AD A074681

USAFETAC/DS-79/062

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USAFETAC
Air Weather Service (MAC)

HILL AFB UTAH/OGDEN WBAN# 24101
N 41 07 W 111 58 ELD 4787 FT HIP MAC #

[illegible]

FOR HOURLY OBS: DEC 70 - DEC [illegible] 73 - AUG 78
FOR MAIN DAILY OBS: DEC 70 - AUG 78

DEC 26 1978

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18 SUPPLEMENTARY NOTES

This supersedes AD-A040095.

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 Hill AFB, Ogden, UTAH

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-bulb temperature
Cumulative percentage frequency of distribution tables

* Utah

* Hill AFB UT

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.

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

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	PART E	DAILY MAX, MIN, & MEAN TEMP
	ATMOSPHERIC PHENOMENA		EXTREME MAX & MIN TEMP
PART B	PRECIPITATION		PSYCHROMETRIC-DRY VS WET BULB
	SNOWFALL		MEAN & STD DEV - (DRY BULB, WET BULB, & DEW POINT)
	SNOW DEPTH		RELATIVE HUMIDITY
PART C	SURFACE WINDS		
PART D	CEILING VERSUS VISIBILITY	PART F	STATION PRESSURE
	SKYCOVER		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_____	APRIL_____	JULY_____	OCTOBER_____
FEBRUARY_____	MAY_____	AUGUST_____	NOVEMBER_____
MARCH_____	JUNE_____	SEPTEMBER_____	DECEMBER_____

ST4 29958

STATION NO OF SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
24101	HILL AFB UTAH/OGDEN	N 41 07	W 111 58	4787	HIF	

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	Hill AFB Utah	AFB	Sep 48	May 53	N 41 07	W 111 58	4796 ft	4800 ft	24
2	Same	Same	Jun 53	Mar 54	Same	Same	4784 ft	4798 ft	24
3	Same	Same	Apr 54	Apr 57	Same	Same	Same	4787 ft	24
4	Same	Same	May 57	Aug 78	Same	Same	4787 ft	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Sep 48	Located on top of operation hanger	Selsyn	ML-144B	132 ft	
2	Jun 53	Located on top of aircraft hanger	Same	Same	124 ft	
3	Apr 55	Located on the roof of the control tower atop hanger #1	Same	ML-144D	Same	
4	Apr 56	Located on top of the operations hanger	Same	Same	127 ft	
5	May 57	Located on top of bldg #1	Same	ML-144C	131 ft	
6	Apr 58	Located 2000 ft N of bldg #1	GMQ-11	RO-2	13 ft	
7	Apr 62	Located 2200 ft N of weather station and 900 ft off W side of rnwy 14-32	Same	Same	10 ft	

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
8	Jun 63	1. Located E and 1200 ft S along rnwy 14-32	GMQ-11	RO-2	13 ft	
		2. Located E and 3200 ft N along rnwy 32-14	Same	Same	Same	
9	Apr 65	1. Located 1200 ft S along rnwy 14	Same	Same	Same	
		2. Located 3299 ft N along rnwy 32	Same	Same	Same	
10	Apr 68	1. Located 500 ft E of the center-line of rnwy 14 and 1200 ft from the approach end of rnwy 14	GMQ-20	Same	Same	
		2. Located 500 ft E of the center-line of rnwy 32 and 3299 ft from approach end of rnwy 32	Same	Same	Same	
11	Apr 69	1. Same	GMQ-11	RO-362	Same	
		2. Same	Same	Same	Same	
12	Aug 78	1. Same	Same	Same	Same	
		2. Same	Same	Same	Same	

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A

PART A WEATHER CONDITIONS

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

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

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

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

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

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

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

Snow and/or sleet (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.

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24101	HILL AFB/OGDEN UTAH	67-73,73-75	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	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
JA	00-02		3.8	.1	11.4		14.7	11.1	9.2	.1		18.4	930
	03-05		4.1	.1	12.8		16.6	11.4	8.2	.4		18.2	930
	06-08		3.9	.2	13.5		17.4	12.6	8.9	.4		19.9	930
	09-11	.1	4.6		14.6		18.7	14.5	12.8	.3		24.7	930
	12-14	.1	5.8		13.4		18.2	11.4	17.3	.5		27.4	930
	15-17	.2	4.2		10.9		14.5	11.3	17.4	.5		27.1	930
	18-20		3.4		8.5		11.6	12.5	17.3	.2		25.6	930
	21-23		4.6		11.3		14.8	13.1	14.6	.4		23.9	930
TOTALS		.1	4.3	.1	12.0		15.8	12.3	13.4	.4		23.2	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24101 HILL AFB/OGDEN UTAH 67-72,73-78 FEB
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.
FE	20-02	.2	3.9		9.6		12.2	7.4	3.8	.4		10.4	846
	03-05		3.1		8.6		11.3	6.4	3.0	.6	.1	9.2	846
	06-08		3.1		10.2		12.6	7.6	1.9	.7		9.7	846
	09-11		3.1		10.8		13.4	7.8	3.1	.8		11.0	846
	12-14		2.7		10.3		12.9	8.5	5.8	.1		13.9	846
	15-17		3.7	.1	9.1		12.5	6.3	6.6	.4	.1	12.4	846
	18-20	.1	4.5	.4	7.3		11.7	5.4	6.0	.1		11.2	846
	21-23	.1	4.7	.1	8.7		12.9	6.6	3.8	.1		10.0	846
TOTALS		.1	3.6	.1	9.2		12.5	7.0	4.3	.4	.0	11.0	6768

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 7-70,73-78 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		5.1		6.7		11.1	3.3	.1	.4	.1	3.9	930
	03-05		4.6		9.0		13.1	4.1		.4		4.5	930
	06-08		4.1		9.6		13.3	5.4	.1	.1	.1	5.6	930
	09-11		3.9		11.0		14.4	6.2	.2	.2		6.6	930
	12-14	.1	3.3		9.8		13.0	5.7	.3			5.9	930
	15-17	.1	3.1		6.5		9.4	4.4	.4			4.8	930
	18-20	.1	4.2		5.6		9.5	3.7	.3	.1	.9	4.8	930
	21-23	.2	5.3		7.2		12.0	3.2	.6	.4	.4	4.1	930
TOTALS		.1	4.2		8.2		12.0	4.5	.3	.2	.2	5.0	7440

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WEATHER CONDITIONS

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.6	5.7		8.9		13.7	5.3	.1		.1	5.4	900
	03-05	.3	4.4		9.1	.1	12.4	5.8		.6		6.1	900
	06-08	.2	5.4		8.7		12.9	6.0		.3	.2	6.4	900
	09-11	.2	6.9		9.2		15.2	5.2				5.2	900
	12-14	.1	5.3		9.6		14.1	4.4				4.4	900
	15-17		5.4		7.7		12.6	4.6			.3	4.9	900
	18-20	.7	6.1		7.0		12.6	4.0			.3	4.3	900
	21-23	.2	5.9		7.8		12.9	4.3	.2		.3	4.7	900
TOTALS		.3	5.6		8.5	.0	13.3	5.0	.0	.1	.2	5.2	7200

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 73-78 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.3	7.0		.5		7.4	.8				.8	930
	03-05	.4	8.0		1.4		8.9	.9				.9	930
	06-08		6.5		1.6		8.0	1.1	.1			1.2	930
	09-11	.3	6.5		1.6		7.6	2.0	.2			2.2	930
	12-14	.2	5.9		1.7		6.9	1.6				1.6	930
	15-17	1.4	6.6		1.2		7.4	.6			.1	.8	929
	18-20	1.4	6.1		.5		6.5	1.3			1.2	2.5	930
	21-23	1.3	7.4		.5		8.0	.8			.2	1.0	930
TOTALS		.7	6.8		1.1		7.6	1.1	.0		.2	1.4	7439

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	.6	4.0				4.0						900
	03-05	.4	4.9				4.9	.3				.3	900
	06-08	1.1	4.9				4.9	.3				.3	900
	09-11	.4	7.4		.1		7.4	.9				.9	900
	12-14	.6	4.1		.1		4.1	.3			.1	.4	900
	15-17	1.4	5.1				5.1	.1				.1	900
	18-20	2.0	6.0		.1		6.0						900
	21-23	1.2	5.3				5.3	.1				.1	900
TOTALS		1.0	5.2		.0		5.2	.3			.0	.3	7200

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	1.0	1.9				1.9						930
	03-05	.9	.9				.9						930
	06-08	.2	1.1				1.1		.3			.3	930
	09-11	.2	1.7				1.7	.1	.3			.4	930
	12-14	.3	1.8				1.8	.1	.2			.3	930
	15-17	1.8	2.0				2.0		.1			.1	930
	18-20	2.8	3.2			.1	3.2				.2	.2	930
	21-23	2.3	3.2				3.2						930
TOTALS		1.2	2.0			.0	2.0	.0	.1		.0	.2	7440

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	1.0	2.6				2.6						930
	03-05	1.1	3.1				3.1	.1				.1	930
	06-08	1.1	3.2		.1		3.2	.1				.1	930
	09-11	.3	2.2				2.2	.1				.1	930
	12-14	.9	2.0				2.0	.4				.4	930
	15-17	1.0	2.2				2.2	.3				.3	929
	18-20	1.6	3.6				3.6	.3	.1		.1	.4	927
	21-23	1.7	3.7				3.7						927
TOTALS		1.1	2.8		.0		2.8	.2	.0		.0	.2	7433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	1.2	4.1				4.1				.1	.1	900
	03-05	1.3	4.2				4.2						900
	06-08	.6	4.6				4.6	.6			.1	.7	900
	09-11	.3	3.8			.1	3.8	.6				.6	900
	12-14	.1	2.7				2.7	.1				.1	900
	15-17	1.1	3.1		.1		3.1	.3	.2			.6	900
	18-20	1.0	3.8				3.8	.6				.6	900
	21-23	1.3	3.6		.1		3.6	.1				.1	900
TOTALS		.9	3.7		.0	.0	3.7	.3	.0		.0	.4	7200

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.3	5.1		.3		5.3	1.5	.1			1.6	930
	03-05	.4	5.8		1.5		6.5	1.3				1.3	930
	06-08	.2	5.4		1.9		6.6	1.2				1.2	930
	09-11	.1	7.0		1.8		8.3	1.1	.2		.1	1.4	930
	12-14	.3	6.4		1.8		7.5	1.0	.4		.1	1.5	929
	15-17	.1	6.7		1.6		7.7	1.4	.4			1.8	930
	18-20	.6	5.8		.4		6.2	.5	.2			.8	930
	21-23	.4	5.8		.6		6.5	1.2	.1			1.3	930
TOTALS		.3	6.0		1.2		6.8	1.2	.2		.0	1.4	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		4.0		4.0		7.9	4.2	1.6			5.4	900
	03-05		5.3		5.7		10.8	4.0	1.1			4.9	900
	06-08	.3	5.4		6.8		11.3	4.4	.6	.1		5.1	900
	09-11		4.8		5.9		10.3	5.1	2.4			7.0	900
	12-14		3.9		6.0		9.3	6.3	3.9	.1		9.9	900
	15-17		3.4		4.4		7.8	4.9	3.1	.2	.2	8.1	900
	18-20		4.2		4.3		8.2	4.7	2.7	.2		7.4	900
	21-23	.3	3.8		4.2		7.9	4.6	1.9			6.3	900
TOTALS		.1	4.4		5.2		9.2	4.8	2.2	.1	.0	6.8	7200

