9	.3	.1						23	23		
56/ 55						.4	.3	.9	1.2	.4	.3							26	26		
54/ 53					.1	.1	.8	1.9	.8	1.1	.4	.1						40	40		
52/ 51					.1	.4	2.4	1.8	.7	.4	.1							42	42	1	
50/ 49					.1	.3	1.7	.8	.5	.1								29	29	8	
48/ 47					.5	2.5	.9	.9	.3									39	39	7	
46/ 45				.3	.9	.9	1.3	1.1	1.1									42	42	25	
44/ 43				.3	.7	2.0	1.6	.4										37	37	35	
42/ 41				.5	1.0	2.2	.7	.4										41	41	43	
40/ 39			.4	.9	1.7	.9	.4											33	33	07	
38/ 37		.1	.9	1.2	1.1	1.8												37	37	57	6
36/ 35			1.2	1.1	1.2	.1												29	29	64	9
34/ 33		.4	.8	.9	.9	.1												24	24	69	10
32/ 31	.1	.7	1.5	.7	.7	.1												29	29	70	24
30/ 29	.1	1.7	2.3	1.2	.3													42	42	55	30
28/ 27	.7	.4	.3	.4	.4													20	20	57	49
26/ 25		1.1	1.3	.7														24	24	34	61
24/ 23		.3	.9															9	9	20	53
22/ 21		.4	.7	.4														11	11	24	81
20/ 19	.1	.9	.7	.1														14	14	16	62
18/ 17	.1	.4	.4															10	10	11	56
16/ 15	.1	1.3	.3															13	13	20	59
14/ 13	1.1	.1	.4															12	12	17	40
12/ 11	.9	.3	.7															11	11	6	34
10/ 9	.3	1.3	.1															15	16	10	47
8/ 7	.1	1.3	.5															15	15	16	30
6/ 5		.4																3	3	10	14

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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | JAN MONTH

PAGE 2 | 1200-1400 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
4/ 3	.1	.4																4	4	7	24
2/ 1																			1	3	22
0/ -1																					12
-2/ -3																					10
-4/ -5																					5
-6/ -7																					4
-8/ -9																					2
-10/-11																					2
-14/-15																					3
-34/-35																					1
TOTAL	3.7	11.7	14.6	8.6	10.4	12.1	10.9	9.3	6.4	0.2	4.6	1.2	.7	.1				752	754	752	752

Element (X)	$\Sigma x'$	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.	190241	34280	45.6	21.253	752							
Dry Bulb	136094	29940	39.7	15.117	754		28.9	.7				92
Wet Bulb	79729	23252	30.9	10.213	752		46.5					72
Dew Point	30070	13142	17.5	9.725	752	4.8	89.9					92

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | J.N MONTH

PAGE 1 | 1500-1700 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
70/ 69										.1	.3							3	3		
68/ 67								.1		.1		.3						4	4		
66/ 65											.1		.4					4	4		
64/ 63										.2	.2	.2						8	8		
62/ 61									.0	1.0	.4	.1						15	15		
60/ 59							.1	.1	.1	.1	.2	.1						20	20		
58/ 57						.3	.1	.3	.6	.1	.4							19	19		
56/ 55						.1	.4	.6	1.4	.4	.1							22	22		
54/ 53						.1	.6	1.8	1.7	.8	.6							42	42	1	
52/ 51						.7	1.9	1.9	1.4	.4								40	40	2	
50/ 49					.4	.6	1.4	1.6	1.0									31	31	2	
48/ 47				.1	.9	1.6	2.4	.3	.1									36	36	9	
46/ 45				.1	.3	2.6	2.3	.6										39	39	12	
44/ 43				.7	1.6	1.3	1.0	.7										37	37	29	
42/ 41				.6	1.3	1.2	.7	.1										28	28	39	1
40/ 39			.3	.7	1.7	1.7	.3											34	34	61	1
38/ 37		.3	1.0	1.0	2.0	.5	.4											39	39	66	3
36/ 35	.1	.7	.3	.7	1.1	.3												24	24	66	4
34/ 33	.1	.4	.3	1.4	.3	.3	.1											25	25	62	13
32/ 31	.1	.1	1.7	1.1	.7	.3												32	32	51	30
30/ 29		1.6	1.3	1.1	.1	.1												31	31	42	22
28/ 27	.1	1.3	1.7	.7	.3													29	29	59	29
26/ 25	.1	1.0	1.0	.0	.1													20	20	36	52
24/ 23	.1	.4	.7	.3														14	14	27	61
22/ 21		.7	1.7	.3														19	20	22	59
20/ 19		.4	.5															7	7	22	72
18/ 17	.3	.7	.4															10	10	13	64
16/ 15	.1	.8	.4															10	10	13	43
14/ 13	.1	.8	.1															10	10	11	42
12/ 11	.1	.8																10	10	13	47
10/ 9	.0	1.1	.3															14	14	10	41
8/ 7		1.6	.3															13	15	10	22
6/ 5	.1	1.1	.1															10	10	12	24
4/ 3	.1	.3																3	3	10	12

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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS ↑ THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | JAN MONTH

PAGE 2 | 1500-1700 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				
2/ 1		•																4	4	3	18
0/ -1	•																	2	2	5	12
-2/ -3																					10
-4/ -5																					10
-6/ -7																					5
-8/ -9																					5
-10/-11																					3
-14/-15																					1
TOTAL	4.4	14.3	13.0	9.9	10.5	11.6	11.7	7.0	7.8	4.6	2.8	1.1	.4					708	711	708	708

Element (X)	$\Sigma X'$	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.	1901130	33184	46.9	20.797	708							
Dry Bulb	1214440	27304	38.4	15.287	711	.3	31.5	.9				92
Wet Bulb	720241	21317	30.1	10.531	708	.7	47.2					93
Dew Point	274467	12141	17.1	9.682	708	9.0	89.8					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 68-75 YEARS | JAN MONTH

PAGE 1 | 1800-2000 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
64/ 63													.2					1	1		
62/ 61												.2						2	2		
60/ 59							.2											1	1		
58/ 57									.2	.2	.2							3	3		
56/ 55									.3									2	2		
54/ 53							.2	.3	.2	.2								5	5		
52/ 51						.3	.3	1.0	.2	.2								13	13		
50/ 49					.2	.4	.3	.5	.3									13	13	1	
48/ 47					.1	.3	1.0	1.7	.5									22	22		
46/ 45				.3	.4	1.4	1.6	1.2										27	27		
44/ 43			.2	.3	.9	.7	1.0	.3										20	20		
42/ 41				.7	1.0	1.2	.9	.2										23	23	11	
40/ 39			.2	1.7	2.0	1.4	.3	.2										38	38	15	1
38/ 37		.2	.3	2.1	1.9	.2												29	29	23	
36/ 35		.3	.5	3.6	1.2	.3	.2											36	36	40	1
34/ 33	.2	.7	.7	2.8	1.2	.3	.2											35	35	50	5
32/ 31	.2	1.0	.9	1.9	1.0	.3	.3											33	33	41	8
30/ 29	.3	2.2	1.9	1.3	.9													42	42	66	20
28/ 27	.2	1.7	2.9	1.7	.3													40	40	49	24
26/ 25	.7	1.4	2.2	.5														28	28	47	31
24/ 23		1.7	.7	.5														17	17	48	38
22/ 21	.7	2.1	.3	.1														23	23	38	43
20/ 19	.3	2.4	.3	.2														19	19	22	41
18/ 17	.3	1.0	.5															11	11	18	64
16/ 15		1.6																9	9	17	57
14/ 13	.2	.3	.2															4	4	8	40
12/ 11	.5	.7	.3															11	11	7	33
10/ 9	1.0	2.4	.2															21	21	16	45
8/ 7		1.6																9	9	12	15
6/ 5	.3	.3																4	4	10	11
4/ 3		.9																5	5	3	23
2/ 1		1.4																8	8	10	11
0/ -1	1.0	.7																13	13	14	12
-2/ -3	.5	1.0																9	9	7	9

Element (X)	$\Sigma X'$	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 Poin.												

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC FORM XUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 68-75 (YEARS) JAN (MONTH)

PAGE 2 1800-2000 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
-4/ -5	.3																	3	3	3	13
-6/ -7	.2																	1	1	1	13
-8/ -9																					6
-10/-11																					4
-12/-13																					4
-14/-15																					4
-15/-17																					2
TOTAL	8.1	25.7	12.6	19.3	11.7	7.3	6.2	5.5	1.7	.3	.2	.3	.2					580	580	580	580
																	580		580		

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.	2042332	32498	56.0	19.608	580							
Dry Bulb	637453	17424	30.0	14.033	580	4.2	49.7					93
Wet Bulb	416093	14232	24.6	10.719	580	4.5	70.0					93
Dew Point	182563	8341	14.4	10.399	580	11.1	91.9					93

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 68-75 YEARS | JAN MONTH

PAGE 1 | 2100-2300 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
62/ 61												.3						1	1		
58/ 57									.3									1	1		
54/ 53									.3									1	1		
52/ 51								.3		.3								2	2		
50/ 49							.7	.3										3	3		
48/ 47					.3		1.0	.3	.3									6	6		
46/ 45				.3	.3	1.0	2.3											12	12		
44/ 43				.3	.7	.7												5	5		
42/ 41				.3	1.3	1.7	.7	.3										13	13	1	
40/ 39			.7	2.3	.7	.7	1.0											16	16	5	
38/ 37			.7	2.0	.7	1.3												14	14	5	
36/ 35			1.3	2.3	1.7	.3	.3											18	18	13	
34/ 33			1.0	3.3	.7	.3												16	16	22	1
32/ 31	.3		2.0	3.0	.7													18	18	17	2
30/ 29		2.3	4.3	3.0	.3													30	30	22	6
28/ 27		2.0	4.0	1.7	.7													25	25	37	9
26/ 25	1.0	2.3	2.3	1.7	.3													23	23	36	18
24/ 23	.7	1.3	2.3															13	13	25	18
22/ 21	.3	1.7	.3	.7														9	9	23	26
20/ 19	.7	1.3	1.7	.3														12	12	15	28
18/ 17	.3	1.3	.3															6	6	6	29
16/ 15	.3	.7	.3															4	4	13	27
14/ 13		1.3																4	4	3	21
12/ 11	1.0	.3																4	4	7	16
10/ 9	1.0	.7																5	5	5	23
8/ 7	.7	2.7																10	10	3	12
6/ 5	.3	1.0																4	4	11	8
4/ 3		1.0																1	3	3	6
2/ 1	.7	1.3																6	6	6	10
0/ -1	1.3	.7																6	6	6	5
-2/ -3		1.3																4	4	4	8
-4/ -5	1.3	.3																5	5	5	5
-6/ -7	.3																	1	1	2	9
-8/ -9																					3

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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 68-75 (YEARS) JAN (MONTH)

PAGE 2 2100-2300 (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
-10/-11																					1
-12/-13																					5
-16/-17																					3
-18/-19																					1
TOTAL	10.3	23.7	21.3	21.3	8.3	6.0	6.0	1.3	1.0	.3		.3						300	300	300	300

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.	1140889	17673	58.9	18.267	300							
Dry Bulb	277703	8207	27.4	13.337	300	5.0	59.5					93
Wet Bulb	188592	6824	22.7	10.564	300	5.3	77.2					93
Dew Point	86735	4031	13.4	10.437	300	12.4	82.7					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 71-75 YEARS | FEB MONTH

PAGE 1 | 0300-0500 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
42/ 41							2.6											1	1		
38/ 37					5.3	2.6												3	3		
36/ 35			2.6	2.6			2.6											3	3		
34/ 33				2.6														1	1		
32/ 31				5.3														2	2	2	
30/ 29		2.6	7.9	7.9														7	7	4	
28/ 27			5.3	5.3														4	4	4	1
26/ 25		5.3	5.3															4	4	3	1
24/ 23			5.3															2	2	9	
22/ 21			5.3															2	2	3	3
20/ 19		5.3																2	2	3	2
18/ 17		5.3																2	2	3	3
16/ 15		5.3																2	2	3	3
14/ 13		2.6	2.6															2	2	1	6
12/ 11																				1	8
10/ 9																				1	3
8/ 7		2.6																1	1		3
6/ 5																				1	1
4/ 3																					1
-2/ -3																					1
-4/ -5																					1
-6/ -7																					1
TOTAL		28.9	34.2	23.7	5.3	2.6	5.3											38	35	38	38

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.	134483	7189	57.6	15.054	38							
Dry Bulb	28753	1003	26.4	7.848	38		66.3					84
Wet Bulb	20027	841	22.1	6.183	38		84.0					84
Dew Point	7829	473	12.4	7.244	38	6.6	84.0					84

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | FEB MONTH

PAGE 1 | 0600-0800 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
56/ 55											.3							2	2		
52/ 51								.5			.2							4	4		
50/ 49								.3	.3									4	4		
48/ 47							.2		.3									3	3		
46/ 45							.5	.2										4	4		
44/ 43						.2	.2		.2									4	4		
42/ 41			.2	.5	.8	1.0	.5	.2										19	19		
40/ 39			.2	.5	1.1	1.3	.6											23	23	2	
38/ 37			.6	1.1	1.5	1.1	.3	.2										30	30	2	
36/ 35		.2	.5	2.4	3.9	1.1	.2											51	51	12	1
34/ 33		.3	.5	2.0	2.6	.3	.2											40	40	21	
32/ 31		.3	1.8	3.1	1.6													42	42	32	1
30/ 29	.2	1.1	3.2	3.0	1.3	.3												60	60	49	5
28/ 27	.5	2.0	3.1	3.1	.3													60	60	88	12
26/ 25	.3	4.2	3.7	1.6	.3													63	65	78	17
24/ 23	.2	2.0	2.3	1.0	.2													38	38	76	27
22/ 21	.2	2.3	2.9															33	34	59	44
20/ 19	1.3	2.8	2.3	.2														40	40	57	44
18/ 17	.3	3.2	1.8															34	34	38	61
16/ 15	.1	2.8	1.0															28	29	40	61
14/ 13	.8	.8	.5															13	15	29	62
12/ 11	.3	.3	.2															5	5	15	77
10/ 9		1.0																6	6	4	64
8/ 7		.2																1	1	4	52
6/ 5	.2	.6																5	5	2	20
4/ 3																				4	14
2/ 1	.3	.3																4	4	2	16
0/ -1																				2	12
-2/ -3																					14
-4/ -5																					4
-6/ -7																					3
-8/ -9																					2
-10/ -11																					1
-12/ -13																					1

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												

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | FEB MONTH

PAGE 2 | 0600-0800 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
-14/-15																					1
TOTAL	5.	25.	24.	19.	13.	5.	2.6	1.3	.8		.5								622		616
																		616		616	

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.	2271087	35601	57.8	18.635	616							
Dry Bulb	524621	17195	27.6	8.907	622		59.2					84
Wet Bulb	356671	14269	23.2	6.520	616	.3	79.0					84
Dew Point	143890	8206	13.3	7.493	616	5.2	83.5					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-76 YEARS | FEB MONTH

PAGE 1 | 0900-1100 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
64/ 63												.3	.1					3	3		
62/ 61											.1		.1					2	2		
60/ 59									.3	.1	.1							4	4		
58/ 57										.7		.1						6	6		
56/ 55									.7	.4	.4							11	11		
54/ 53						.1		.4	1.0	.4	.1							15	15		
52/ 51						.1	.3	.9	.7	.6	.1							19	19		
50/ 49						.6	1.0	1.8	1.2	.1								31	31		
48/ 47				.1	.4	.7	1.9	2.3	.6	.1								43	43		
46/ 45					.4	2.2	1.7	1.4	.1									41	41		
44/ 43				.3	1.3	1.9	2.2	.1										40	40	3	
42/ 41			.1	.9	1.9	3.7	1.7											58	58	10	
40/ 39		.1	.4	1.3	2.3	1.7	.3	.3										45	45	27	
38/ 37		.1	.9	1.7	1.7	1.3	.3											42	42	43	
36/ 35			.9	2.0	2.9	.9	.1											47	47	76	2
34/ 33		.3	1.7	2.6	1.9	.3												47	47	80	2
32/ 31		1.0	2.4	1.6	.9	.7												46	46	98	7
30/ 29		1.3	2.3	2.2	.4													43	43	70	14
28/ 27		1.7	2.0	.9	.6													36	36	72	25
26/ 25	.1	1.6	1.4	1.2														29	29	63	48
24/ 23	.7	1.3	1.3	.1	.1													25	25	44	57
22/ 21	.4	1.4	1.3															21	21	33	59
20/ 19	.1	.3	.1															4	4	27	73
18/ 17	.3	.9	.7															13	13	16	69
16/ 15	.7	.6	.1															10	10	10	77
14/ 13	.1	.3	.4															6	6	11	67
12/ 11	.3	.1																3	4	5	56
10/ 9		.3	.3															4	4	3	51
8/ 7		.1																1	1	2	24
6/ 5																				2	12
4/ 3																					20
2/ 1																					9
0/ -1																					8
-2/ -3																					6

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 A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | FEB MONTH

PAGE 2 | 0900-1100 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
-4/ -5																					3
-6/ -7																					2
-8/ -9																					2
-12/-13																					2
TOTAL	2.7	11.4	16.5	14.8	14.8	14.2	9.5	7.1	4.6	2.6	1.0	.4	.3					695	696	695	695

Element (X)	$\Sigma X'$	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.	1867903	33189	47.8	20.193	695							
Dry Bulb	1019074	25610	36.8	10.507	696		29.2					84
Wet Bulb	626219	20335	29.3	6.709	695		55.1					84
Dew Point	227518	11418	16.4	7.585	695	2.8	83.5					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | Feb MONTH

PAGE 1 | 1200-1400 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
70/ 69															.1	.1		2	2		
68/ 67													.1	.1				2	2		
66/ 65												.1	.1	.3	.3			6	6		
64/ 63												.7	.1	.1				7	7		
62/ 61										.4	.6	.9	.1					14	14		
60/ 59							.1	.6	.3	1.0	.9	1.5						30	30		
58/ 57								.9	.7	1.0	1.0	.6						29	29		
56/ 55						.1	.3	.3	2.2	1.6	.9							37	37		
54/ 53						.3	.3	2.0	2.2	2.0	.6							51	51		
52/ 51						.4	.7	2.2	1.2	.7	.3							38	38		
50/ 49					.3	.7	1.7	2.6	1.7	.4								52	52		
48/ 47					.3	.7	2.8	2.0	1.5									50	50	3	
46/ 45					.4	2.3	2.3	1.3	1.5									54	54	5	
44/ 43				.6	1.2	2.4	2.0	.4	.3									45	45	22	
42/ 41			.4	.3	1.9	2.6	.3	.1										39	39	37	
40/ 39		.1	.3	.9	2.0	1.7	.6	.1										40	40	71	
38/ 37			.7	1.6	1.2	.7												29	29	95	1
36/ 35		.4	.9	.9	1.0	.4												25	25	104	4
34/ 33			.4	1.0	1.2	.4												21	21	82	9
32/ 31		.7	.4	1.0	.7	.3												22	22	85	17
30/ 29		.4	1.7	.7	.4													23	23	40	13
28/ 27	.3		.9	.7	.4													16	16	35	29
26/ 25	.1	.9	.9															13	13	34	36
24/ 23	.1	.6	.6	.1														10	10	23	44
22/ 21	.4	.6	.7															12	12	15	61
20/ 19	.1	.4																4	4	13	77
18/ 17		.9	.4															9	9	9	69
16/ 15	.3		.1	.1														4	4	7	58
14/ 13	.4		.3															5	5	5	64
12/ 11																				2	40
10/ 9																				2	45
8/ 7																					27
6/ 5																					20
4/ 3																					22

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 A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | FEB MONTH

PAGE 2 | 1200-1400 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
2/ 1																					17
0/ -1																					10
-2/ -3																					5
-4/ -5																					3
-6/ -7																					4
-8/ -9																					8
-10/-11																					3
-14/-15																					1
-16/-17																					1
TOTAL	1.9	5.1	8.9	8.3	11.0	12.9	11.2	12.0	11.5	7.3	4.2	3.8	.6	.6	.4	.1		689	689	689	689

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.	1247291	25749	37.4	20.353	689							
Dry Bulb	1433042	30437	44.2	11.368	689		14.4	.5				84
Wet Bulb	788649	22859	33.2	6.631	689		32.9					84
Dew Point	231710	11046	16.0	8.911	689	4.4	82.3					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 57-75 YEARS | FEB MONTH

PAGE 1 | 1500-1700 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
70/ 69															.3			2	2		
66/ 65											.3		.3		.2			5	5		
64/ 63										.2	.0	.5	.8	.3				15	15		
62/ 61										.0	1.6	.3	.2					21	21		
60/ 59									.2	1.1	1.1	.8	.2					21	21		
58/ 57							.2	.3	1.4	.6	.9		.2					25	25		
56/ 55						.2	.3	.5	2.2	2.4	.8							42	42		
54/ 53							.3	2.0	3.5	1.3	.5	.						49	49		
52/ 51						.2	.9	2.2	1.9	.3								35	35		
50/ 49						.0	1.6	2.2	1.7	.2								40	40		
48/ 47			.2		.2	.0	2.7	2.7	1.4	.2								50	50	1	
46/ 45				.2	.9	.6	3.1	2.4	.8									51	51	7	
44/ 43				.3	.6	1.7	2.8	.2										36	36	22	
42/ 41			.2	1.1	.9	3.0	1.1											40	40	38	1
40/ 39			.5	.9	1.0	.5	.5											25	25	76	
38/ 37			.6	.8	1.1	1.4	.2											27	27	81	
36/ 35	.4	.2	.8	1.3	.6	.5												22	22	79	1
34/ 33		.6	.9	.3	.3	.5												21	21	93	3
32/ 31	.3	.8	.9	.5	.2	.2												18	18	82	10
30/ 29	.4	.6	.6	.8	.2													16	16	36	27
28/ 27	.2	.9	1.3	.8	.2													20	20	24	31
26/ 25	.2	1.1	.5	.5														14	14	23	34
24/ 23		.0	.5															7	7	25	50
22/ 21	.4	1.1	.5	.2														12	12	12	37
20/ 19	.4	.8	.2	.2														9	9	17	78
18/ 17		.5		.2														4	4	5	55
16/ 15	.3	.5		.2														6	6	6	61
14/ 13	.4		.2															2	2	5	42
12/ 11																				2	51
10/ 9																				1	52
8/ 7																					32
6/ 5																					14
4/ 3																					20
2/ 1																					12

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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | Feb MONTH

PAGE 2 | 1500-1700 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
0/ -1																					8
-2/ -3																					3
-4/ -5																					1
-6/ -7																					3
-8/ -9																					5
-10/-11																					4
TOTAL	1.9	7.7	7.9	8.3	7.1	9.9	13.7	12.4	13.1	6.8	5.8	3.0	1.6	.3	.5			635	635	635	635

Element (X)	$\Sigma x'$	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.	120934	23970	37.7	21.910	635							
Dry Bulb	1343557	28269	44.5	11.584	635		14.3	.3				84
Wet Bulb	734757	21197	33.4	6.547	635		31.5					84
Dew Point	214267	10359	16.3	8.451	635	3.2	83.3					84

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 68-75 YEARS | FEB MONTH

PAGE 1 | 1800-2000 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
60/ 59											.2							1	1		
58/ 57									.2		.2							2	2		
56/ 55									.6	.3	.4							9	9		
54/ 53							.2	.4	.6	.8	.2							11	11		
52/ 51						.2	.4	.4	1.1	.2	.2							13	13		
50/ 49						.2	.4	.6	1.5	.2								17	17		
48/ 47					.2	.6	1.5	1.9	.6	.2								26	26		
46/ 45					.2	1.0	2.1	2.3	.2									30	30		
44/ 43		.2		.4	1.0	2.5	2.3	1.0										37	37	1	
42/ 41				.6	1.5	2.3	1.7	.2										33	33	3	1
40/ 39		.4	.2	.2	2.5	3.1	1.1											39	39	15	
38/ 37			.4	.8	3.4	2.5	1.0											42	42	23	2
36/ 35		.6	1.9	1.7	2.1	1.1												39	39	39	
34/ 33	.4	1.0	1.7	3.1	2.2	.5												48	48	70	3
32/ 31	.2	.4	1.3	.6	1.9	.2												24	24	77	4
30/ 29	.6	1.0	1.1	1.9	.6													28	28	72	16
28/ 27	1.1	1.3	.8	1.7	.2													27	27	61	23
26/ 25	.4	.8	1.7	.4	.2													17	17	39	19
24/ 23		1.1	2.1	.4	.2													20	20	29	29
22/ 21		1.3	1.0															12	12	19	36
20/ 19	.4	1.7	.3															15	15	22	50
18/ 17	.6	1.5	.4															13	13	20	50
16/ 15		1.7																9	10	14	48
14/ 13	.2	.2																2	2	9	50
12/ 11	.2	.8																5	5	6	55
10/ 9		.2	.2															2	2		54
8/ 7		.2																1	1	2	36
6/ 5																				1	18
4/ 3																					9
2/ 1																					3
0/ -1																					5
-2/ -3																					3
-4/ -5																					1
-6/ -7																					2

Element (X)	$\Sigma X'$	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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 68-75 YEARS | FEB MONTH

 1800-2000 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
60/ 59											.2							1	1		
58/ 57									.2		.2							2	2		
56/ 55									.6	.8	.4							9	9		
54/ 53							.2	.4	.6	.8	.2							11	11		
52/ 51						.2	.4	.4	1.1	.2	.2							13	13		
50/ 49						.2	.3	.6	1.5	.2								17	17		
48/ 47					.2	.6	1.5	1.9	.6	.2								26	26		
46/ 45					.2	1.0	2.1	2.3	.2									30	30		
44/ 43		.2		.2	1.0	2.5	2.3	1.0										37	37	1	
42/ 41				.6	1.5	2.3	1.7	.2										33	33	3	1
40/ 39		.4	.2	.2	2.5	3.1	1.1											39	39	15	
38/ 37			.4	.8	3.4	2.5	1.0											42	42	23	2
36/ 35		.6	1.9	1.7	2.1	1.1												39	39	39	
34/ 33	.4	1.0	1.7	3.1	2.3	.5												48	48	70	3
32/ 31	.2	.4	1.3	.6	1.9	.2												24	24	77	4
30/ 29	.6	1.6	1.1	1.9	.6													28	28	77	16
28/ 27	1.1	1.3	.8	1.7	.2													27	27	61	23
26/ 25	.4	.6	1.7	.4	.2													17	17	39	19
24/ 23		1.1	2.1	.4	.2													20	20	29	29
22/ 21		1.3	1.9															12	12	19	36
20/ 19	.4	1.7	.8															15	15	22	50
18/ 17	.6	1.5	.4															13	13	20	50
16/ 15		1.7																9	10	14	48
14/ 13	.2	.2																2	2	9	50
12/ 11	.2	.8																5	5	6	58
10/ 9		.2	.2															2	2		54
8/ 7		.2																1	1	2	36
6/ 5																				1	18
4/ 3																					9
2/ 1																					3
0/ -1																					5
-2/ -3																					3
-4/ -5																					1
-6/ -7																					2

Element (X)	$\Sigma X'$	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												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 68-75 (YEARS) FEB (MONTH)

PAGE 2 1800-2000 (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
-8/ -9																					1
-10/-11																					1
TOTAL	4.2	14.2	13.0	11.5	16.5	14.2	11.1	6.7	4.8	2.1	1.1							522	523	522	522

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.	1464827	25281	48.4	21.483	522							
Dry Bulb	726173	18741	35.8	10.229	523		28.3					84
Wet Bulb	446622	14878	28.5	6.582	522		59.7					84
Dew Point	159387	8225	15.8	7.361	522	2.1	83.0					84

USAFETAC FORM 0-26-5 (OL-1) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 68-75 YEARS | FEB MONTH

PAGE 1 | 2100-2300 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				
54/ 53										.7								2	2		
52/ 51							.4	.7	.4									4	4		
50/ 49						.4	.4	.7	1.1									7	7		
48/ 47						.7	.4	1.5										7	7		
46/ 45						.7	1.1	1.5	.4									10	10		
44/ 43				.7	.4	2.2	.4	.7										12	12		
42/ 41					1.1	1.5	1.5	.4										12	12		
40/ 39		.4		.4	2.2	2.2	1.1											17	17	4	
38/ 37				1.1	2.2	1.8	.4											15	15	11	1
36/ 35				2.6	5.9	1.5												27	27	6	
34/ 33		.4	1.5	3.7	2.9	.7												25	25	20	
32/ 31	.4	1.5	3.7	2.9	2.6													30	30	30	2
30/ 29	.7	1.8	2.2	1.8														18	19	37	8
28/ 27	.4	1.8	1.8	2.2														17	17	52	8
26/ 25		.4	2.6	1.1														11	11	27	11
24/ 23		2.2	1.8	1.1														14	14	14	12
22/ 21	1.1	1.8	1.8	.7														15	15	24	23
20/ 19		1.1	1.8															8	8	9	28
18/ 17		1.1	.4															4	4	14	28
16/ 15		2.2																6	7	9	20
14/ 13		.7																2	2	5	24
12/ 11	.4	.7																3	3	3	27
10/ 9		1.1	.4															4	4	2	39
8/ 7		.4																1	1	2	17
6/ 5		.4																1	1	2	14
4/ 3																				1	2
2/ 1																					3
0/ -1																					1
-2/ -3																					1
-6/ -7																					2
-8/ -9																					1
TOTAL	2.9	18.0	18.0	18.4	17.3	11.8	5.5	5.5	1.8	.7									274		272
																		272		272	

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.	870923	14411	53.0	19.908	272							
Dry Bulb	311962	8856	32.3	9.707	274		41.7					84
Wet Bulb	201083	7169	26.4	6.691	272		71.3					84
Dew Point	77585	4155	15.3	7.217	272	1.5	83.7					84

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 74-75 YEARS | MAR MONTH

 0300-0500 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
56/ 55										1.7								1	1		
54/ 53							1.7											1	1		
52/ 51								1.7										1	1		
50/ 49							1.7	1.7										2	2		
48/ 47						1.7	3.3											3	3		
46/ 45								1.7										1	1		
44/ 43						1.7												1	1		
42/ 41				1.7		3.3												3	3	1	
40/ 39					3.3	1.7	1.7											4	4	1	
38/ 37					3.3	5.0												5	5	4	
36/ 35		1.7	1.7	3.3														4	4	3	
34/ 33		1.7	1.7	1.7	1.7													4	4	3	1
32/ 31																				7	
30/ 29	1.7	3.3	5.0	1.7														7	7	8	2
28/ 27		1.7	1.7	3.3														4	4	6	4
26/ 25		3.3	1.7															3	3	5	2
24/ 23	1.7		3.3	1.7														4	4	6	1
22/ 21	1.7	3.3																3	3	2	11
20/ 19		1.7																1	1	4	6
18/ 17		1.7																1	1	3	8
16/ 15		5.0																3	3		3
14/ 13	1.7	1.7																2	2	4	4
12/ 11																				1	7
10/ 9																					5
8/ 7		1.7																1	1		3
6/ 5		1.7																1	1	2	
2/ 1																					1
0/ -1																					2
TOTAL	6.7	28.3	15.0	13.3	8.3	13.3	8.3	5.0		1.7								60	60		60
																				60	