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24101 HILL AFB/OGDEN UTAH 66-70,73-77 DEC
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
DEC	00-02	.1	3.2		12.2		15.1	15.9	5.7			18.4	930
	03-05		2.8	.1	14.9		17.8	16.6	4.1	.2		18.6	930
	06-08		2.6		14.9		17.4	17.4	4.4	.4		20.0	930
	09-11	.1	2.9		16.5		18.9	18.0	7.2	.2		22.2	930
	12-14		3.4		14.6		17.0	18.5	11.4	.1		26.7	930
	15-17		3.1		14.9		17.4	15.2	14.0	.1		26.3	929
	18-20		3.5	.2	9.5		12.6	14.5	12.7	.1		23.8	927
	21-23		3.7	.1	9.9		13.6	16.1	10.0			22.2	927
TOTALS		.0	3.2	.1	13.4		16.2	16.5	8.7	.1		22.3	7433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-78 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.1	4.3	.1	12.0		15.8	12.3	13.4	.4		23.2	7440
FEB		.1	3.6	.1	9.2		12.5	7.0	4.3	.4	.0	11.0	6768
MAR		.1	4.2		8.2		12.0	4.5	.3	.2	.2	5.0	7440
APR		.3	5.6		8.5	.0	13.3	5.0	.0	.1	.2	5.2	7200
MAY		.7	6.8		1.1		7.6	1.1	.0		.2	1.4	7439
JUN		1.0	5.2		.0		5.2	.3			.0	.3	7200
JUL		1.2	2.0			.0	2.0	.0	.1		.0	.2	7440
AUG		1.1	2.8		.0		2.8	.2	.0		.0	.2	7433
SEP		.9	3.7		.0	.0	3.7	.3	.0		.0	.4	7200
OCT		.3	6.0		1.2		6.8	1.2	.2		.0	1.4	7439
NOV		.1	4.4		5.2		9.2	4.8	2.2	.1	.0	6.8	7200
DEC		.0	3.2	.1	13.4		16.2	16.5	8.7	.1		22.3	7433
TOTALS		.5	4.3	.0	4.9	.0	8.9	4.4	2.4	.1	.1	6.5	87632

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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.

574-29980

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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XXXXXXXXXXXXXXXXXXXXXXXXXXXX WEATHER CONDITIONS XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 48-78 YEARS | ALL MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.5	17.3	1.0	46.5	.4	53.1	40.4	28.0	4.9		57.7	930
FEB		2.0	17.9	.6	39.6	.7	47.3	28.5	14.5	3.1	.1	36.7	847
MAR		2.3	25.7	.1	36.6	1.4	47.7	22.3	1.8	3.4	.5	24.7	930
APR		6.8	34.1		25.0	3.3	44.9	19.8	1.1	.4	.4	20.9	900
MAY		13.5	39.9		6.6	2.5	41.1	6.8	.8	.1	.2	7.6	930
JUN		14.7	31.7		.4	1.4	31.7	3.2	.2		.1	3.6	900
JUL		14.2	23.8			.4	23.8	.8	.4		.1	1.3	928
AUG		17.0	28.0		.1	.8	28.0	1.1	.4		.4	1.8	930
SEP		12.1	26.7		1.0	1.1	26.2	2.9	.4		.2	3.6	900
OCT		5.1	24.4	.1	8.6	.5	26.8	8.7	1.1	.2	.1	9.8	929
NOV		1.8	22.9		24.1	.7	37.6	22.3	12.2	1.7	.1	30.8	900
DEC		.8	18.3	1.0	42.8	.4	50.5	42.8	29.8	2.8		57.6	929
TOTALS		7.6	25.9	.2	19.2	1.1	38.2	16.7	7.6	1.4	.2	21.3	10953

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PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

* Values for means and standard deviations do not include measurements from incomplete months.

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 57	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

74-29061

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 57- (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	45.0	18.5	3.5	7.2	7.2	8.2	0.3	2.6	.9					36.9	930	2.27	5.64	.05
FEB	51.9	18.4	2.2	6.6	5.3	7.2	5.4	2.6	.2					29.6	847	1.64	4.13	.37
MAR	51.4	19.0	2.7	5.9	5.3	7.2	5.7	2.4	.4					29.6	930	1.87	4.26	TRACE
APR	54.2	16.2	2.2	4.6	3.9	7.2	6.8	3.9	1.0					29.6	900	2.43	5.75	.57
MAY	58.3	16.9	2.4	5.6	3.7	4.9	4.5	2.6	1.0					24.6	930	1.83	6.44	TRACE
JUN	67.3	15.2	1.4	4.1	2.6	3.3	3.2	2.2	.6					17.4	900	1.28	4.04	.04
JUL	75.3	13.8	1.8	3.4	1.9	1.4	1.3	1.0	.1					11.0	930	.54	2.16	.01
AUG	70.6	15.6	2.3	3.5	2.4	3.3	.8	1.0	.5					13.8	930	.79	3.89	TRACE
SEP	72.7	11.8	1.7	4.0	1.9	3.2	2.6	1.6	.7					15.6	900	1.15	3.98	.01
OCT	71.8	10.0	1.7	3.9	1.7	3.9	4.3	1.8	.9					10.2	930	1.48	4.24	.00
NOV	60.2	13.9	2.9	5.4	4.0	7.1	3.0	1.9	.6					25.9	897	1.50	3.13	.05
DEC	48.3	16.2	3.0	8.0	6.2	10.3	4.7	3.0	.2					35.5	930	2.09	5.64	.11
ANNUAL	60.6	15.5	2.3	5.2	3.8	5.6	4.1	2.2	.6					23.9	10954	18.87		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

24101 HILL AFB/OGDEN UTAH 48-78
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR	MAY	JUN.	JUL.	AUG	SEP.	OCT.	NOV.	DEC	ALL MONTHS
48									1.35	.21	.55	.55	
49	.88	.34	1.82	1.10	.70	.90	.07	.91	.26	1.00	1.15	1.05	1.82
50	.59	.37	.39	.52	.86	.37	.43	.01	.42	.36	.40	1.00	1.00
51	.61	.70	.67	.91	.60	.04	.60	1.61	.25	1.69	.82	.60	1.69
52	1.17	.75	.60	.71	.33	1.10	.05	.14	.01	.00	.73	1.16	1.17
53	1.62	.24	.86	1.22	.47	.47	.41	.78	.04	1.35	.13	.54	1.62
54	.81	.55	.50	.26	.36	.40	.04	1.05	.21	.13	1.40	.62	1.40
55	.84	.65	.14	.86	.29	.53	.29	.16	.42	.42	.82	.88	.88
56	.71	.60	.09	.28	.46	.15	.50	TRACE	.23	.68	.13	.48	.71
57	.47	.79	.65	1.31	1.43	.81	.25	.35	.75	.37	.57	.30	1.43
58	.43	.52	.58	.38	.37	.17	.13	.14	.46	.07	.77	.23	.77
59	.47	.39	.47	.70	.55	.65	.07	.44	.70	.12	.07	.81	.81
60	.38	.56	1.04	.34	.31	.13	.13	.45	.38	.68	.75	.25	1.04
61	.05	.27	.38	.30	.19	.16	.94	.18	1.91	.41	1.52	.63	1.91
62	1.19	.65	.55	.85	.94	.36	.54	.09	.68	.67	.23	.16	1.19
63	.59	.28	.51	1.11	.75	.81	.01	.60	1.36	.79*	.55	.35	1.36
64	.47	.10	.37	.64	1.66	1.21	.01	.25	.01	1.01	.71	.83	1.66
65	.42	.30	TRACE	.93	.44	.56	.54	1.21	.87	.34	.79	.90	1.21
66	.61	.77	.28	.31	1.18	.05	.02	.08	.51	.22	.66	.35	1.18
67	.63	.26	.64	.55	.60	.70	.31	.14	.38	.47	.55	.72	.72
68	.37	.98	.93	1.11	.47	.91	.15	1.16	.40	1.34	.31	.31	1.34
69	1.18	.88	.20	.51	TRACE	1.36	.20	.30	.38	.31	.29	.35	1.36
70	.40	.36	.44	1.26	.36	1.18	.14	.10	1.38	.46	.68	.88	1.38
71	.56	.78	.30	.49	.50	.39	.08	1.47	.98	.84	.61	.86	1.47
72	.44	.13	.41	.76	.04	.06	.05	.22	.90	1.06	.65	.44	1.06
73	1.38	.76	1.32	.89	1.14	1.28	.84	.18	1.22	.27	1.08	.83	1.38
74	.37	1.03	.60	1.73	1.04	.18	.26	.25	.04	1.07	.60	.65	1.73
75	.42	.38	1.45	.92	.86	.79	.54	.10	.12	1.11	.26	.23	1.45
76	.13	1.70	.97	.89	.40	.89	1.11	.16	.17	1.28	.05	.05	1.70
77	.71	.35	.27	1.01	1.21	.05	.98	.69	.43	.32	.19	.50	1.21
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

24101 HILL AFB/OGDEN UTAH 48-78
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
78	.93	.78	.86	.70	.33	.06	.08	.68					
MEAN	.561	.574	.610	.785	.626	.556	.326	.470	.574	.633	.503	.584	1.296
S D	.360	.330	.409	.358	.404	.418	.316	.458	.482	.447	.373	.291	.34[illegible]
TOTAL OBS	930	847	930	900	930	900	930	930	900	930	897	930	10954

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

24101 HILL AFB/OGDEN UTAH 48-78
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
48									1.39	.64	2.37	3.72	
49	4.11	1.33	3.21	2.27	2.98	1.37	.07	.91	.26	4.24	1.36	5.04	27.15
50	3.34	1.11	1.73	.98	3.08	.32	.87	.01	1.26	.91	2.17	2.25	18.03
51	3.11	1.49	2.20	3.83	1.49	.04	1.07	2.14	.27	2.85	2.22	3.04	23.75
52	5.64	2.57	3.61	1.40	.92	1.42	.05	.19	.03	.00	1.05	1.94	18.82
53	3.72	.62	3.27	3.56	1.27	.67	1.04	1.09	.04	1.81	.39	1.29	18.74
54	1.54	.68	1.58	.73	.49	1.08	.04	1.06	.40	.31	3.13	1.12	12.21
55	3.32	1.65	.21	1.69	.97	1.84	.60	.54	1.05	1.02	2.18	2.95	17.78
56	3.47	1.80	.11	.57	2.58	.21	.66	TRACE	.52	1.85	.29	1.11	13.17
57	2.27	1.52	2.35	3.29	3.44	1.93	.39	.71	.75	1.33	1.30	2.32	24.60
58	1.26	2.34	2.98	1.49	.68	.16	.18	.27	.48	.07	1.40	.57	11.91
59	1.86	1.24	1.17	1.35	1.18	1.28	.15	.90	3.36	.19	.07	1.21	13.96
60	1.18	2.01	2.46	.94	.48	.34	.21	.56	1.01	1.31	1.88	.79	13.17
61	.05	.96	1.54	.95	.56	.39	1.09	.81	3.11	1.31	2.44	2.01	15.22
62	2.24	2.84	2.48	2.33	3.00	.63	.64	.15	.73	.69	.58	.19	16.50
63	1.16	.59	1.67	5.75	1.29	2.57	.01	.87	2.67	1.93*	1.98	1.09	*21.56
64	2.15	.39	1.64	3.63	4.29	4.04	.03	.43	.01	1.35	1.74	3.31	23.01
65	1.85	.80	TRACE	3.02	1.73	1.58	.89	1.54	1.56	.35	2.37	2.01	17.70
66	1.01	2.39	.60	.93	1.52	.10	.02	.18	.85	.25	1.43	1.20	10.78
67	2.22	.68	1.67	4.11	1.93	3.30	.37	.16	1.26	1.21	.65	2.34	19.90
68	.90	2.69	2.88	2.41	1.62	3.03	.17	3.89	.58	2.25	1.25	1.97	23.64
69	2.82	4.13	.26	1.53	TRACE	2.99	.36	.32	.43	1.08	.34	1.52	15.78
70	2.67	.56	1.10	4.36	1.37	2.91	.56	.26	3.15	1.74	2.77	3.79	25.24
71	1.72	2.24	.92	2.97	1.60	.54	.09	1.83	1.58	3.44	2.24	4.55	23.62
72	1.56	.37	.72	2.19	.04	.18	.06	.41	2.08	2.34	1.80	3.12	14.87
73	3.28	2.62	4.26	2.03	1.45	1.39	2.07	.50	3.98	.55	2.59	3.44	28.16
74	3.04	1.63	1.32	3.43	1.20	.20	.47	.38	.04	3.70	1.45	2.43	19.49
75	1.64	1.19	3.99	3.66	3.35	2.09	.69	.22	.15	3.21	1.25	.74	22.16
76	.43	3.41	1.21	2.92	.77	1.52	2.16	.30	.28	1.91	.05	.11	15.07
77	1.11	.71	1.48	1.21	5.41	.09	1.19	1.24	1.30	.68	.85	1.64	16.91
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

24101 HILL AFB/OGDEN UTAH 48-78
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
78	3.31	2.56	3.66	3.34	.89	.04	.13	1.78					
MEAN	2.266	1.644	1.873	2.429	1.829	1.277	.538	.786	1.163	1.484	1.503	3.094	18.62
S D	1.218	.970	1.201	1.292	1.509	1.146	.565	.814	1.105	1.123	.861	1.254	4.86
TOTAL OBS	930	847	930	900	930	900	930	930	900	930	897	930	1095

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

24101 HILL AFB/OGDEN UTAH 58-72
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	53.1	17.6	7.3	9.8	4.1	2.6	2.0	2.0	1.6	.4				29.2	930	17.9	44.8	TRACE
FEB	61.0	16.8	5.8	7.3	2.7	1.8	1.9	1.8	.7					22.2	847	12.0	32.4	.5
MAR	63.4	16.6	5.2	5.7	3.3	2.2	1.1	1.9	.3	.1				20.0	930	12.3	38.2	TRACE
APR	74.9	12.0	2.9	4.7	2.0	.9	.6	.9	1.0	.2				13.1	900	8.9	37.1	TRACE
MAY	93.7	4.3	.3	.6	.1	.2	.1	.1	.4	.1				2.0	930	2.3	19.5	.0
JUN	99.4	.6													900	TRACE	TRACE	.0
JUL	100.0														930	.0	.0	.0
AUG	99.9	.1													930	TRACE	TRACE	.0
SEP	99.1	.9					.1							.1	899	.1	3.9	.0
OCT	91.4	5.6	.3	1.6		.2	.3	.4	.1					3.0	930	2.1	16.4	.0
NOV	75.4	11.6	3.2	3.7	2.8	1.3	.8	.9	.2	.1				13.0	897	7.4	23.4	TRACE
DEC	56.2	15.6	5.6	10.0	5.2	3.1	1.3	1.6	1.4					28.2	930	10.6	47.9	TRACE
ANNUAL	80.6	8.5	2.5	3.6	1.7	1.0	.7	.8	.5	.1				10.9	10953	79.6		

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

24101 HILL AFB/OGDEN, UTAH 48-78
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
48									.0	.5	5.5	5.5	
49	9.8	3.4	10.4	TRACE	.0	.0	.0	.0	.0	9.7	5.4	9.9	10.4
50	6.5	2.8	4.0	5.0	9.6	.2	.0	.0	TRACE	TRACE	2.8	3.3	9.6
51	6.1	7.0	6.3	7.7	.3	.2	.0	.0	.0	.8	2.9	4.7	7.7
52	11.4	7.9	6.0	TRACE	.0	.2	.0	.0	.0	.0	7.6	7.0	11.4
53	14.0	2.0	5.0	6.0	TRACE	.2	.0	.2	.0	4.0	.6	7.0	14.0
54	4.7	5.3	5.0	.7	TRACE	TRACE	.0	.2	.0	TRACE	2.0	4.3	5.3
55	8.4	6.2	.7	7.3	TRACE	.2	.0	.2	.0	TRACE	9.3	9.4	9.4
56	4.7	5.0	.9	1.0	TRACE	.0	.0	.0	.0	5.3	2.1	4.0	5.3
57	4.7	.5	1.2	1.1	.0	.0	.0	.0	.0	.0	4.2	3.0	4.7
58	4.3	5.2	5.6	2.3	.0	.0	.0	.0	.0	TRACE	4.0	.7	5.6
59	3.6	4.3	.5	6.3	TRACE	.2	.0	.0	TRACE	.1	.4	2.5	6.3
60	3.4	5.5	5.4	.6	1.0	.2	.0	.0	.0	TRACE	1.0	2.4	5.5
61	TRACE	1.8	2.5	2.5	TRACE	.0	.0	.0	.0	5.4	15.2	2.1	15.2
62	11.9	6.3	5.5	3.3	TRACE	TRACE	.0	.0	.0	2.5	1.0	TRACE	11.9
63	1.1	.3	5.4	8.2	.0	.0	.0	.0	.0	.0*	1.5	4.9	8.2
64	8.5	1.2	3.7	5.3	13.1	.2	.0	.2	.0	.0	3.6	2.5	13.1
65	4.3	2.9	TRACE	9.2	3.1	.2	.0	.0	*TRACE	.2	.7	3.1	9.2
66	6.4	4.8	2.8	2.3	.0	.0	.0	.0	.0	1.3	3.4	2.1	6.4
67	8.9	3.5	5.8	5.0	.1	.0	.0	.0	.0	TRACE	5.5	8.5	8.9
68	3.7	2.2	9.3	1.3	TRACE	.0	.0	.0	TRACE	TRACE	3.6	4.5	9.3
69	5.9	8.8	2.1	4.2	.0	.0	.0	.0	.0	1.1	1.9	3.5	8.8
70	1.1	1.1	2.0	11.6	TRACE	.0	.0	.0	.0	.5	1.1	8.1	11.6
71	5.6	5.5	2.9	3.0	TRACE	.0	.0	.0	3.9	5.6	4.8	8.4	8.4
72	4.2	1.4	1.2	9.6	.0	.2	.0	.0	.0	4.0	1.9	4.4	9.6
73	12.5	7.8	12.9	3.9	TRACE	.2	.0	.0	TRACE	TRACE	3.7	7.3	12.9
74	4.2	6.0	5.6	14.0	TRACE	TRACE	.0	.0	.0	TRACE	TRACE	6.2	14.0
75	4.6	3.2	8.0	7.3	8.4	TRACE	.0	.0	.0	3.0	5.3	6.8	8.4
76	2.0	7.4	6.1	2.8	.0	TRACE	.0	.0	.0	.0	TRACE	.8	7.4
77	6.7	5.5	3.7	1.4	9.0	.0	.0	.0	TRACE	TRACE	2.5	2.0	9.0
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

24131 HILL AFB/OGDEN UTAH 48-78
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP	OCT.	NOV.	DEC.	ALL MONTHS
78	5.0	5.9	1.0	2.0	TRACE	.2	.0	TRACE					
MEAN	5.81	4.36	4.38	4.52	1.49	T.ACE	.00	TRACE	.13	1.47	3.59	4.93	2.27
S.D.	3.276	2.782	3.086	3.608	3.522	.000	.000	.000	.724	2.433	3.206	2.704	2.977
TOTAL OBS	930	847	930	900	930	900	930	930	899	930	897	930	1095

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL1)

FEDERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

24101 HILL AFB/OGDEN UTAH 48-78
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR	APR	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
48									.0	.5	22.1	35.8	
49	41.0	13.3	19.1	TRACE	.0	.0	.0	.0	.0	13.2	5.4	47.9	139.9
50	32.8	4.1	11.0	5.1	19.5	.0	.0	.0	TRACE	TRACE	5.6	7.8	85.9
51	30.0	12.9	19.2	8.3	.3	.0	.0	.0	.0	.8	13.3	26.7	111.5
52	44.8	27.3	36.2	TRACE	.0	.0	.0	.0	.0	.0	9.7	14.0	132.0
53	17.1	4.6	16.0	15.2	TRACE	.0	.0	.0	.0	4.0	.6	16.6	76.1
54	11.4	5.3	12.0	.7	TRACE	TRACE	.0	.0	.0	TRACE	2.0	6.6	38.0
55	31.4	13.9	.7	11.2	TRACE	.0	.0	.0	.0	TRACE	20.0	21.2	98.4
56	10.6	15.2	1.1	1.0	TRACE	.0	.0	.0	.0	6.4	3.4	6.6	44.3
57	18.6	.5	2.2	1.5	.0	.0	.0	.0	.0	.0	6.0	15.9	44.7
58	12.0	13.3	15.4	5.7	.0	.0	.0	.0	.0	TRACE	6.1	1.4	53.9
59	14.8	8.9	1.0	7.5	TRACE	.0	.0	.0	TRACE	.1	.4	6.0	38.7
60	11.4	16.6	7.9	1.0	1.0	.0	.0	.0	.0	TRACE	2.2	7.2	47.3
61	TRACE	4.9	6.3	5.9	TRACE	.2	.0	.0	.0	6.9	20.1	9.3	52.5
62	22.2	16.0	22.9	4.9	TRACE	TRACE	.0	.0	.0	2.5	1.9	TRACE	70.4
63	6.3	.5	15.6	21.2	.0	.0	.0	.0	.0	.0 *	4.3	12.3	* 60.2
64	20.6	4.1	16.0	13.8	18.6	.0	.0	.0	.0	.0	9.4	8.0	90.5
65	14.4	8.5	TRACE	15.1	7.4	.0	.0	.0	*TRACE	.0	1.2	10.0	* 56.6
66	11.6	19.2	5.1	3.5	.0	.0	.0	.0	.0	1.3	7.4	9.3	57.4
67	30.9	6.5	10.9	15.8	.2	.0	.0	.0	.0	TRACE	5.5	20.9	90.7
68	8.0	4.7	21.2	4.3	TRACE	.0	.0	.0	TRACE	TRACE	8.3	26.3	73.8
69	13.3	32.4	2.6	5.2	.0	.0	.0	.0	.0	.3	1.9	15.2	72.9
70	2.8	1.5	3.8	37.1	TRACE	.0	.0	.0	.0	[illegible]	2.0	30.8	78.9
71	11.3	12.7	5.6	3.1	TRACE	.0	.0	.0	3.9	16.[illegible]	9.5	36.5	99.[illegible]
72	8.7	3.7	1.4	12.7	.0	.0	.0	.0	.0	4.0	5.4	31.7	67.6
73	33.0	25.9	38.2	7.3	TRACE	.0	.0	.0	TRACE	TRACE	16.4	33.5	154.3
74	23.7	19.6	8.4	22.7	TRACE	TRACE	.0	.0	.0	TRACE	TRACE	18.7	93.1
75	18.6	7.6	29.6	26.7	14.0	TRACE	.0	.0	.0	3.4	23.4	12.4	135.7
76	2.8	29.9	14.5	4.8	.0	TRACE	.0	.0	.0	.0	TRACE	1.4	89.4
77	10.5	10.0	20.4	2.7	9.0	.0	.0	.0	TRACE	TRACE	4.0	7.4	64.0
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