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.	230104	3500	58.3	20.967	60							
Dry Bulb	68891	1915	31.9	11.476	60		46.5					93
Wet Bulb	45636	1584	26.4	8.045	60		74.4					93
Dew Point	20736	1026	17.1	7.357	60	3.1	91.5					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | MAR MONTH

PAGE 1 | 0600-0800 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
64/ 63											.1	.1						2	2		
62/ 61										.3								2	2		
60/ 59									.3	.3			.1					5	5		
58/ 57								.1	.3	.4	.6							10	10		
56/ 55									.1	.4								4	4		
54/ 53							.6	.6	.6	.3								14	14		
52/ 51					.1		.3	.7	1.1		.1							17	17		
50/ 49						.6	.6	1.6	.3	.1								18	18		
48/ 47						.4	1.4	.8	.3									21	21		
46/ 45					.3	1.1	.8	.8	.6									26	26		
44/ 43					.4	1.4	.8	.1										20	20	8	
42/ 41			.1	.3	.7	1.4	1.3	.1										28	28	9	
40/ 39		.4	.4	.8	1.0	1.7	.4											34	34	17	
38/ 37		.1	.8	1.7	2.4	.6												42	42	31	1
36/ 35		.4	2.1	1.4	1.8	.4												44	44	50	2
34/ 33		1.1	2.4	3.4	1.0	.3	.1											59	59	48	6
32/ 31		2.1	2.8	2.0	.6													53	53	70	
30/ 29	.3	2.0	2.0	2.5	.4													51	51	93	17
28/ 27	.7	2.9	3.1	.8	.1													55	55	86	42
26/ 25	.6	2.0	2.2	1.1														44	44	63	56
24/ 23	1.0	2.9	1.4	.3														40	40	61	46
22/ 21	1.0	2.1	.7	.3														29	29	49	76
20/ 19	1.0	2.2	.4															26	26	40	87
18/ 17	.4	1.3	.3	.1														15	15	22	74
16/ 15	.4	2.0	.3															19	19	14	69
14/ 13	.1	1.1																9	9	21	51
12/ 11	.4	1.3																12	12	11	51
10/ 9	.1	.6																7	7	12	46
8/ 7	.4	.4																6	6	4	23
6/ 5		.3																2	2	4	24
4/ 3																				1	24
2/ 1																			1		9
0/ -1																					4
-2/ -3																					5

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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94615 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) MAR (MONTH)

PAGE 2 0600-0800 (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
-4/ -5																					1
TOTAL	7.0	25.2	19.0	14.7	8.8	8.1	6.3	4.3	3.5	1.8	.8	.1	.1						715		714
																		714		714	

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.	2734847	41287	57.8	22.074	714							
Dry Bulb	855124	23350	32.7	11.387	715		40.0					93
Wet Bulb	562913	19315	27.1	7.528	714		71.8					93
Dew Point	249051	12271	17.2	7.316	714	1.3	91.8					93

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | MAR MONTH

PAGE 1 | 0900-1100 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
72/ 71											.1			.1				2	2		
70/ 69												.4	.1	.3	.1			7	7		
68/ 67												.4	.1	.4	.1			8	8		
66/ 65										.3	.4	.3	.1	.4	.1	.1		14	14		
64/ 63										.3	.3	.5	.5	.3				14	14		
62/ 61									.1	.3	1.4	.6						22	22		
60/ 59									1.1	.1	.8	.3						18	18		
58/ 57						.2		.6	1.0	1.6	.8							34	34		
56/ 55						.1	.3	1.4	2.5	1.1	.5							47	47		
54/ 53					.2	.2	.3	1.8	1.8	.5								38	38		
52/ 51					.3	.1	1.0	1.5	.9	.5								34	34	1	
50/ 49				.1			1.1	1.9	.4									28	29	2	
48/ 47					.3	1.5	1.0	.6	.5	.3								33	33	5	
46/ 45			.1	.3	.8	2.0	1.8	.4	.1									43	43	20	
44/ 43			.4	.5	.6	2.0	.6	.3										35	35	37	
42/ 41			.3	1.0	2.0	2.3	.5	.1										49	49	47	1
40/ 39				1.4	1.3	1.6	.4											37	37	95	1
38/ 37		.4	1.6	2.3	.8	.4	.1											44	44	71	5
36/ 35		.5	2.4	1.0	.9	.5												42	42	79	8
34/ 33		.8	1.4	1.5	1.0													37	37	79	9
32/ 31	.1	.8	1.1	.3	.4	.1												22	22	84	9
30/ 29	.4	1.3	1.1	1.1	.4	.1												35	35	49	47
28/ 27	1.0	1.1	1.1	.8														32	32	48	67
26/ 25	.6	2.4	.9	.5														36	36	41	69
24/ 23	.6	.6	1.0	.1														20	20	47	73
22/ 21	.9	1.1	.3	.3														20	20	26	81
20/ 19	.3	.6	.3															11	11	20	72
18/ 17		1.4	.1															12	12	12	69
16/ 15		.4	.1															4	4	12	64
14/ 13	.3	.5																6	6	5	45
12/ 11		.1																1	1	4	42
10/ 9	.1	.3																3	3	3	38
8/ 7		.1																1	1	2	39
6/ 5																					16

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 A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | MAR MONTH

PAGE 2 | 0900-1100 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
4/ 3		.1																1	1		14
2/ 1																				1	6
0/ -1																					6
-2/ -3																					3
-4/ -5																					3
-6/ -7																					1
-8/ -9																					1
-10/-11																					1
TOTAL	4.6	12.5	12.5	11.1	8.9	11.4	7.1	8.6	8.5	5.2	4.2	2.5	.9	1.4	.5	.1		790	791	790	790

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.	2167859	36829	46.6	23.906	790							
Dry Bulb	1529538	33148	41.9	13.332	791		24.0	2.0				93
Wet Bulb	890536	25796	32.7	7.817	790		41.7					93
Dew Point	338105	15041	19.0	8.098	790	1.8	90.2					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | MAR MONTH

PAGE 1 | 1200-1400 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
76/ 75													.1		.1			2	2			
74/ 73											.1		.1	.1	.6	.4	.3	13	13			
72/ 71												.1	.3	.4	.5	.5	.1	15	15			
70/ 69												.4	1.5	.1	.5		.1	21	21			
68/ 67										.1	.5	.9	.5	.4	.1			20	20			
66/ 65										.4	.9	.8	.6	.3	.1			24	24			
64/ 63									.1	.3	.9	2.3	.5					32	32			
62/ 61								.3	.3	.6	1.4	1.0	.4					31	31			
60/ 59								.5	1.1	1.4	2.0	.4						43	43			
58/ 57						.1	.1	1.3	1.9	2.5	.9	.3						56	56			
56/ 55						.3	1.0	1.0	1.5	1.1	.1							40	40			
54/ 53						.4	.9	1.4	1.4	.8								38	38	1		
52/ 51					.1	.6	1.1	1.1	.9	.4								34	34	1		
50/ 49					.1	.6	1.1	.4	.5	.3								25	25	3		
48/ 47				.5	1.0	.6	1.0	1.0	.8	.1								40	40	27		
46/ 45			.1	.4	.8	2.4	.9	1.1	.3									47	47	46		
44/ 43				.3	1.3	1.4	.3		.1									26	26	70		
42/ 41		.3	.3	.8	.8	.8	.1											25	25	101		
40/ 39		.1	.5	1.6	1.9	.5	.9											44	44	103	2	
38/ 37		.1	1.0	1.8	.3	.3												27	27	71	6	
36/ 35		.3	1.9	.8	1.0													31	31	67	9	
34/ 33		1.1	.4	.5	1.0													24	24	55	16	
32/ 31	.1	.8	.8	.8	.1	.1												21	21	73	24	
30/ 29	.3	.9	.6	1.4	.3													27	27	28	71	
28/ 27	.3	.9	1.1	.5	.1													25	25	32	59	
26/ 25	1.0	1.1	.8	.3														25	25	41	63	
24/ 23	.1	.1	.6	.3														9	9	23	69	
22/ 21		.5	.4															7	7	17	62	
20/ 19		.5	.3															6	6	8	67	
18/ 17		.6	.1															6	6	11	52	
16/ 15		.5																4	4	9	63	
14/ 13		.1																1	1	2	42	
12/ 11		.3																2	2	1	44	
10/ 9																				1	50	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_A	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												

USAFETAC FORM 0-26-5 (OL A) 101 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | MAR MONTH

PAGE 2 | 1200-1400 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				
8/ 7																					25
6/ 5																					25
4/ 3																					15
2/ 1																					8
0/ -1																					4
-2/ -3																					6
-4/ -5																					3
-6/ -7																					2
-8/ -9																					3
-10/-11																					1
TOTAL	2.0	8.2	9.1	9.7	8.7	8.2	7.5	8.1	8.8	8.0	6.8	6.1	4.0	1.3	2.0	.9	.5	791	791	791	791

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.	1651815	31039	39.2	23.434	791							
Dry Bulb	1965887	37839	47.8	14.045	791		15.0	8.3	1.8			93
Wet Bulb	1061605	28345	35.8	7.621	791		28.9					93
Dew Point	356382	15254	19.3	8.874	791	2.2	89.1					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | MAR MONTH

PAGE 1 | 1500-1700 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
80/ 79															.3			2	2		
78/ 77															.1			1	1		
76/ 75															.1	.1		2	2		
74/ 73														.3	.6	.7	.4	13	13		
72/ 71												.1	.8	.4	.3	.3	.1	15	15		
70/ 69											.3	.6	.8	.6	.6	.1	.1	22	22		
68/ 67											.3	.8	1.0	.1				16	16		
66/ 65											1.0	1.0	1.0	.6				25	25		
64/ 63										.4	1.4	2.2	.7	.1				35	35		
62/ 61										1.5	2.2	1.1	.4					38	38		
60/ 59								.3	1.5	1.8	2.3	.3						45	45		
58/ 57							.1	.4	1.2	1.7	1.1	.6						37	37		
56/ 55						.4	.8	1.8	.7	.7	.3							34	34		
54/ 53						.3	1.0	2.6	1.2	1.1	.1							46	46		
52/ 51						1.1	1.0	2.3	.7	.1								38	38	2	
50/ 49					.1	1.4	.8	1.0	.3									26	26	5	
48/ 47				.1	.7	.8	1.9	1.1	1.0	.1								42	42	24	
46/ 45				.1	1.0	1.9	1.4	.3	.3									36	36	35	
44/ 43	.1		.1	.4	.7	1.0	.6	.1										22	22	77	1
42/ 41		.1	.1	.8	1.4	.4	.1	.1										23	23	108	
40/ 39			.7	.6	1.1	.7	.4											25	25	94	
38/ 37		.1	1.0	1.2	.4													20	20	71	2
36/ 35		.6	.6	.6	.3	.1												19	19	63	8
34/ 33	.1	1.1	.7	.8	.3	.1												23	24	49	16
32/ 31	.4	1.4	.1	.6	.6													22	22	52	25
30/ 29	.1	.4	.6	.6														16	16	26	50
28/ 27	.1	1.5	.4	.6														19	19	20	44
26/ 25	.4	1.9	.4	.8														26	26	31	66
24/ 23	1.0	.7	.3															14	14	26	66
22/ 21	.4	.7	.3															10	10	18	75
20/ 19	.3	.4																5	5	11	67
18/ 17		.4	.1															4	4	5	49
16/ 15		.7																5	5	5	50
14/ 13		.1																1	1	5	36

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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | MAR MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	L 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
12/ 11																					32
10/ 9																					51
8/ 7																					29
6/ 5																					39
4/ 3																					14
2/ 1																					5
0/ -1																					2
-2/ -3																					3
-4/ -5																					3
-6/ -7																					2
-8/ -9																					2
TOTAL	3.0	10.5	5.9	7.4	6.5	8.3	8.1	10.0	6.9	7.4	8.9	6.9	4.7	2.1	1.5	1.2	.7		728		727
																		727		727	

Element (X)	$\Sigma X'$	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.	1500345	27875	38.3	24.381	727							
Dry Bulb	1881801	35523	48.8	14.289	728		15.6	9.1	2.3			93
Wet Bulb	996404	26358	36.3	7.494	727		22.5					93
Dew Point	319531	13929	19.2	8.517	727	1.5	89.5					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 68-75 YEARS | MAR MONTH

 1800-2000 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
74/ 73															.2			1	1		
72/ 71														.2				1	1		
70/ 69													.5		.3			5	5		
68/ 67																.2		1	1		
66/ 65												.3	.2					3	3		
64/ 63											.2	.2	.5		.3			7	7		
62/ 61								.2		.2	.3	.2						5	5		
60/ 59										.6	.7	.5						12	12		
58/ 57								.2	1.1	1.3	.7	.2						21	21		
56/ 55								.8	.7	.8	.7							18	18		
54/ 53							.2	.7	1.8	2.0	.5							33	33		
52/ 51						.2	.8	1.3	1.0	.2								21	21		
50/ 49						1.0	.8	2.0	1.1									30	30		
48/ 47					1.2	1.8	1.1	1.1	.7	.2								37	37	1	
46/ 45			.2	.2	1.0	1.8	2.0	1.5	.2									41	41	5	
44/ 43			.2	1.1	.8	2.5	1.0	.7										38	38	7	
42/ 41		.2	.7	.7	2.3	1.3	.8	.2										37	37	36	
40/ 39			.5	.8	1.6	1.1	.8											30	30	51	
38/ 37		.5	1.3	1.3	1.8	.5	.5											36	36	68	
36/ 35		.8	2.0	1.8	1.1	.3	.2											38	38	62	5
34/ 33		1.5	.8	1.5	.3	.3												27	27	87	7
32/ 31	.2	2.1	2.1	.7	.2													32	32	58	19
30/ 29	.2	1.0	.5	1.3	.2													19	19	54	28
28/ 27	.7	1.5	.8	.7														22	22	50	47
26/ 25	.7	1.0	1.0															16	16	27	41
24/ 23	.3	3.1	.8	.2														27	27	22	56
22/ 21	1.0	1.3	.8															19	19	35	50
20/ 19	1.0	.8	.5															14	14	21	78
18/ 17	.5	1.0	.5															12	12	9	52
16/ 15		.7	.2															5	5	8	57
14/ 13		.2																1	1	7	38
12/ 11		.2																1	1	1	44
10/ 9																				1	28
8/ 7																					14

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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 68-75 YEARS | MAR MONTH

PAGE 2 | 1800-2000 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
6/ 5																					19
4/ 3																					12
2/ 1																					4
0/ -1																					7
-4/ -5																					1
-8/ -9																					2
-10/-11																					1
TOTAL	4.4	15.7	12.8	10.2	10.7	10.7	8.5	8.5	6.6	5.4	3.0	1.3	1.1	.2	.8	.2			610		610
																		610		610	

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.	1773273	29441	48.3	24.053	610							
Dry Bulb	1080659	24585	40.3	12.143	610		25.6	1.2	.2			93
Wet Bulb	642425	19333	31.7	6.983	610		44.7					93
Dew Point	249506	11388	18.7	7.792	610	1.7	91.2					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 68-75 YEARS | MAR MONTH

PAGE 1 | 2100-2300 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
66/ 65											.3							1	1		
64/ 63											.3							1	1		
62/ 61												.7						2	2		
60/ 59											.7		.7					4	4		
58/ 57									.3	.3	.7							5	5		
56/ 55								.3	.7	.3	.3							6	6		
54/ 53									.3	1.0								4	4		
52/ 51							1.0	1.0		.3								7	7		
50/ 49						.3	.3	1.0	.7									7	7		
48/ 47						.7	1.0	2.1	.3									12	12		
46/ 45					1.0	1.7	1.7	1.4										17	17	1	
44/ 43				.3	1.4	.7	2.4		.7									16	16	1	
42/ 41			.3	1.4	.3	1.7	.3											12	12	5	
40/ 39			.3	.7	3.8	.7	.7											18	18	13	
38/ 37		.3	2.1	1.0	3.1	.7												21	21	19	
36/ 35			1.4	1.7	2.7	.7												19	19	27	
34/ 33	.3	2.1	2.1	1.7	2.1													24	24	26	1
32/ 31	.3	1.4	2.1	.7	1.0	.7												18	18	42	6
30/ 29		3.8	3.4	1.0	.3	.3												26	26	30	14
28/ 27	1.0	1.4	1.7	1.0		.3												16	16	38	21
26/ 25	1.4	.7	1.4	.3														11	11	23	22
24/ 23	1.0	1.4	.7															9	9	15	26
22/ 21	.3	1.7	.3															7	7	15	23
20/ 19	1.7	2.1	1.0															14	14	13	37
18/ 17	.3	1.0																4	4	8	32
16/ 15	1.0	.7	.7															7	7	9	21
14/ 13	.3	.3	.3															3	3	2	20
12/ 11																				3	25
10/ 9		.3																1	1	2	23
8/ 7																					4
6/ 5																					2
4/ 3																			1		2
2/ 1																					3
0/ -1																					1

Element (X)	$\Sigma X'$	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 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64 USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 68-75 YEARS | MAR MONTH

PAGE 2 | 2100-2300 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
-2/ -3																					3
-4/ -5																					2
-6/ -7																					1
-8/ -9																					2
TOTAL	7.	17.1	17.6	9.9	15.6	8.6	7.5	5.6	3.1	2.7	2.4	.7	.7					292	293	292	292

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.	1030379	15897	54.4	23.806	292							
Dry Bulb	410833	10469	35.7	11.222	293		37.1					93
Wet Bulb	260125	8435	29.1	6.828	292		63.7					93
Dew Point	113372	5294	18.1	7.731	292	2.9	92.7					93

FORM 0-26-5 (OL A) JUL 64 USAFETAC

REVISED PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 70-75 YEARS | APR MONTH

 0300-0500 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
56/ 55								1.4			1.4							2	2		
54/ 53						1.4												1	1		
52/ 51					1.4				1.4									2	2		
50/ 49						1.4	1.4											2	2		
48/ 47							2.9	1.4										3	3		
46/ 45				2.9	1.4	1.4	4.3											7	7		
44/ 43			1.4			2.9	1.4											4	4	2	
42/ 41			2.9		1.4	4.3												6	6	1	
40/ 39		1.4	4.3			2.9	1.4											7	7	5	1
38/ 37			1.4	2.9														3	3	5	
36/ 35			1.4	5.8	1.4	1.4												7	7	10	2
34/ 33				1.4	2.9													3	3	5	3
32/ 31		1.4	2.9	2.9	1.4													6	6	8	5
30/ 29	1.4	4.3	2.9															6	6	9	3
28/ 27	1.4	1.4	1.4															3	3	9	5
26/ 25	1.4	1.4																2	2	8	2
24/ 23																				3	6
22/ 21		1.4	2.9															3	3		7
20/ 19			1.4															1	1	3	9
18/ 17																					6
16/ 15																				1	3
14/ 13																					4
12/ 11																					5
10/ 9		1.4																1	1		5
8/ 7																				1	2
2/ 1																					1
TOTAL	4.3	13.0	23.2	15.9	10.1	15.9	11.6	2.9	1.4		1.4							69	69		69

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 95 F	Total
Rel. Hum.	235020	3786	54.9	20.031	69							
Dry Bulb	102710	2586	37.5	9.228	69		28.7					90
Wet Bulb	69166	2138	31.0	6.552	69		53.5					90
Dew Point	34707	1443	20.9	8.161	69		82.2					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | APR MONTH

PAGE 1 | 0600-0800 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
70/ 69														.1				1	1		
68/ 67													.1					1	1		
66/ 65											.1	.3						3	3		
64/ 63								.3	.3	.1	.1	.1						7	7		
62/ 61								.3	.1	.1	.1	.4						8	8		
60/ 59						.1		.1	.9	.1	.3	.1						12	12		
58/ 57						.1	.4	.3	.7	.0	.3							17	17		
56/ 55						.4	.6	.1	.9	.4								17	17		
54/ 53				.3		.3	.7	.9	.7	.6								24	24		
52/ 51					.9	.4	1.3	.9	.4									27	27		
50/ 49				.3	.7	1.3	.7	1.0	.1									29	29	3	
48/ 47	.3	.1	.3	.6	.6	.3	1.8	.9										37	37	11	2
46/ 45		.1	1.2	.7	1.3	2.5	1.3	.6	.1									54	54	13	
44/ 43		.9	1.6	1.3	1.8	1.2	.4	.7										54	54	41	1
42/ 41		.4	1.3	1.9	1.5	.7	.6	.1										45	45	38	10
40/ 39		.6	1.6	1.9	1.3	1.0	.8											50	50	62	14
38/ 37	.0	1.2	2.5	2.5	.9	.6												56	56	72	18
36/ 35	.8	1.9	2.7	1.9	1.5	.9												64	64	84	32
34/ 33	.0	1.3	1.6	.9	.3	.3												34	34	85	38
32/ 31	.4	.7	1.6	1.6	.3													33	33	68	42
30/ 29	.0	2.4	1.3	.6	.3													35	35	58	50
28/ 27	.7	1.8	.7	.3														24	24	59	59
26/ 25		.3	1.0	.3														11	11	27	68
24/ 23		.3	.7	.1														8	8	13	56
22/ 21		.0																4	4	15	57
20/ 19		.3																2	2	7	45
18/ 17		.9																6	6	2	39
16/ 15	.1	.5																5	5	7	32
14/ 13	.1																	1	1	4	25
12/ 11		.1																1	1		29
10/ 9		.1																1	1	1	28
8/ 7																				1	9
6/ 5	.1																	1	1	1	6
4/ 3																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean Nr. 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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | APR MONTH

PAGE 2 | 0600-0800 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
2/ 1																					4
0/ -1																					2
-2/ -3																					3
-4/ -5																					1
TOTAL	4.5	14.9	18.5	15.5	11.5	11.0	8.9	6.4	4.5	2.1	1.0	1.0	.1	.1				672	672	672	672

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.	2409739	37301	55.5	22.485	672							
Dry Bulb	1192908	27484	40.9	10.129	672		17.7	.3				90
Wet Bulb	800189	22733	33.8	6.814	672		35.2					90
Dew Point	433075	15977	23.8	8.906	672	.8	74.6					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | APR MONTH

PAGE 1 | 0900-1100 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					
76/ 75												.1							1	1		
74/ 73											.1	.1		.1		.1			4	4		
72/ 71											.3	.3	.4	.3		.1			10	10		
70/ 69								.1	.1	.5	.1	.3	.8	.7	.1	.1			22	22		
68/ 67									.1	.4	.7	.7	.4	.4	.1				21	21		
66/ 65									.1	.3	1.5	1.3	.7	.1					31	31		
64/ 63							.1	.3	.5	.9	1.2	.8	.4						32	32		
62/ 61							.5	.7	1.5	1.7	.5	.3							41	41		
60/ 59						.1	.7	1.3	1.3	1.9	1.3	.1							51	51		
58/ 57					.4	.8	.8	.4	1.7	.8	.3								39	39		
56/ 55					.1	.7	.5	2.5	1.6	1.2	.3								52	52	1	
54/ 53			.1	.3	.5	.5	1.2	.9	.9	.5	.1								39	39	4	
52/ 51		.1		.3	.5	.7	1.5	1.9	.5	.4									44	44	8	
50/ 49		.1	.1	.9	.4	1.2	1.6	1.3	1.3	.4									56	56	21	
48/ 47		.3	.3	.5	.9	1.5	1.3	.5	.8										46	46	48	3
46/ 45		.1	1.1	1.9	1.5	1.1	1.3	.4	.4										28	58	71	1
44/ 43			.1	.9	.9	.5	.3	.1											22	22	90	7
42/ 41			.4	1.3	.9	1.2	.3	.3											33	33	96	10
40/ 39	.3	.5	.6	.3	2.0	.5	.5												37	37	80	20
38/ 37	.1	.8	.8	1.1	.5	.3	.1												28	28	79	32
36/ 35	.3	.7	.5	.7	.1														17	17	68	34
34/ 33	.5	.6	.3	.3															19	19	62	38
32/ 31	.5	.8	.7	.7	.1														21	21	54	56
30/ 29		.4	.3																5	5	26	58
28/ 27	.1	.8	.3	.1															10	10	17	64
26/ 25			.1	.1															2	2	11	61
24/ 23		.4	.4																6	6	4	58
22/ 21		.3	.3																4	4	6	69
20/ 19		.4	.1																4	4	4	55
18/ 17																					4	36
16/ 15																					1	39
14/ 13																						20
12/ 11																						18
10/ 9																						23

Element (X)	$\Sigma x'$	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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | APR MONTH

PAGE 2 | 0900-1100 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
8/ 7																					17
6/ 5																					9
4/ 3																					9
2/ 1																					3
0/ -1																					4
-2/ -3																					3
-4/ -5																					3
-6/ -7																					1
-8/ -9																					1
-10/-11																					2
-12/-13																					1
TOTAL	1.9	6.5	7.3	9.3	9.0	9.0	10.7	10.1	11.0	9.0	6.4	4.4	2.6	1.6	.3	.4			755		755
																		755		755	

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.	1658560	31102	41.2	22.370	755							
Dry Bulb	2032007	38211	50.6	11.408	755		6.2	6.9	.6			90
Wet Bulb	1174681	29362	38.9	6.587	755		15.1					90
Dew Point	509793	18155	24.0	9.855	755	1.8	72.7					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | APR MONTH

PAGE 1 | 1200-1400 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
80/ 79												.1		.1			.1	3	3		
78/ 77												.1	.3		.3	.1		6	9		
76/ 75													.3	.3	.3	.1	.1	8	8		
74/ 73											.3	.5	1.1	1.4	.8	.1		30	30		
72/ 71									.5	.1		.4	.7	1.1	.4		.3	26	26		
70/ 69								.1		.1	.3	.7	1.9	1.2	.1	.1		34	34		
68/ 67								.1		.7	.7	2.0	2.0	.4				44	44		
66/ 65							.1		.5	.7	1.5	1.6	.3	.3				37	37		
64/ 63								.5	.9	1.3	2.0	1.5						47	47		
62/ 61						.1	.1	.5	2.0	2.2	1.1	.5						49	49		
60/ 59					.1	.1	.8	.8	2.3	1.8	.8	.1						51	51	1	
58/ 57						.1	.5	1.5	2.7	1.2	1.1	.1						54	54		
56/ 55				.1	.3	.5	1.2	1.2	.9	1.2	.7							46	46	8	
54/ 53				.1	.4	.4	.5	1.2	1.1	1.1	.3							38	38	7	
52/ 51				.4	.8	1.0	.9	1.2	.4	.4	.5							47	47	15	
50/ 49			.1	.8	.4	.7	.5	1.1	.4									29	29	41	
48/ 47			.3	.1	.9	.7	.7	.1	.5									25	25	62	
46/ 45			.8	.4	.9	.4	.7	.4	.4									30	30	106	6
44/ 43		.3	.4	.8	.3	.1	.3	.3										18	18	119	6
42/ 41			.3	.3	.7	.4	.3	.1										15	15	98	10
40/ 39		.5	.3	1.6	.8													24	24	60	16
38/ 37		.4	.8	.9	.1													17	17	52	30
36/ 35	.1	.4	.5	.5														12	12	42	29
34/ 33	.1	.7	.5	.7	.1													16	16	51	34
32/ 31		.9	.5	.4	.1													15	15	29	45
30/ 29		.8	.3	.1														9	9	19	55
28/ 27			.3	.1														3	3	16	60
26/ 25																				2	68
24/ 23		.3																2	4	5	67
22/ 21		.5																4	4	3	52
20/ 19																				3	68
18/ 17																					35
16/ 15																					41
14/ 13																					32

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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | APR MONTH

PAGE 2 | 1200-1400 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
12/ 11																					16
10/ 9		.3																?	2		12
8/ 7																				2	10
6/ 5																					8
4/ 3																					18
2/ 1																					8
0/ -1																					4
-2/ -3																					2
-4/ -5																					1
-6/ -7																					2
-8/ -9																					1
-10/-11																					4
-12/-13																					1
TOTAL	.3	5.1	5.1	7.6	6.1	5.3	6.6	9.3	12.8	10.8	9.2	7.8	6.5	4.6	1.9	.5	.5		741		741
																		741		741	

Element (X)	$\Sigma X'$	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.	1212313	25551	34.5	21.152	741							
Dry Bulb	2399875	41185	55.6	12.236	741		4.3	18.3	5.7	.2		90
Wet Bulb	1282144	30430	41.1	6.627	741		9.6					90
Dew Point	482917	17407	23.5	10.000	741	1.8	74.1					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | APR MONTH

PAGE 1 | 1500-1700 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				
82/ 81												.1						1	1		
80/ 79											.1			.1		.1	.1	4	4		
78/ 77											.1		.1		.1	.3		5	5		
76/ 75										.1		.1	.3	.3	.6	.3		12	12		
74/ 73											.1	.4	.7	.7	.7	.1	.3	22	22		
72/ 71									.1	.1	.0	.4	.9	2.3	.9		.1	38	38		
70/ 69								.1	.1	.1	.1	1.4	2.0	.7	1.3	.1		43	43		
68/ 67									.1	.6	.4	1.7	1.7	.4	.1			36	36		
66/ 65								.4	.9	.6	1.1	2.6	1.0	.4				49	49		
64/ 63						.1	.1	.1	.7	2.0	.4	1.0	.4					39	39		
62/ 61			.1			.1	.1	.3	1.1	2.0	1.3	.6	.1					41	41		
60/ 59							.3	.7	2.1	1.0	1.6	.6						58	58	2	
58/ 57						.1	.9	1.0	1.6	1.0	.7	.1						38	38	3	
56/ 55				.1	.1	.3	.9	1.3	1.6	.5	.3							36	36	2	
54/ 53			.1		.1	.4	.4	1.0	.6	.7	.5							28	28	13	1
52/ 51				.1	1.3	2.0	1.4	.7	.4	.6								46	46	16	
50/ 49				.7	.4	.6	1.1	.6	.1	.1								26	26	29	1
48/ 47				.1	1.0		.4	.6	1.0									22	22	47	3
46/ 45				.9	.6	.6	.3	.3										18	18	105	5
44/ 43		.1	.3	1.0	.4	.1			.1									15	15	117	3
42/ 41		.3	.9	.9	.4	.4	.3	.3										24	24	98	3
40/ 39		.7	.3	.6	.1	.9												18	18	73	14
38/ 37		.1	1.0	.7	.3													15	15	40	24
36/ 35	.3	.1	1.3	.6														16	16	40	31
34/ 33	.6	.9	1.1	.9														24	24	31	32
32/ 31	.1	.6	.1	.1														7	7	32	49
30/ 29		.6	.1	.1														6	6	29	46
28/ 27	.6	.1	.6															8	8	11	53
26/ 25																				2	65
24/ 23		.3																2	2	6	49
22/ 21		.6																4	4	2	60
20/ 19																				3	55
18/ 17																					47
16/ 15																					35