24161 HILL AFB/OGDEN UTAH 48-78
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
78	16.1	16.4	1.6	2.9	TRACE	.0	.0	TRACE					
MEAN	17.92	12.00	12.26	8.87	2.33	TRACE	.00	TRACE	.13	2.00	7.35	16.58	80.40
S.D.	11.068	8.702	10.464	8.863	5.558	.000	.000	.000	.724	3.979	6.963	12.134	32.262
TOTAL OBS.	930	847	930	900	930	900	930	930	899	930	897	930	1095

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

24101 HILL AFB/OGDEN, UTAH 58-78
STATION STATION NAME YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
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			MEAN	GREATEST	LEAST
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
	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					
JAN	15.9	8.5	11.1	9.1	9.6	22.0	17.4	5.3	1.1					75.6	930			
FEB	32.9	10.2	6.7	7.0	9.6	17.8	10.0	4.1	1.3	.4				56.9	847			
MAR	60.0	8.9	7.2	4.1	4.8	7.3	4.9	2.7						31.1	930			
APR	87.2	3.8	3.0	1.8	1.2	1.8	1.1	.1						9.0	900			
MAY	99.0	.9	.1	.1	.5	.4								1.2	930			
JUN	100.0														900			
JUL	100.0														930			
AUG	100.0														930			
SEP	99.9	.1													900			
OCT	97.3	.9	.5	.3	.2	.3								1.8	930			
NOV	77.0	6.4	4.3	3.0	2.7	4.9	1.1							16.6	897			
DEC	37.5	10.5	8.7	7.5	7.6	11.9	14.6	1.5						51.7	930			
ANNUAL	75.5	4.2	3.5	2.8	3.0	5.5	4.1	1.1	.2	.0				20.3	10954			

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

24161 — STATION
HILL AFB/OGDEN UTAH — STATION NAME
48-79 — YEARS

DAILY SNOW DPTH, IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
48									0	2	5	12	
49	36	32	12	TRACE	0	0	0	0	0	2	TRACE	22	36
50	16	7	3	2	0	0	0	0	TRACE	0	6	2	16
51	12	5	9	2	3	0	0	0	0	TRACE	5	14	14
52	12	18	19	3	2	0	0	0	0	0	5	10	19
53	15	1	5	7	0	0	0	0	3	1	TRACE	7	15
54	8	4	3	2	0	0	0	0	0	0	TRACE	3	8
55	22	12	7	5	TRACE	0	0	0	0	0	12	12	22
56	5	6	1	1	0	0	0	0	0	TRACE	5	6	6
57	7	7	1	1	0	0	0	0	0	0	4	3	7
58	4	5	3	1	0	0	0	0	0	0	2	1	5
59	6	9	TRACE	TRACE	0	0	0	0	0	0	TRACE	3	9
60	6	5	8	TRACE	0	0	0	0	0	0	TRACE	7	8
61	TRACE	3	3	1	0	0	0	0	0	5	8	4	8
62	15	8	8	1	0	0	0	0	0	TRACE	1	TRACE	15
63	4	1	7	5	0	0	0	0	0	0*	2	5	7
64	14	7	7	3	4	0	0	0	0	3	4	4	14
65	6	5	0	10	4	0	0	0	0	0	2	4	10
66	8	14	9	1	0	0	0	0	0	0	3	2	14
67	15	4	5	4	0	0	0	0	0	0	0	13	15
68	10	4	12	2	0	0	0	0	0	0	7	10	12
69	10	19	14	3	0	0	0	0	0	0	0	6	19
70	6	1	2	13	3	0	0	0	0	1	1	12	13
71	12	5	3	3	0	0	0	0	0	2	5	12	12
72	6	4	TRACE	3	0	0	0	0	0	4	3	10	10
73	15	15	13	2	0	0	0	0	0	0	6	8	15
74	13	8	9	10	0	0	0	0	0	0	0	9	13
75	14	5	8	7	6	0	0	0	0	2	12	7	14
76	6	9	6	2	0	0	0	0	0	0	0	1	9
77	7	6	7	12	3	0	0	0	0	0	4	1	12
MEAN													
S.D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 48-78 YEARS

DAILY SNOW DPTH. IN INCHES

MONTH / YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
78	7	6	1	1	0	?	0	0					
MEAN	1?.6	8.0	6.2	3.6	1.6	.?	.0	.0	TRACE	.?	3.4	7.0	13.1
S D.	6.765	7.261	4.706	3.654	1.804	.000	.000	.000	.000	1.377	3.429	5.017	6.33?
TOTAL OBS.	?30	847	930	900	?30	900	940	930	?00	930	?97	930	10957

NOTE * (BASED ON LESS THAN ? FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL1)

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.

*Values for means and standard deviations do not include measurements from incomplete months.

CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

74131 HILL AFB/OGDEN UTAH 48-79
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH / YEAR	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT.	NOV.	DEC.	ALL MONTHS
48									ENE 31	ENE*34		NE *36	
49	ENE*57	NE *48		NE *39	NE 68	NE 69	ENE 39	SE 42	SSE 58	SW 50	SSW 37	NW 43	
50	S 50	W 42	NW 62	S 45	W 41	SSW 49	NNW 62	SSW 41	N 44	SSE 40	WNW 34	SSW 36	NW 62
51	ENE 48	ENE 33	SSE 57	SSW 44	ENE 47	NW 35	S 38	NW 43	SSW 42	WSW 51	N 48	NNW 43	SSE 57
52	NW 45	WSW 42	E 47	S 49	ENE 83	SSE 50	ENE 45	NW 57	SSE 64	ENE 39	ENE 42	SW 46	ENE 83
53	S 40	SSE 38	S 37	S 37	WNW 49	NW 43	SSE 47	ENE 56	SW 43	ENE*75	WNW 43	N 39	ENE*75
54	E 48	S 43	S 58	S 49	NNW 70	SSW 45	ESE 49	ENE 43	W 52	ENE 56	S 46	NNW 44	NNW 70
55	ENE 35	N 42	N 49	W 52	SW 50	E 53	SSW 44	S 38	ENE 38	NNW 36	NNW 41	S 57	S 57
56	WNW 49	SW 43	SE 36	NW 52	E *39	E 38	SE 46	E 35	SW 35	S 42	N 43	N 33	NW 52
57	E 65	S 34	W 50	E 50	SSW*46	S 42	ENE 50	W 59	ENE 33	NE 44	N 48	NW 33	E 65
58	ENE 38	E 34	ENE 39	ENE 35	SSE 39	W 33	W 39	SW 40	S 34	E 46	WNW 33	NW 24	E 46
59	SSE 41	NE 39	NNW 45	NNE 38	S 42	SW 34	E 41	S 35	ENE 34	E 61	NNW 34	E 28	E 61
60	S 24	W 35	NNW 38	S 42	S 43	NNW 38	ENE 38	WNW 42	E 32	E 37	E 45	E 43	E 45
61	E 44	S 29	E 73	SW 47	SW 39	SSE 38	W 60	SSW 38	NNE 40	E 58	E 51	NW 35	E 73
62	E 48	S 32	SSE 38	NNW 34	SSW 36	NNW 38	ENE*31	SW 47	E 24	S *45	NNW 25	E 22	E 48
63	SSE 33	E 59	S 53	SSW*49	S *37	SSE*40	SE*29	SSE*32	SW *27	S 28	NW *28	E *25	E 59
64	S *39	NNW 24	SSE*36	NW *40	S *33	W *37	E *23	SE *35	NW *32	W *39	ENE*66	W *40	ENE*66
65	S *40	WNW*33	E *32	SSE*40	SE *27	S *38	E *36	N *28	SSE*30	SSE*23	S *31	SW *33	S *40
66	E 25	E 32	NW 35	NW 37	S 46	NW 39	SW 31	SW 66	WSW 38	NW 28	SSE 33	W 49	SW 66
67	SW 38	SW 33	S 43	SW 52	SSW 47	S 32	E 32	ENE 35	N 32	SSW 34	SSW 36	SE 50	SW 52
68	SW 40	E 40	N 41	E 44	SW 46	NNW 27	23/ 34	24/ 39	22/ 38	18/ 32	26* 34	30* 32	SW 46
69	30/ 49	11/ 42	11/ 48	34/ 40	5/ 48	26/ 42	23/ 49	18/ 50	8/ 38	8/ 42	16/ 45	10/ 36	13/ 50
70	17/ 32	17/ 39	8/ 57	6/ 44	23/ 55	17/ 43	23/ 47	15/ 48	18/ 44	25/ 39	14/ 41	31/ 44	8/ 57
71	8/ 36	18/ 37	18/ 31	22/ 43	19/ 34	22/ 35	9/ 36	3/ 27	8/ 40	8/ 42	27/ 39	6/ 30	22/ 43
72	8/ 40	36/ 35	35/ 39	25/ 38	20/ 51	20/ 33	33/ 35	20/ 45	17/ 35	17/ 39	18/ 32	34/ 35	20/ 51
73	18/ 34	9/ 42	15/ 33	11/ 62	8/ 42	23/ 56	19/ 40	9/ 40	26/ 35	25/ 38	28/ 51	19/ 40	11/ 62
74	17/ 28	17/ 43	18/ 51	18/ 50	26/ 46	22/ 33	24/ 38	22/ 39	9/ 34	15/ 50	29/ 30	32/ 42	18/ 51
75	31/ 40	29/ 35	34/ 40	17/ 40	34/ 39	32/ 37	8/ 40	23/ 50	5/ 40	17/ 48	30/ 37	9/ 32	23/ 50
76	34/ 30	31/ 47	29/ 38	23/ 42	33/ 43	26/ 38	17/ 50	18/ 37	18/ 34	26/ 26	34/ 40	5/ 30	17/ 50
77	16/ 38	9/ 32	36/ 48	20/ 32	25/ 46	20/ 30	23/ 50	25/ 42	18/ 40	17/ 37	27/ 36	30/ 43	25/ 50
MEAN													
S. D.													
TOTAL OBS.													

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

24101 HILL AFB/OGDEN, UTAH 46-78
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH / YEAR	JAN.	FEB.	MAR.	APR	MAY	JUN	JUL.	AUG.	SEP.	OCT	NOV.	DEC	ALL MONTHS
78	18/ 26	21/ 36	8/ 44	17/ 48	32/ 42	29/ 42	32/ 38	29/ 40					
MEAN	39.4	3P.3	46.3	43.9	47.4	41.2	43.0	43.7	36.0	42.3	40.6	38.5	57.
S D	9.271	7.546	9.957	7.196	11.172	7.584	7.818	8.577	8.341	9.298	8.727	8.525	10.10
TOTAL OBS.	586	810	875	874	895	851	891	907	861	899	834	877	10461

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

USAF ETAC FORM JUL 64 0-88-5 (OL1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.1	.3									2.3	4.4
NNE	.1	.1										.2	3.5
NE	.3											.3	2.7
ENE			.2									.2	9.0
E	.6	1.7	2.4	1.3								6.0	7.8
ESE	2.4	7.8	12.4	10.2	.3							33.1	8.8
SE	1.8	3.2	1.9	1.2	.1							8.3	6.5
SSE	1.2	2.5	1.6	.6	.2							6.1	6.5
S	2.2	3.1	5.3	4.9	2.7	.1						18.3	9.9
SSW	.4	2.5	.9	.6		.1						4.5	7.0
SW	.2	.5	.1	.1								1.0	5.3
WSW	.2	.3	.1									.6	4.0
W	.1	.2	.4	.4	.1							1.3	9.8
WNW	.4	.2	.3	.2								1.2	6.0
NW	.1	.4	.5	.1								1.2	7.0
NNW	.4	1.1	.6	.2	.3	.2						2.9	9.0
VARBL													
CALM												12.5	
	11.4	24.8	27.1	20.0	3.8	.4						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JAN (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	.2	1.2	.5	.3	.1							2.4	7.4
NNE		.2										.2	6.0
NE		.2										.2	4.5
ENE	.2	.1	.2									.5	5.0
E	1.0	1.4	1.8	1.6								5.8	7.6
ESE	2.2	6.0	13.2	13.2	1.5							36.1	9.7
SE	1.4	3.9	2.0	1.5	.1							8.9	6.8
SSE	1.3	2.5	1.5	.4	.1	.1						5.9	6.3
S	.5	3.2	4.3	5.9	1.5	.8						16.2	11.1
SSW	.5	1.7	1.4	.6	.1							4.4	7.3
SW	.6	.5	.2	.1		.1						1.6	6.3
WSW	.1	.3	.2	.1		.1						.9	9.0
W		.1	.2	.1								.4	8.3
WNW	.2	.1	.1	.2								.6	6.5
NW	.2	.5	.5	.3	.1							1.7	7.9
NNW	.5	.6	.9	.3	.2							2.6	7.5
VARBL													
CALM												11.4	
	9.0	22.7	27.2	24.8	3.8	1.1						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 44 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.6	.3	.1		.1						1.7	6.3
NNE	.3	.5	.2									1.1	4.6
NE	.1											.1	2.0
ENE	.3	.3	.4									1.1	5.3
E	.8	.9	1.6	1.9	.3							5.5	9.8
ESE	1.1	4.8	12.8	15.7	2.5							36.9	10.6
SE	1.4	2.3	2.6	1.3	.4							8.0	7.6
SSE	.9	2.7	1.7	.8								6.0	6.3
S	1.8	3.9	4.8	5.7	2.0	1.0						19.2	10.5
SSW	.6	.5	1.1	.3	.1							2.7	7.2
SW	.2	.4	.1									.8	4.7
WSW	.1	.1										.2	3.0
W		.2	.1	.1								.4	8.5
WNW		.3										.3	4.3
NW	.2	.3	.2									.8	5.1
NNW	.6	.8	1.0	.4		.1						2.9	7.9
VARBL													
CALM												12.4	
	9.0	18.7	27.0	26.3	5.4	1.2						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	.4	1.0	.6	.3	.1							2.5	6.6
NNE	.2	.1		.1								.4	5.8
NE	.5	.3										.9	3.5
ENE	.1		.3	.1	.1							.6	9.3
E	.9	1.3	3.2	1.6								7.0	8.5
ESE	1.5	7.6	11.1	10.9	2.5	.1						33.7	9.9
SE	1.3	2.4	2.3	1.4	.3	.2						7.8	7.9
SSE	1.5	2.5	1.8	.9		.3						7.0	7.2
S	1.6	3.2	4.9	6.6	1.9	.5	.2					19.0	10.8
SSW	.3	1.9	1.0	.9	.1	.1						4.3	8.3
SW	.6	.6										1.3	3.5
WSW	.4	.2	.4	.1								1.2	5.4
W	.5	.3	.4									1.3	5.1
WNW	.1		.1	.1	.1							.4	11.5
NW	.3	.5		.2								1.1	5.9
NNW	.2	.6	.2	.4	.5							2.0	10.4
VARBL													
CALM												9.5	
	10.6	22.7	26.5	23.5	5.7	1.3	.2					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	.8	1.8	.4	.5	.3							3.9	7.0
NNE	.3	.2		.1								.6	5.2
NE	.5	.1			.1							.8	5.0
ENE	.4	.1	.2	.2								1.0	6.4
E	1.5	2.9	1.7	.6								6.8	6.0
ESE	1.2	3.7	4.5	3.0	.1							12.5	8.0
SE	1.9	2.6	1.3	.3	.1							6.2	5.4
SSE	1.2	1.8	1.1	1.0		.1						5.2	7.0
S	1.4	5.7	6.7	5.6	1.9	.6	.3					22.3	10.2
SSW	1.0	2.7	2.6	1.3	.3							7.8	7.6
SW	.8	1.2	.9									2.8	5.2
WSW	.5	.4	.4	.3								1.7	6.1
W	.6	1.2	.6	.3	.1							2.9	6.4
WNW	.5	.1	.1	.1								.9	4.5
NW	.9	1.1	.8	.1								2.8	5.3
NNW	1.3	2.8	1.5	.6	.1							6.3	6.2
VARBL													
CALM												15.6	
	14.8	28.4	22.8	14.2	3.1	.8	.3					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JAN (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	1.7	.4	.5	.1	.1						4.1	6.4
NNE	.6	.1	.1									.9	3.3
NE	.1	.1	.2									.4	6.0
ENE	.2	.2		.1	.2							.8	9.1
E	1.7	1.3	.2	.3	.1							3.7	5.2
ESE	1.1	3.9	2.5	.2								7.6	5.8
SE	1.3	.9	.6									2.8	4.3
SSE	2.2	2.8	1.2	.9								7.0	5.6
S	2.3	5.1	5.5	6.1	2.0	.4	.1					21.5	9.8
SSW	1.3	2.2	2.3	.8	.1			.1				6.7	7.2
SW	1.2	.8	.2	.3								2.5	4.9
WSW	.5	.1	.2	.1								1.0	5.0
W	1.3	1.0	.3									2.6	4.2
WNW	.5	.3	.3									1.2	4.6
NW	1.0	2.0	.4	.2								3.7	5.0
NNW	2.6	4.3	1.6	.2	.1							8.8	5.0
VARBL													
CALM												24.9	
	19.0	26.7	16.1	9.8	2.7	.5	.1	.1				100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24,1 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	1.6	2.5	.8	.8								5.6	5.6
NNE	.3	.1	.2	.1								.8	5.9
NE	.2		.1									.3	4.0
ENE	.1	.1										.2	3.5
E	1.6	1.5	.9	.4								4.4	5.3
ESE	3.4	4.9	6.7	1.4	.2							16.7	6.6
SE	2.7	4.7	.8	.1								8.3	4.5
SSE	1.5	3.5	1.4	.2	.1							6.8	5.5
S	2.4	5.8	5.2	5.4	2.0	.3						21.1	9.4
SSW	.6	1.3	.6	.1								2.7	5.5
SW	.6	.5	.3									1.5	4.1
WSW	.5	.4										1.0	3.7
W	.4	.8	.2									1.4	4.5
WNW	.3	.3	.1	.1								.9	4.6
NW		.4	.2									.6	6.5
NNW	1.2	2.0	.6	.1								4.0	4.9
VARBL													
CALM												23.9	
	17.6	29.0	18.1	8.7	2.4	.3						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GL AL CLIMATOLOGY BRANCH
US ETAC
AI WEATHER SERVICE/MAC