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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | APR MONTH

PAGE 2 | 1500-1700 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
14/ 13																					22
12/ 11																					22
10/ 9																					23
8/ 7																					16
6/ 5																					9
4/ 3																					9
2/ 1																					10
0/ -1																					7
-2/ -3																					3
-4/ -5																					1
-6/ -7																					2
-12/-13																					1
TOTAL	1.4	4.4	6.0	6.8	4.9	5.7	6.3	7.4	10.7	11.8	7.6	9.7	7.3	5.0	3.7	1.0	.6	701	701	701	701

Element (X)	$\Sigma x'$	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.	1165791	23 3	34.1	22.349	701							
Dry Bulb	2320075	39.57	56.1	12.559	701		3.5	20.7	5.6	.1		90
Wet Bulb	1215933	28843	41.1	6.453	701		10.9					90
Dew Point	444478	16212	23.1	9.967	701	1.8	75.0					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 68-75 YEARS | APR MONTH

 1800-2000 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
76/ 75										.2								1	1		
74/ 73														.2				1	1		
72/ 71												.5	.3	.3				7	7		
70/ 69								.2	.2	.2	.3		.5					8	8		
68/ 67								.3		.2	.2		1.4		.5			15	15		
66/ 65									.2	.2	.5	1.4	.2	.2				15	15		
64/ 63								.2	.5	.3	1.2	1.6	.5	.3				27	27		
62/ 61						.2	.3	.7	.5	.9	1.2	.5	.3					27	27		
60/ 59							.2	.3	.7	1.7	1.0	.7						27	27		
58/ 57					.2	.2	.5	.7	1.4	1.4	.5							32	32	1	
56/ 55					.2	.2	.9	1.7	1.7	1.2	1.0	.2						41	41	1	
54/ 53				.2	1.0	.7	.9	1.6	1.4	.9								38	38	4	
52/ 51					.2	.9	2.8	1.4	.2	.5	.2							35	35	6	
50/ 49		.2		.5	.9	2.1	1.0	.9	.5	.2								36	36	9	
48/ 47		.2	.3	.3	1.7	1.7	1.4	.7	.5									40	40	19	1
46/ 45			.2	1.2	.7	.7	2.2	.5	.5									35	35	40	4
44/ 43			.5	1.0	.7	1.0	.9	.5										27	27	52	3
42/ .		.7	.9	1.4	.7	1.4	.3	.5										34	34	67	2
40/ 39		1.2	1.9	.9	.5	.2												25	25	89	12
38/ 37		.7	2.1	.5	.7	.2	.2	.2										26	26	73	22
36/ 35		.2	.9	.9	.3		.2											14	14	48	13
34/ 33	.5	1.0	.5	.5														15	15	64	26
32/ 31	.2	.9	1.7	.7		.2												21	21	27	44
30/ 29	.7	1.4	.3	.3														13	13	30	55
28/ 27		.5	.2															4	4	19	40
26/ 25	.2	.2	.3															4	4	13	51
24/ 23		.3	.2															3	3	4	36
22/ 21			.2															1	1	5	42
20/ 19		1.0																6	6	4	63
18/ 17		.2																1	1	3	44
16/ 15		.2																1	1	1	29
14/ 13																				1	14
12/ 11																					16
10/ 9																					16

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 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 68-75 (YEARS) APR (MONTH)

PAGE 2 1800-2000 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
8/ 7																					13
6/ 5																					8
4/ 3																					8
2/ 1																					3
0/ -1																					7
-2/ -3																					4
-4/ -5																					1
-6/ -7																					1
TOTAL	1.0	8.8	9.8	8.4	7.0	9.8	11.7	10.3	8.3	7.8	6.0	4.8	3.3	1.0	.5			580	580	580	580

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.	1323879	24423	42.1	22.590	580							
Dry Bulb	1472490	28464	49.1	11.427	580		8.4	5.0	.3			90
Wet Bulb	851876	21892	37.8	6.579	580		16.6					90
Dew Point	364570	13431	23.2	9.588	580	2.0	76.8					90

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USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 68-75 YEARS | APR MONTH

PAGE 1 | 2100-2300 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
68/ 67								.4										1	1		
66/ 65												.8						2	2		
64/ 63											.8							2	2		
62/ 61								.4	.4	.4								3	3		
60/ 59								.4		.8	1.1	.4						7	7		
58/ 57						.4			1.1	1.5		.4						9	9		
56/ 55								.8	1.5	2.3	.4							13	13		
54/ 53				.4	.8	1.1		.8	.4	.8	.4							12	12	1	
52/ 51			.4		.8	.4	1.9	3.4	.4		.4							20	20		
50/ 49			.4		.8	1.1	1.9	2.3	.4	.4								19	19		
48/ 47			.4	.8	1.9	3.1	1.1		1.1									22	22	5	
46/ 45		.4	.8	.8	2.7	1.9	.8		.4									20	20	5	1
44/ 43			1.1	.8	2.3	2.3	.8											19	19	11	2
42/ 41		.8	1.1	.8	.4	2.7	1.9											20	20	21	2
40/ 39			2.3	2.7	1.5	1.1	1.1											23	23	40	1
38/ 37		1.1	3.4	1.1	1.1	.8												20	20	38	11
36/ 35			3.4	1.1	.4													13	13	35	11
34/ 33	.4	.4		.4														3	3	30	7
32/ 31		1.5	1.1		.4													8	8	25	12
30/ 29	.4	1.1	.8	.8	.4	.4												10	10	19	26
28/ 27		1.1	.8	.4														6	6	10	21
26/ 25			.4															1	1	6	25
24/ 23		.4	.4															2	2	4	23
22/ 21			.8															2	2	4	22
20/ 19		.8																2	2	3	19
18/ 17		.8																2	2	4	24
16/ 15																					13
14/ 13		.4																1	1	1	10
12/ 11																					9
10/ 9																					6
8/ 7																					3
6/ 5																					6
4/ 3																					1
2/ 1																					5

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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 68-75 YEARS | APR MONTH

PAGE 2 | 2100-2300 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
0/ -1																					1
-2/ -3																					1
TOTAL	.0	8.0	17.0	9.9	13.4	15.3	9.5	8.4	5.7	6.1	3.1	1.5						262	262	262	262

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.	731865	12661	48.3	21.444	262							
Dry Bulb	532109	11531	44.0	9.711	262		11.7	.3				90
Wet Bulb	334984	9226	35.2	5.221	262		26.1					90
Dew Point	199655	6026	23.0	8.965	262	.7	78.0					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 68-75 YEARS | APR MONTH

PAGE 4 | 2100-2300 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
0/ -1																					1
-2/ -3																					1
TOTAL	.4	8.8	17.6	9.9	13.4	15.3	9.5	8.4	5.7	6.1	3.1	2.3						262	262	262	262

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.	731855	12661	48.3	21.444	262							
Dry Bulb	532109	11531	44.0	9.711	262		11.7	.3				90
Wet Bulb	334984	9226	35.2	6.221	262		26.1					90
Dew Point	199658	6028	23.0	8.965	262	.7	78.0					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 70,70-75 YEARS | MAY MONTH

PAGE 1 | 0300-0500 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
68/ 67												.0						1	1		
66/ 65										.6								1	1		
64/ 63									.6									1	1		
62/ 61								.0		.6								2	2		
60/ 59								.0		.6	.6							3	3		
58/ 57						.6	1.1	1.1			.6							6	6		
56/ 55		1.1		.6		.0	.6	.0	1.7	.6								10	10	1	
54/ 53		.0	.6		1.1	1.7	.0	1.1										11	11	1	2
52/ 51		1.1		1.1	1.1	2.0	1.7	.6										15	15	2	1
50/ 49			.6	2.2	1.1	2.2	.0											14	14	3	1
48/ 47		2.2	3.3	2.8	2.8	1.1												22	22	6	1
46/ 45	.	1.7	2.2	1.7	1.1	1.7	1.1											18	18	20	5
44/ 43		2.2	3.9	3.9	1.1	1.7												23	23	23	5
42/ 41		1.1	1.1	2.2	1.7	1.1	.6											14	14	29	10
40/ 39	1	2.2	.0	2.8	.6	1.7												16	16	27	16
38/ 37		1.1	1.1		.6	.6												6	6	20	11
36/ 35	.6	1.7																3	4	14	16
34/ 33		.6	1.1	1.1	.6	.0												7	7	12	20
32/ 31		1.7																3	3	5	12
30/ 29				.6	.6	.6												3	3	10	23
28/ 27																				2	11
26/ 25		.6																1	1	3	8
24/ 23																				2	8
22/ 21																					7
20/ 19																				1	4
18/ 17																					2
16/ 15																					2
14/ 13																					2
12/ 11																					4
10/ 9																					2
8/ 7																					1
6/ 5																					1
-4/ -5																					1

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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67.70-7° YEARS | MAY MONTH

PAGE 4 | 0300-0500 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		Dr Bulb	Wet Bulb	Dew Point
TOTAL	2.2	17.7	14.4	19.9	12.2	17.1	6.1	4.4	2.2	2.2	1.1	.6						181	181	181	181

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.	732672	10858	60.0	21.254	181							
Dry Bulb	394504	8342	46.1	7.466	181		1.6	.5				93
Wet Bulb	207230	7130	39.4	5.946	181		11.8					93
Dew Point	192677	5653	31.2	9.464	181	.5	47.8					93

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | MAY MONTH

PAGE 1 | 0600-0800 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
80/ 79													.1					1	1		
78/ 77											.1			.1	.1			3	3		
76/ 75											.1		.4					4	4		
74/ 73											.3		.3					4	4		
72/ 71										.1	.3	.3						5	5		
70/ 69									.3	.3	.9	.5						15	15		
68/ 67								.4	.3	.8	.3	.4		.1				17	17		
66/ 65						.1	.3	.1	.7	.4	.3	.4	.1					18	18		
64/ 63					.1	.3	.3	.9	1.1	.7	.4	.1	.1					30	30		
62/ 61				.3	.3	1.1	.7	.7	1.9	.5	.1							41	41		
60/ 59					.7	.7	1.1	1.5	.9	.5	.1							41	41		
58/ 57		.1	.4	.4	.8	1.5	1.6	1.3	.8	.1	.1							56	54	1	
56/ 55		.4	.4	.6	.7	1.3	.9	1.2	.5	.3								49	49	10	
54/ 53		.3	.7	.7	1.1	1.9	1.5	.7	.5									54	54	21	3
52/ 51		.5	.7	.9	2.4	2.0	.8	.7	.1									58	58	41	6
50/ 49		.5	1.1	1.5	1.7	.9	1.1	.5										55	55	67	8
48/ 47	.1	1.2	1.6	2.8	1.9	1.2	.5	.3	.1									73	74	65	15
46/ 45	.3	2.4	2.9	.9	.9	.9	.7	.4										71	71	94	41
44/ 43	.1	2.0	2.3	1.9	.5	.4	.3											58	58	110	37
42/ 41	.4	1.1	.7	.8	.1	.3	.1											26	26	111	49
40/ 39	.7	.7	1.1	.3	.1	.3	.1											24	24	78	59
38/ 37	.4	.3	.9	.4	.3	.3	.1											20	20	54	75
36/ 35		.7	.1	.5	.3													12	12	39	78
34/ 33		.7	.1	.3														8	8	15	69
32/ 31		.3		.5														6	6	22	74
30/ 29																				9	50
28/ 27				.1														1	1	5	41
26/ 25																				5	26
24/ 23																				1	23
22/ 21																					23
20/ 19																					20
18/ 17																					9
16/ 15																					19
14/ 13																					6

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												

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) MAY (MONTH)

 0600-0800 (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
12/ 11																					3
10/ 9																					9
8/ 7																					2
6/ 5																					3
TOTAL	2.0	11.1	13.2	13.1	11.9	12.7	10.0	8.7	7.2	3.7	3.1	1.7	1.1	.3	.1			748	749	748	749

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.	2552391	40485	54.1	21.988	748							
Dry Bulb	2078202	38860	51.9	9.108	749		.9	9.1	1.5			93
Wet Bulb	1408461	32161	43.0	5.862	748		5.2					93
Dew Point	897375	25039	33.5	8.903	748		38.3					93

USAFETAC FORM 0-26-3 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | MAY MONTH

PAGE 1 | 0900-1100 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				
84/ 83												.3	.1	.1	.1	.8	.3	13	13		
82/ 81												.1	.3		.5	.1	.1	11	11		
80/ 79												.1	.3	.6	.4	.1		12	12		
78/ 77											.3		.6	.4	.6	.1		16	16		
76/ 75									.4	.3	.5	1.4	1.0	1.4	.1			40	40		
74/ 73									.3	.6	1.3	1.3	1.4	.6	.5			47	47		
72/ 71					.1				.8	.5	.9	1.3	.8	.4	.1	.1		39	39		
70/ 69						.1	.5	.3	1.6	.9	1.4	.9	1.1	.1	.1			56	56		
68/ 67						.1	.3	1.4	.8	1.1	1.1	1.0	.4					49	49		
66/ 65						.8	.6	1.0	.6	1.1	1.0	.6	.3					48	48		
64/ 63					.6	.4	1.6	1.1	1.0	1.5	.6	.6	.1					61	61	1	
62/ 61				.1	.6	.0	.9	.9	.8	.9	.6							43	43	3	
60/ 59				.3	.5	1.1	.5	1.1	1.1	1.1								46	46	10	1
58/ 57				.3	.4	1.5	.9	1.0	1.0	.5	.1							46	46	15	
56/ 55		.1	.1	.4	1.3	1.5	1.3	.9	.1		.1							46	46	52	
54/ 53		.1	.4	.6	1.5	.9	.8	.5	.5	.3								44	44	87	1
52/ 51		.3	.8	1.4	.8	.6	.6	.3	.4									40	40	82	14
50/ 49		.4	.6	.0	1.5	.4	.1	.4	.1									33	33	96	18
48/ 47	.1	.8	.8	.4	.5	.3	.1	.4										26	26	106	17
46/ 45		1.4	1.3	.3	.1	.1		.3										27	27	106	38
44/ 43	.1	.8	.5	.0		.5												20	20	82	61
42/ 41		.4	.5	.4	.3													12	12	67	57
40/ 39	.5	.3	.3	.3	.1													11	11	34	75
38/ 37		.3		.1														3	3	19	63
36/ 35	.1	.5			.1													6	6	18	66
34/ 33		.1		.1														2	2	13	61
32/ 31																				4	58
30/ 29																					44
28/ 27																				2	50
26/ 25																					33
24/ 23																					15
22/ 21																					32
20/ 19																					27
18/ 17																					19

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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) MAY (MONTH)

PAGE 2 0900-1100 (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
16/ 15																					13
14/ 13																					6
12/ 11																					13
10/ 9																					3
8/ 7																					1
6/ 5																					2
4/ 3																					1
0/ -1																					1
-2/ -3																					1
TOTAL	.1	5.1	5.1	5.8	8.4	8.9	8.2	9.4	9.4	8.9	7.9	7.5	6.3	3.0	2.5	1.3	.6		797		797
																		797		797	

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.	1704668	32488	40.8	21.860	797							
Dry Bulb	3102272	48964	61.4	10.876	797			33.0	16.2	3.6		93
Wet Bulb	1811679	37717	47.3	5.799	797		.7					93
Dew Point	976456	26776	33.6	9.826	797	.2	37.9					93

USAFETAC FORM 0-26-5 (OL A) JUL 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | MAY MONTH

PAGE 1 | 1200-1400 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
90/ 89																	.2	2	2		
88/ 87																	.5	4	4		
86/ 85															.2		.9	9	9		
84/ 83												.1	.1	.2	.2	.0	.2	13	13		
82/ 81														.5	.4	.5	.2	13	13		
80/ 79										.2	.4	.5	1.0	1.9	1.4	.6	.2	50	50		
78/ 77									.1	.2	1.0	.5	1.4	.9	.9		.1	41	41		
76/ 75									.4	.1	.9	1.7	1.2	1.6	.7	.4		57	57		
74/ 73								.1	.7	.5	1.9	1.4	2.1	1.1	.7	.7		75	75		
72/ 71								.2	.7	1.2	1.7	.9	.7	.1	.1			47	47		
70/ 69								.9	.7	.7	1.5	1.1	1.2	.1				51	51		
68/ 67						.1	.1	1.0	1.0	.7	.9	1.6	.5		.1			49	49		
66/ 65						.4	.7	.9	.7	1.7	.6	1.0		.1				50	51		
64/ 63				.1	.2	.5	1.9	1.7	.6	.7	.7	.7						59	59	1	
62/ 61					.2	1.5	1.4	.6	1.1	1.4	.5							54	54	3	
60/ 52				.1	.4	.9	.6	.9	.4	.2	.4							31	31	16	
58/ 57			.2	.4	.7	.5	1.1	.7	.2	.2	.1							35	35	33	
56/ 55				1.1	.5	1.2	.7	.4	.4	.3	.1							38	38	57	
54/ 53			.2	.2	1.1	.4	.2		.1	.2								21	21	115	1
52/ 51			.1	.5	.5	.7		.2	.1	.1								19	19	117	10
50/ 49		.1		.9	.7	.1	.1	.2										18	18	124	14
48/ 47		.5	.4	.6	.1	.1	.5											18	18	90	21
46/ 45	.1	.2	1.1	.6	.2													19	19	86	43
44/ 43		.1	.2	.2		.1												6	6	57	54
42/ 41		1.0	.7			.1												15	15	42	51
40/ 39	.1	.4	.1															5	5	30	77
38/ 37	.1																	1	1	17	83
36/ 35																				10	54
34/ 33	.1	.2																3	3	2	66
32/ 31		.1																1	1	3	59
30/ 29																				1	43
28/ 27																					38
26/ 25																					22
24/ 23																					28

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 A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | MAY MONTH

PAGE 2 | 1200-1400 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
22/ 21																					35
20/ 19																					25
18/ 17																					16
16/ 15																					16
14/ 13																					11
12/ 11																					9
10/ 9																					15
8/ 7																					2
6/ 5																					1
4/ 3																					2
2/ 1																					3
0/ -1																					1
-2/ -3																					2
-4/ -5																					1
-6/ -7																					1
TOTAL	.2	2.7	3.2	4.9	4.9	6.7	7.5	8.0	7.5	8.8	10.7	9.6	8.3	6.6	4.7	2.9	2.5		805		804
																		804		804	

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.	1308197	28009	34.8	20.347	804							
Dry Bulb	3580511	52961	65.8	10.939	805		.1	47.5	30.5	6.8		93
Wet Bulb	1952207	39371	49.0	5.496	804		.5					93
Dew Point	963187	26543	33.0	10.403	804	.6	38.2					93

USAFETAC FORM 20L 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | 9, Y MONTH

PAGE 1 | 1500-1700 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
88/ 87																	1.1	8	8		
86/ 85																.3	.4	5	5		
84/ 83															.1	.3		3	3		
82/ 81													.1	.7	.9	.7	.9	23	23		
80/ 79											.1	.3	1.4	1.7	.7	.3	.7	37	37		
78/ 77											.4	1.3	1.0	.9	.9	.3	.3	33	33		
76/ 75									.3	.1	.7	1.4	1.0	2.4	.7			47	47		
74/ 73									.7	1.1	1.0	.7	2.1	.9	.9	.4		55	55		
72/ 71								.1	1.3	.9	1.4	1.7	1.0	.9	.2			53	53		
70/ 69								.1	1.3	1.9	1.6	1.6	1.0	.1				43	43		
68/ 67								1.3	1.3	1.0	.9	1.1		.1				40	40		
66/ 65					.1	1.3	1.0	1.4	1.6	1.7	1.1	.7	.1	.1				65	65		
64/ 63						.3	1.1	1.0	.7	.7	.7	1.3	.1					42	42		
62/ 61				.1	.4	.9	.9	.9	.3	.6	1.9	.1						36	36		
60/ 59			.3	.4	.9	.4	.9	.7	.3	.3	.4							32	32	4	
58/ 57				.0	1.0	.0	.7	.0	.6	.2								30	30	24	
56/ 55			.3	.7	.4	1.4	1.0	.3	.3									31	31	76	
54/ 53			.3	.4	.3	.4			.1									11	11	86	2
52/ 51			.3	.6	1.0	.6	.1	.1		.1								20	20	101	4
50/ 49		.6	.0	1.7	.6	.1	.3	.1	.3									30	30	103	10
48/ 47	.1	.1	.1	1.0	.4	.3		.3										17	17	86	27
46/ 45	.1	.1	.7	.6		.1												13	13	75	46
44/ 43		.1	.6	.1	.1													7	7	58	44
42/ 41		.4		.1														4	4	36	46
40/ 39	.3	.4		.1														6	6	26	58
38/ 37	.3	.1	.3															5	5	10	75
36/ 35	.1		.3															3	3	8	54
34/ 33																				4	40
32/ 31																				2	47
30/ 29																					46
28/ 27																					24
26/ 25																					6
24/ 23																					32
22/ 21																					22

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												

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | MAY MONTH

PAGE 2 | 1500-1700 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
20/ 19																					27
18/ 17																					16
16/ 15																					15
14/ 13																					6
12/ 11																					13
10/ 9																					7
8/ 7																					3
6/ 5																					3
4/ 3																					2
2/ 1																					1
-4/ -5																					2
-6/ -7																					1
TOTAL	1.1	2.0	3.7	6.0	5.3	6.4	6.0	7.0	9.0	7.9	8.9	10.3	8.0	7.9	4.1	2.3	3.4	699	699	699	699

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.	1197645	24861	35.6	21.190	699							
Dry Bulb	3083693	45805	65.5	10.847	699			46.2	28.1	7.2		9
Wet Bulb	1684797	34123	48.8	5.220	699		.3					23
Dew Point	839633	23117	33.1	10.374	699	.4	39.0					23

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | MAY MONTH

PAGE 1 | 1900-2000 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
86/ 85																	.2	1	1		
84/ 83																.2		1	1		
82/ 81																.2		1	1		
80/ 79												.3		.5	.2	.2	.3	9	9		
78/ 77											.2	.3	.6	.2	.3			11	11		
76/ 75										.5	.6	.6	.6	1.1	.3			25	25		
74/ 73								.2		.2	1.4	1.4	.6	.6				29	29		
72/ 71									.5	.9	.2	.5	.9	.5	.2			23	23		
70/ 69							.2	.2	.5	.8	1.5	.9	.5	.5				32	32		
68/ 67					.2		.3	1.2	1.5	1.2	1.4	2.0	.6	.2				56	56		
66/ 65					.2	.2	.6	1.4	1.1	1.1	.6	.9	.3					41	41		
64/ 63					.3	.3	1.4	2.0	1.4	1.1	1.2	.3	.2					53	53		
62/ 61				.2	.3	.5	1.5	.8	.6	1.1	.6	.5	.2					44	44		
60/ 59			.2		.5	1.2	1.4	.3	.5	.5	.5							32	32	5	
58/ 57			.3	.2	1.7	1.4	.6	.8	1.1	.6	.2							44	44	6	
56/ 55		.3	.5	1.7	1.5	1.7	.9	1.5	.6	.5	.2							61	61	25	1
54/ 53		.2		1.5	1.2	.6	.5	.6	.5	.3								35	35	56	2
52/ 51		.2	.3	1.5	1.2	.2	.2	.3										29	29	72	6
50/ 49		.3	.6	1.9	.9	.2	.5		.2									25	25	105	11
48/ 47		.8	1.1	.9	.5		.2	.2	.2									24	24	87	9
46/ 45	.3	.3	1.2	2.0	.2	.3	.5	.3										33	33	92	40
44/ 43		.2	.5	.9	.3	.3	.2											15	15	63	50
42/ 41		.5		.6	.2			.2										9	9	48	44
40/ 39		1.5	.2	.3														13	13	38	75
38/ 37		.2		.5														4	4	24	70
36/ 35				.2														1	1	14	51
34/ 33		.2																1	1	10	37
32/ 31	.2	.2																2	2	6	33
30/ 29																				3	38
28/ 27																					32
26/ 25																					33
24/ 23																					22
22/ 21																					19
20/ 19																					19

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 95 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | MAY MONTH

 1800-2000 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
18/ 17																					19
16/ 15																					14
14/ 13																					7
12/ 11																					5
10/ 9																					4
8/ 7																					4
6/ 5																					3
4/ 3																					4
2/ 1																					1
0/ -1																					1
TOTAL	.2	4.6	5.5	11.9	8.7	7.2	8.7	9.8	8.4	8.6	8.4	7.6	4.6	3.4	1.3	.5	.5	654	654	654	654

Element (X)	$\Sigma X'$	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.	1499743	27875	42.6	21.846	654							
Dry Bulb	2407043	39123	59.8	10.104	654		.3	26.7	10.9	1.3		93
Wet Bulb	1439564	30468	46.6	5.554	654		1.3					93
Dew Point	797067	21877	33.5	9.997	654	.1	30.7					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 70-75 YEARS | MAY MONTH

PAGE 1 | 2100-2300 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
72/ 71											.7							1	1		
70/ 69							.7		.7	1.4	.7	.7						6	6		
68/ 67									1.4			1.4	.7					5	5		
66/ 65						.7	.7		.7			2.8						5	5		
64/ 63					.7			5.4	2.0	.7	.7							14	14		
62/ 61				.7				1.4	2.0	2.8	1.4	.7						12	12		
60/ 59						1.4	.7	1.4	2.0	1.4		.7						11	11		
58/ 57				.7	.7	4.1				.7								9	9	2	
56/ 55				4.1	1.4	1.4	.7	2.0	2.0									17	17	3	
54/ 53				1.4	1.4	2.8	4.1		.7	.7								15	15	2	
52/ 51				3.4	2.0	.7	1.4	2.0										14	14	5	2
50/ 49		.7		2.0	.7	.7	.7	.7										6	8	22	3
48/ 47			.7	.7	2.0		.7	.7										7	7	19	
46/ 45		.7	2.7	.7		.7												7	7	20	7
44/ 43		.7		2.0		.7	.7											6	6	21	4
42/ 41			.7	.7														2	2	16	11
40/ 39		.7	1.4	.7				.7										5	5	17	17
38/ 37																				8	15
36/ 35				.7														1	1	5	13
34/ 33			.7															1	1	3	10
32/ 31		.7																1	1	2	9
30/ 29																				2	8
28/ 27																				1	9
26/ 25																					7
24/ 23																					7
22/ 21																					5
20/ 19																					6
18/ 17																					7
16/ 15																					1
14/ 13																					3
12/ 11																					1
9/ 7																					1
6/ 5																					1
2/ 1																					1

Element (X)	$\Sigma x'$	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												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 70-75 YEARS | MAY MONTH

PAGE 2 | 2100-2300 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
TOTAL		3.4	6.1	17.6	8.8	12.2	18.1	14.2	11.5	6.8	3.4	0.4	.7					148	148	148

Element (X)	$\Sigma X'$	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.	364665	6769	45.7	19.356	148							
Dry Bulb	461175	8173	55.2	8.181	148		.6	7.5				93
Wet Bulb	292475	6527	44.1	5.609	148		3.1					93
Dew Point	167572	4768	32.2	9.747	148		41.5					93

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 70-75 YEARS | MAY MONTH

PAGE 2 | 2100-2300 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
TOTAL		3.4	6.1	17.6	8.8	12.2	10.1	14.2	11.5	6.8	3.4	5.4	.7					148	148	148

Element (X)	$\Sigma X'$	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.	364665	6769	45.7	19.356	148							
Dry Bulb	461175	8173	55.2	8.181	148		.6	7.5				93
Wet Bulb	292475	6527	44.1	5.609	148		3.1					93
Dew Point	167572	4768	32.2	9.747	148		41.5					93

FORM 70E 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67,69-75 YEARS | JUN MONTH

PAGE 1 | 0300-1500 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				
72/ 71											.5	.5						2	2		
68/ 67									1.1		.5							3	3		
66/ 65					.5			.5	1.1		.5							5	5		
64/ 63				.5			1.6	1.0	.5	.5								9	9		
62/ 61			.5	1.6	1.1	1.1	2.1	1.1	.5									15	15		
60/ 59		.5	1.1	2.1	3.2	3.2	1.6	1.1										24	24	1	
58/ 57			.5	3.2	2.1	2.1												15	15	5	
56/ 55		2.1	3.2	2.1	2.6	3.7	1.6	.5										30	30	8	4
54/ 53	.5	2.1	2.6	2.1	3.4	2.6												25	25	13	7
52/ 51		1.1	.5	1.6	3.2	2.6	.5	.5										19	19	11	7
50/ 49	1.1	.5	2.6	2.6	1.1				.5									16	16	34	11
48/ 47	1.1	1.6	.5		1.1													8	8	20	23
46/ 45		.5	.5	.5	2.1													7	7	35	13
44/ 43			.5	.5														2	2	12	21
42/ 41		.5	1.1															3	3	9	9
40/ 39		.5		1.1			.5											4	4	8	21
38/ 37	.5			.5														2	2	7	24
36/ 35																				1	14
34/ 33																				3	10
32/ 31																					7
30/ 29																				1	7
28/ 27																					7
26/ 25																					1
20/ 19																					1
10/ 9																					1
8/ 7																					1
TOTAL	3.4	9.5	13.8	18.5	20.1	15.3	7.9	5.3	3.7	.5	1.6	.5						189	189		189
																				189	

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.	786500	11088	61.6	18.407	189							
Dry Bulb	576250	10266	54.8	6.404	189			2.4				90
Wet Bulb	432308	8484	47.5	5.193	189		.5					90
Dew Point	326397	7709	40.8	7.976	189		11.9					90

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | JUN MONTH

PAGE 1 | 0600-0800 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
84/ 83														.1	.1	.1		3	3		
82/ 81											.1		.1	.4		.1	.1	7	7		
80/ 79											.1	.1	.1		.3	.1		6	6		
78/ 77										.1	.4	.7	.1	.1	.1			12	12		
76/ 75							.1			.3	.8	.9	.3		.1			19	19		
74/ 73							.1	.1	.3	.7	1.1	.4	.1					21	21		
72/ 71					.3		.3	.8	1.5	1.5	.4							35	35		
70/ 69				.1		.4	.4	1.1	1.6	1.2	.6							42	42		
68/ 67				.1	.1	.9	.7	1.8	1.9	.8	.4	.1						50	50		
66/ 65				.1	.9	1.5	1.6	1.7	1.9	.2	.4							63	63	1	
64/ 63				1.2	1.5	1.5	1.7	2.0	.7	.5								68	68	3	
62/ 61			.2	2.1	1.2	1.3	2.4	2.3	.9	.1								88	88	6	1
60/ 59		.2	.5	1.3	2.4	1.5	1.9	1.1	.1	.3								72	72	17	2
58/ 57		.4	1.7	.9	.9	1.0	1.2	.3	.4									56	56	59	5
56/ 55	.1	.7	1.5	1.3	1.3	1.9	.4	.5										58	58	97	16
54/ 53	.3	.7	.5	.3	1.2	1.1	.4	.1										38	38	120	34
52/ 51	1.1	1.1	.5	.7	.8	.7	.3											38	38	117	52
50/ 49	.7	.8	.2	1.5	.2	.1			.1									32	32	114	54
48/ 47	.1	.1	.4		.7	.4												13	13	80	68
46/ 45	.1	.4	.3		.3													8	8	56	72
44/ 43	.1	.3	.4	.1														7	7	29	63
42/ 41		.3	.3	.1														5	5	22	60
40/ 39		.1	.3															3	3	14	87
38/ 37	.4																	3	3	10	70
36/ 35																				2	59
34/ 33																					32
32/ 31																					22
30/ 29																					12
28/ 27																					14
26/ 25																					13
24/ 23																					4
22/ 21																					2
20/ 19																					1
14/ 13																					2