SURFACE WINDS

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

24 1 — STATION
HILL AFB/UGDEN UTAH — STATION NAME
67-70, 73-78 — YEARS
JAN — MONTH

ALL WEATHER — *LABS
2100-2300 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.5	.3	.5	.1							2.3	7.2
NNE	.5	.6										1.2	3.7
NE	.4	.1										.5	2.4
ENE	.2	.3	.1									.6	4.3
E	1.4	1.2	1.9	1.0								5.5	7.1
ESE	2.2	7.8	10.8	5.6	.1							26.5	7.9
SE	2.2	3.8	1.3	.4								7.6	5.2
SSE	1.7	2.5	1.7	.6	.2							6.8	6.2
S	2.2	4.1	5.6	5.3	1.6	.3						19.0	9.4
SSW	.6	1.9	1.0	.3	.1							4.0	6.4
SW	.3	.3	.1	.1		.1						1.0	8.1
WSW	.1	.6	.4									1.2	6.0
W	.1	.2	.2	.2								.8	8.0
WNW	.1	.2	.3									.6	6.3
NW	.5	.6	.4									1.6	5.1
NNW	.3	1.1	.8	.3	.1	.2						2.8	8.1
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	18.1	
	13.7	26.0	24.9	14.4	2.3	.6						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.3	.5	.4	.1	.0						3.1	6.3
NNE	.3	.3	.1	.0								.7	4.5
NE	.3	.1	.0		.0							.4	3.9
ENE	.2	.1	.2	.1	.0							.6	6.5
E	1.2	1.5	1.7	1.1	.1							5.6	7.3
ESE	1.9	5.8	9.2	7.5	.9	.0						25.4	9.0
SE	1.7	3.0	1.6	.8	.1	.0						7.2	6.2
SSE	1.4	2.6	1.5	.7	.1	.1						6.3	6.3
S	1.8	4.3	5.3	5.7	2.0	.5	.1					19.6	10.1
SSW	.7	1.8	1.3	.6	.1	.0		.0				4.6	7.2
SW	.6	.6	.2	.1		.0						1.5	5.2
WSW	.3	.3	.2	.1		.0						1.0	5.6
W	.4	.5	.3	.1	.0							1.4	6.1
WNW	.3	.2	.2	.1	.0							.8	5.7
NW	.4	.8	.4	.1	.0							1.7	5.8
NNW	.9	1.7	.9	.3	.2	.1						4.0	6.6
VARBL													
CALM												15.0	
	13.2	24.9	23.7	17.7	3.6	.8	.1	.0				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.5	.5	.2								1.9	6.2
NNE	.7	.4										1.1	3.0
NE	.5	.2										.7	2.7
ENE	.1	.2		.1								.5	5.3
E	.7	1.2	2.8	2.8	.6	.8						9.0	11.0
ESE	1.2	6.9	18.9	12.5	2.1	1.1	.1					42.8	10.1
SE	1.3	3.2	3.2	1.3								9.0	7.2
SSE	1.1	3.0	1.2	.7								5.9	6.2
S	.9	3.0	3.0	4.4	1.1							12.3	9.6
SSW	.4	1.1	.4	.4	.4							2.5	8.4
SW	.2	.1										.4	3.0
WSW	.1	.4	.4	.1								.9	6.1
W	.1	.2	.4									.7	6.7
WNW	.2	.5	.4									1.1	5.3
NW	.4	1.1	.2									1.7	4.9
NNW	.6	.5	.1									1.2	4.0
VARBL													
CALM												8.5	
	9.2	22.2	31.3	22.6	4.1	1.9	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.5	.5	.1	.1							1.7	6.5
NNE	.2											.2	2.0
NE	.4											.4	2.3
ENE	.2											.2	2.0
E	.6	1.8	1.3	2.6	1.5	.7	.2					8.7	12.3
ESE	1.4	4.7	16.0	18.9	3.4	.5						44.9	11.0
SE	.8	3.3	3.2	1.9	.4							9.6	8.0
SSE	1.3	.9	.7	.2								3.2	5.5
S	1.4	2.7	3.9	3.2	1.7							12.9	9.6
SSW	.7	.8	.9	.2								2.7	6.3
SW	.4	.7	.2									1.3	4.5
WSW	.2	.1	.1									.5	5.3
W	.2	.5	.1	.1								.9	5.8
WNW	.5	.2	.1									.8	4.3
NW	.4	.6										.9	4.4
NNW	.1	.7		.1								.9	6.0
VARBL													
CALM												10.0	
	9.3	17.6	27.1	27.4	7.1	1.2	.2					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) FEB (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	.8	.1	.2								1.8	5.3
NNE	.1	.1	.1									.4	4.7
NE	.1											.1	2.0
ENE	.4											.4	2.3
E	.7	.8	2.6	3.4	.9	.8						9.3	12.0
ESE	.8	3.5	12.1	22.7	4.6	1.5						45.3	12.2
SE	.6	2.2	2.8	1.7	.7							8.0	9.0
SSE	.4	2.6	.7	.4								4.0	6.0
S	1.1	2.4	4.3	3.8	.6							12.1	9.2
SSW	.9	.7	1.1	.6	.2							3.5	7.5
SW		.5	.1									.6	5.0
WSW		.1	.1	.2								.5	10.3
W	.4	.4	.4	.5	.1							1.7	8.4
WNW	.1	.4	.5									.9	6.5
NW	.2	.5	.6	.1								1.4	6.3
NNW	.1	.5	.2	.1	.1							1.1	8.2
VARBL													
CALM												9.0	
	6.5	15.5	25.7	33.7	7.3	2.4						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.7	1.3	.2	.2							2.7	8.3
NNE	.7	.1	.1									.9	3.4
NE	.1			.1								.2	7.5
ENE		.1		.1		.1						.4	14.3
E	.8	1.4	2.2	4.1	1.3	.6	.1					10.6	12.1
ESE	.9	4.4	13.8	17.0	4.0	.5						40.7	11.3
SE	1.5	2.6	2.2	1.2	.5							8.0	7.6
SSE	.8	1.7	.6	.5	.4							3.9	7.0
S	.6	2.8	4.5	5.2	1.2							14.3	10.2
SSW	.4	1.4	1.4	.7								3.9	7.1
SW		.7	.2	.1								1.1	6.4
WSW	.1	.2	.1	.2								.7	7.8
W	.2	.2	.5	.1								1.1	6.8
WNW	.1	.4	.4	.1	.1							1.1	9.0
NW	.5	.2	.6	.1	.1	.1						1.7	8.4
NNW	.4	1.7	.8	.2								3.1	6.0
VARBL													
CALM												5.7	
	7.4	18.7	28.8	30.1	7.8	1.3	.1					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.2	1.7	.6	.2							3.9	8.4
NNE	.2	.1	.1									.5	4.3
NE	.2	.1	.1									.5	4.5
ENE	.2			.4								.6	9.4
E	2.5	2.1	2.4	1.5	1.1	.1	.1					9.8	8.3
ESE	1.7	6.1	5.9	3.9	.9	.2						18.8	8.4
SE	.8	1.7	1.3	.1								3.9	5.7
SSE	1.1	1.4	1.4	.4								4.3	6.3
S	.8	3.4	6.0	5.0	2.0	.1						17.4	10.4
SSW	.8	3.4	2.0	.9	.2	.1						7.6	7.4
SW	.9	1.8	1.1	.4	.1							4.3	6.0
WSW	.8	1.2	.2	.2								2.5	4.7
W	1.1	1.9	.6	.2								3.8	5.5
WNW	.7	.6	.5	.2	.1							2.1	6.5
NW	.4	1.7	.5	.4	.1							3.0	6.6
NNW	1.2	2.4	1.3	.7	.2							5.8	7.0
VARBL													
CALM												11.5	
	13.7	29.1	25.1	14.9	5.1	.6	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101	HILL AFB/OGDEN UTAH	67-70,73-78	FEB
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	2.8	2.2	1.3	.7	.2							7.3	5.8
NNE	.5	.6										1.1	3.8
NE	.4	.6										.9	3.4
ENE	.4		.1	.1								.6	5.0
E	1.5	1.9	.7	.6	.5	.2						5.4	7.6
ESE	1.9	2.4	2.5	1.1	.6	.1						8.5	7.5
SE	.6	1.8	.2	.2								2.8	5.5
SSE	.8	1.3	1.1	.6	.1							3.9	6.9
S	1.1	3.8	4.7	4.6	1.3	.2						15.7	9.8
SSW	1.2	2.2	1.9	.7								6.0	6.6
SW	1.8	1.2	.9									3.9	4.4
WSW	.7	1.5										2.2	3.7
W	1.8	2.0	.8	.5								5.1	5.0
WNW	.7	1.3	.2	.1								2.4	4.9
NW	1.7	2.2	.5	.1								4.5	4.4
NNW	1.7	6.0	2.6	2.0	.5							12.8	6.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	16.8	
	19.4	31.1	17.6	11.3	3.2	.6						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.1	3.4	1.4	.5		.1						8.5	5.1
NNE	.5	.4										.8	3.3
NE	.6	.1										.7	2.5
ENE	.6	.2	.1									.9	4.1
E	1.2	2.1	1.4	.5	.7	.2						6.1	8.2
ESE	2.8	4.8	5.2	2.5	1.1	.2						16.7	8.1
SE	2.2	1.7	.6	.1								4.6	4.1
SSE	.9	2.7	2.2	.5	.2							6.6	6.8
S	1.1	4.1	4.1	4.0	.9	.2						14.5	9.5
SSW	.5	1.1	.4	.1								2.0	5.3
SW	.2	.2	.2			.1						.8	7.1
WSW	.6	.4	.1									1.1	4.0
W	.2	.1	.1									.5	4.5
WNW	.6	.6	.1									1.3	3.7
NW	1.1	1.2	.5		.1							2.8	4.8
NNW	2.0	3.9	1.8	.4								8.0	5.2
VARBL													
CALM												23.9	
	18.2	27.1	18.3	8.5	3.1	.9						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.4	.6	.1								2.6	5.6
NNE	.5											.5	2.3
NE	.6	.2										.8	3.1
ENE	.5	.1	.2									.8	3.7
E	.9	1.4	3.5	1.8	.9	.4						9.0	9.8
ESE	3.0	8.6	15.8	6.6	2.0	.4						36.4	8.8
SE	2.0	3.9	2.1	.7	.1							8.9	6.0
SSE	1.3	3.1	1.8	.8	.4	.1						7.4	7.2
S	1.3	3.2	3.2	3.2	1.4	.2						12.5	10.0
SSW	.5	.6	.9									2.0	6.1
SW	.6	.6	.5									1.7	5.1
WSW			.1									.1	8.0
W	.2	.8	.2	.1								1.4	6.1
WNW	.5		.1	.1								.7	5.5
NW		.2	.4									.6	7.8
NNW	.8	1.2	.5									2.5	4.7
VARBL													
CALM												12.1	
	13.1	25.4	30.0	13.5	4.8	1.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) FEb (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.3	.9	.3	.1	.0						3.8	6.2
NNE	.4	.2	.0									.7	3.4
NE	.4	.2	.0	.0								.5	3.3
ENE	.3	.1	.1	.1		.0						.5	5.6
E	1.1	1.6	2.1	2.2	.9	.5	.1					8.5	10.4
ESE	1.7	5.2	11.3	10.7	2.3	.6	.0					31.8	10.3
SE	1.2	2.5	2.0	.9	.2							6.9	7.0
SSE	1.0	2.1	1.2	.5	.1	.0						4.9	6.6
S	1.0	3.2	4.2	4.2	1.3	.1						14.0	9.8
SSW	.7	1.4	1.1	.5	.1	.0						3.8	7.0
SW	.5	.7	.4	.1	.0	.0						1.7	5.3
WSW	.3	.5	.1	.1								1.1	5.2
W	.5	.8	.4	.2	.0							1.9	5.8
WNW	.4	.5	.3	.1	.0							1.3	5.7
NW	.6	1.0	.4	.1	.0	.0						2.1	5.6
NNW	.9	2.1	.9	.4	.1							4.4	6.2
VARBL													
CALM												12.2	
	12.1	23.3	25.5	20.3	5.3	1.2	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 6768