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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | JUN MONTH

PAGE 2 | 0600-0800 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
12/ 11																					1
10/ 9																					1
TOTAL	2.7	5.4	7.8	10.7	12.0	13.4	11.5	11.0	9.4	5.8	4.8	2.3	.8	.7	.1	.4	.1	747	747	747	747

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.	2401956	39574	53.0	20.234	747							
Dry Bulb	2870337	45889	61.4	8.295	747			23.5	0.2	1.4		90
Wet Bulb	1953119	38017	50.9	4.956	747							90
Dew Point	1369285	31459	42.1	7.717	747		8.7					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | JUN MONTH

PAGE 1 | 0900-1100 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
96/ 95																	.3	2	2		
94/ 93																	.8	6	6		
92/ 91															.1		.4	6	6		
90/ 89														.1	.1	.4	.9	12	12		
88/ 87										.1			.3	.1	.3	.4	.8	15	15		
86/ 85												.1	.5	.4	1.2	.8	.8	32	32		
84/ 83										.1	.1	.4	1.1	1.1	.6	.5	.3	34	34		
82/ 81						.1	.1		.1	.1	.4	1.4	.9	.5	.9	.8	.3	47	47		
80/ 79										.8	1.3	3.3	1.8	1.4	.4			70	70		
78/ 77							.6	.1	.3	.5	2.0	1.4	1.0	.5				51	51		
76/ 75						.1		.0	1.0	1.9	1.8	1.9	.3					60	60		
74/ 73						.1	.6	1.0	.8	1.5	1.4	.8	.3	.4				54	54		
72/ 71						.1	.9	.9	1.3	1.0	2.0	.6						54	54	1	
70/ 69					.3	.6	1.3	1.5	1.9	.8	1.7	.3	.1	.1				68	68	2	
68/ 67					.4	.6	.9	1.5	2.6	.9	.4	.4		.1				61	62		
66/ 65				.3	.4	.6	.9	.9	1.1	1.3	.3							46	47	9	1
64/ 63			.1	.1	.0	1.4	.9	.3	1.1	.5	.1							41	42	13	2
62/ 61			.4	.4	.3	.5	.4	.4	.5	.3								26	26	45	1
60/ 59		.1	.3	.1	.1	.9	.1	.9	.4									23	23	90	7
58/ 57		.1	.4	.3	.0	.5	.4	.3	.1									23	23	143	12
56/ 55		.4		.4		.1												7	7	124	13
54/ 53		.5	.1	.1			.3											8	8	112	25
52/ 51	.4	.5	.3	.3		.1												14	14	86	53
50/ 49	.4		.1	.5														8	8	65	50
48/ 47		.3	.3															4	4	38	53
46/ 45	.1	.1																2	2	30	85
44/ 43		.3	.1															3	3	13	79
42/ 41		.2	.1															3	3	5	74
40/ 39																				3	61
38/ 37	.1	.3																3	3	3	58
36/ 35	.1																	1	1	2	52
34/ 33																					40
32/ 31																					29
30/ 29																					30

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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | JUNE MONTH

PAGE 2 | 0900-1100 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 Poi.
28/ 27																					21
26/ 25																					11
24/ 23																					10
22/ 21																					7
20/ 19																					2
18/ 17																					2
16/ 15																					1
14/ 13																					1
10/ 9																					3
8/ 7																					1
TOTAL	1.1	2.8	2.4	2.7	2.9	6.2	7.4	8.4	11.2	9.8	11.5	10.6	6.2	5.2	4.2	2.8	4.3	784	787	784	784

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.	1395979	29451	37.6	19.233	784							
Dry Bulb	4139338	56518	71.8	10.122	787			65.5	44.5	20.7	.9	90
Wet Bulb	2352068	42760	54.5	5.042	784			.3				90
Dew Point	1401062	32442	41.4	8.652	784		13.5					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | JUN MONTH

PAGE 1 | 1200-1400 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
96/ 95																	1.0	8	8		
94/ 93															.1	.3	1.4	15	15		
92/ 91										.1						.1	2.3	20	20		
90/ 89										.1	.1		.4	.5	.5	.3	2.4	34	34		
88/ 87												.1	.1	.3	.6	.9	2.3	34	34		
86/ 85										.3	.3	.4	1.3	.6	.2	1.7	.8	45	45		
84/ 83									.1		.3	.6	1.7	1.7	1.3	.6	.5	53	53		
82/ 81						.3			.1		.5	1.3	2.2	2.6	1.5	1.0	.3	76	76		
80/ 79									.1	.4	1.8	1.9	1.5	1.5	.1	.1		59	59		
78/ 77							.3	.1	.6	2.0	1.3	2.5	1.9	.8	.9			83	83		
76/ 75								.6	.5	2.0	1.0	2.6	1.4	.6		.4		72	72		
74/ 73						.1	.3	.4	1.8	1.0	.8	1.0	1.5					54	54	1	
72/ 71						.3	.5	.6	1.4	1.1	.8	1.1	.9					53	53	4	
70/ 69						.1	.8	.6	.5	1.0	.4	1.0	.3	.1				38	39		
68/ 67					.3	.5	.9	1.1	.1	.9	.5	.3	.1					37	37	5	1
66/ 65					.3	.3	.5	.5		.5	.5							20	20	11	3
64/ 63					.6	.5	.6	.3	.3	.3	.1							21	21	19	1
62/ 61				.1	.3	.4	.3		.1									9	9	53	
60/ 59				.4	.8			.1										10	10	90	6
58/ 57		.1	.3		.3		.3	.1	.1									9	9	157	5
56/ 55						.1												1	1	152	10
54/ 53		.1		.3	.4		.1											7	7	105	17
52/ 51	.1	.5		.3	.1													12	12	71	42
50/ 49	.1	.4	.1	.1														6	6	49	53
48/ 47			.1															1	1	33	49
46/ 45			.3	.1														3	3	18	82
44/ 43		.1																1	1	5	57
42/ 41	.1																	1	1	6	62
40/ 39	.1																	1	1	1	68
38/ 37		.1																1	1	1	48
36/ 35																					63
34/ 33																					40
32/ 31																					43
30/ 29																					31

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 A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) JUL (MONTH)

PAGE 2 1200-1400 (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
28/ 27																					25
26/ 25																					20
24/ 23																					13
22/ 21																					21
20/ 19																					8
18/ 17																					3
16/ 15																					3
14/ 13																					5
12/ 11																					3
10/ 9																					1
8/ 7																					1
TOTAL	.2	1.7	.3	1.5	2.9	2.0	4.5	4.6	5.9	9.8	8.2	13.3	13.3	8.7	5.5	5.4	11.0		785		784
																		784		784	

Element (X)	$\Sigma X'$	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.	956222	23821	30.4	17.230	784							
Dry Bulb	4664395	60017	76.5	9.833	785			78.2	43.4	35.5	2.6	90
Wet Bulb	2431525	43499	55.5	4.802	784			1.1	≥1			90
Dew Point	1297385	30994	39.5	9.595	784		20.3	≥1				90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | JUNE MONTH

PAGE 1 | 1500-1700 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
98/ 97																	.3	2	2		
94/ 93															.1	.1	2.3	18	18		
92/ 91											.4			.3		.1	2.4	23	23		
90/ 89													.1	.3	.4	.1	2.0	22	22		
88/ 87												.6	.3	.4	.4	.6	2.4	35	35		
86/ 85												.1	.8	1.1	1.3	2.0	.6	42	42		
84/ 83												.8	1.4	1.4	2.0	1.4	1.0	61	61		
82/ 81							.1			.1	.1	.8	.7	2.5	1.8	.7	1.0	57	57		
80/ 79									.3	.4	1.0	1.7	2.4	1.3	.3	.6	.1	57	57		
78/ 77								.1	.8	1.1	1.4	2.1	2.7	1.1	.1	.3		70	70		
76/ 75							.1	.6	.4	1.0	1.4	2.7	1.3	1.8				68	68		
74/ 73						.1	.6	1.3	1.5	1.0	2.0	1.0	1.0	.4	.1			64	64		
72/ 71						.1	.6	1.1	1.0	.3	1.1	.1	.1					32	32	3	
70/ 69				.1		.7	.4	.6	.4	.3	.1	.8	.1					26	26	1	
68/ 67					.1			.7	.3	.6	.7	.6						21	21		
66/ 65				.1	.4	.2	.3	.8	.7	.3	.3	.3						25	25	11	
64/ 63			.1		.4	1.0	1.0		.1									19	19	14	4
62/ 61			.1	.7	.4	.1	.3											12	12	52	1
60/ 59				.8	.4	.1	.3		.4									15	15	86	2
58/ 57			.1		.1	.1			.1									4	4	109	4
56/ 55			.4	.6		.1												8	9	146	16
54/ 53		.4	.4		.1													7	7	120	23
52/ 51			.1	.1	.1													3	3	69	28
50/ 49			.1	.1														2	2	46	49
48/ 47			.6															4	4	23	43
46/ 45		.6	.7															9	9	11	56
44/ 43		.3	.1															3	3	11	50
42/ 41																				7	46
40/ 39		.1																1	1	1	70
38/ 37																					60
36/ 35																					55
34/ 33																					32
32/ 31																					41
30/ 29																					29

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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | JUL MONTH

PAGE 2 | 1500-1700 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
28/ 27																					24
26/ 25																					26
24/ 23																					15
22/ 21																					9
20/ 19																					9
18/ 17																					7
16/ 15																					5
14/ 13																					3
12/ 11																					3
TOTAL		1.4	3.0	2.7	2.3	2.8	3.7	5.5	6.2	5.1	8.0	11.7	11.0	10.7	7.3	6.2	12.0		711		710
																		710		710	

Element (X)	$\Sigma X'$	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.	909596	21790	30.7	18.431	710							
Dry Bulb	4214027	54253	76.3	10.226	711			72.7	65.7	38.2	2.5	90
Wet Bulb	2182946	39228	55.3	4.686	710			.5				90
Dew Point	1195356	27816	39.2	9.018	710		21.7					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | JUL MONTH

PAGE 1 | 1800-2000 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
94/ 93																	.2	1	1		
92/ 91																	.3	2	2		
90/ 89														.2	.2		1.1	9	9		
88/ 87											.2			.2	.3	.3	.6	10	10		
86/ 85													.3	.2	.6	.8	.3	14	14		
84/ 83										.3		.2	.6	.5	1.7	.6	.6	29	29		
82/ 81									.2	.3	.3	.6	.8	.8	1.1	.5	.3	31	31		
80/ 79								.2		.2	.3	.6	2.3	1.5	.5	.3	.2	39	39		
78/ 77									.5	.6	1.1	1.2	1.2	.9	.8	.3	.2	44	44		
76/ 75							.2	.6	.3	1.7	1.4	1.7	1.1	.8	.6			54	54		
74/ 73					.2	.3	.3	.8	.6	1.8	1.5	1.7	.6		.3			53	53		
72/ 71				.2			.9	1.2	1.7	1.5	2.7	.6	.2	.3				61	61		
70/ 69				.2	.2	.6	.2	.8	1.4	2.0	.5	.6	.2	.2				43	43		
68/ 67					.2	1.1	1.4	1.2	1.7	1.4	.5	.3						50	50	3	
66/ 65				.2	.5	1.4	.8	1.7	.9	.6	.2							42	42	6	
64/ 63			.2	.6	1.4	1.1	1.1	.6	.2	.5	.3							41	41	8	
62/ 61			.3	.3	.6	.8	.8	.2	.5		.3							24	24	20	2
60/ 59		.2	.6	.3	1.1	.6	.8	.6	.3									30	30	53	7
58/ 57			.3	.5		1.2	.3	.3	.5									20	20	74	7
56/ 55		.5	.3	.9			.3	.2										14	14	128	11
54/ 53		.3	.3	1.1			.2	.2										13	13	101	24
52/ 51	.2	.3	.3	.3		.3												9	9	98	29
50/ 49	.3			.2														3	3	69	48
48/ 47			.6	.3														6	6	40	43
46/ 45		.3	.6															6	6	22	51
44/ 43		.3	.3															4	4	16	53
42/ 41		.2																1	1	12	49
40/ 39		.2																1	1	4	64
38/ 37		.3																2	2	2	63
36/ 35																					48
34/ 33																					30
32/ 31																					28
30/ 29						.2												1	1		34
28/ 27																					18

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 A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | JUN MONTH

PAGE 2 | 1800-2000 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
26/ 25																					7
24/ 23																					11
22/ 21																					4
20/ 19																				1	7
18/ 17																					7
16/ 15																					2
14/ 13																					3
12/ 11																					1
10/ 9																					5
-4/ -5																					1
TOTAL	.2	2.4	4.1	4.9	4.0	7.5	7.0	8.7	8.5	10.8	9.4	7.5	7.2	5.3	5.9	2.7	3.7	657	657	657	657

Element (X)	$\Sigma x'$	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.	1228856	25174	38.3	20.071	657							
Dry Bulb	3295199	46065	70.1	9.983	657		.1	60.2	39.2	15.3	.1	90
Wet Bulb	1887738	35058	53.4	5.093	657		.1	.4				90
Dew Point	1111365	26279	40.0	9.583	657	.1	17.5					90

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 70-75 YEARS | JUL MONTH

 2100-2300 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
82/ 81															.7			1	1		
80/ 79													.7	.7	.7			3	3		
78/ 77												.7	.7					2	2		
76/ 75											1.4	1.4	1.4		.7			7	7		
74/ 73						.7		.7	.7	2.0	.7				.7			8	8		
72/ 71							1.4	.7	1.4	3.4	2.0	.7	2.0					17	17		
70/ 69						.7		1.4	1.4	3.4	2.0	1.4						15	15		
68/ 67						2.0	.7	.7	2.7	2.0		.7	1.4	.7				16	16		
66/ 65				.7		1.4	2.0	2.0	1.4	.7								12	12		
64/ 63				.7	.7	4.1	2.0	2.7	3.4	1.4								22	22	1	
62/ 61			.7		.7	.7	2.0											6	6		
60/ 59				.7			.7	1.4	.7									5	5	6	1
58/ 57		1.4		.7		2.7	.7	1.4										10	10	10	
56/ 55					.7	.7	1.4	.7										5	5	24	2
54/ 53			.7	.7		.7		1.4										5	5	16	5
52/ 51			.7	.7			1.4											4	4	25	6
50/ 49			.7		.7													2	2	17	3
48/ 47			1.4															2	2	20	8
46/ 45			.7															1	1	6	15
44/ 43		.7	.7															2	2	11	5
42/ 41		.7																1	1	5	16
40/ 39		.7																1	1	5	20
38/ 37																				1	13
36/ 35																					14
34/ 33																					9
32/ 31																					5
30/ 29																					9
28/ 27																					6
26/ 25																					3
24/ 23																					1
22/ 21																					2
14/ 13																					1
12/ 11																					1
10/ 9																					2

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 A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94035 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 70-74 YEARS | JUL MONTH

PAGE 2 | 2100-2300 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
TOTAL		3.4	5.4	4.1	2.7	13.6	12.2	12.9	11.6	12.9	6.1	4.8	6.8	1.4	2.7			147	147	147	147

Element (X)	$\Sigma X'$	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.	305836	6164	41.9	18.012	147							
Dry Bulb	627475	9527	64.8	8.290	147			47.2	12.9	.8		90
Wet Bulb	382957	7465	50.8	5.147	147							90
Dew Point	232272	5696	38.7	8.899	147		18.4					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67,69-75 YEARS | JUL MONTH

PAGE 1 | 0300-0500 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
72/ 71										.5		.5		.5				3	3		
70/ 69										.5		.5						2	2		
68/ 67						.5	2.0	1.0			.5							8	8		
66/ 65					3.0	2.0	3.5	.5		.5		1.0						21	21		
64/ 63			.5	2.0	4.0	3.0	1.5	1.5	.5									26	26		
62/ 61		1.0	.5	2.5	6.5	4.0	3.0	.5		.5								36	36		
60/ 59	.5	3.5	5.0	5.5	5.0		1.0	.5	1.0									45	45	9	5
58/ 57	2.0	2.0	3.0	4.5	2.5													27	27	24	6
56/ 55		3.0	3.5	2.0	1.0													19	19	40	12
54/ 53		1.0	2.0	1.0														8	8	57	25
52/ 51			1.0															2	2	30	20
50/ 49		1.5	.5		.5													5	5	26	32
48/ 47																				8	33
46/ 45																				3	23
44/ 43																				5	14
42/ 41																					6
40/ 39																					7
38/ 37																					5
36/ 35																					2
34/ 33																					2
32/ 31																					3
30/ 29																					2
28/ 27																					1
26/ 25																					1
24/ 23																					1
22/ 21																					2
TOTAL	2.5	11.9	15.0	17.5	21.0	9.4	10.5	4.0	1.5	2.0	.5	2.0		.5				202	202	202	202

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.	937502	13251	65.6	18.427	202							
Dry Bulb	740232	12198	60.4	4.257	202			6.0				93
Wet Bulb	574390	10756	53.2	3.382	202							93
Dew Point	467821	9619	47.6	4.974	202		4.0					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67,69-75 (YEARS) JUL (MONTH)

PAGE 1 0300-0500 (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 - 25	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71										.5		.5		.5				3	3		
70/ 69										.5		.5						2	2		
68/ 67						.5	2.0	1.0			.5							8	8		
66/ 65					3.0	2.0	3.5	.5		.5		1.0						21	21		
64/ 63			.5	2.0	4.0	3.0	1.5	1.5	.5									26	26		
62/ 61		1.0	.5	2.5	6.4	4.0	3.0	.5		.5								36	35		
60/ 59	.5	3.5	5.0	5.5	5.0		1.0	.5	1.0									45	45	9	5
58/ 57	2.	2.0	3.0	4.5	2.0													27	27	24	6
56/ 55		3.0	3.5	2.0	1.0													10	19	40	12
54/ 53		1.0	2.0	1.0														8	8	57	25
52/ 51			1.5															2	2	30	20
50/ 49		1.5	.5		.5													5	5	26	32
48/ 47																				8	33
46/ 45																				3	23
44/ 43																				5	14
42/ 41																					6
40/ 39																					7
38/ 37																					5
36/ 35																					2
34/ 33																					2
32/ 31																					3
30/ 29																					2
28/ 27																					1
26/ 25																					1
24/ 23																					1
22/ 21																					2
TOTAL	2.5	11.9	15.0	17.3	21.0	9.4	10.9	4.0	1.5	2.0	.5	2.0		.5				202	202	202	202

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.	937503	13251	65.6	18.427	202							
Dry Bulb	740232	12198	60.4	4.257	202			6.0				93
Wet Bulb	574390	10756	53.2	3.382	202							93
Dew Point	407821	9619	47.6	4.974	202		4.0					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | JUL MONTH

PAGE 1 | 0600-0800 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
88/ 87																	.1	1	1		
86/ 85													.1			.1		2	2		
84/ 83														.1	.3	.1		4	4		
82/ 81												.1	.3					3	3		
80/ 79										.4	.5	.5	.1	.1				13	13		
78/ 77								.3	.7	.1	.7	.5	.1	.3				20	20		
76/ 75							.1	.7	1.5	1.2	.5	.3	.1	.3	.1			36	36		
74/ 73							1.1	2.1	1.7	1.5	.8	.3	.3	.4				61	61		
72/ 71					.4	.9	2.0	2.1	2.4	.3	.3	.5	.3	.1				68	68		
70/ 69				.3	.7	2.7	2.1	2.1	1.1	.4		.1	.1					72	72		
68/ 67			.1	.3	1.9	2.9	2.6	1.9	.1	.3		.4						80	80		
66/ 65		.3	.3	1.6	4.3	3.2	2.3	.5	.4	.3								98	98		
64/ 63		.1	.9	.9	2.8	3.1	.8	.3	.1	.1								69	69	14	
62/ 61	.1	1.2	1.8	3.5	1.6	.8	.3	.1	.3	.1								72	72	46	8
60/ 59	.1	2.1	2.1	2.3	1.9	.5			.4									71	71	138	14
58/ 57	.1	1.1	1.3	1.2	.5	.1		.1										37	37	170	46
56/ 55		1.3	.5	1.2	.1		.1											25	25	168	64
54/ 53		1.2	.3															11	11	105	94
52/ 51			.3		.1													3	3	50	121
50/ 49		.5																4	4	33	93
48/ 47		.3																2	2	16	94
46/ 45																				11	92
44/ 43																				1	36
42/ 41																					18
40/ 39																					10
38/ 37																					8
36/ 35																					6
34/ 33																					8
32/ 31																					9
30/ 29																					8
28/ 27																					4
26/ 25																					5
24/ 23																					3
22/ 21																					2

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 A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | JUL MONTH

PAGE 2 | 0600-0800 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
20/ 19																				1
TOTAL	.7	6.1	7.9	11.2	14.2	14.2	11.0	10.2	8.6	4.7	2.8	2.5	1.5	1.3	.9	.3	.1	752	752	752
																		752		752

Element (X)	$\Sigma x'$	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.	2683474	42594	56.6	18.993	752							
Dry Bulb	3344834	49910	66.4	6.563	752			44.5	17.3	2.2		93
Wet Bulb	2372742	42152	56.1	3.647	752							93
Dew Point	1826906	36706	48.8	6.850	752		4.0					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 57-75 YEARS | JUL MONTH

 0900-1100 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
96/ 95																	.1	1	1		
94/ 93																.1	.1	2	2		
92/ 91															.1	.5	.9	12	12		
90/ 89														.5	.8	.9	1.3	25	25		
88/ 87											.1	.1	1.3	.9	1.4	.5	.6	39	39		
86/ 85										.1	.3	1.1	1.0	1.5	.4	.3	.5	46	46		
84/ 83										.5	.9	2.6	3.0	.9	.5	.5	.4	74	74		
82/ 81									.3	1.4	2.3	4.0	1.3	1.1	.3		.1	90	90		
80/ 79								.0	2.0	2.3	2.3	1.3	.3	.1	.4		.1	74	74		
78/ 77							.6	1.8	3.0	1.8	2.9	.4		.3	.1	.1		87	87		
76/ 75				.1	.1	.4	2.4	2.4	2.4	2.1	1.0	.3	.1	.1				91	91		
74/ 73					.3	1.3	2.0	.9	.8	.4	.5	.3						50	50		
72/ 71					.1	1.1	2.3	1.9	.6	.1		.3						47	47		
70/ 69				.3	1.4	2.0	1.1	.3	.1	.1								42	42	1	.
68/ 67				.4	1.0	.9	.5	.3	.1		.3							27	27	4	
[illegible]																					
64/ 63		.1	.	.2	.	.	.1		.1									.1	.1	122	
62/ 61		.4	.1	.2	.1	.1												10	10	136	
60/ 59		.1	.3	.4	.1													10	10	212	29
[illegible]		.1		.1														0	0	136	6
56/ 55		.3		.1														3	3	54	80
54/ 53		.4		.1														4	4	25	92
52/ 51		.3	.1															3	3	24	95
50/ 49		.6																5	5	16	87
48/ 47																				4	103
46/ 45																					66
44/ 43																					45
42/ 41																					28
40/ 39																					29
38/ 37																					12
36/ 35																					6
34/ 33																					9
32/ 31																					8
30/ 29																					10

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 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64 USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-72 (YEARS) JUL (MONTH)

PAGE 1 0900-1100 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
28/ 27																					2
26/ 25																					2
24/ 23																					3
22/ 21																					1
20/ 19																					3
16/ 15																					2
14/ 13																					2
12/ 11																					1
10/ 9																					1
TOTAL		2.4	2.0	3.4	5.2	0.4	9.2	7.7	9.4	0.6	11.1	10.3	7.5	5.4	3.7	2.9	3.9		796		796
																		796		796	

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.	1606317	32715	41.1	18.145	796							
Dry Bulb	4754711	61185	76.9	8.063	796			82.6	69.0	37.7	.4	93
Wet Bulb	2846210	47514	59.7	3.556	796			.6				93
Dew Point	1939939	38797	48.7	7.849	796		4.4					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUITS AAF STATION NAME | 67-75 YEARS | JUL MONTH

PAGE 1 | 1200-1400 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
98/ 97																	.5	4	4		
96/ 95																.1	1.4	12	12		
94/ 93														.3	.1	.3	1.8	19	19		
92/ 91													.1	.1	1.1	1.8	1.5	37	37		
90/ 89													.4	.8	1.4	1.4	2.9	54	54		
88/ 87											.3	.3	1.9	2.1	3.0	1.4	1.9	91	91		
86/ 85										.1	1.5	1.0	3.3	2.9	1.3	.6	.6	95	95		
84/ 83										1.4	1.9	2.9	2.3	1.1	.4		.3	83	83		
82/ 81								.1	.8	3.0	2.4	1.4	.9	.4	.3	.1	.1	77	77		
80/ 79								1.3	3.1	1.3	2.5	1.0	.3					75	75		
78/ 77							.5	1.1	2.1	1.3	1.0	.5	.1	.1				56	56		
76/ 75						.1	1.8	2.1	.8	.5	.4		.1					47	47		
74/ 73					.1	.9	.6	1.5	.8	.4		.1						35	35		
72/ 71					.4	.9	1.0	.5	.3		.1							23	23		
70/ 69				.1	.0	1.3	.5	.5	.1	.1								26	26		
68/ 67			.1	.3	.5	1.3	.4											18	18	12	
66/ 65			.1	.0		.1												7	7	77	
64/ 63			.2	.0		.2												11	11	156	
62/ 61		.3	.3	.1	.2													7	7	199	5
60/ 59		.1	.1		.3	.1												5	5	156	25
58/ 57		.3		.3														4	4	98	65
56/ 55		.3	.1	.1														4	4	52	79
54/ 53		.1																1	1	15	89
52/ 51		.3																4	4	19	71
50/ 49																				11	88
48/ 47																					62
46/ 45																					77
44/ 43																					60
42/ 41																					41
40/ 39																					38
38/ 37																					21
36/ 35																					14
34/ 33																					12
32/ 31																					5

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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) JUL (MONTH)

PAGE 2 1200-1400 (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
30/ 29																					9
28/ 27																					10
26/ 25																					5
24/ 23																					2
22/ 21																					4
20/ 19																					7
18/ 17																					1
16/ 15																					3
12/ 11																					1
10/ 9																					1
TOTAL		1.5	1.4	2.1	2.1	4.4	4.8	7.2	7.9	8.4	10.1	7.8	9.3	7.6	8.7	5.7	10.9	795	795	795	795

Element (X)	$\Sigma x'$	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.	1196545	27652	34.8	17.192	795							
Dry Bulb	528568	64501	81.1	8.132	795			88.0	80.1	59.7	4.1	93
Wet Bulb	2921464	48113	60.5	3.493	795			1.4				93
Dew Point	1856657	37801	47.5	8.641			5.0					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | JUL MONTH

PAGE 1 | 1500-1700 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
100/ 99																	.1	1	1		
98/ 97																	.6	6	4		
96/ 95																	1.0	7	7		
94/ 93																.3	1.0	9	9		
92/ 91														.1	.5	.7	2.4	25	25		
90/ 89												.1		.6	1.1	2.5	2.8	51	51		
88/ 87												.4	1.4	2.0	1.0	1.0	1.4	51	51		
86/ 85										.1	1.0	2.1	1.5	2.4	1.4	.7	.7	71	71		
84/ 83										.3	1.3	1.3	2.4	.7	.4	.4		48	48		
82/ 81									.6	1.4	1.1	2.7	1.3	.4	.2		.1	56	56		
80/ 79								.4	3.1	2.1	2.5	.6	.0	.3	.1			71	71		
78/ 77							1.0	1.8	2.2	1.3	.8	.1	.1	.1		.1		53	53		
76/ 75						.1	1.3	2.8	3.4	1.1	.3	.3						66	66		
74/ 73					.1	.4	1.7	1.7	1.4	.7	.1							45	45		
72/ 71			.4	.1	.1	1.1	.8	1.3	.7	.3			.1					36	36		
70/ 69		.1	.1	.3	.2	1.2	.6	.0										29	29	3	
68/ 67		.1		.0	1.1	1.0	.3		.4	.1								26	26	10	4
66/ 65	.1	.1	.4	.6	.2	.1		.1										15	15	42	3
64/ 63			.2	.2	.3	.4	.3											15	15	119	2
62/ 61		.1	.2	.2	.3	.1												13	13	157	0
60/ 59	.3	.3	.1	.3														7	7	169	24
58/ 57	.1	.3	.1	.4														7	7	106	60
56/ 55			.3															2	2	50	80
54/ 53		.3																2	2	20	63
52/ 51		.4																3	3	30	76
50/ 49																				5	77
48/ 47																				2	66
46/ 45																					59
44/ 43																					34
42/ 41																					32
40/ 39																					30
38/ 37																					19
36/ 35						.1												1	1		18
34/ 33																					9

Element (X)	$\Sigma X'$	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												

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | JUL MONTH

PAGE 2 | 1500-1700 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
32/ 31																					10
30/ 29																					7
28/ 27																					8
26/ 25																				1	9
24/ 23																					3
22/ 21																					5
20/ 19																					8
18/ 17																					1
14/ 13																					2
12/ 11																					1
6/ 5																					1
TOTAL	.0	2.2	2.7	3.4	3.1	4.9	6.2	8.7	11.8	7.1	7.1	7.8	7.4	6.6	4.0	5.7	10.1		714		714
																		714		714	

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.	133675	27470	38.5	19.813	714			84.5	72.7	47.0	2.7	93
Dry Bulb	4498337	56317	78.9	8.887	714							93
Wet Bulb	257203	42760	59.9	3.839	714		.1	1.7				93
Dew Point	169026	34105	47.8	9.265	714		6.9	.5				93

USAFETAC FORM 0-26-2 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (YEARS) JUL (MONTH)