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.3	1.9	.3	.2							4.4	7.6
NNE	.4	.5		.1								1.1	4.7
NE	.3		.3	.1								.8	6.9
ENE	.1	.3	.1		.1							.6	7.3
E	.1	1.3	2.4	2.0	1.1	.4	.2					7.5	12.2
ESE	1.6	9.4	21.1	9.9	.2							42.2	8.6
SE	1.1	1.9	1.2	.2								4.4	5.6
SSE	.4	1.3	1.1	.2		.2						3.2	7.6
S	.8	2.0	4.1	5.3	1.9	.5						14.6	11.4
SSW	.8	1.1	.5	.6	.2	.2						3.4	8.2
SW	.2	.3	.2									.8	4.9
WSW	.1	.2	.2									.5	5.8
W	.5	.3	.8	.2								1.8	6.7
WNW	.3	.5	.5	.1								1.5	6.0
NW	.1	.9	.3	.2	.1							1.6	7.4
NNW	.8	.8	1.2	.9	.2	.1						3.9	8.7
VARBL													
CALM												7.6	
	8.3	22.2	35.9	20.2	4.1	1.5	.2					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.8	1.7	.9	.1							5.2	7.5
NNE	.2	.8	.1	.1								1.2	5.5
NE	.1	.2	.1									.4	5.3
ENE	.1	.2	.3	.2	.1							1.0	9.9
E	.5	1.1	1.9	3.4	.5	.1	.1					7.7	10.8
ESE	1.8	5.4	18.0	15.8	.2	.2	.1					41.5	9.8
SE	.6	2.8	1.5	.4								5.4	6.3
SSE	.4	1.4	.9	.8	.2	.3						4.0	9.3
S	1.1	1.9	5.2	3.8	1.5	.3						13.8	10.5
SSW		.5	.8	.3		.3						1.9	10.8
SW	.4	.2	.2									.9	4.8
WSW	.1	.2	.2	.2								.8	7.6
W	.2	.6	.3	.5								1.7	7.8
WNW	.1	.5	.2	.1	.1							1.1	7.5
NW		.5	.3	.3								1.2	8.1
NNW	.1	1.5	1.9	.5								4.1	7.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	8.3	
	6.6	19.8	33.7	27.4	2.8	1.3	.2					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.5	1.6	.5								4.9	6.2
NNE	.1	.8	.4	.1								1.4	6.5
NE	.2		.2									.4	5.0
ENE	.1	.1	.1									.3	5.3
E	.9	1.7	1.7	3.1	1.5	.1	.2					9.2	11.2
ESE	1.5	4.3	16.0	19.9	1.0	.1						42.8	10.5
SE	.8	1.8	1.1	.4	.1							4.2	6.4
SSE	.9	1.3	1.6	.5	.9							5.2	8.5
S	.8	1.9	3.5	4.0	2.2	.4						12.8	11.3
SSW	.2	.3	.5	.2								1.3	7.1
SW	.4	.5	.2	.2								1.4	5.8
WSW	.2	.2	.3	.2								1.0	6.8
W	.2	.2	.3	.3								1.1	7.1
WNW	.1	.4	.3	.1								1.0	6.7
NW	.1	1.1	.6		.1							1.9	6.6
NNW	.8	2.0	1.6	.1		.1						4.6	6.4
VARBL													
CALM												6.5	
	8.5	18.3	30.3	29.8	5.7	.8	.2					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) MAR (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	2.3	1.9	1.3	.1							6.6	7.4
NNE	.3	.6	.1									1.1	4.7
NE	.3	.1	.1									.5	3.6
ENE	.2	.1	.1	.1	.1	.1						.8	10.7
E	.6	1.8	2.9	2.3	.4	.3	.4					8.8	10.7
ESE	.9	4.7	12.5	9.4	.5							28.0	9.6
SE	1.2	1.7	1.2	.4								4.5	5.8
SSE	.2	1.2	1.8	.6								3.9	7.9
S	.4	2.5	4.0	6.5	2.6	.9	.2					17.0	12.2
SSW	.6	1.9	1.9	.9	.1	.1						5.6	7.7
SW	.3	.8	.6	.3								2.0	6.5
WSW	.2	.6	.5	.1	.1							1.6	6.9
W	.5	1.0	.9	.5		.1						3.0	7.6
WNW	.5	.3	.3	.1								1.3	5.7
NW	.1	1.2	.5	.4	.3							2.6	8.7
NNW	.4	1.9	1.9	1.5	.1							5.9	8.4
VARBL													
CALM												6.9	
	8.0	22.8	31.4	24.4	4.4	1.5	.6					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) | HILL AFB/OGDEN UTAH (STATION NAME) | 67-70, 73-78 (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	1.1	2.4	2.4	.6	.3							6.8	7.0
NNE		.2	.4									.6	6.8
NE	.1	.4										.5	4.0
ENE		.3	.1	.1	.1							.6	9.0
E	1.1	1.1	1.4	1.3	.4	.4		.1				5.8	10.1
ESE	1.3	1.7	.9	.2	.1							4.2	5.9
SE	1.0	.9	.3									2.2	4.4
SSE	1.1	.6	1.3	.9								3.9	7.1
S	.9	2.3	5.8	5.6	3.3	.9	.3					19.0	12.1
SSW	1.0	3.2	3.4	2.5	.4	.1						10.6	8.4
SW	.5	2.7	1.2	.6								5.1	6.7
WSW	1.2	1.3	.9	.3								3.7	5.5
W	1.2	2.8	3.4	1.3	.3							9.0	7.6
WNW	1.0	2.2	1.6	.4	.1	.1						5.4	6.8
NW	1.1	2.0	2.7	.4								6.2	6.7
NNW	1.1	2.8	2.8	1.9	.1							8.7	7.7
VARBL													
CALM												7.6	
	13.4	26.9	28.6	16.2	5.3	1.5	.3	.1				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	1.3	3.3	3.9	1.3	.1	.1						10.0	7.4
NNE	.3	1.3	.5	.1								2.3	5.4
NE	.3		.1	.1								.5	5.8
ENE	.3	.5		.4		.1						1.4	7.8
E	.9	.4	1.2	.8	.4	.1						3.8	9.6
ESE	.6	.6	.9	.2								2.4	6.0
SE	.6	1.0	.4									2.0	4.7
SSE	.3	.6	.9	.3								2.2	7.5
S	.6	2.5	4.1	4.8	1.2	.4	.1					13.8	11.2
SSW	1.1	2.3	1.4	2.0	.5	.3						7.6	9.4
SW	.5	2.4	1.4	.9	.2	.1						5.5	7.8
WSW	.6	1.9	2.4	.2								5.2	6.4
W	1.4	3.0	3.0	.6								9.1	6.2
WNW	1.0	2.9	1.3	.9	.3							6.3	7.1
NW	1.5	3.7	1.4	1.1	.1							7.7	6.4
NNW	1.1	5.8	3.0	1.5	.5							11.9	7.4
VARBL													
CALM												9.4	
	12.6	32.3	25.8	15.3	3.4	1.2	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	1.7	4.3	3.7	.8	.6	.1	.1					11.3	7.4
NNE	.4	.8	.3									1.5	4.6
NE	.2	.5	.3									1.1	4.9
ENE	.3	.5	.3	.2								1.4	6.8
E	1.4	1.6	1.4	.8	.6	.1						5.9	7.9
ESE	1.5	4.5	3.2	.4	.1							9.8	6.4
SE	1.0	1.6	.3	.1								3.0	4.5
SSE	1.0	2.9	1.6	.2	.1							5.8	5.7
S	1.5	3.1	3.9	4.2	1.8	.3						14.8	10.2
SSW	.6	1.9	.5	.9	.2							4.2	7.3
SW	1.3	1.1	.2	.1								2.7	3.9
WSW	.8	.6	.4									1.8	4.8
W	1.3	.5	.4	.1								2.4	4.5
WNW	.3	.5	.1	.3	.1							1.4	7.5
NW	1.5	1.6	.8	.3								4.2	5.3
NNW	2.6	4.1	2.4	1.4	.4	.1						11.0	6.8
VARBL													
CALM												17.7	
	17.4	30.3	19.9	9.8	4.1	.6	.1					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.7	1.8	.9								5.8	6.5
NNE	.6	.8	.1									1.5	4.0
NE	.1	.5	.5									1.2	6.0
ENE	.6	.4	.6	.3	.2	.1						2.4	8.9
E	1.1	2.3	2.0	1.0	.6	.2						7.2	8.6
ESE	2.6	10.2	14.9	2.7	.1							30.5	7.3
SE	1.1	3.8	1.5	.1								6.5	5.3
SSE	.9	1.7	1.7	.9	.3	.2						5.7	8.5
S	.9	2.9	4.2	4.6	1.1	.5						14.2	10.4
SSW	.1	.9	.4	.6		.1						2.2	8.4
SW	.3	.3	.1		.1							.9	6.4
WSW		.6	.1	.1								.9	5.9
W	.2	.3	.2	.3								1.1	8.1
WNW	.1	.3	.2	.1								.8	6.6
NW		.4	.4	.1	.1							1.1	8.2
NNW	.8	1.7	1.0	1.2	.3	.1						5.1	8.4
VARBL													
CALM												13.2	
	10.8	28.9	30.0	12.9	2.9	1.3						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	1.1	2.3	2.4	.8	.2	.0	.0					6.9	7.2
NNE	.3	.7	.3	.1								1.3	5.2
NE	.2	.2	.2	.0								.7	5.3
ENE	.2	.3	.2	.2	.1	.0						1.1	8.4
E	.8	1.4	1.9	1.8	.7	.2	.1	.0				7.0	10.3
ESE	1.5	5.1	10.9	7.3	.3	.0	.0					25.2	9.0
SE	.9	1.9	.9	.2	.0							4.0	5.6
SSE	.6	1.4	1.4	.6	.2	.1						4.2	7.7
S	.9	2.4	4.3	4.8	1.9	.5	.1					15.0	11.2
SSW	.6	1.5	1.2	1.0	.2	.1						4.6	8.4
SW	.5	1.0	.5	.3	.0	.0						2.4	6.4
WSW	.4	.7	.6	.1	.0							1.9	6.1
W	.7	1.1	1.2	.5	.0	.0						3.5	6.9
WNW	.4	1.0	.6	.3	.1	.0						2.3	6.8
NW	.6	1.4	.9	.4	.1							3.3	6.8
NNW	.9	2.6	2.0	1.1	.2	.1						6.9	7.5
VARBL													
CALM												9.7	
	10.7	25.2	29.4	19.5	4.1	1.2	.2	.0				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.7	1.2	.8	.1	.1						4.8	7.3
NNE	.6	.3		.1								1.0	4.3
NE	.1	.4		.1								.7	6.0
ENE	.2	.6	.4	.1	.1							1.4	7.5
E	.8	1.2	2.7	2.2	.1							7.0	9.0
ESE	2.1	7.7	18.1	9.3	.1							37.3	8.6
SE	.8	2.7	2.3	.1								5.9	6.0
SSE	.3	1.9	2.0	.7								4.9	7.5
S	.3	2.6	2.7	3.6	.4							9.6	9.7
SSW	.2	.9	.4	.3	.1							2.0	7.4
SW	.3	.4	.4	.1	.1							1.4	7.1
WSW	.4	.4	.3									1.2	4.8
W	.3	.3	1.0	.7	.3							2.7	9.5
WNW	.2	.3	.2	.1								.9	6.1
NW	1.1	1.2	.9	.3								3.6	5.6
NNW	1.1	1.0	1.3	.7	.1							4.2	7.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	11.4	
	9.9	23.7	34.1	19.2	1.6	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	1.1	1.8	1.2	.1								4.2	5.7
NNE	.3	.2										.6	2.8