PAGE 1 1800-2000 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
94/ 93																	.2	1	1		
92/ 91																	.6	4	4		
90/ 89															.3		.5	5	5		
88/ 87														.3	.5	.3	.8	12	12		
86/ 85												.2	.5	1.2	.9	.6	.3	24	24		
84/ 83										.2	.5	1.1	.8	.8	.9		.6	30	30		
82/ 81										.2	.8	1.4	1.2	.9	.2	.3	.3	34	34		
80/ 79									.6	.9	1.4	1.7	.8	.3	.2	.2	.2	41	41		
78/ 77							.3	.2	1.9	2.5	1.2	.6	.2	.3	.3			48	48		
76/ 75							.8	2.2	2.2	1.9	1.2	.2	.5	.2				56	56		
74/ 73						.5	1.9	1.2	3.7	1.4	.6	.3	.2					63	63		
72/ 71				.2	.2	1.1	2.3	2.7	1.6	.3	.5	.2						58	58		
70/ 69			.2	.6	1.1	2.3	2.6	1.6	.9	.6	.3							69	69		
68/ 67				1.1	1.7	2.3	.9	.6	.3									45	45		
66/ 65			.4	2.3	2.2	.9	.6	.2										46	46	7	
64/ 63		.5	2.0	1.7	1.2	.3	.8											43	43	37	3
62/ 61		1.1	1.7	1.4	.5	.2	.2											32	32	111	7
60/ 59		.8	.6	.3	.2													13	13	158	24
58/ 57	.2	.6	.3	.3	.2													10	10	104	64
56/ 55			.5															3	3	80	57
54/ 53		.2																1	1	37	50
52/ 51		.3	.2															3	3	31	80
50/ 49																				12	84
48/ 47																				3	63
46/ 45																				1	41
44/ 43																					40
42/ 41																					30
40/ 39																					20
38/ 37																					16
36/ 35																					10
34/ 33																					11
32/ 31																					4
30/ 29																					7
28/ 27																					7

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 A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | JUL MONTH

PAGE 2 | 1800-2000 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
26/ 25																					1
24/ 23																					2
22/ 21																					1
20/ 19																					2
18/ 17																					1
16/ 15																					1
12/ 11																					2
10/ 9																					1
TOTAL	.2	3.4	6.5	8.0	7.2	8.0	10.6	8.6	11.2	8.0	6.6	5.0	3.9	4.1	3.4	1.4	3.4	641	641	641	641

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.	1704284	30288	47.3	20.659	641							
Dry Bulb	3420784	46562	72.6	7.759	641			71.1	40.1	19.6	.1	93
Wet Bulb	2175905	37287	58.2	3.288	641							93
Dew Point	1550240	31084	48.5	8.187	641		4.2					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 68-72 YEARS | JUL MONTH

PAGE 1 | 2100-2400 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
84/ 83																.0		1	1		
80/ 79								.0			.0		1.8				.6	6	6		
78/ 77									.0	1.2	1.8	1.2	.6				.0	10	10		
76/ 75							.6	.6	1.2	3.0	2.4	1.2	.6					16	16		
74/ 73							1.8		.6	2.4	1.2		1.8	.0				14	14		
72/ 71							1.2	5.4	1.8				.0					15	15		
70/ 69					.0	.4	2.4	1.8	3.0	.6								19	19		
68/ 67					.6	2.4	1.2	1.2										9	9		
66/ 65			1.2	1.8	2.4	3.0		1.8	.6	.6								19	19	1	
64/ 63			1.8	1.8	6.0	4.8	.6	.6										23	23	2	
62/ 61		1.2	4.2	3.0		.0	1.2											17	17	12	1
60/ 59		1.2	1.2	1.8	2.4													11	11	28	3
58/ 57			.6	.6	.6													3	3	37	10
56/ 55		.6	.6	.6														3	3	47	16
54/ 53																				15	10
52/ 51		.6																1	1	14	26
50/ 49																				8	22
48/ 47																				3	21
46/ 45																				1	12
44/ 43																					10
42/ 41																					12
40/ 39																					10
38/ 37																					3
34/ 33																					3
32/ 31																					2
30/ 29																					6
26/ 25																					1
24/ 23																					1
20/ 19																					1
12/ 11																					1
TOTAL		3.0	9.0	9.6	12.0	11.4	9.0	12.0	8.4	7.8	6.0	2.4	5.4	.0		.0	1.2	167	167	167	167

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.	512650	8658	51.8	19.603	167							
Dry Bulb	781989	11379	68.1	6.329	167			50.1	26.2	1.7		93
Wet Bulb	529573	9387	56.2	3.413	167							93
Dew Point	388222	7940	47.6	7.817	167		4.3					93

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 69 YEARS | AUG MONTH

PAGE 1 | 0000-0200 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
70/ 69							33.3	16.7										3	3		
58/ 57																				3	
54/ 53		50.0																3	3		
52/ 51																				3	3
48/ 47																					3
TOTAL		50.0					33.3	16.7										6	6	6	6

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.	32390	418	69.7	25.571	6							
Dry Bulb	22849	367	61.2	8.954	6			46.5				93
Wet Bulb	17859	327	54.5	2.739	6							93
Dew Point	14712	297	49.5	1.643	6							93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67,69-75 YEARS | AUG MONTH

PAGE 1 | 0300-0500 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
74/ 73								.5				.5						2	2		
72/ 71							.5	.5		.5								3	3		
70/ 69							.5	.5										2	2		
68/ 67								.5	.5									2	2		
66/ 65				.3	.5	3.2	3.2	.9	1.8	.5								23	23		
64/ 63			1.4	.3	1.8	1.6	3.2	2.7	.9	.5								28	28		
62/ 61			3.2	3.6	2.3	4.3	1.4	.5	1.4									37	37		
60/ 59	1.4	1.8	1.6	5.0	3.2	2.7	1.6		.5									40	40	12	4
58/ 57	.5	2.3	3.9	4.1	3.6	2.3												36	36	16	4
56/ 55		4.1	1.6	4.1	1.4			.5										26	26	42	17
54/ 53		1.4		1.4	.5													8	8	43	19
52/ 51		1.4	2.3	1.8														12	12	38	24
50/ 49		.5																1	1	41	19
48/ 47				.5														1	1	19	30
46/ 45		.5																1	1	8	27
44/ 43																				2	25
42/ 41																				1	17
40/ 39																					15
38/ 37																					9
36/ 35																					4
34/ 33																					2
32/ 31																					1
30/ 29																					3
28/ 27																					2
TOTAL	1.4	11.7	14.0	21.2	13.9	14.4	10.4	6.3	5.0	1.4		.5						222	222		222
																				222	

Element (X)	$\Sigma X'$	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.	986323	14263	64.2	17.792	222							
Dry Bulb	799916	13288	59.9	4.538	222			3.8	.8			93
Wet Bulb	614418	11652	52.5	3.588	222							93
Dew Point	493270	10369	46.7	6.370	222		2.5					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | AUG MONTH

PAGE 1 | 0600-0800 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				
82/ 81													.1	.1				2	2		
80/ 79											.1	.3						3	3		
78/ 77								.1	.3	.3	.3	.1	.1	.1				10	10		
76/ 75								.3	.3	1.4	.6	.1						21	21		
74/ 73						.1	.5	.6	1.9	1.0	.4	.2						40	40		
72/ 71					.1	.5	.8	2.2	1.4	.8	.1	.4						48	48		
70/ 69				.1	.3	1.4	2.2	1.7	1.8	1.3	.6							73	73		
68/ 67				.5	1.0	1.6	2.3	2.3	.9	.3	.1	.1						78	78		
66/ 65			.4	.8	1.3	3.2	1.7	1.6	1.2	.4	.1							80	81		
64/ 63		.3	1.3	1.2	2.2	3.4	1.7	1.2	.4	.3								93	93	6	
62/ 61		.3	1.4	3.6	2.4	2.3	1.2	.5	.3		.1							98	98	30	2
60/ 59	.3	2.3	2.1	2.2	2.0	1.0	.2	.1	.3									99	99	77	18
58/ 57	.3	1.0	1.9	2.2	2.0	.3	.1											66	66	132	30
56/ 55	.1	1.4	1.0	1.2	.4	.1			.1									34	34	161	47
54/ 53		.3	.4	.6	.3		.1											17	17	155	62
52/ 51			.2	.3	.1													10	10	92	85
50/ 49	.1		.1	.3														4	4	83	111
48/ 47																				22	102
46/ 45	.1	.2																3	3	13	91
44/ 43	.1																	1	1	6	87
42/ 41																				3	57
40/ 39																					29
38/ 37																					20
36/ 35																					9
34/ 33																					12
32/ 31																					5
30/ 29																					6
28/ 27																					3
26/ 25																					2
24/ 23																					1
22/ 21																					
20/ 19																					1
TOTAL	1.1	5.8	9.6	12.9	13.5	16.2	11.2	10.2	8.7	5.6	2.6	1.5	.3	.3				780	781	780	780

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.	2823097	44783	57.4	17.983	780							
Dry Bulb	3241552	50068	64.1	8.124	781			32.7	9.0	.5		93
Wet Bulb	2325280	42484	54.5	3.812	780							93
Dew Point	1785835	36991	47.4	6.365	780		2.1					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | AUG MONTH

PAGE 1 | 0900-1100 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
94/ 93																.1	.1	2	2		
92/ 91																	.2	2	2		
90/ 89													.1	.1	.4	.5	1.1	18	18		
88/ 87												.1	.1	.7	.7	.6	.4	22	22		
86/ 85											.2	.7	1.3	1.7	1.	.4	.0	50	50		
84/ 83										.1	.9	.7	2.1	1.7	. .	.2		54	54		
82/ 81									.1	.7	1.2	2.4	2.3	.4	.1	.1		61	61		
80/ 79								.4	.6	. .4	2.9	2.7	1.3	.6	.1			91	91		
78/ 77							.1	.7	1.8	. .7	3.1	1.5	.6	.5				90	90		
76/ 75						.2	.9	2.4	2.6	1.6	2.3	.5	.2					88	88		
74/ 73					.1	.2	.9	2.2	2 0	1.3	.7	.1						67	62		
72/ 71					.2	.7	2.1	2.1	2.4	.6	.2	.6						72	72		
70/ 69				.1	1.1	1.2	1.8	.9	.4	.5	.2		.1					53	53		
68/ 67			.1	.1	.9	1.2	1.0	.7	.1	.2			.2					41	41	1	
66/ 65			.2	.6	1.1	.5	.2	.2	.1	.2								27	27	16	
64/ 63			.2	1.2	1.0	.7	.1		.1									30	30	71	
62/ 61			.6	.7	.5	.4	.1											19	19	131	4
60/ 59	.2	.1	.4	.5	.1	.2												19	19	208	13
58/ 57		.2		.1	.1													4	4	185	37
56/ 55	.2	.1		.2	.1													6	6	104	60
54/ 53																				49	87
52/ 51																				27	89
50/ 49	.1																	3	3	16	96
48/ 47	.1																	1	1	5	75
46/ 45	.2																	2	2	3	102
44/ 43																				1	75
42/ 41																					48
40/ 39																					44
38/ 37																					29
36/ 35																					15
34/ 33																					16
32/ 31																					11
30/ 29																					7
28/ 27																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Re. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
W. Bulb												
Dew Point												

FORM 0-3-5 (OL-A) REVISE PREV 305 EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 FORT CARSON CO/BUTTS AAF 67-75 AUG
STATION STATION NAME YEARS MONTH

PAGE 2 0600-1100
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
26/ 25																					1
24/ 23																					1
22/ 21																					1
14/ 13																					2
TOTAL	1.3	.5	2.3	3.7	5.3	5.0	7.2	9.7	9.8	11.8	12.1	9.4	8.0	5.8	3.3	2.0	2.4	817	817	817	817

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	≥ 90 F	≥ 93 F	Total
Rel. Hum.	1596915	33073	40.5	17.784	817							
Dry Bulb	4679304	61498	75.3	7.843	817			80.4	61.5	29.3	.2	93
Wet Bulb	793873	47691	58.4	3.499	817			.1				93
Dew Point	1861849	38587	47.2	6.947	817		3.1					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | AUG. MONTH

PAGE 1 | 1200-1400 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
98/ 97																	.6	5	5		
96/ 95																	.1	1	1		
94/ 93															.2	.2	1.1	13	13		
92/ 91														.1	.1	.0	2.6	28	28		
90/ 89													.1	.4	.2	2.5	3.9	58	58		
88/ 87											.1		1.0	1.5	2.3	1.2	2.2	72	72		
86/ 85										.4	.4	1.0	1.8	3.0	3.0	1.1	.2	93	93		
84/ 83								.1		.2	.7	2.2	1.8	1.2	2.1	.2		86	86		
82/ 81								.1	.0	.3	2.5	2.2	2.0	2.2	.6			95	95		
80/ 79								.0	.0	1.0	2.5	2.0	1.7	.7				79	79		
78/ 77							.2	1.1	2.3	1.7	.9	1.0	1.0	.4		.1		71	71		
76/ 75						.1	1.0	1.4	1.8	1.1	1.0	.2	.2		.1			57	57		
74/ 73						.2	1.1	.9	1.0	.2	.6	.2	.1	.1				37	37		
72/ 71					.1	.5	.0	1.2	.5	.2	.5							30	30		
70/ 69				.1	.1	1.2	.7	.1	.1	.1	.1	.1						23	23	1	
68/ 67				.1	.6	.2	.6	.1	.1									15	15	9	
66/ 65			.1	.4	.1	.1	.2											8	8	23	
64/ 63		.1	.4	.2	.2	.2	.1											11	11	84	1
62/ 61			.4	.9			.1											11	11	160	4
60/ 59		.2					.1											3	3	212	15
58/ 57		.4	.2															5	5	155	29
56/ 55	.1	.2																3	3	107	53
54/ 53	.1	.1	.4															6	6	55	58
52/ 51																				13	67
50/ 49		.2																2	2	10	70
48/ 47		.1																1	1	4	65
46/ 45																					75
44/ 4																					78
42/ 41																					74
40/ 39																					60
38/ 37																					63
36/ 35																					38
34/ 33																					28
32/ 31																					18

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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FT COLLINS CO/BUTTS AAF STATION NAME | 67-73 YEARS | AUG MONTH

PART A 1200-1400 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
30/ 29																					7
28/ 27																					3
26/ 25																					2
24/ 23																					1
22/ 21																					3
TOTAL	.0	1.5	1.2	1.7	1.2	2.7	4.9	5.7	7.1	0.2	9.2	10.0	9.8	12.2	9.1	6.0	10.6		813		813
																		813		813	

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.	1104620	26514	32.6	17.194	813							
Dry Bulb	529503	65286	80.3	8.033	813			87.3	79.5	50.1	2.2	93
Wet Bulb	284890	48050	59.1	3.338	813			1.1				93
Dew Point	1713770	36808	45.3	7.635	813		4.0					93

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | JUL MONTH

PAGE 1 | 1500-1700 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					
98/ 97																	.4		3	3		
96/ 95																	.3		2	2		
94/ 93															.1		.8		7	7		
92/ 91															.9	.7	1.2		17	17		
90/ 89															.4	1.4	4.1		43	43		
88/ 87												.5	.2	1.2	2.0	2.0	2.0		66	66		
86/ 85												.8	2.3	2.4	3.1	1.5	.2		83	83		
84/ 83									.1	.1	.2	1.5	2.0	3.8	2.2	.1			80	80		
82/ 81									.7	.5	1.2	2.0	.9	2.2	.2				64	64		
80/ 79								.4	.9	.7	1.4	1.0	1.9	.8	.1				58	58		
78/ 77							.3	.8	1.8	1.4	1.5	.9	.3	.1	.1	.1			58	58		
76/ 75						.2	.4	1.0	2.7	1.1	1.4	.3	.3						59	59		
74/ 73						.3	1.1	1.5	1.4	1.6	.3								45	45		
72/ 71					.1		1.9	1.1	1.1	.7	.5								40	40		
70/ 69					.9	1.1	.8	1.4	.7	.3	.1								39	39		
68/ 67				.1	1.4	.8	.4												20	20	2	
66/ 65	.1		.4	.3	.4	.3	.3												13	13	23	1
64/ 63		.1	.1	.1		.2		.1											6	6	56	
62/ 61				1.1		.3	.3												12	12	127	3
60/ 59		.3	.7	.1	.1														9	9	171	9
58/ 57	.1	.4		.1															5	0	189	27
56/ 55																					121	53
54/ 53		.1																	1	1	25	52
52/ 51	.2	.5																	6	6	13	52
50/ 49	.1	.1																	2	2	11	77
48/ 47																						47
46/ 45																						75
44/ 43																						65
42/ 41																						55
40/ 39																						78
38/ 37																						50
36/ 35																						52
34/ 33																						22
32/ 31																						10

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	≥ 75 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | AUG MONTH

PAGE 2 | 1500-1700 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
30/ 29																					5
28/ 27																					3
26/ 25																					1
20/ 19																					1
18/ 17																					1
14/ 13																					1
TOTAL	.1	1.6	1.3	1.1	3.0	3.3	5.4	6.9	9.3	6.4	7.3	8.3	8.8	10.6	9.0	6.4	9.3	738	739	738	738

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.	1104181	25229	34.2	18.110	738							
Dry Bulb	4608991	58413	79.0	8.331	739			80.1	73.6	42.5	1.2	93
Wet Bulb	2547630	43294	58.7	3.142	738			.3				93
Dew Point	1552.14	33402	45.3	7.444	738		2.5					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | AUG MONTH

PAGE 1 | 1800-2000 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
96/ 95																	.1	1	1		
90/ 89																.3		3	3		
88/ 87															.1		.1	2	2		
86/ 85													.1	.3	.7	.1	.4	12	12		
84/ 83											.3	.1	.9	1.0	.7	.4	.1	25	25		
82/ 81									.1	.1	.8	1.6	1.0	1.8	.3			39	39		
80/ 79								.1	.1	.4	1.3	2.4	1.3	.0	.3			45	45		
78/ 77							.1	.4	1.2	1.5	1.9	2.2	.9	.4	.3			65	65		
76/ 75							.1	.7	1.3	2.8	3.2	1.5	.1	.3				69	69		
74/ 73						.7	1.6	1.3	1.0	1.4	1.8	.7	.1					69	69		
72/ 71					.0	.3	1.5	1.5	2.7	1.5	.3		.1					63	63		
70/ 69				.1	1.2	2.1	2.5	1.4	2.8	.6	.1							72	72		
68/ 67		.1	.1	.3	1.3	2.5	2.5	1.9	.6	.1		.1						66	66	1	
66/ 65			.7	1.0	2.5	1.3	1.3	.6	.1									56	56	4	1
64/ 63		.3	.4	.1	1.5	.6	.3	.7		.1								28	28	29	
62/ 61		1.2	.3	1.0	.3	.7	.1											25	25	56	4
60/ 59		1.0	.4	.4	.1	.3												16	16	134	28
58/ 57	.1	.0	.1	.1		.1												8	8	175	26
56/ 55		.3		.1														3	3	144	33
54/ 53			.1	.1														2	2	86	61
52/ 51	.3	.6																6	6	29	62
50/ 49																				18	57
48/ 47	.4																	3	3	6	70
46/ 45																					67
44/ 43																					73
42/ 41																					66
40/ 39																					57
38/ 37																					31
36/ 35																					18
34/ 33																					6
32/ 31																					7
30/ 29																					4
28/ 27																					1
26/ 25																					2

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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 YEARS | AUG MONTH

PAGE 2 | 1800-2000 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
24/ 23																					2
22/ 21																					1
TOTAL	.4	1.1	2.4	3.2	7.5	9.7	9.7	8.9	10.0	13.2	9.6	9.5	4.7	4.4	2.2	.9	.9	677	678	677	677

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.	1583404	30014	44.3	19.339	677							
Dry Bulb	3547615	48799	72.0	7.222	678			72.7	45.1	14.8	.1	93
Wet Bulb	2208371	38601	57.0	3.315	677			.1				93
Dew Point	1509248	31613	46.7	7.003	677		2.3					93

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 69-75 YEARS | AUG MONTH

PAGE 1 | 2100-2400 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
82/ 81														.6				1	1		
80/ 79										.6								1	1		
78/ 77										.6	.6		1.1					4	4		
76/ 75								.6	1.1	1.7	3.3		1.1					14	14		
74/ 73							.6		3.3	6.1	.6							19	19		
72/ 71						2.8		1.7	5.0	4.3	1.7							26	26		
70/ 69						1.7	1.1	3.9	2.2	2.8	1.7		.6					25	25		
68/ 67			.6	.6	2.2	2.2	2.8	2.8	1.7									23	23		
66/ 65	.6			.6	2.2	2.8	2.8	.6										17	17	1	1
64/ 63			.6	1.1	2.2	3.3	2.8	1.7		.6								22	22	2	
62/ 61		.6		1.1	2.2	.6		.6										6	9	10	2
60/ 59		1.1	1.1	.6	1.1	1.1												9	9	14	2
58/ 57		1.1	1.1		.6	.6												6	0	36	6
56/ 55		.6																1	1	51	11
54/ 53		1.1		.6														3	3	36	13
52/ 51																				20	14
50/ 49																				5	14
48/ 47																				4	26
46/ 45																				1	23
44/ 43																					21
42/ 41																					16
40/ 39																					15
38/ 37																					3
36/ 35																					9
34/ 33																					1
32/ 31																					1
30/ 29																					1
24/ 23																					1
TOTAL	.6	4.4	3.3	4.4	10.6	15.0	10.0	11.7	13.3	15.6	7.6		2.8	.6				180	180		180
																		180		180	

Element (X)	$\Sigma X'$	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.	48779	8820	49.0	17.627	180							
Dry Bulb	835738	12220	67.9	5.452	180			58.4	20.2	.5		93
Wet Bulb	550243	9989	55.5	3.267	180							93
Dew Point	396858	8370	46.5	6.539	180		1.6					93

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67,69 YEARS | SEP MONTH

PAGE 1 | 0000-0200 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
62/ 61							0.3											1	1		
60/ 59		12.5				12.5												4	4		
58/ 57		0.3																1	1	3	1
56/ 55	25.0	6.3	12.5															7	7	4	0
54/ 53		18.8																3	3	5	2
52/ 51																				2	4
50/ 49																				2	
44/ 43																					3
TOTAL	25.0	43.8	12.5			12.5	0.3												16		16
																		16		16	

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.	122770	1370	86.3	17.193	16							
Dry Bulb	21281	905	56.6	2.476	16							90
Wet Bulb	45422	801	53.8	2.455	16							90
Dew Point	43406	830	51.9	4.815	16							90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-69-7- YEARS | SEP MONTH

PAGE 1 | 0300-0500 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
66/ 65									.5									1	1		
64/ 63							1.0											2	2		
62/ 61			.5			1.0	1.0	.5	.5	.5								8	8		
60/ 59				1.0		2.1	1.5	1.0										11	11		
58/ 57	1.5	2.1	1.0	2.1	1.0	1.0	1.5	1.0	.5	.5								24	24	4	3
56/ 55		1.0	.5	1.5	3.6	1.0	3.1											21	21	4	2
54/ 53	1.0	4.1	2.0	.5	.5	3.1	1.5											26	26	9	3
52/ 51	.5	6.2	2.1	1.0	1.0	2.1												25	25	20	11
50/ 49	1.5	1.0	3.1	1.5	.5													15	15	38	16
48/ 47	.5	2.6	.5	5.1	1.0	.5												20	20	19	14
46/ 45	.5	.5	.5	1.5	.5													7	7	27	13
44/ 43	1.0	1.0	2.0	1.5	.5													13	13	32	18
42/ 41		1.5	.5	.5														5	5	16	15
40/ 39		1.0	1.5	.5	.5													7	7	12	17
38/ 37	.5		1.0															3	3	9	12
36/ 35		1.0	.5															3	3	7	22
34/ 33	.5	.5	.5															3	3	4	14
32/ 31																				2	13
30/ 29		.5																1	1	2	11
28/ 27																					3
26/ 25																					3
22/ 21																					1
16/ 15																					1
TOTAL	7.7	23.1	17.4	16.9	9.2	10.8	9.7	2.0	1.5	1.0									195		195
																		195		195	

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.	102711	13636	69.9	19.475	195							
Dry Bulb	520023	9983	51.2	6.799	195		•					90
Wet Bulb	414423	8919	45.7	5.780	195		1.8					90
Dew Point	334005	7925	40.6	7.840	195		14.8					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | SEP MONTH

PANEL 1 | 0600-0800 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												.1						1	1		
76/ 75										.1	.4		.1					5	5		
74/ 73									.1	.3	.1	.3						6	6		
72/ 71									.4	.2	.1							6	6		
70/ 69							.1	.1	1.0	1.1		.1		.1				19	19		
68/ 67					.1		.1	.7	.9	.3	.3							17	17		
66/ 65						.1	.3	1.4	.6	.9								23	23		
64/ 63					.1	.4	1.4	2.0	.7	.4		.1						38	38		
62/ 61			.3	.7	.5	.3	1.4	1.7	1.0	.1	.1							46	46		
60/ 59		.1	.5	1.0	1.3	1.7	1.1	1.3	.7									54	54	1	
58/ 57	.4	.9	.1	1.0	1.9	2.0	2.3	1.3	.1	.1								75	75	9	4
56/ 55	.3	1.1	1.1	1.6	1.4	1.5	1.0	.6										61	61	19	10
54/ 53	.1	2.0	1.3	.4	1.0	1.7	.9											50	50	51	15
52/ 51	.3	2.6	1.3	2.0	1.1	.5	.4											64	64	82	28
50/ 49	.7	2.2	1.0	1.6	1.4	1.3												61	61	110	30
48/ 47	.4	1.9	1.0	1.6	1.4	.3	.1											51	51	85	45
46/ 45		1.4	1.0	1.1	.6	.3												35	35	85	40
44/ 43	.1	1.3	1.1	.7	.3	.1												24	25	77	80
42/ 41		.9	.7	.9	.1													19	18	60	57
40/ 39		.7	1.0	.3														14	14	34	61
38/ 37	.4	.3	.6	.3														11	11	20	64
36/ 35		.3	.3	.1														6	6	18	67
34/ 33	.3		.1															3	3	13	46
32/ 31		.7																5	5	3	38
30/ 29	.3																	2	2	8	48
28/ 27		.1																1	1		21
26/ 25																				1	17
24/ 23																					3
22/ 21																					2
20/ 19																					2
18/ 17																					1
16/ 15																					1
TOTAL	3.4	16.4	13.5	13.9	11.8	10.6	9.3	9.2	5.0	3.9	1.1	.7	.1	.1				696	697	696	696

Element (X)	$\Sigma x'$	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.	2932902	42699	61.3	21.434	696							
Dry Bulb	2103932	37820	54.3	8.625	697		1.0	7.0	1.3			90
Wet Bulb	1533552	32422	46.6	5.781	696		1.6					90
Dew Point	1128502	27518	39.5	7.635	696		17.2					90

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | SEP MONTH

PAGE 1 | 0900-1100 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
88/ 87															.1			1	1		
86/ 85															.7	.1		6	6		
84/ 83													.4	.4	.5	.4		13	13		
82/ 81													.7	.7	.7	.1		16	16		
80/ 79											.3	1.2	.9	2.0	.3	.3		37	37		
78/ 77										.1	.7	1.2	1.5	1.2				35	35		
76/ 75										1.5	1.9	2.1	1.1	.5				53	53		
74/ 73									.4	1.2	2.1	1.5	1.1	.1	.1			49	49		
72/ 71						.3		.6	.9	1.1	1.2	.8	.7					43	43		
70/ 69						.7	.7	1.1	2.3	1.3	1.7	.8						64	64		
68/ 67					.3	.3	.7	1.0	1.5	1.3	.3		.1					51	51		
66/ 65				.3	1.2	.7	1.1	.5	1.0	.6	.1							47	47		
64/ 63			.1	.3	.8	.8	1.3	1.9	.7	.5	.1							51	51		
62/ 61			.3	1.2	1.1	1.1	1.1	.9	.3	.1								45	45	5	
60/ 59		.1	1.1	.9	.7	2.1	.8	.5	.1	.1								49	49	24	
58/ 57		.4	.6	.7	1.1	.7	.5	.8	.3									39	39	69	2
56/ 55		.4	.7	.3	.5	.7	.1	.4	.1									24	24	110	16
54/ 53		1.1	.6	.7	.1	.6	.5	.1										31	31	140	26
52/ 51	.1	.9	.3	.5	.7	.3												21	21	108	38
50/ 49	.1	.4	.5	.3	.1	.2	.1											14	14	108	35
48/ 47		.1	.4	.3	.1		.1											8	8	43	43
46/ 45		1.1	.5	.5														16	16	35	57
44/ 43		.4	.3	.5	.1													10	10	26	71
42/ 41		.3	.5	.7														11	11	20	79
40/ 39	.4		.2		.1													6	6	16	65
38/ 37		.1	.1															2	2	10	66
36/ 35		.3		.1														3	3	6	67
34/ 33		.1																1	1	3	50
32/ 31	.1	.4																4	4	3	46
30/ 29																				4	30
28/ 27																					19
26/ 25																					22
24/ 23																					7
22/ 21																					4

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 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JSAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (YEARS) SEP (MONTH)

PAGE 4 0900-1100 (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
20/ 19																					5
18/ 17																					1
14/ 13																					1
TOTAL	.3	0.1	0.7	7.5	6.9	9.0	7.1	8.7	8.1	0.3	8.9	7.6	0.9	4.9	2.9	.9			750		750
																		750		750	

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.	1885493	33761	45.0	22.098	750							
Dry Bulb	3263769	48804	65.1	10.838	750		.5	44.2	25.2	6.8		90
Wet Bulb	1997044	38476	51.3	5.562	750		.8					90
Dew Point	1246418	29992	40.0	7.926	750		10.2					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 56-74 YEARS | SEP MONTH

PAGE 1 | 1200-1400 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
90/ 89																	.5	4	4		
88/ 87															.3	.5	.7	11	11		
86/ 85												.1	.4	.3	.7	1.9	.1	26	26		
84/ 83													.9	1.1	1.6	1.7	.1	41	41		
82/ 81												.9	1.6	1.6	1.9	.8		51	51		
80/ 79										.1	.7	1.1	2.0	2.0	.9	.7	.1	57	57		
78/ 77									.3	.5	.9	1.2	1.7	2.4	.5	.1		58	58		
76/ 75								.3	1.2	.8	2.6	1.1	2.1	.7		.1		66	66		
74/ 73							.8	.9	.5	1.3	2.8	1.6	1.3	.1				71	71		
72/ 71						.1	.7	.5	1.9	1.2	1.2	1.5	.3					55	55		
70/ 69					.1	.8	.3	1.2	.8	.7	.1	.1	.1					32	32		
68/ 67					.5	1.3	.7	1.2	1.3	1.3	.4	.1						52	52		
66/ 65					1.1	.4	1.3	1.1	.7	.7	.3							41	41		
64/ 63				.5	.7	1.2	.9	.4	.1	.4	.3							34	34	2	
62/ 61			.1	.1	.8	1.1	.9	.4	.3	.3								32	32	21	
60/ 59				.1	.4	.5	.4	.1	.3		.1							15	15	69	
58/ 57			.4	.3	1.1		.4	.1	.3	.1								20	20	99	1
56/ 55					.5	.3	.4	.1	.1									11	11	141	13
54/ 53		.3		.1	.3		.3	.1										8	8	127	30
52/ 51		.3	.4	.2	.1	.1												11	11	111	29
50/ 49		.5	.1	.3	.4		.1	.1										12	12	65	31
48/ 47		.1	.3	.5														7	7	29	38
46/ 45			.3	.4	.3													7	7	17	62
44/ 43			.3	.9	.3													11	11	22	67
42/ 41	.1	.3		.3														5	5	17	66
40/ 39			.1	.1														2	2	6	56
38/ 37			.3															2	2	9	68
36/ 35																				5	54
34/ 33																				2	47
32/ 31	.1	.1																2	2	1	43
30/ 29	.1																	1	1	2	46
28/ 27																					29
26/ 25																					26
24/ 23																					13

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 A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | SEP MONTH

PAGE 2 | 1200-1400 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
22/ 21																					12
20/ 19																					1
18/ 17																					7
16/ 15																					2
14/ 13																					1
12/ 11																					1
10/ 9																					1
8/ 7																					1
TOTAL	.4	1.9	2.3	4.0	6.6	5.9	7.2	6.7	7.8	7.6	9.4	7.8	10.6	8.2	5.9	5.9	1.6	745	745	745	745

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.	1230150	26708	35.8	19.144	745							
Dry Bulb	3807489	52647	70.7	10.818	745		.4	63.3	46.5	19.0		90
Wet Bulb	2116266	39502	53.0	5.408	745		.4					90
Dew Point	1176431	28681	38.8	8.739	745		22.1					90

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | SEP MONTH

 1500-1700 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
90/ 89															.1	.1	.4	5	5		
88/ 87														.3	.3		.6	8	8		
86/ 85														.3	.9	1.5	.6	22	22		
84/ 83													1.0	.4	1.2	1.9	.7	36	36		
82/ 81											.3	.3	1.2	1.2	1.0	.7		36	36		
80/ 79										.3	1.0	1.9	1.0	1.8	.0	.3	.3	49	49		
78/ 77										.6	1.3	1.6	1.6	1.8	.7	.3		54	54		
76/ 75								.6	.9	1.3	2.7	1.8	3.9	.7				79	79		
74/ 73							.3	.6	.7	2.5	2.4	.9	1.0					57	57		
72/ 71							.4	.7	1.5	1.0	1.2	1.0						40	40		
70/ 69						1.0	.1	1.8	2.1	1.5	.4	.3						49	49		
68/ 67					.3	.3	.9	2.1	.9	1.3	.9							43	43		
66/ 65				.1	.9	.7	.9	.9	.9	.4	.1	.1						35	35		
64/ 63		.1		.1	.9	.1	1.0	.9	.1		.4							26	26	2	
62/ 61			.1	.3	.1	.0	.4	.7	.3	.3	.1	.1						22	22	17	1
60/ 59				.4	1.0	1.0	.4	.3	.3	.1	.1							26	26	55	
58/ 57			.3		1.0		.3		.1									17	12	85	
56/ 55		.1	.3	.3	.3	.1		.1										9	9	131	9
54/ 53	.1	.1	.3	.1	.1		.3	.1										9	9	124	18
52/ 51		.1	.3		.4	.1	.1	.1										9	9	107	27
50/ 49		.7	.1	.3	.4													11	11	51	29
48/ 47	.3	.1	.1	.4	.1													8	8	33	35
46/ 45	.1		.4	.4	.1													8	8	12	58
44/ 43			.4	.3	.1													6	6	18	73
42/ 41	.1			.1	.1													3	3	11	57
40/ 39		.4	.1	.1														5	5	9	60
38/ 37		.1	.1															2	2	9	60
36/ 35			.1															1	1	4	53
34/ 33																				1	35
32/ 31		.1																1	1	1	30
30/ 29		.1																1	1	2	42
28/ 27																					33
26/ 25																					14
24/ 23																					11

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_A	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 A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | SEP MONTH

PAGE 4 | 1500-1700 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
22/ 21																					7
20/ 19																					6
18/ 17																					7
14/ 13																					2
12/ 11																					4
10/ 9																					1
TOTAL	.1	2.4	3.0	3.3	6.3	4.2	5.4	9.1	7.9	9.2	11.2	8.0	9.8	6.5	5.5	4.9	2.7	672	672	672	672

Element (X)	$\Sigma x'$	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.	1130740	24242	36.1	19.541	672							
Dry Bulb	3420452	47392	70.5	10.795	672		.3	64.0	46.3	17.4		90
Wet Bulb	1902913	35585	53.0	5.288	672		.4					90
Dew Point	1058448	26026	38.7	8.674	672		21.0					90

USAFETAC FORM 0-26-5 (OL A) JL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | SEP MONTH

 1800-2000 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
86/ 85																.2		1	1		
84/ 83													.2					1	1		
82/ 81													.2		.3	.2		4	4		
80/ 79										.2	.2	.2	.2	.3	.2			8	8		
78/ 77											.3		.5	.3				7	7		
76/ 75									.3	.8	.7	.7	.7	.2				20	20		
74/ 73									.7	.5	1.0	2.2	.2	.3	.2			30	30		
72/ 71							.5	1.0	.5	1.2	1.5	1.2	.3					37	37		
70/ 69						.5	.8	1.0	1.0	1.8	1.7	.5	.3					46	46		
68/ 67					.5	.7	.2	2.5	1.8	1.8	.5	.7						52	52		
66/ 65				.2	1.7	1.2	.5	2.5	2.4	1.2	1.2							64	64		
64/ 63			.2	.8	1.3	1.2	2.4	2.0	1.2	.3								56	56		
62/ 61		.2	.3	1.3	1.2	1.5	1.5	1.5	1.0									51	51	2	
60/ 59		.5	.5	.3	.8	1.2	.7	.7	1.0	.2								35	35	23	
58/ 57	.5	.2	.5	1.7	.7	1.8	.8	.7	.2									42	42	53	7
56/ 55		.2	.7	1.8	.5	1.0	.5	.3										30	30	54	10
54/ 53		.3	.7	.7	1.5	.5		.5										25	25	77	29
52/ 51			.5	1.2	.2		.8											16	16	99	25
50/ 49		.3	1.0	.2		.3	.2											13	13	102	33
48/ 47		.3	.8		1.0	.5												16	16	51	31
46/ 45		.7	.8		.7													13	13	51	49
44/ 43		.7	.7		.2													9	9	27	37
42/ 41		.5	.3															5	5	12	66
40/ 39		.2	.5	.2														5	5	22	61
38/ 37	.2	.2	.2	.2														4	4	12	47
36/ 35																				3	48
34/ 33		.2																1	1	2	39
32/ 31		.2																1	1	1	23
30/ 29		.5																3	3	2	29
28/ 27																				2	29
26/ 25																					16
24/ 23																					3
22/ 21																					6
20/ 19																					2

Element (X)	$\Sigma X'$	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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | SEP MONTH

PAGE 2 | 1800-2000 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
18/ 17																					4
14/ 13																					1
TOTAL	.7	5.0	7.7	8.6	10.3	10.6	8.9	12.8	10.1	8.1	7.1	5.4	2.7	1.2	.7	.3		595	595	595	595

Element (X)	$\Sigma X'$	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.	1629091	28667	48.2	20.430	595							
Dry Bulb	2357318	37036	62.2	9.356	595		.6	31.2	10.7	1.2		90
Wet Bulb	1518132	29866	50.2	5.057	595		.8					90
Dew Point	991464	23772	40.0	8.379	595		17.1					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67,69-74 YEARS | SEP MONTH

PAGE 1 | 2100-2300 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 - 19	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
78/ 77												.6						1	1		
74/ 73												.6						1	1		
72/ 71								.6	.6	.6	.6		.6					5	5		
70/ 69									.6	1.9	1.9	.6						8	8		
68/ 67							.6	.6		1.3		.6						5	5		
66/ 65					1.3	1.3	1.3	2.5		.6	.6							12	12		
64/ 63			.6		.6	.6	1.3	2.5	1.9	.6								13	13		
62/ 61		.6	.6	3.2		2.5	.6	4.4										19	19		
60/ 59		.6	3.2	1.9	1.3	2.5	3.2		.6									21	21	2	1
58/ 57	1.3	1.9	.6	1.3	1.9	1.3	.6	2.5	.6									19	19	10	4
56/ 55	.6	.6		.6	2.5	.6	1.3	.6										11	11	21	5
54/ 53		1.9			1.9	.6	.6	1.3										10	10	11	8
52/ 51		1.3	.6	1.9		.6												7	7	22	13
50/ 49		.6	1.3	1.9			.6											7	7	20	4
48/ 47			1.3			.6												3	3	27	5
46/ 45		1.3	1.3	1.3	.6													7	7	13	9
44/ 43		.6	.6															2	2	15	10
42/ 41			.6															1	1	5	19
40/ 39		1.3	1.3															4	4	5	18
38/ 37																				4	15
36/ 35																				1	11
34/ 33			.6															1	1		10
32/ 31																					7
30/ 29		.6																1	1	2	10
28/ 27																					3
26/ 25																					3
24/ 23																					2
20/ 19																					1
TOTAL	1.9	11.4	12.7	12.0	10.1	10.8	10.1	15.2	4.4	5.1	3.2	2.5	.6					158	158		158
																				158	

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.	584793	8993	56.9	21.553	153							
Dry Bulb	545775	9199	58.2	8.058	158		.6	11.4	1.1			90
Wet Bulb	385636	7754	49.1	5.700	158		1.1					90
Dew Point	277415	6485	41.0	8.462	158		14.8					90

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUITS AAF STATION NAME | 67,69-74 YEARS | OCT MONTH

 0300-0500 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
64/ 63							.6											1	1		
62/ 61							.6	.6	.6	.6								4	4		
60/ 59							1.2											2	2		
58/ 57							.6	1.8		.6	.6							6	6		
56/ 55					1.2	1.8	1.8	.6	.6									10	10		
54/ 53				.6	1.2	2.4		.6										8	8		
52/ 51				1.2	.6	1.2	1.2	1.2										6	9	1	
50/ 49		1.8	.6	1.8	1.2	2.4												13	13	2	
48/ 47			.6	1.2	1.8	1.2	1.2											10	10	2	1
46/ 45		2.4	1.2	3.0	2.4	.6												17	17	13	2
44/ 43		1.8	3.0	.6	.6	.6												11	11	17	5
42/ 41		1.8	1.8	2.4	2.4	1.2	.6											17	17	15	6
40/ 39	.6	2.4	3.0	3.0	1.2													17	17	28	9
38/ 37		3.6	1.2	1.2														10	10	15	9
36/ 35	1.2		1.2	.6														5	5	22	23
34/ 33		.6	3.0	.6														7	7	11	15
32/ 31	1.2	1.2	.6															5	5	10	21
30/ 29	.6	1.8	.6															5	5	11	13
28/ 27	.6	1.2	.6															4	4	4	16
26/ 25																				3	14
24/ 23		.6																1	1		12
22/ 21																				1	6
20/ 19	.6																	1	1	1	0
18/ 17	.6																	1	1	1	2
16/ 15																					2
14/ 13	.6																	1	1	1	3
TOTAL	6.1	9.4	17.6	17.0	12.7	11.5	7.9	4.8	1.2	1.2	.6							165	165		165
																				165	

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.	72799	10455	63.4	19.989	165							
Dry Bulb	332262	7248	43.9	9.199	165		10.1					93
Wet Bulb	24388	6253	37.9	6.492	165		18.0					93
Dew Point	165.07	5089	30.8	7.093	165		53.5					93

FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | OCT MONTH

PAGE 1 | 0600-0800 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
70/ 69												.1						1	1		
68/ 67										.3	.1			.1				4	4		
66/ 65							.1	.3	.1	.1	.5							9	9		
64/ 63						.3		.4	.4	.1								9	10		
62/ 61					.1	.3	.4	.8	1.1	.3	.1							23	23		
60/ 59						.4	.4	1.1	.8	.8	.1							27	27		
58/ 57						.5	1.2	.5	.7	.7								27	27		
56/ 55					.5	.4	.9	1.3	.7	.3								31	31		
54/ 53		.1	.1	.9	.5	1.9	1.5	.5	.3	.1								45	47	5	
52/ 51			.1	.4	1.6	1.2	1.3			.1								36	39	5	1
50/ 49		.7	.5	.8	1.3	.9	1.3	.3	.3									44	46	15	
48/ 47		.4	.7	2.0	2.0	2.0	.9	.1										61	64	44	4
46/ 45		.1	1.1	1.9	1.3	1.1	.4											44	44	47	7
44/ 43		.9	3.0	2.3	1.9	1.3	.4											72	73	68	13
42/ 41		.9	1.3	1.7	1.1	.3												40	41	83	19
40/ 39	.1	1.3	2.4	1.6	1.1	.1												50	51	86	27
38/ 37	.3	1.9	3.1	1.3	.9	.1												60	62	81	54
36/ 35	.8	1.1	2.7	.7	.3	.1												42	42	81	80
34/ 33	.0	1.7	1.5	.3	.4													35	36	68	65
32/ 31	1.7	2.3	.3	.3														34	34	68	82
30/ 29	.5	1.3	.5	.1	.1													22	22	41	79
28/ 27		.4	.4															6	6	21	86
26/ 25		.4	.1															4	4	8	64
24/ 23		.4																3	3	3	44
22/ 21	.1		.3															3	3	3	28
20/ 19		.5	.1															5	5	1	34
18/ 17	.3																	2	2	8	17
16/ 15	.3																	2	2	2	9
14/ 13	.3																	2	2	2	11
12/ 11																					9
10/ 9																					6
8/ 7																					4
6/ 5																					1
2/ 1																					1

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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | OCT MONTH

 0600-0800 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
TOTAL	5.5	14.9	18.3	14.5	13.3	10.9	9.0	5.4	4.3	2.8	.9	.1		.1				745	760	745	745

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.	2984391	44437	59.6	21.183	745							
Dry Bulb	1589779	33919	44.6	10.004	760		16.2	.6				93
Wet Bulb	1092807	28095	37.7	6.691	745		20.2					93
Dew Point	692537	21999	29.5	7.596	745		59.3					93

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64 USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CEI/BUTTS AAF STATION NAME | 66-74 YEARS | OCT MONTH

PAGE 1 | 0900-1100 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
80/ 79												.1						1	1		
78/ 77												.4	.3		.1			6	6		
76/ 75									.1		.4	.5	.9	.5	.4			22	22		
74/ 73										.4	.1	1.3	.5	.1	.1			21	23		
72/ 71									.4	.5	1.5	1.1	.4		.4			34	34		
70/ 69									.8	1.0	1.5	1.0	.4	.3	.1			43	44		
68/ 67								.4	1.1	1.1	1.4	.1	.4					36	40		
66/ 65					.1	.1	.5	.1	1.1	1.1	.8	.3	.3					35	36		
64/ 63							.8	1.1	1.0	1.0	.0	.4						39	39		
62/ 61							.6	.9	1.1	1.5								33	35		
60/ 59					.3	.6	1.0	1.1	1.4	1.0								44	44	1	
58/ 57				.1	.8	1.0	.6	1.3	1.3	.4								43	43	4	
56/ 55				.3	.6	1.4	1.1	.9	.5	.8								44	44	15	
54/ 53				.4	.8	1.1	1.4	1.4	.4									43	43	29	
52/ 51			.3	.6	1.5	1.3	1.8	.8	.3									51	51	61	1
50/ 49			.6	.9	1.5	1.8	.9	.1	.1	.1								46	46	82	1
48/ 47		.1	.3	1.0	1.0	.6	1.0	.1										33	33	79	3
46/ 45		.1	1.4	1.0	.5	.4												27	27	77	18
44/ 43		.9	1.6	.5	.5	.6	.3											35	35	85	23
42/ 41	.1	.5	.9	1.0	.5	.4	.1											28	28	87	25
40/ 39	.4	.6	.5	.9	.5													23	23	74	55
38/ 37	.1	.5	.9	.4	.5													19	19	45	63
36/ 35	1.1	.9	1.3	.1	.3													29	30	41	80
34/ 33	.6	1.0	.8															19	19	35	67
32/ 31	.8	.6	.5	.1														16	16	39	75
30/ 29	.1		.1															2	2	13	86
28/ 27	.1																	1	1	5	62
26/ 25		.3	.3															4	4	2	60
24/ 23	.1	.4																4	4	3	31
22/ 21	.1	.1																2	2	5	41
20/ 19	.5	.3																6	6	7	34
18/ 17	.1																	1	1	1	20
16/ 15																					7
14/ 13																					7

Element (X)	$\Sigma X'$	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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FURT CARSON CO/BUTTS AAF STATION NAME | 56-74 YEARS | OCT MONTH

PAGE 2 | 0900-1100 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
12/ 11																					7
10/ 9																					5
8/ 7																					2
6/ 5																					2
4/ 3																					2
2/ 1																					1
0/ -1																					1
-12/-13																					1
TOTAL	4.2	6.3	9.4	7.3	9.4	9.2	10.1	8.2	9.6	9.0	6.7	4.9	3.4	.9	1.1			790	801	790	790

Element (X)	$\Sigma X'$	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.	2114259	36593	46.3	23.052	790							
Dry Bulb	2501424	43566	54.4	12.829	801		4.2	19.7	6.0	.1		93
Wet Bulb	1488293	33807	42.8	7.258	790		8.8					93
Dew Point	798143	24249	30.7	8.259	790	.2	52.3					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94085 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | OCT MONTH

PAGE 1 | 1200-1400 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
84/ 83														.1				1	1		
82/ 81														.1	.1	.1		3	3		
80/ 79											.1	.1	.3	.6	.5	.3	.4	21	21		
78/ 77									.1		.1	.3	.9	1.3	.8			27	28		
76/ 75									.1		.5	.9	2.5	.8	1.3	.3		49	51		
74/ 73											.4	1.4	2.7	.4	.1	.3		41	44		
72/ 71							.1	.4	.4	1.0	1.7	1.7	2.6	.1				62	62		
70/ 69								.1	.9	.8	2.5	.9	.9					47	49		
68/ 67								.5	.8	1.2	1.3	.8	.4					38	39		
66/ 65						.1		.5	.6	1.8	1.6	.9						43	43		
64/ 63						.3	.6	.8	.9	1.3	1.8	.1						45	45		
62/ 61					.1	.4	1.0	.6	1.6	1.3		.3						40	40	1	
60/ 59					.4	.8	1.6	.6	2.2	.8	.4	.5						56	56	3	
58/ 57				.3	.5	.8	.6	.9	.9	.6	.1	.1						38	38	7	
56/ 55					.8	.5	1.6	1.3	.4									35	35	21	
54/ 53			.2	.4	.5	.5	.5	.4	.4									28	28	52	
52/ 51					.6	.9	.8	.6	.1	.3								26	26	94	2
50/ 49				.8	.5	.1	.9	.1	.1									20	20	120	3
48/ 47			.1	.6	.9	.5	.4	.3										22	22	86	10
46/ 45				1.0	.3	.6	.1	.1										17	17	79	12
44/ 43		.1	.3	.9	.1	.5	.1	.1										17	17	86	18
42/ 41	.1	.5	.3	.9	.1	.3	.1											18	18	45	39
40/ 39	.5	.8	.3	.4	1.0													23	23	47	51
38/ 37	.9	.3	.1	.8														16	16	37	48
36/ 35	.4	.8	.6	.1														15	15	32	67
34/ 33	.5	.6	.1															10	10	23	59
32/ 31	.1	.1																2	3	29	65
30/ 29																				1	75
28/ 27	.1																	1	1	1	68
26/ 25	.3	.5																6	6	4	52
24/ 23	.3	.3																4	4	5	41
22/ 21	.3																	2	2	3	47
20/ 19																					46
18/ 17																					17

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 A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 (STATION) FURT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (YEARS) OCT (MONTH)

PAGE 2 1200-1400 (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
16/ 15																					17
14/ 13																					8
12/ 11																					4
10/ 9																					3
8/ 7																					9
6/ 5																					1
4/ 3																					3
2/ 1																					4
0/ -1																					1
-2/ -3																					3
TOTAL	3.5	4.0	2.3	0.2	6.0	6.7	8.5	7.5	9.4	9.1	10.5	6.0	10.2	3.5	2.8	1.3	.4	773	783	773	773

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.	1464701	28883	37.4	22.346	773							
Dry Bulb	2981146	47236	60.3	12.970	783		1.8	35.4	17.6	1.4		93
Wet Bulb	1618070	34972	45.2	6.816	773		5.2					93
Dew Point	749847	23035	29.8	9.063	773	.5	55.8					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | OCT MONTH

PAGE 1 | 1500-1700 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
84/ 83																.1		1	1		
82/ 81														.1		.3		3	3		
80/ 79													.3	.4	.6	.1	.1	11	11		
78/ 77											.1	.3	.6	1.4	.3	.3		21	21		
76/ 75										.1	.4	.3	1.1	.7	.4	.3		24	26		
74/ 73										.4	1.0	1.4	1.3	1.4	.3			41	43		
72/ 71								.1		.7	1.8	2.8	1.0	.4				49	51		
70/ 69								.1	1.0	1.3	2.3	.8	.8	.4				49	49		
68/ 67							.1	.7	1.1	1.0	3.0	1.4	1.0	.1				60	62		
66/ 65								.8	1.8	.8	2.7	.6						48	48		
64/ 63							.3	.3	.7	1.7	.8	.3						29	29		
62/ 61						.6	.8	.7	.8	1.4	.4	.3						36	36		
60/ 59					.4	.6	1.0	.1	2.3	1.3	.1	.3						43	43		
58/ 57				.1	.4	.7	1.3	1.6	1.6	.4								43	43	3	
56/ 55				.1	.6	1.3	1.1	.7	.8									33	33	18	
54/ 53			.3	.3		1.0	1.0	.4	.1	.1								23	23	45	
52/ 51				.6	1.0	.3	1.6	.6		.1								29	29	89	
50/ 49	.1	.1	.3	.4	.6	.1	.6	.7		.1								22	22	86	1
48/ 47	.1	.1	.1	.7	.7	.3	.1	.1	.1									18	18	91	8
46/ 45			.6	.8	.3	.4	.1	.4										19	19	89	13
44/ 43		.7	.6	.8	.4	.7	.4											26	26	76	13
42/ 41		.1	.4	.1	.4	.1												9	9	51	35
40/ 39	.3	.1	.3	.4	.6													18	18	42	41
38/ 37	.4	.7	.4	.3	.1													14	14	27	55
36/ 35	1.3	.4	.4	.6														19	19	31	72
34/ 33	.4	.6	.1															8	8	20	60
32/ 31	.3	.3																4	4	24	60
30/ 29	.1																	1	1	8	65
28/ 27		.3																2	2	1	52
26/ 25																				1	57
24/ 23	.1	.4																4	4	3	35
22/ 21		.3																2	2	2	43
20/ 19																				1	37
18/ 17																					12

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 A) REVISED; PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | OCT MONTH

 1500-1700 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
16/ 15																					9
14/ 13																					12
12/ 11																					7
10/ 9																					2
8/ 7																					4
6/ 5																					7
4/ 3																					6
0/ -1																					1
-2/ -3																					1
TOTAL	3.2	4.2	4.1	5.4	5.8	6.1	8.5	7.5	10.5	7.6	12.7	8.5	6.1	5.1	1.6	1.1	.1		717		708
																		708		708	

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.	1379134	26930	38.0	22.402	708							
Dry Bulb	2668740	42810	59.7	12.545	717		1.7	34.6	13.6	1.0		93
Wet Bulb	1461144	31824	44.9	6.588	708		5.3					93
Dew Point	686004	21130	29.8	8.851	708	.3	53.9					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24015 | FORT CARSON CO/BUTTS AAF | 67-74 | OCT
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 1800-2000 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
84/ 83													.2					1	1		
72/ 71										.3		.2	.3					5	5		
70/ 69									.2	.3		.5	.3					8	8		
68/ 67							.3		1.2	.5	1.2	.7	.2					24	24		
66/ 65							.2	1.0	1.2	1.3	.5		.2					26	26		
64/ 63							.2	1.0	1.3	1.0	.5	.2						25	25		
62/ 61							1.3	1.5	1.5	1.7	.2	.3	.3					41	41		
60/ 59						1.5	2.1	2.3	1.0	.2	.2							44	44	1	
58/ 57				.2	.2	.5	1.5	1.8	1.2		.2							33	33	1	
56/ 55				.8	.7	1.0	2.1	2.6	.3									46	46	1	
54/ 53			.2	.3	1.3	1.3	2.1	.8	.5									40	40	5	
52/ 51			.5	1.7	1.2	1.5	.8	.3	.2	.2								38	38	25	
50/ 49	.2		.7	1.5	1.5	1.3	.3	.8	.2									39	39	45	3
48/ 47		.2	.8	1.5	1.7	1.0	.7											35	35	69	2
46/ 45		.2	2.1	2.0	1.7	1.2	.3		.2									46	46	69	11
44/ 43		.8	1.7	1.0	1.2		.2											29	29	82	14
42/ 41		.7	.8	.3	.7	.2	.2											17	17	85	29
40/ 39		1.3	.2	.7	.5	.5												19	19	55	41
38/ 37	.5	1.8	.7	.2	.5	.3												24	24	43	61
36/ 35	1.3	.7	.3	.5	.5													23	23	44	67
34/ 33	.5	1.0	.5	.3	.2													15	16	23	52
32/ 31	.3	1.0	.7															12	12	16	65
30/ 29	.3	.5	.2															6	6	24	61
28/ 27		.2	.2															2	2	7	56
26/ 25		.3																2	2	4	44
24/ 23																				1	25
22/ 21		.5																3	3	2	12
20/ 19	.3																	2	2	3	20
18/ 17																					14
16/ 15																					5
14/ 13																					9
12/ 11																					5
10/ 9																					2
8/ 7																					3

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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION — FORT CARSON CO/BUTTS AAF STATION NAME — 67-74 YEARS — OCT MONTH

PAGE 2 — 1800-2000 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
6/ 5																						1
2/ 1																						1
0/ -1																						1
-10/-11																						1
TOTAL	3.3	9.1	9.9	10.9	11.6	10.2	12.4	12.2	8.8	5.5	2.0	1.8	1.5						605	606	605	605

Element (X)	$\Sigma X'$	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.	1870185	30913	51.1	21.937	605							
Dry Bulb	1655057	31009	51.2	10.627	606		4.1	5.8	.2	.2		93
Wet Bulb	1073586	25188	41.6	6.425	605		8.8					93
Dew Point	627778	13880	31.2	7.994	605	.3	50.0					93

FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-74 (YEARS) OCT (MONTH)

 2100-2300 (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
68/ 67									.6	.6	.6	.6						4	4		
66/ 65									.6									1	1		
64/ 63						.6		.6		1.1	.6							5	5		
62/ 61						.6	.6	.6	1.7		.6							7	7		
60/ 59						1.7	1.1	.6	1.1	.6								9	9		
58/ 57				.6	.6	1.7	2.3	1.1	1.1		.6							14	14		
56/ 55				.6	.6		1.7	.6	.6									7	7		
54/ 53					1.7	1.7	1.7	.6	.6									11	11	1	
52/ 51				.6	1.7	3.4	.6											11	11	3	
50/ 49				3.4	.6	1.1	1.7											12	12	9	
48/ 47		.6	1.7	1.7	.6	1.1												10	10	12	2
46/ 45		1.1	1.7	3.4	1.1	1.1												15	15	19	2
44/ 43		.6	2.9	1.7	1.1	1.7												14	14	23	3
42/ 41		.6	1.7		1.1	.6												7	7	18	9
40/ 39		2.9	1.1	2.3	1.7	.6												15	15	28	8
38/ 37	.6	.6	.6		.6	.6												5	5	11	18
36/ 35	1.1	1.7		1.1														7	8	11	24
34/ 33	1.7	2.3																7	8	15	17
32/ 31		1.7																3	3	6	15
30/ 29	1.1	1.7																5	5	11	24
28/ 27		1.7																3	3	3	9
26/ 25		.6																1	1	2	14
24/ 23																				1	8
22/ 21																					9
20/ 19	1.1																	2	2	2	3
18/ 17																					6
14/ 13																					2
12/ 11																					1
10/ 9																					1
TOTAL	5.7	16.0	9.7	15.4	11.4	16.6	9.7	4.0	6.3	2.3	2.3	.6							177		175
																		175		175	

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.	673165	10186	58.2	21.496	175							
Dry Bulb	411367	8337	47.1	10.302	177		7.4	2.1				93
Wet Bulb	284146	6958	39.8	6.564	175		13.3					93
Dew Point	180589	5479	31.3	7.212	175		48.9					93

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64 USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 71-72,74 YEARS | NOV MONTH

PAGE 1 | 0300-0500 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
46/ 45					5.0													1	1		
42/ 41		5.0		10.0	5.0													4	4		
40/ 39																				1	
38/ 37			10.0															2	2	1	1
36/ 35		10.0	5.0															3	3	3	
34/ 33				15.0														3	3	5	1
32/ 31		5.0																1	1	1	3
30/ 29			10.0															2	2		2
28/ 27		10.0																2	2	3	2
26/ 25		5.0	5.0															2	2	5	2
22/ 21																				1	3
20/ 19																					2
18/ 17																					1
16/ 15																					2
14/ 13																					1
TOTAL		35.0	30.0	25.0	10.0														20		20
																		20		20	

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.	99623	1383	69.2	14.489	20							
Dry Bulb	24288	688	34.4	5.716	20		31.5					90
Wet Bulb	19306	614	30.7	4.900	20		45.0					90
Dew Point	13177	497	24.9	6.596	20		81.0					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (YEARS) NOV (MONTH)

PAGE 1 0600-0800 (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
64/ 63											.2							1	1		
62/ 61									.2									1	1		
60/ 59									.3									2	2		
58/ 57									.3	.2								3	3		
56/ 55							.3	.3	.5	.2								8	8		
54/ 53						.3	.5	.2	.7									10	10		
52/ 51							.2	.3	.3									5	5		
50/ 49					.3	.7	.3	.7	.2									14	16		
48/ 47					.5	1.0	1.1	.3	.3									20	20		
46/ 45				.3	.3	3.1	1.5	.2		.2								34	34	1	
44/ 43				.5	.5	1.1	.7	.2										18	21	9	
42/ 41			.3	1.8	1.6	2.0	.3											40	40	10	
40/ 39			.7	2.9	2.9	1.3	.3											50	51	17	
38/ 37			2.1	1.0	1.3	.8												33	34	26	
36/ 35		.2	2.3	1.8	2.1	.7												43	44	56	2
34/ 33	1.1	1.8	2.4	1.3	.7	.2												46	47	71	14
32/ 31	.5	1.1	2.1	1.8	.5													37	40	69	20
30/ 29	.3	2.8	2.9	1.6														48	51	61	35
28/ 27	1.3	3.3	2.8	1.1	.2													53	54	65	35
26/ 25	1.6	4.2	2.6	.3														54	57	72	52
24/ 23	.5	3.1	1.5															31	33	55	67
22/ 21	.7	1.3	.3															14	15	36	58
20/ 19	.3	1.6	.2															14	15	19	70
18/ 17	.3	.5	.2															10	10	15	69
16/ 15		1.1	.2															8	11	8	60
14/ 13	.7	1.0																10	11	14	44
12/ 11	.2	.2																2	2	4	29
10/ 9	.2	.3	.2															4	4	3	18
8/ 7		.2																1	1	2	17
6/ 5		.2																1	1	2	5
4/ 3																					7
2/ 1																					2
0/ -1																					2
-2/ -3																					1

Element (X)	$\Sigma X'$	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 A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (YEARS) NOV (MONTH)

PAGE 2 0600-0800 (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
-6/ -7																					1
-18/-19																					1
TOTAL	7.3	22.6	22.0	14.8	11.1	11.1	5.2	2.1	2.9	.5	.2							615	642	615	615

Element (X)	$\Sigma X'$	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.	2505331	37227	60.5	20.256	615							
Dry Bulb	791211	21609	33.7	9.983	642		42.8					90
Wet Bulb	541716	17582	28.6	6.381	615		62.3					90
Dew Point	276073	12275	20.0	7.114	615	.7	87.7					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | NOV MONTH

PAGE 1 | 0900-1100 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	?	- 30 / ≥ 31		Dry Bulb	Wet Bulb	Dew Point
72/ 71												.1					1	1		
70/ 69												.3		.1			3	3		
68/ 67											.1		.1				2	2		
66/ 65									.1		.6	.4	.1				9	9		
64/ 63							.1		.1	.8	.1	.1					10	10		
62/ 61								.1	.6	.6	1.4	.3					21	22		
60/ 59								.1	.6	.8	.4	.1					15	18		
58/ 57								1.5	1.2	1.4	.1	.3					33	34		
56/ 55					.1		.8	.3	1.8	.3	.4						31	31		
54/ 53					.1	.4	.8	1.1	.8	.8							30	31	1	
52/ 51					.1	.7	1.2	1.8	1.0								35	35		
50/ 49					.4	1.1	2.1	.7	.7	.1							38	41	2	
48/ 47				.3	1.1	3.0	1.2	1.0	.3								50	50	7	
46/ 45			.1	.6	1.8	1.8	1.1	.7		.1							45	46	18	1
44/ 43				.8	1.2	1.9	.6										33	35	41	
42/ 41		.1	.6	1.7	1.5	1.5	.4										42	44	61	1
40/ 39			.8	1.5	1.5	1.2											37	37	69	1
38/ 37		.3	1.5	3.0	1.3	.3											48	48	88	1
36/ 35	.1	.7	1.6	1.4	.8	.1											36	38	70	11
34/ 33	.3	1.2	2.2	1.4	.8												47	52	77	20
32/ 31	.1	2.5	1.7	.8	.1												38	39	73	37
30/ 29	.6	2.2	2.1	.4													38	39	67	71
28/ 27	.8	1.2	.8	.7													26	26	62	66
26/ 25	.4	1.2	1.1	.1													21	22	26	95
24/ 23	.3	.3	.7	.1													10	11	20	93
22/ 21		.7	.3														7	8	11	76
20/ 19		1.0	.3														9	9	10	64
18/ 17		.7	.3														7	7	12	37
16/ 15																			6	47
14/ 13		.1															1	1	1	34
12/ 11																			1	31
10/ 9		.1															1	1		20
8/ 7																			1	9
6/ 5																				?

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Cl's.	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 A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | NOV MONTH

PAGE 2 | 0900-1100 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
4/ 3																					4
2/ 1																					3
0/ -1																					1
-2/ -3																					2
-8/ -9																					1
TOTAL	3.2	12.4	14.2	12.3	11.5	12.2	8.4	7.9	7.2	5.0	3.2	1.7	.3	.1					750		724
																		724		724	

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.	2154664	36086	49.8	22.191	724							
Dry Bulb	1448854	31814	42.4	11.517	750		19.6	.7				90
Wet Bulb	869605	24599	34.0	6.839	724		36.0					90
Dew Point	394255	16063	22.2	7.238	724	.5	85.6					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | NOV MONTH

 1200-1400 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
74/ 73												.1	.3	.1	.4	.1		8	8		
72/ 71									.1			.1	.6		.3			8	8		
70/ 69										.1	.3	.8	.3	.6				15	15		
68/ 67										.3	1.0	.3	.6	.7				20	20		
66/ 65										.7	1.1	1.0	.6	.1				25	26		
64/ 63									.7	1.4	1.8	1.1		.1				37	39		
62/ 61								.1	.4	.8	1.5	.7	.3					28	30		
60/ 59								.7	2.1	2.8	1.5	.4						54	60		
58/ 57					.1		.1	1.4	1.7	1.4	.3							36	36		
56/ 55					.1	.1	.8	.8	.8	.6	.1							25	25	1	
54/ 53				.3	.3	.3	.7	1.7	1.7	.6								39	39		
52/ 51					.7	.7	2.8	1.0	1.1	.4								48	48	2	
50/					1.0	1.4	1.4	1.4	.4	.1								41	41	13	
48/				.3	.7	2.1	1.8	1.1	.3									45	48	32	
46/ 45				.4	1.7	1.4	1.7	.4										40	40	45	2
44/ 43			.3	1.1	1.5	.8	1.0	.1										35	35	84	1
42/ 41			.1	.8	1.4	1.2	.4											29	29	73	2
40/ 39			.1	2.1	2.1	.1												32	32	95	
38/ 37			.8	1.4	1.0	.1												24	24	75	6
36/ 35		.7	1.7	.4	.4													23	25	62	9
34/ 33	.4	1.8	1.1	.7	.1													30	33	64	27
32/ 31	.4	1.1	.7	.1	.4													20	21	78	34
30/ 29	.3	2.4	.1	.1	.1													22	22	32	71
28/ 27	.1	.3	.3	.6														9	10	24	69
26/ 25	.6	.7	.6	.1														14	14	8	89
24/ 23		.7	.1															6	6	14	73
22/ 21	.3	.8	.1															9	9	12	70
20/ 19																				7	64
18/ 17																				1	47
16/ 15																					46
14/ 13																					31
12/ 11																					18
10/ 9																					26
8/ 7																					12

Element (X)	$\Sigma X'$	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 A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | NOV MONTH

PAGE 2 | 1200-1400 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
6/ 5																					12
4/ 3																					3
0/ -1																					3
-2/ -3																					2
-4/ -5																					2
-6/ -7																					1
-10/-11																					1
-14/-15																					1
TOTAL	2.1	8.4	6.1	8.4	11.6	8.3	10.7	8.7	9.3	9.1	7.6	4.6	2.5	1.7	.7	.1		722	743	722	722

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.	1546351	29305	40.6	22.249	722							
Dry Bulb	1901311	36457	49.1	12.311	743		9.9	6.2	1.0			90
Wet Bulb	1040302	26993	37.4	6.571	722		2.9					90
Dew Point	399266	15998	22.2	7.881	722	1.2	84.1					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (YEARS) NOV (MONTH)

 1500-1700 (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
74/ 73																.2		1	1		
72/ 71													.2		.3			3	3		
70/ 69												.8		.3				7	7		
68/ 67										.2	.3	.5	.6					10	10		
66/ 65								.2	.5	.5	1.1	1.1	.6					25	26		
64/ 63								.2		1.4	.6	.9	.3					22	23		
62/ 61								.2	.5	1.2	1.1	.5						22	22		
60/ 59								.5	1.4	1.5	1.4	.2						3	35		
58/ 57						.2	.3	1.2	2.3	1.5	.6							40	41		
56/ 55					.3	.5	.6	.9	2.0	.8								33	35		
54/ 53						.5	1.4	1.7	1.1	.8								35	36		
52/ 51					.2	.3	2.0	1.5	.5									32	32	2	
50/ 49				.2	.5	2.2	.9	1.7	.2									39	40	8	
48/ 47				.3	1.2	1.6	1.7	1.2	.3									43	44	17	
46/ 45				.6	1.7	1.1	1.5	.3										34	34	36	
44/ 43				1.7	2.3	2.2	.9	.2										46	46	57	
42/ 41			.5	1.1	.6	1.1	.3											24	25	76	2
40/ 39			.8	.6	2.2	.8												28	28	85	3
38/ 37		.2	.9	1.4	1.2	.5												27	29	68	4
36/ 35		.2	1.4	1.1	.5													20	21	57	13
34/ 33	.3	2.6	1.2	.5	.2													31	32	59	18
32/ 31	.5	1.7	.6	.5														23	24	64	44
30/ 29	.3	1.4	.6	.3	.3													19	20	41	49
28/ 27	.6	1.4	.8	.2														19	19	24	80
26/ 25	.8	1.1	.5	.3														16	16	18	75
24/ 23		.9	.5															9	9	15	60
22/ 21		.5		.2														6	6	9	60
20/ 19		.3																2	2	11	57
18/ 17		.2		.2														2	2	1	50
16/ 15																				1	50
14/ 13																				1	27
12/ 11																					25
10/ 9																					21
8/ 7																					6

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												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 06-74 YEARS | NOV MONTH

PAGE 2 | 1500-1700 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
4/ 3																					3
2/ 1																					2
-2/ -3																					1
TOTAL	2.0	10.6	7.7	8.9	11.3	11.4	9.7	9.7	8.6	7.8	5.1	3.8	1.7	.3	.3	.2			668		650
																		650		650	

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.	1507373	28667	44.1	22.311	650							
Dry Bulb	1563556	31288	46.8	12.126	668		13.2	2.8	.1			90
Wet Bulb	888170	23028	36.4	6.716	650		25.6					90
Dew Point	365708	14722	22.6	7.060	650	.1	84.5					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-74 YEARS | NOV MONTH

PAGE 1 | 1800-2000 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
64/ 63											.4	.2						3	3		
62/ 61							.6											3	3		
60/ 59								.4	.4	.4	.2	.2						8	8		
58/ 57									.6	.2	.2							5	5		
56/ 55								.8	.4	.2	.2							8	8		
54/ 53						.4	.6	1.1	.8	.6								18	18		
52/ 51						.4	1.5	1.7	.9									24	24		
50/ 49					.6	1.9	2.1	.9	.8									33	33	3	
48/ 47				.2	.4	2.3	1.9	1.1	.2									32	32	1	
46/ 45			.2	.2	1.9	1.1	1.3											25	26	2	
44/ 43			.4	.2	1.7	1.3	.9											24	24	10	
42/ 41			.2	1.1	2.3	2.3	.6											36	36	21	1
40/ 39			1.3	2.1	1.7	.8												31	31	40	4
38/ 37		.6	1.9	1.3	2.4	1.1												39	39	63	1
36/ 35		1.3	1.7	3.4	1.1	.2												41	41	58	4
34/ 33		1.9	2.1	2.3	.8													37	37	53	12
32/ 31	.6	2.1	2.6	1.3	.6													38	38	50	22
30/ 29	1.3	3.6	1.5	.8	.2													39	39	69	44
28/ 27	.2	3.4	1.3	.2														27	28	63	55
26/ 25	.6	2.8	1.3	.4														27	27	39	60
24/ 23		1.1	.2															7	7	19	63
22/ 21	.2	.8																6	7	14	52
20/ 19		.9	.6															9	9	6	60
18/ 17		.8																4	4	8	36
16/ 15		.4	.2															3	3	6	37
14/ 13		.4	.2															3	3	3	21
12/ 11			.2															1	1	2	27
10/ 9																				1	21
8/ 7																					6
6/ 5																					1
4/ 3																					1
2/ -1																					2
-2/ -3																					1

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 A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-74 YEARS | JUL MONTH

 1800-2000 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
TOTAL	3.0	20.0	16.4	13.4	13.6	11.7	9.4	6.0	4.0	1.3	.9	.4							531	534	531	531

Element (X)	$\Sigma X'$	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.	1873628	29528	55.6	20.905	531							
Dry Bulb	843009	20509	38.4	10.189	534		28.0					90
Wet Bulb	558052	16864	31.3	6.511	531		47.5					90
Dew Point	279468	11628	21.9	6.845	531	.5	86.3					90

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-74 YEARS | NOV MONTH

PAGE 1 | 2100-2300 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
62/ 61						.3	.3			.3								3	3		
60/ 59										1.0								3	3		
58/ 57									.3	.3								2	2		
56/ 55							.3	.3										2	2		
54/ 53								1.0		.3								4	4		
52/ 51							.3	1.6	1.3									10	10	2	
50/ 49					.3	1.9	.3	.6	.3									11	11		
48/ 47							1.6	.3										6	6		
46/ 45				.3	1.0	1.6	.3	.6										12	12		
44/ 43			.3		1.9	1.6	1.3	.3										17	17	3	
42/ 41			.3	3.2	2.3	2.3												25	25	8	2
40/ 39			1.3	.3	2.9	.6	.3											17	17	12	1
38/ 37		1.9	1.9	1.6	1.9													23	23	15	
36/ 35	.3	2.3	2.3	1.9	1.6													26	26	43	2
34/ 33	.6	.3	2.3	3.2	1.3													24	24	31	10
32/ 31		1.9	3.2	1.6	1.0													24	24	34	9
30/ 29	1.0	3.9	3.2	.3														26	26	36	29
28/ 27	1.0	4.9	1.9	.3														25	27	43	20
26/ 25	1.0	3.2	1.9															19	19	31	19
24/ 23		1.6	1.3															10	10	17	42
22/ 21	.6	1.0																5	5	15	42
20/ 19	.3																	1	1	5	34
18/ 17		1.3																4	4		26
16/ 15		1.3																4	4	4	19
14/ 13		1.0																3	3	4	16
12/ 11		.3																1	1	3	17
10/ 9		.6																2	2	1	12
8/ 7																				2	3
6/ 5																					3
4/ 3																					1
-2/ -3																					2
TOTAL	4.9	25.6	20.4	12.9	14.2	8.4	4.9	4.9	1.9	1.9									311		309
																		309		309	

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.	1235847	18501	59.9	20.396	309							
Dry Bulb	422414	11048	35.5	9.828	311		30.5					90
Wet Bulb	292390	9280	30.0	6.667	309		56.8					90
Dew Point	155539	6583	21.3	7.047	309	.6	88.6					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 56-74 YEARS | DEC MONTH

PAGE 1 | 0600-0800 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
60/ 59										.2									1	1		
58/ 57									.2										1	1		
56/ 55								.2											1	1		
54/ 53								.2			.3								3	3		
52/ 51								.2	.3	.2									3	3		
50/ 49							.2												1	1		
48/ 47						.2	.3	.2	.5										7	7		
46/ 45		.2		.5	.2	.5	.5	.6	.2										16	16		
44/ 43					.3	.3	1.8	.3											18	18	1	1
42/ 41				.2	.3	.3	.9												12	12	4	
40/ 39			.3	.3	1.7	1.3	1.4												33	33	4	
38/ 37		.2	.9	1.1	1.4	1.3	.2												32	32	5	
36/ 35		.2	1.1	1.8	2.0	1.2													41	41	13	1
34/ 33		.3	.8	1.8	1.4	.2													29	29	20	2
32/ 31		.5	.9	2.1	1.5	.5													30	36	49	3
30/ 29	.3	1.1	2.7	2.7	.9														52	52	62	8
28/ 27	.2	2.4	2.9	2.3	.3														55	55	56	10
26/ 25	.2	1.5	2.4	2.0	.6														44	44	64	25
24/ 23	1.4	1.5	2.0	.9															38	40	74	24
22/ 21	.6	2.0	1.6	.8															35	36	50	42
20/ 19	.6	2.7	2.3	.3															39	41	46	46
18/ 17	.3	2.6	2.0	.2															34	34	47	34
16/ 15	.3	2.6	.6																23	23	33	61
14/ 13	.2	1.2	.6																13	13	26	42
12/ 11	.5	2.9	.3																24	24	18	45
10/ 9	1.5	2.0	.2																24	24	30	77
8/ 7	.5	1.5																	13	13	19	81
6/ 5	.5	2.0																	16	16	17	40
4/ 3	1.1	1.2																	15	15	15	33
2/ 1		.3																	2	2	6	25
0/ -1																					2	23
-2/ -3		.2																	1	1	1	12
-4/ -5																						12
-6/ -7	.2																		1	1	1	11

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												

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | DLC MONTH

PAGE 2 | 0600-0800 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
-8/ -9	.3																	2	2	2	1
-12/-13																					4
-14/-15																					2
TOTAL	9.0	28.0	21.2	16.7	10.5	5.9	5.1	1.5	.9	.3	.3								670		665
																		665		665	

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.	2512682	38764	58.3	19.522	665							
Dry Bulb	542695	17455	26.1	11.466	670	.6	65.5					93
Wet Bulb	362496	14386	21.6	8.788	665	.8	86.4					93
Dew Point	143416	7852	11.8	8.738	665	9.1	92.4					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | DEC MONTH

 0900-1100 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
66/ 65												.1	.1					2	2		
64/ 63											.1							1	1		
62/ 61											.3							2	2		
60/ 59								.1	.4	.1		.4						6	6		
58/ 57									.4	.5	.5							11	11		
56/ 55						.1			.3	.4	.4	.1						10	10		
54/ 53							.4	.3	.8	.5	.1							16	16		
52/ 51							.8	.7	.7	.5								20	20		
50/ 49				.1	.4	.4	.4	.9	.4	.3								22	22		
48/ 47				.1		.7	.8	2.0	.3	.1								30	30		
46/ 45				.3	.5	.9	1.0	1.7	.1	.1								36	36	4	
44/ 43					.4	1.4	1.7	.5										31	31	6	
42/ 41			.3		.7	2.4	.9	.1	.1									34	34	15	
40/ 39		.1		1.0	2.9	2.0	.8											52	52	26	1
38/ 37		.1	.3	2.2	1.3	2.1	.3											48	48	37	2
36/ 35		.3	1.2	1.2	2.2	.8												43	43	43	4
34/ 33		.4	.9	2.1	2.1	.7												47	47	58	3
32/ 31	.1	.4	1.4	1.8	2.0	.1												45	45	95	4
30/ 29	.3	.5	1.5	2.9	1.0													48	48	69	18
28/ 27	.1	1.2	1.5	1.6														34	34	65	14
26/ 25		.9	2.1	1.2														32	34	70	30
24/ 23	.4	2.2	2.5	.4	.1													46	47	63	42
22/ 21	.7	1.4	.9	.1														24	25	46	58
20/ 19	.2	2.2	.9	.1														27	27	37	61
18/ 17	.5	1.3		.1														15	15	37	70
16/ 15		1.6	.1															13	13	14	71
14/ 13	.3	.9	.3															11	11	13	66
12/ 11	.5	1.7																17	17	17	73
10/ 9	.7	1.0																13	13	20	75
8/ 7		.8																6	6	3	44
6/ 5	.1	.5																5	5	8	33
4/ 3	.1	.3																3	3	4	32
2/ 1	.1	.4																4	4	3	16
0/ -1	.1																	1	1	4	11

Element (X)	$\Sigma X'$	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												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | DEC MONTH

PAGE 2 | 0900-1100 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
-2/ -3	.1																	1	1	1	11
-4/ -5	.1																	1	1	1	6
-6, -7	.1	.1																2	2	2	4
-8/ -9	.1																	1	1	1	5
-10/-11																					3
-12/-13																					1
-14/-15																					2
-18/-19																					1
TOTAL	5.2	18.5	14.0	15.4	13.6	11.5	7.1	6.3	3.4	2.0	1.4	.7	.1					762	766	762	761

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.	2257106	38184	50.2	21.188	761							
Dry Bulb	979575	25525	33.3	12.987	766	.7	42.9					93
Wet Bulb	598463	20239	26.6	8.946	762	1.1	69.9					93
Dew Point	209076	10803	14.2	8.551	761	5.4	91.8					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | DEC MONTH

PAGE 1 | 1200-1400 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
72/ 71														.1				1	1		
70/ 69												.1	.1					2	2		
68/ 67													.3	.1				3	3		
66/ 65												.3	.1					3	3		
64/ 63										.4	.4	.1	.3					9	9		
62/ 61							.3		.1	1.2	.3	.8	.1					19	19		
60/ 59							.1	.1	.6	.4	1.4	.3						21	21		
58/ 57							.1	.1	.7	1.0	1.1	.1						23	23		
56/ 55								.7	1.2	1.8	.4							30	30		
54/ 53						.1	.1	1.0	2.8	1.0								36	36		
52/ 51					.3	.4	.4	1.2	1.0	.8								30	30		
50/ 49				.1	.1	.1	.7	1.9	1.4	.1								32	32	3	
48/ 47					.1	1.0	1.5	2.1	.6									38	38	1	
46/ 45					1.0	1.9	2.1	1.9	.1									51	51	16	
44/ 43		.1	.1		.8	1.8	2.8	.4										44	44	22	
42/ 41			.1	.3	1.0	2.2	1.4	.3										38	38	25	1
40/ 39				1.1	2.4	1.7	.4											40	40	60	3
38/ 37			.4	1.2	2.2	1.5	.6											43	43	67	2
36/ 35			1.0	.7	2.1	1.5												38	38	65	3
34/ 33		.7	1.8	.8	.6	.4												31	31	78	6
32/ 31	.1	1.1	1.0	.4	.3													21	21	98	4
30/ 29	.4	.3	1.2	1.7	.4													29	29	59	19
28/ 27		1.4	1.2	1.1	.4													30	30	47	26
26/ 25	.4	1.9	.4	.4														23	23	49	51
24/ 23	.3	1.9	.4	.1														20	20	37	43
22/ 21	.3	1.0	.1															10	10	24	62
20/ 19	.1	1.7																13	13	14	67
18/ 17	.6	.4	.3															9	9	17	74
16/ 15	.3	.8	.1															9	9	7	66
14/ 13	.7	.6	.1															10	10	12	60
12/ 11			.1															1	1	4	61
10/ 9	.1	.6																5	5	3	55
8/ 7		.6																4	4	4	28
6/ 5	.1	.1																2	2	5	31

Element (X)	$\Sigma X'$	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 A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (YEARS) DEC (MONTH)

PAGE 2 1200-1400 (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
4/ 3	.1																	1	1	2	21
2/ 1		.3																2	2		13
0/ -1		.1																1	1	3	7
-2/ -3																					4
-4/ -5																					4
-6/ -7																					4
-8/ -9																					1
-12/-13																					2
-14/-15																					2
TOTAL	3.0	13.6	8.0	8.0	11.6	12.7	10.5	9.8	6.3	0.5	3.6	1.8	1.0	.3					722		722
																		722		722	

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.	1714777	31115	43.1	22.771	722							
Dry Bulb	1311179	29241	40.5	13.268	722	.1	24.5	.8				93
Wet Bulb	748015	22465	31.1	8.245	722	.4	49.6					93
Dew Point	237657	11643	16.1	8.319	722	3.1	91.1					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 YEARS | DEC MONTH

 1500-1700 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
72/ 71												.2						1	1		
68/ 67												.2		.2				2	2		
66/ 65													.2					1	1		
64/ 63										.5		.3	.2					6	6		
62/ 61									.2	.2		.5						5	5		
60/ 59								.2	.3	.2	.3							6	6		
58/ 57								.6	.5	.6	1.1							18	18		
56/ 55				.2	.2		.2	.3	.5	1.7								19	19		
54/ 53					.2		.6	.3	1.5	1.2								25	25		
52/ 51					.2	.2	.9	1.5	.8	.9								30	30		
50/ 49						.5	1.2	1.5	.9	.2								28	28	2	
48/ 47					.3	.5	.9	2.0	.6									28	28	2	
46/ 45			.2	.2	1.1	1.1	2.6	1.5	.3									45	45	6	1
44/ 43			.2	.5	1.8	1.4	2.2	.5										42	42	13	
42/ 41				.3	1.4	2.3	2.6	.2										44	44	22	1
40/ 39				.5	1.8	2.3	1.1											37	37	34	1
38/ 37			.6	.6	2.9	1.4	.8											41	41	56	1
36/ 35			.9	.8	2.2	2.3												40	40	59	3
34/ 33		.6	.8	.8	1.2	.3												25	25	56	2
32/ 31	.3	1.1	.8	1.7	1.1	.2												33	33	74	9
30/ 29		1.1	2.0	1.5	.8													35	36	74	23
28/ 27	.6	1.2	2.0	.9	.3													33	33	62	36
26/ 25	.6	1.2	.8	.5														20	20	51	30
24/ 23	.6	1.4	.6															18	19	40	39
22/ 21		.9	.3															8	8	27	43
20/ 19	.8	.9	.2															12	12	16	48
18/ 17	.6	.5	.2															8	8	11	54
16/ 15	.3	.8																7	7	8	75
14/ 13	.3	.5																5	7	8	47
12/ 11	.3	.6																6	6	5	61
10/ 9	.5	.8																8	8	7	67
8/ 7		.3																2	2	3	34
6/ 5		.5																3	3	2	20
4/ 3		.3																2	2	3	18

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 A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (YEARS) DEC (MONTH)

PAGE 2 1500-1700 (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
2/ 1	.3	.2																3	3	4	9
0/ -1																				1	9
-2/ -3	.2	.2																2	2	2	5
-4/ -5																					2
-6/ -7	.2	.2																2	2	2	4
-8/ -9																					4
-10/-11																					2
-12/-13																					1
-16/-17																					1
TOTAL	5.7	13.1	9.4	8.3	15.4	12.5	13.1	8.6	5.7	5.4	1.4	1.1	.3	.2					654		650
																		650		650	

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.	1681172	29656	45.6	22.485	650							
Dry Bulb	1053443	24835	38.0	13.000	654	.6	30.0	.4				93
Wet Bulb	620241	19295	29.7	8.553	650	.7	57.2					93
Dew Point	209096	10222	15.7	8.631	650	4.0	91.7					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-74 (YEARS) DEC (MONTH)

PAGE 1 1800-2000 (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
60/ 59									.2	.2								2	2		
58/ 57											.4							2	2		
56/ 55											.2							1	1		
54/ 53								.2		.2								2	2		
52/ 51							.8	.2	.6	.8								12	12		
50/ 49								1.0	.2									6	6		
48/ 47							.8	1.2	.2									10	10		
46/ 45					.6	.8	2.5	.8										24	24		
44/ 43				.2	.6	1.7	1.2	.2										20	20	1	
42/ 41			.2	1.2	1.5	1.0	1.7	.2										30	30	1	
40/ 39				.4	1.9	1.9	.8	.2										27	27	5	
38/ 37			.8	1.0	1.7	2.3	.2											31	31	14	
36/ 35	.2		.6	1.7	1.7	1.3												29	29	32	1
34/ 33		.2	1.3	1.7	1.7	1.0												31	31	40	1
32/ 31	.4	.2	2.1	2.3	1.7	.6												40	40	45	4
30/ 29	.4	1.5	1.3	1.9	1.2	.2												34	34	50	6
28/ 27	.4	2.7	1.7	3.1	.4													43	43	56	22
26/ 25	.2	2.7	3.5	2.3														45	45	52	15
24/ 23	1.2	1.7	1.7	1.2														30	33	54	33
22/ 21	.2	1.0	1.2	.4														14	14	56	48
20/ 19	.2	1.0	1.3															13	13	18	47
18/ 17	1.0	1.9	1.0															20	20	26	27
16/ 15	.2	1.2	.2															8	8	15	37
14/ 13	.4	.6	.2															6	6	11	44
12/ 11	.6	1.0	.2															9	12	8	51
10/ 9	1.2	1.0																11	12	14	56
8/ 7	.2	.4																3	3	3	43
6/ 5		.2																1	1	2	22
4/ 3		.8																4	4	3	18
2/ 1	.2	.4																3	3	3	11
0/ -1	.4																	2	2	4	13
-2/ -3		.4																2	2	2	7
-4/ -5																					5
-6/ -7	.4																	2	2	2	

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												

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAr STATION NAME | 67-74 YEARS | DEC MONTH

PAGE 2 | 1800-2000 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
-8/ -9	.6																	3	3	3	3
-10/-11																					5
-14/-15																					1
TOTAL	8.2	18.7	[illegible]	7.3	13.1	10.6	7.7	3.8	1.2	1.2	.6								527		520
																		520		520	

Element (X)	$\Sigma X'$	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.	1768006	28220	54.3	21.375	520							
Dry Bulb	560421	16021	30.4	11.811	527	1.6	52.9					93
Wet Bulb	360251	12947	24.9	8.545	520	2.0	71.4					93
Dew Point	137452	7238	13.9	8.410	520	6.1	92.6					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-74 YEARS | DEC MONTH

PAGE 1 | 2100-2300 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
58/ 57											.7							2	2		
56/ 55									.7									2	2		
52/ 51									.7									2	2		
48/ 47						.7	.7	.3	.3									6	6		
46/ 45					.3	.3	1.3	1.0	.3									10	10		
44/ 43					1.0	1.3	1.0											10	10		
42/ 41					.3	1.0		.3										7	7		
40/ 39				1.3	2.0	1.3	.7											16	16	3	
38/ 37				1.3	3.3	2.0	.3											21	21	5	
36/ 35			1.0	1.3	3.0	1.0												19	19	10	
34/ 33	.3	.3	1.0	.7	2.0	.3												15	16	17	
32/ 31		.7	2.0	.7	2.0													16	16	27	1
30/ 29	.3		3.3	3.6	.7													23	23	30	3
28/ 27		1.3	1.0	3.0														18	18	24	8
26/ 25	1.0	3.0	.7	3.3	.3													25	25	30	15
24/ 23	1.3	2.3	5.2	.7														29	29	31	15
22/ 21	1.0	2.0	1.0	1.3														20	21	28	21
20/ 19	.3	1.3	1.0															10	10	28	34
18/ 17		1.3	.7															6	6	18	18
16/ 15	.3	2.3	.7															10	10	9	21
14/ 13		1.0	.7															5	5	7	22
12/ 11	1.0	.7	.7															7	7	10	24
10/ 9	1.0	1.0																10	10	10	35
8/ 7	.7	.7																4	4	5	31
6/ 5																				2	17
4/ 3	.3																	1	1	1	13
2/ 1	.3	1.3																5	5	7	6
0/ -1																				3	7
-2/ -3		1.0																3	3	3	5
-6/ -7																					1
-8/ -9	.7																	2	2	2	5
-10/-11																					1
-16/-17																					2

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 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64 USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-74 YEARS | DEC MONTH

PAGE 2 | 2100-2300 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
TOTAL	9.8	20.7	21.3	17.0	14.8	8.2	3.9	1.6	2.0		.7							305	306	305	305

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.	1117233	17417	57.1	20.085	305							
Dry Bulb	281870	8582	28.0	11.620	306	1.5	59.3					93
Wet Bulb	186702	7062	23.2	8.734	305	2.4	82.3					93
Dew Point	74781	4012	13.2	8.508	305	6.4	93.0					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

94018 FORT CARSON CO/BUTTS AAF 66-75

STATION STATION NAME YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN								61.2	56.6				57.8
	S D		-						8.954	2.476				5.279
	TOTAL OBS								6	16				22
03-05	MEAN	28.3	26.4	31.9	37.5	46.1	54.8	60.4	59.9	51.2	43.9	34.4		50.0
	S D	12.209	7.848	11.476	9.228	7.466	6.404	4.257	4.538	6.790	9.199	5.716		11.980
	TOTAL OBS	29	38	60	69	181	189	202	222	195	165	20		1370
06-08	MEAN	25.8	27.6	32.7	40.9	51.9	61.4	66.4	64.1	54.3	44.6	33.7	26.1	44.9
	S D	13.448	8.907	11.387	10.129	9.108	8.295	6.563	6.124	8.625	10.004	9.983	11.466	17.492
	TOTAL OBS	688	622	715	672	749	747	752	781	697	760	642	670	8495
09-11	MEAN	32.5	36.8	41.9	50.6	61.4	71.8	76.9	75.3	65.1	54.4	42.4	33.3	53.9
	S D	14.054	10.507	13.332	11.408	10.876	10.122	8.063	7.841	10.838	12.829	11.517	12.987	19.365
	TOTAL OBS	771	696	791	755	797	787	796	817	780	801	750	766	9277
12-14	MEAN	39.7	44.2	47.8	55.6	65.8	76.5	81.1	80.3	70.7	60.3	49.1	40.5	59.8
	S D	15.117	11.368	14.043	12.236	10.939	9.833	8.132	8.033	10.818	12.970	12.311	13.268	18.844
	TOTAL OBS	734	689	791	741	805	705	795	813	745	783	743	722	9166
15-17	MEAN	38.4	44.5	48.8	56.1	65.5	76.3	78.9	79.0	70.5	59.7	46.8	38.0	58.9
	S D.	15.287	11.584	14.209	12.559	10.847	10.226	8.887	8.381	10.795	12.545	12.126	13.000	18.922
	TOTAL OBS	711	635	728	701	699	711	714	739	672	717	668	654	8349
18-20	MEAN	30.0	35.8	40.3	49.1	59.8	70.1	72.6	72.0	62.2	51.2	38.4	30.4	52.1
	S D.	14.033	10.229	12.143	11.427	10.104	9.983	7.759	7.222	9.396	10.627	10.189	11.811	18.656
	TOTAL OBS	580	523	610	580	654	657	641	676	595	606	534	527	7185
21-23	MEAN	27.4	32.3	35.7	44.0	55.2	64.8	69.1	67.9	58.2	47.1	35.5	28.0	43.2
	S. D	13.337	9.707	11.222	9.711	8.181	8.290	6.329	5.452	8.058	10.302	9.828	11.620	17.433
	TOTAL OBS	300	274	293	262	148	147	167	180	158	177	311	306	2723
ALL HOURS	MEAN	33.0	37.4	41.8	50.0	60.1	70.3	74.3	73.2	63.7	53.4	41.8	33.4	53.3
	S D	15.249	12.216	14.287	12.813	11.773	11.485	9.838	9.835	11.928	13.243	12.557	13.545	19.325
	TOTAL OBS	3833	3477	3988	3780	4033	4023	4067	4236	3828	4009	3668	3645	46587

USAFETAC FORM JUL 64 0-89-5 (OL-1)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

94015 FORT CARSON CO/BUTTS AAF 66-75

STATION | STATION NAME | YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN								54.5	53.8				54.0
	S D								2.739	2.455				2.488
	TOTAL OBS								6	16				22
03-05	MEAN	23.8	22.1	26.4	31.0	39.4	47.5	53.2	52.5	45.7	37.9	30.7		43.5
	S D	9.729	6.183	8.045	6.552	5.946	5.193	3.382	3.588	5.780	6.492	4.900		10.493
	TOTAL OBS	29	38	60	69	181	189	202	222	195	165	20		1370
06-08	MEAN	21.5	23.2	27.1	33.8	43.0	50.9	56.1	54.5	46.6	37.7	28.6	21.6	37.7
	S D	10.846	6.520	7.528	6.814	5.862	4.956	3.647	3.812	5.781	6.691	6.881	8.788	14.124
	TOTAL OBS	687	616	714	672	748	747	752	780	696	745	615	665	8437
09-11	MEAN	26.3	29.3	32.7	38.9	47.3	54.5	59.7	58.4	51.3	42.8	34.0	26.6	42.1
	S D	10.399	6.709	7.817	6.587	5.799	5.042	3.556	3.499	5.562	7.258	6.839	8.946	13.599
	TOTAL OBS	768	695	790	755	797	784	796	817	750	790	724	762	9228
12-14	MEAN	30.9	33.2	35.8	41.1	49.0	55.5	60.5	59.1	53.0	45.2	37.4	31.1	44.7
	S D	10.213	6.631	7.621	6.627	5.496	4.802	3.493	3.338	5.408	6.816	6.571	8.245	12.335
	TOTAL OBS	752	689	791	741	804	784	795	813	745	773	722	722	9131
15-17	MEAN	30.1	33.4	36.3	41.1	48.8	55.3	59.9	58.7	53.0	44.9	36.4	29.7	44.2
	S D	10.531	6.547	7.494	6.456	5.220	4.686	3.839	3.162	5.208	6.588	6.716	8.553	12.422
	TOTAL OBS	708	635	727	701	699	710	714	738	672	708	650	650	8312
18-20	MEAN	24.6	28.5	31.7	37.8	46.6	53.4	58.2	57.0	50.2	41.6	31.8	24.9	41.4
	S D	10.719	6.582	6.983	6.579	5.554	5.093	3.288	3.315	5.657	6.425	6.511	8.545	13.518
	TOTAL OBS	580	522	610	580	654	657	641	677	595	605	531	520	7172
21-23	MEAN	22.7	26.4	29.1	35.2	44.1	50.8	56.2	55.5	49.1	39.8	30.0	23.2	35.4
	S D	10.564	6.691	6.828	6.221	5.609	5.147	3.413	3.267	5.700	6.564	6.667	8.734	13.457
	TOTAL OBS	300	272	292	262	148	147	167	180	158	175	309	305	2715
ALL HOURS	MEAN	26.5	29.3	32.4	38.3	46.5	53.5	58.5	57.2	50.5	42.2	33.5	26.6	41.7
	S D	11.094	7.591	8.213	7.184	6.206	5.392	4.097	3.978	6.103	7.331	7.420	9.283	13.454
	TOTAL OBS	3824	3467	3984	3780	4031	4018	4067	4233	3827	3961	3571	3624	46387

USAFETAC FORM JUL 64 0-89-5 (OL-I)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-75 (YEARS)

HRS (L S T)		JAN	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN								49.5	51.9				51.2
	S D								1.643	4.815				4.287
	TOTAL OBS								6	16				22
03-05	MEAN	15.0	12.4	17.1	20.9	31.2	40.8	47.6	46.7	40.6	30.8	24.9		36.7
	S D	10.151	7.244	7.357	8.161	9.464	7.976	6.974	6.370	7.840	7.093	6.596		12.762
	TOTAL OBS	29	38	60	69	181	189	202	222	195	165	20		1370
06-08	MEAN	12.2	13.3	17.2	23.8	33.5	42.1	48.8	47.4	39.5	29.5	20.0	11.8	29.0
	S D	10.965	7.498	7.316	8.906	8.903	7.717	6.850	6.365	7.635	7.596	7.114	8.738	15.532
	TOTAL OBS	687	616	714	672	748	747	752	780	696	745	615	665	8437
09-11	MEAN	15.3	16.4	19.0	24.0	33.6	41.4	48.7	47.2	40.0	30.7	22.2	14.2	29.7
	S D	10.145	7.585	8.098	9.855	9.828	8.652	7.849	6.947	7.926	8.259	7.238	8.551	14.797
	TOTAL OBS	768	695	790	755	797	784	796	817	750	790	724	761	9227
12-14	MEAN	17.3	16.0	19.3	23.5	33.0	39.5	47.5	45.3	38.8	29.8	22.2	16.1	29.4
	S D	9.725	8.911	8.874	10.000	10.403	9.595	8.641	7.635	8.739	9.063	7.881	8.319	14.302
	TOTAL OBS	752	689	791	741	804	784	795	813	745	773	722	722	9131
15-17	MEAN	17.1	16.3	19.2	23.1	33.1	39.2	47.8	45.3	38.7	29.8	22.6	15.7	29.3
	S D	9.682	8.451	8.517	9.967	10.374	9.618	9.265	7.444	8.674	8.851	7.060	8.631	14.282
	TOTAL OBS	708	635	727	701	699	710	714	738	672	708	650	650	8312
18-20	MEAN	14.4	15.8	18.7	23.2	33.5	40.0	48.5	46.7	40.0	31.2	21.9	13.9	29.8
	S D	10.399	7.561	7.792	9.588	9.697	9.583	8.187	7.003	8.379	7.994	6.845	8.410	14.886
	TOTAL OBS	580	522	610	580	654	657	641	677	595	605	531	520	7172
21-23	MEAN	13.4	15.3	18.1	23.0	32.2	38.7	47.6	46.5	41.0	31.3	21.3	13.2	25.
	S.D	10.437	7.217	7.731	8.965	9.747	8.899	7.817	6.539	8.462	7.212	7.047	8.508	14.4
	TOTAL OBS	300	272	292	262	148	147	167	180	158	175	309	305	27
ALL HOURS	MEAN	15.2	15.5	18.6	23.5	33.2	40.4	48.2	46.4	39.6	30.3	21.8	14.3	29
	S.D.	10.367	8.053	8.152	9.619	9.895	9.058	8.129	7.084	8.311	8.304	7.296	8.659	14.
	TOTAL OBS	3824	3467	3984	3780	4031	4018	4067	4233	3827	3961	3571	3623	46

USAFETAC FORM JUL 64 0-89-5 (OL-1)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-75 (PERIOD) ALL (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	ALL	99.6	95.9	86.7	71.3	55.2	38.8	24.3	12.2	3.7	54.3	3824
FEB		99.0	90.7	76.7	60.2	44.1	29.0	17.7	8.8	2.8	48.5	3467
MAR		97.5	86.1	72.7	57.6	44.8	33.8	23.7	13.1	5.7	49.0	3984
APR		97.4	82.9	65.7	49.5	37.5	26.3	16.7	8.5	3.5	44.4	3780
MAY		97.9	84.6	66.8	50.7	37.1	26.7	16.1	8.9	3.3	44.8	4031
JUN		97.5	84.5	63.4	45.8	30.4	20.1	12.8	5.4	2.6	42.0	4018
JUL		98.4	90.6	75.8	59.4	42.5	28.5	16.5	8.8	2.8	48.0	4067
AUG		99.8	91.9	76.3	60.0	39.0	27.5	18.3	13.3	9.3	49.0	4233
SEP		99.5	92.0	78.7	64.8	51.2	39.9	30.7	22.4	12.5	54.9	3827
OCT		98.9	91.4	75.8	60.2	45.2	33.5	22.7	14.5	7.3	50.6	3961
NOV		99.2	93.7	81.9	69.3	55.1	39.1	28.4	15.3	5.3	54.2	3571
DEC		99.3	93.4	80.7	64.0	47.6	34.8	22.7	12.4	5.0	51.4	3623
TOTALS		98.7	89.8	75.1	59.4	44.1	31.5	20.9	12.1	5.3	49.3	46386

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

RELATIVE HUMIDITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (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											
	03-05	100.0	100.0	96.6	79.3	69.0	48.3	37.9	17.2		60.5	29
	06-08	100.0	98.3	94.0	84.6	64.3	45.7	29.4	16.2	5.5	59.4	687
	09-11	100.0	96.7	87.4	68.5	47.5	33.5	22.1	13.5	5.9	53.0	768
	12-14	98.9	89.8	72.9	52.7	36.2	25.8	14.5	7.3	2.9	45.6	752
	15-17	99.0	90.5	74.6	56.5	39.7	28.1	15.3	7.1	2.7	46.9	708
	18-20	99.5	96.9	88.3	76.4	61.0	41.6	24.8	12.2	4.0	56.0	580
	21-23	99.7	99.0	93.3	81.3	69.0	48.7	26.0	12.0	4.7	58.9	300
TOTALS		99.6	95.9	86.7	71.3	55.2	38.8	24.3	12.2	3.7	54.3	3824

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (PERIOD) FEB (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%		
FEB	00-02											
	03-05	100.0	97.4	94.7	86.8	68.4	36.8	21.1	7.9		57.6	38
	06-08	99.8	97.7	92.7	82.1	62.8	43.3	27.3	13.1	3.7	57.8	616
	09-11	99.6	93.1	77.3	57.1	42.2	25.8	15.5	7.9	2.3	47.8	695
	12-14	96.7	77.5	55.9	35.7	23.9	14.4	8.9	4.5	1.5	37.4	689
	15-17	97.2	77.6	52.1	33.9	24.6	17.2	12.0	6.1	2.0	37.7	635
	18-20	99.6	93.1	76.6	57.1	38.5	28.5	17.8	10.0	5.4	48.4	522
	21-23	100.0	98.2	87.5	68.4	48.5	37.1	21.0	11.8	4.4	53.0	272
TOTALS		99.0	90.7	76.7	60.2	44.1	29.0	17.7	8.8	2.8	48.5	3467

USAFETAC FORM JUL 64 0-87-5 (OL A)

PROCESSING BRANCH
USAF
WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94015 FORT CARSON CO/BUTTS AAF 67-75 MAR
STATION STATION NAME PERIOD 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											
	03-05	100.0	98.3	93.3	73.3	61.7	45.0	35.0	15.0	5.7	58.3	60
	06-08	99.9	95.5	87.1	74.1	61.1	47.6	33.6	18.8	6.9	57.8	714
	09-11	96.7	85.9	69.2	52.5	40.3	29.7	19.7	11.5	4.6	46.6	790
	12-14	94.2	73.5	55.4	41.5	29.0	20.5	13.7	6.6	2.8	39.2	791
	15-17	93.5	70.2	52.3	38.4	27.1	20.4	14.0	9.1	4.3	38.3	727
	18-20	98.9	87.0	69.5	54.9	43.3	32.5	21.6	13.4	5.2	48.3	610
	21-23	99.3	92.5	82.2	68.8	51.4	40.8	28.1	17.5	9.6	54.4	292
TOTALS		97.5	86.1	72.7	57.6	44.8	33.8	23.7	13.1	5.7	49.0	3984

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (PERIOD) APR (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%		
APR	00-02											
	03-05	100.0	98.6	91.3	69.6	56.5	36.2	26.1	10.1	7.2	54.9	69
	06-08	99.6	95.5	84.1	69.9	55.7	42.4	27.4	16.7	6.8	55.5	672
	09-11	97.2	81.3	60.1	42.3	30.1	21.1	12.8	7.2	3.2	41.2	755
	12-14	95.1	68.8	45.2	31.8	21.7	13.8	8.9	4.7	1.1	34.5	741
	15-17	92.2	65.3	42.5	30.1	22.5	15.7	8.4	5.4	1.9	34.1	701
	18-20	97.9	80.7	61.7	45.2	32.9	22.9	13.3	7.9	2.2	42.1	580
	21-23	99.6	90.1	75.2	57.3	43.1	32.1	19.8	7.6	1.9	48.3	202
TOTALS		97.4	82.9	65.7	49.5	37.5	26.3	16.7	9.5	3.5	44.4	3780

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

RELATIVE HUMIDITY

94015 FORT CARSON CO/BUTTS AAF 67-75 MAY
STATION STATION NAME PERIOD 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											
	03-05	100.0	97.8	91.2	77.3	61.9	50.3	34.8	21.5	8.3	60.0	181
	06-08	99.6	96.4	84.2	67.2	51.9	38.1	26.3	14.8	6.1	54.1	748
	09-11	97.7	82.7	59.1	43.2	29.2	19.6	11.9	6.9	2.9	40.8	797
	12-14	94.9	71.5	46.8	33.0	20.1	13.1	7.2	3.9	1.9	34.8	804
	15-17	94.6	71.1	48.5	33.6	22.7	15.0	8.0	3.9	2.3	35.6	699
	18-20	98.2	82.4	63.5	46.2	34.6	23.5	12.8	6.6	1.8	42.6	654
	21-23	100.0	90.5	74.3	54.1	39.2	27.0	11.5	4.7		45.7	148
TOTALS		97.9	84.6	66.8	50.7	37.1	26.7	16.1	8.9	3.3	44.8	4031

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 PERIOD | JUN 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%		
JUN	00-02											
	03-05	100.0	99.5	95.8	89.4	69.3	49.7	33.3	16.9	6.9	61.8	189
	06-08	99.6	98.0	86.0	69.5	49.0	33.3	21.0	10.6	5.0	53.0	747
	09-11	98.0	84.9	55.6	34.2	20.3	12.0	7.7	4.3	2.4	37.6	784
	12-14	95.0	69.0	37.4	21.2	11.9	6.5	3.1	2.3	1.7	30.4	784
	15-17	94.4	66.6	36.3	22.8	13.2	8.9	5.4	2.8	.4	30.7	710
	18-20	97.1	81.9	57.1	37.9	23.0	15.7	9.1	4.6	.9	38.3	657
	21-23	98.6	91.8	73.5	45.6	25.2	14.3	10.2	3.4	.7	41.9	147
TOTALS		97.5	84.5	63.4	45.8	30.4	20.1	12.8	6.4	2.6	42.0	4018

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

RELATIVE HUMIDITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 67-75 (PERIOD) JUL (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%		
JUL	00-02											
	03-05	100.0	98.5	95.0	91.6	78.2	63.9	38.1	20.8	6.9	65.6	202
	06-08	100.0	97.3	91.1	79.7	61.4	40.8	22.1	12.5	4.5	55.8	752
	09-11	98.7	90.5	68.0	44.8	28.1	14.1	7.3	3.9	1.4	41.1	796
	12-14	96.5	79.9	53.5	31.1	16.2	8.4	4.2	2.4	1.1	34.8	795
	15-17	96.1	82.2	60.2	40.8	22.0	13.0	8.2	5.0	1.5	38.5	714
	18-20	98.4	91.3	76.3	59.3	40.6	26.2	16.5	7.8	1.1	47.3	641
	21-23	98.8	94.6	86.2	68.3	50.9	32.9	19.2	9.9	1.2	51.8	367
TOTALS		98.4	90.6	75.9	59.4	42.5	28.5	16.3	8.8	2.8	47.0	4067

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 67-75 PERIOD | AUG 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%		
AUG	00-02	100.0	100.0	100.0	100.0	50.0	50.0	50.0	50.0	50.0	69.7	6
	03-05	100.0	100.0	97.7	89.6	73.9	56.8	36.0	20.7	7.7	64.2	229
	06-08	100.0	99.5	94.4	81.2	62.4	40.9	23.1	11.9	5.0	57.4	780
	09-11	99.9	92.0	65.7	41.6	24.5	14.0	7.0	3.7	1.7	40.5	817
	12-14	96.9	74.9	43.2	25.3	13.2	7.0	4.6	2.7	1.4	32.6	813
	15-17	99.2	74.9	47.4	31.4	15.4	8.5	4.9	3.5	1.5	34.2	738
	18-20	100.0	95.4	72.1	49.0	33.1	19.2	9.5	6.8	3.5	44.3	677
	21-23	100.0	98.3	90.0	61.7	39.4	23.9	11.1	7.2	3.3	49.0	160
TOTALS		99.8	91.9	76.3	60.0	39.0	27.5	18.3	13.3	9.3	49.0	4233

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (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	100.0	100.0	100.0	93.8	81.3	81.3	81.3	50.3	86.0	16
	03-05	100.0	99.5	98.5	92.8	77.4	67.7	50.3	34.9	15.4	69.9	195
	06-08	99.9	99.3	93.4	80.3	63.1	49.6	37.2	23.1	11.1	61.3	696
	09-11	99.9	88.9	67.2	46.7	36.4	25.6	16.0	9.5	3.3	45.0	750
	12-14	96.7	76.4	49.7	34.0	22.0	12.5	5.2	2.6	1.6	35.8	745
	15-17	97.5	78.1	51.0	32.7	19.9	12.1	6.7	4.8	1.5	36.1	672
	18-20	99.8	95.5	78.3	57.6	41.3	28.4	17.1	8.1	2.5	48.2	595
	21-23	100.0	98.1	91.1	72.2	55.7	41.8	31.6	15.2	6.2	56.9	158
TOTALS		99.5	92.0	78.7	64.8	51.2	39.9	30.7	22.4	12.5	54.9	3827

USAFETAC FORM JUL 64 0-67-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (PERIOD) OCT (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%		
OCT	00-02											
	03-05	100.0	98.8	97.0	87.3	69.7	55.2	35.8	24.8	10.3	63.4	2165
	06-08	99.9	98.0	91.4	78.9	63.6	48.6	32.3	18.5	9.8	59.6	2745
	09-11	98.6	90.5	69.7	50.4	36.3	26.1	17.1	10.9	6.6	46.3	790
	12-14	96.5	77.9	49.2	34.2	23.0	15.5	9.2	7.4	5.4	37.4	773
	15-17	97.3	80.8	50.6	33.8	23.0	16.0	11.3	7.5	4.5	38.0	708
	18-20	99.7	95.9	82.0	60.2	43.8	31.2	22.3	12.9	6.1	51.1	605
	21-23	100.0	97.7	90.9	76.6	57.1	41.7	30.9	19.4	8.6	58.2	175
TOTALS		98.9	91.4	75.8	60.2	45.2	33.5	22.7	14.5	7.3	50.6	3961

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 66-74 (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											
	03-05	100.0	100.0	100.0	100.0	90.0	60.0	55.0	25.0	5.0	69.2	20
	06-08	99.8	99.5	92.7	80.3	66.3	50.2	35.1	17.9	8.5	60.5	615
	09-11	99.3	93.1	77.1	59.5	45.7	32.2	19.8	11.6	5.4	49.8	724
	12-14	96.5	81.4	58.9	42.2	29.1	18.6	13.3	7.5	2.6	40.6	7.2
	15-17	98.8	86.8	66.0	49.5	34.2	22.9	15.7	8.8	3.4	44.1	650
	18-20	100.0	96.4	87.0	72.5	55.7	41.2	27.3	16.4	4.5	55.6	531
	21-23	100.0	99.0	91.3	80.9	65.0	48.5	32.4	19.7	7.4	59.9	309
TOTALS		99.2	93.7	81.9	69.3	55.1	39.1	28.4	15.3	5.3	54.2	3571

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

94015 STATION | FORT CARSON CO/BUTTS AAF STATION NAME | 66-74 PERIOD | DEC 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%		
DEC	00-02											
	03-05											
	06-08	99.7	98.2	90.2	80.6	63.2	45.6	29.3	14.7	5.0	58.3	665
	09-11	98.9	92.9	80.4	62.0	47.6	32.7	19.8	9.5	3.4	50.2	761
	12-14	98.2	84.3	63.6	44.5	32.3	25.1	16.9	8.9	3.0	43.1	722
	15-17	99.2	89.4	69.5	50.3	36.3	26.3	17.2	9.8	4.3	45.6	650
	18-20	100.0	97.1	86.5	68.7	51.0	36.0	24.4	15.8	6.9	54.3	520
	21-23	100.0	98.4	93.8	78.0	55.1	43.0	28.5	15.7	7.2	57.1	305
TOTALS		99.3	93.4	80.7	64.0	47.6	34.8	22.7	12.4	5.0	51.4	3623

USAFETAC FORM JUL 64 0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

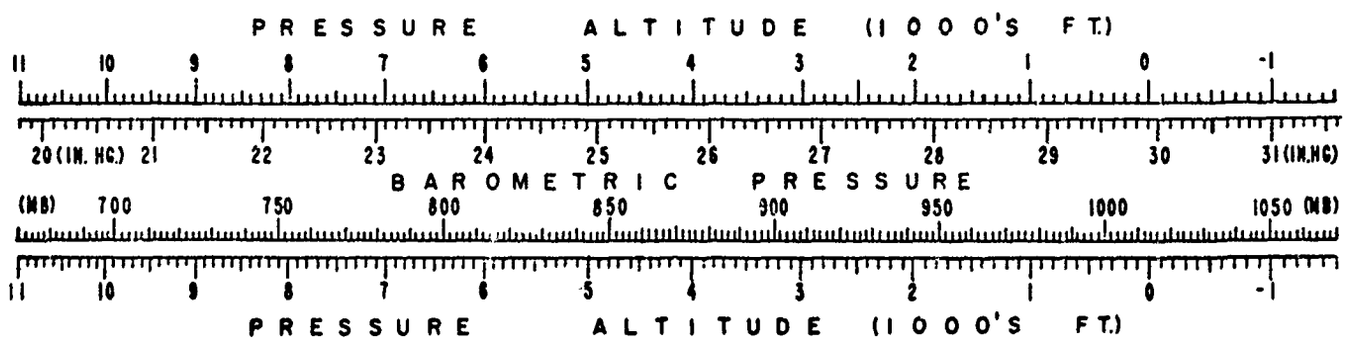
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided 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 by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented 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.



F

74-29967

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

94015 — STATION
FORT CARSON CO/BUTTS AAF — STATION NAME
66-75 — YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
02	MEAN								24.300	24.410				24.382
	S D.									.064				.088
	TOTAL OBS								2	6				8
05	MEAN	24.103	24.151	24.044	24.066	24.193	24.246	24.336	24.326	24.311	24.276	24.205		24.252
	S D	.136	.162	.167	.189	.155	.131	.086	.076	.119	.161	.101		.158
	TOTAL OBS	28	36	74	74	192	193	208	223	203	168	10		1409
08	MEAN	24.146	24.184	24.126	24.132	24.217	24.252	24.359	24.345	24.320	24.274	24.218	24.136	24.228
	S D	.167	.168	.170	.188	.153	.134	.090	.081	.126	.160	.174	.185	.173
	TOTAL OBS	264	231	268	260	272	276	275	280	248	277	240	250	3141
11	MEAN	24.144	24.181	24.124	24.116	24.191	24.236	24.347	24.340	24.308	24.271	24.218	24.134	24.217
	S. D.	.177	.175	.173	.202	.160	.134	.089	.085	.129	.163	.179	.193	.178
	TOTAL OBS	270	241	282	275	279	268	276	274	245	273	260	262	3205
14	MEAN	24.097	24.124	24.070	24.079	24.157	24.193	24.320	24.302	24.263	24.219	24.173	24.089	24.177
	S D	.174	.171	.179	.187	.152	.138	.089	.087	.132	.168	.178	.189	.177
	TOTAL OBS	298	234	287	266	297	292	310	295	244	268	251	248	3250
17	MEAN	24.111	24.131	24.074	24.074	24.145	24.188	24.304	24.286	24.263	24.229	24.184	24.114	24.177
	S. D	.171	.168	.161	.179	.154	.141	.088	.084	.128	.166	.174	.186	.171
	TOTAL OBS	229	207	238	234	238	245	257	253	203	228	203	202	2737
20	MEAN	24.136	24.165	24.105	24.114	24.182	24.216	24.336	24.320	24.302	24.262	24.211	24.127	24.209
	S. D.	.172	.165	.169	.188	.151	.131	.090	.084	.127	.168	.173	.192	.172
	TOTAL OBS	203	190	220	203	226	228	228	237	199	202	180	182	2498
23	MEAN						24.330		24.310	24.420				24.381
	S D.									.061				.096
	TOTAL OBS						1		2	5				8
ALL HOURS	MEAN	24.120	24.157	24.097	24.101	24.181	24.221	24.334	24.320	24.296	24.254	24.201	24.120	24.206
	S D.	.173	.171	.172	.191	.156	.137	.090	.086	.129	.166	.176	.189	.175
	TOTAL OBS	1252	1139	1369	1312	1504	1503	1554	1566	1383	1416	1144	1144	16256

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIA

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

94015 (STATION) FORT CARSON CO/BUTTS AAF (STATION NAME) 06-75 (YEARS)

HRS.(L S T)		JAN	FEB.	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
02	MEAN								1013.4	1019.0				1017.6
	S D									3.166				5.326
	TOTAL OBS								2	5				8
05	MEAN	1016.2	1016.7	1010.5	1009.9	1012.6	1012.3	1015.0	1014.5	1016.0	1016.9	1017.4		1014.2
	S D	5.813	9.056	8.240	9.833	7.798	5.944	4.282	3.634	6.324	7.815	4.179		6.779
	TOTAL OBS	26	34	91	69	181	187	204	217	183	164	5		1331
08	MEAN	1018.7	1019.4	1015.3	1012.9	1013.5	1012.4	1015.6	1015.4	1016.6	1018.0	1019.3	1018.6	1016.2
	S D	9.005	8.216	8.605	9.297	7.300	5.961	4.366	3.798	6.546	7.720	8.413	8.650	7.822
	TOTAL OBS	243	218	250	245	266	265	271	272	233	265	233	237	2998
11	MEAN	1017.9	1018.3	1014.4	1011.7	1012.1	1011.2	1014.7	1014.7	1015.6	1017.0	1018.4	1017.7	1015.3
	S D.	8.920	8.268	8.560	9.196	7.506	6.095	4.356	4.091	6.734	7.794	8.509	8.689	7.940
	TOTAL OBS	258	232	264	254	264	264	268	270	238	267	252	252	3083
14	MEAN	1015.3	1015.4	1012.2	1010.1	1010.6	1009.8	1013.7	1013.3	1013.6	1014.7	1016.2	1015.1	1013.3
	S D	9.007	8.131	8.686	9.139	7.445	6.120	4.304	4.205	6.789	7.828	8.442	8.644	7.814
	TOTAL OBS	232	229	264	250	268	261	268	268	237	260	247	241	3045
17	MEAN	1016.8	1016.3	1012.2	1010.1	1010.3	1009.4	1013.5	1012.9	1013.9	1015.4	1017.4	1017.0	1013.7
	S D	8.970	8.012	8.487	9.108	7.448	6.180	4.368	4.136	5.665	7.868	8.335	8.765	7.985
	TOTAL OBS	220	194	220	220	217	218	221	226	196	225	199	196	2552
20	MEAN	1018.2	1018.6	1014.6	1011.7	1011.8	1010.4	1014.6	1014.3	1015.9	1017.3	1018.9	1018.2	1015.2
	S D	8.935	8.110	8.370	9.393	7.501	5.974	4.579	4.178	6.690	8.057	8.345	8.510	7.988
	TOTAL OBS	194	173	204	192	215	216	209	220	188	193	179	176	2359
23	MEAN								1013.7	1019.6				1017.9
	S. D									3.986				5.939
	TOTAL OBS								2	5				7
ALL HOURS	MEAN	1017.3	1017.5	1013.6	1011.2	1011.8	1010.9	1014.5	1014.2	1015.3	1016.5	1018.0	1017.3	1014.7
	S D.	8.981	8.299	8.641	9.304	7.553	6.148	4.429	4.114	6.704	7.916	8.467	8.734	7.883
	TOTAL OBS	1193	1080	1263	1230	1411	1411	1441	1477	1286	1374	1115	1102	15383