NE	.6	.3		.1								1.0	3.8
ENE	.6	.2	.4	.3	.2							1.8	8.2
E	.7	1.4	2.8	3.7	.7	.1						9.3	10.6
ESE	.7	4.8	15.0	14.1	.1	.2						34.9	9.8
SE	1.1	2.7	1.2	.4								5.4	5.8
SSE	.4	1.8	1.4	.6	.1	.1						4.4	7.8
S	.6	3.6	4.7	2.4	.3	.3						11.9	9.1
SSW	.6	1.4	.4	.1	.1	.1						2.8	6.6
SW	.1	.6			.2							.9	8.4
WSW	.3	.2	.1	.1								.8	5.6
W	.2	.2	.7	.7	.1							1.9	10.0
WNW	.2	.7	.4	.1								1.4	6.4
NW	.9	1.0	.7	.2								2.8	5.6
NNW	1.0	1.3	1.8	.8	.1							5.0	7.3
VARBL													
CALM												10.9	
	9.3	22.2	30.9	23.8	2.0	.9						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	.8	2.1	1.1	.9								4.9	6.8
NNE	.2	.6	.2									1.0	4.8
NE	.8	.2										1.0	2.7
ENE	.6	.3	.6	.1	.1		.1					1.8	8.4
E	.1	1.1	2.6	4.9	.9	.7	.1					10.3	12.4
ESE	1.1	4.8	13.3	13.2	1.2							33.7	10.2
SE	1.4	2.2	1.7	.6								5.9	6.1
SSE	.1	1.7	1.3	.9	.1							4.1	8.0
S	.7	2.7	3.7	3.9	.4	.2						11.6	9.6
SSW	.2	.6	1.0	.2	.4	.1						2.6	10.1
SW	.3		.2									.6	4.8
WSW	.1	.3	.3	.7								1.4	9.5
W	.4	.8	.8	.7	.1							2.8	8.6
WNW	.4	.4	.6	.2								1.7	6.3
NW	.4	.9	.8	.1								2.2	6.6
NNW	.8	2.1	1.2	1.1	.1		.1					5.4	7.9
VARBL													
CALM												9.1	
	8.6	20.8	29.3	27.4	3.4	1.0	.3					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.2	2.2	1.3								7.1	7.1
NNE	.1	.9	.1									1.1	4.9
NE	.6	.3										.9	3.3
ENE	.2	.4	.2	.1	.1	.1	.1					1.3	10.6
E	.9	2.3	2.7	3.6	1.1	.3	.1	.2				11.2	11.2
ESE	.7	3.3	5.2	3.3	.3							12.9	8.8
SE	.9	1.2	1.2	.6								3.9	6.6
SSE	.8	1.3	1.7	.8	.4	.1						5.1	8.7
S	1.2	2.3	5.2	5.6	2.8	.4						17.5	11.4
SSW	1.7	1.8	2.2	1.0	.4	.1						7.2	7.8
SW	.7	.6	.9	.7	.1							2.9	7.6
WSW	.1	.7	1.6	.6								2.9	8.5
W	1.1	.9	2.0	.8	.1							4.9	7.3
WNW	.6	1.2	.4	.1								2.3	5.2
NW	.4	1.6	1.0	.6	.1							3.7	7.1
NNW	1.0	1.8	1.4	2.0	.3							6.6	8.7
VARBL													
CALM												8.3	
	12.2	22.9	28.1	20.9	5.9	1.1	.2	.2				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	.6	2.6	2.3	1.4	.1							7.0	7.9
NNE	.4	.3	.1									.9	3.8
NE	.1	.6			.1	.1						.9	8.6
ENE	.4	.4	.6	.1	.2							1.8	7.7
E	.7	.7	1.3	.4	.3	.2						3.7	9.2
ESE	.6	.8	.2	.1	.1	.1						1.9	7.4
SE	.4	1.1	.6	.1	.1							2.3	6.5
SSE	.1	1.0	1.0	1.0	.3	.1						3.6	9.7
S	.7	3.0	3.4	4.0	3.2	.9						15.2	12.0
SSW	.8	2.9	3.0	1.6	1.0	.3						9.6	9.4
SW	1.0	3.8	2.7	1.3	.3							9.1	7.6
WSW	.2	1.6	2.1	1.9	.1							5.9	8.9
W	1.8	3.2	3.4	1.3	.3							10.1	7.4
WNW	.9	2.9	2.1	.7								6.6	6.6
NW	.9	3.3	2.0	.6								6.8	6.5
NNW	1.2	1.3	3.0	1.7	.3							7.6	8.4
VARBL													
CALM												7.2	
	10.8	29.4	27.9	16.2	6.7	1.8						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-A) JUL 68 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.8	2.6	1.2	.1							7.9	6.9
NNE	.6	.9	.8	.1								2.3	5.9
NE	.3	1.0	.2		.1							1.7	5.9
ENE	.1	.2	.2	.2	.2							1.0	10.7
E	.3	1.0	1.0	.2	.2							2.8	7.6
ESE	.7	.6	.3	.2	.1							1.9	6.4
SE	.4	.8	.4	.1	.1		.1					2.0	7.8
SSE	.3	1.1	.7	1.1	.3	.1						3.7	9.7
S	.8	3.3	3.6	2.7	2.7	.3						13.3	10.7
SSW	1.0	2.8	2.0	1.2	.2	.3						7.6	8.0
SW	1.1	3.0	2.3	.8	.3	.1						7.7	7.5
WSW	1.2	2.0	1.0	.8	.1	.2						5.3	7.2
W	1.7	4.9	4.6	2.0	.4							13.6	7.6
WNW	1.1	2.9	1.9	.6	.2							6.7	6.8
NW	1.3	2.4	2.3	.8	.1							7.0	6.9
NNW	1.1	1.8	3.3	1.4								7.7	8.0
VARBL													
CALM												8.0	
	13.3	31.4	27.2	13.4	5.3	1.1	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	4.3	3.1	.7	.1							11.1	5.9
NNE	.6	1.1	.7	.1	.1							2.6	6.3
NE	.2	.8	.1	.1	.1							1.3	6.3
ENE	.8	.3	.3	.1	.2							1.8	6.6
E	1.6	1.9	1.2	.6								5.2	5.8
ESE	2.1	3.4	1.8	.6								7.9	5.5
SE	2.3	3.0	.9	.2		.1						6.6	4.9
SSE	1.0	3.0	1.6	.7	.4	.1	.1					6.9	7.6
S	1.4	4.0	3.9	2.6	.6							12.4	8.0
SSW	1.0	1.7	.9	.7	.2							4.4	7.2
SW	1.1	.8	.2	.2	.1							2.4	5.3
WSW	.9	1.1	.3	.3	.2							2.9	6.5
W	.6	1.2	.9	.6	.1							3.3	7.0
WNW	.7	.7	.4	.1	.1							2.0	6.0
NW	.3	1.1	.6	.3	.1							2.4	7.2
NNW	1.4	2.2	1.8	1.1	.4	.2	.1					7.3	8.3
VARBL													
CALM												19.3	
	18.9	30.7	18.7	8.9	2.9	.4	.2					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.1	1.1	.2	.2							4.7	6.6
NNE	.6	.3	.3									1.2	4.2
NE		.1	.3	.2								.7	9.5
ENE	.9	.3	.3	.1	.1							1.8	5.9
E	1.4	3.1	3.1	1.3	.1							9.1	6.9
ESE	2.1	10.7	14.9	2.3	.1							30.1	7.1
SE	1.6	3.0	1.3	.4								6.3	5.6
SSE	.9	3.9	1.8	.8								7.3	6.3
S	.9	2.9	4.2	2.1	.2							10.3	8.4
SSW	.4	.4	.9	.6								2.3	7.9
SW	.1	.4	.2	.3								1.1	7.8
WSW	.1	.3	.1	.1	.1							.8	8.9
W	.6	.6	.6	.4								2.1	6.6
WNW	.4	.4	.3									1.2	4.8
NW	.2	1.2	.8	.1								2.3	6.3
NNW	.8	2.0	1.1	1.3	.3							5.6	7.9
VARBL													
CALM												13.0	
	12.0	31.9	31.4	10.4	1.2							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	1.2	2.4	1.9	.8	.1	.0						6.5	6.7
NNE	.4	.6	.3	.0	.0							1.3	5.1
NE	.3	.5	.1	.1	.0	.0						1.0	5.6
ENE	.5	.4	.4	.2	.2	.0	.0					1.6	8.0
E	.8	1.6	2.2	2.1	.4	.2	.0	.0				7.3	9.6
ESE	1.3	4.5	8.6	5.4	.3	.0						20.1	8.7
SE	1.1	2.1	1.2	.3	.0	.0	.0					4.8	5.9
SSE	.5	2.0	1.4	.8	.2	.1	.0					5.0	7.9
S	.8	3.0	3.9	3.3	1.3	.3						12.7	10.0
SSW	.7	1.6	1.4	.7	.3	.1						4.8	8.2
SW	.6	1.2	.9	.4	.2	.0						3.3	7.3
WSW	.4	.8	.7	.6	.1	.0						2.7	7.8
W	.8	1.5	1.7	.9	.2							5.2	7.7
WNW	.6	1.2	.8	.2	.0							2.8	6.3
NW	.7	1.6	1.1	.4	.0							3.8	6.5
NNW	1.1	1.7	1.9	1.3	.2	.0	.0					6.2	8.0
VARBL													
CALM												10.9	
	11.9	26.6	28.5	17.5	3.6	.8	.1	.0				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	3.0	1.9	.5								6.1	6.6
NNE	.4	.8	.5									1.7	5.4
NE	.5	.2	.3	.2								1.3	6.2
ENE	.5	.6	1.1	.2								2.5	6.8
E	.5	1.3	3.8	3.3	.4	.5						9.9	10.7
ESE	.6	8.3	25.5	11.6	.2							46.2	9.1
SE	1.1	3.7	1.7	.2								6.7	5.7
SSE	.6	1.6	1.7	.2								4.2	6.4
S	.3	1.0	3.1	2.2	.5							7.1	9.9
SSW		.3	.8	.2								1.3	8.3
SW	.3	.6	.2									1.2	4.9
WSW	.1	.2	.1	.2								.6	8.5
W	.1	.3	.1	.1	.1							.8	8.4
WNW	.1	.2	.3	.1	.1							.9	8.4
NW	.2	.4	.8									1.4	6.2
NNW	.8	1.3	.6	.3								3.0	5.6
VARBL													
CALM												5.2	
	7.0	23.9	42.6	19.5	1.4	.5						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.8	1.2	.4								3.7	6.3
NNE	.4	.4	.1									1.0	4.0
NE	.2	.2	.2	.1								.8	5.7
ENE	.1		.5	.6								1.3	9.6
E	.9	1.7	2.4	2.7	.6	.1	.2					8.6	10.5
ESE	1.4	5.8	20.4	22.4	1.1							51.1	10.3
SE	.8	2.9	1.2	.5								5.4	6.0
SSE	.4	2.4	1.2	.1								4.1	5.9
S	.1	1.9	3.3	2.0	.3	.1						7.8	9.1
SSW	.5	.8	.9	.1								2.3	5.7
SW		.1	.2	.1								.4	9.0
WSW	.4	.1	.2	.1	.2							1.1	8.5
W	.2	.4	.2									.9	5.3
WNW	.1	.3		.1								.5	6.2
NW	.2	.5	.3									1.1	5.2
NNW	.3	1.2	1.4	.2								3.1	7.1
VARBL													
CALM												7.0	
	7.4	19.6	33.8	29.6	2.3	.2	.2					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.8	1.7	1.1								5.8	6.9
NNE	.6	.3	.1									1.2	3.5
NE	.5	.2	.2	.2								1.2	5.9
ENE	.3	.4	.2	.2			.1					1.3	8.3
E	.5	2.8	2.5	4.1	1.7	.3						11.9	10.9
ESE	1.7	5.4	19.9	21.4	1.2							49.6	10.3
SE	.9	1.3	1.1	.9								4.1	6.9
SSE	.4	1.6	1.7	.3								4.1	6.7
S	.3	1.8	3.7	2.3	.2	.1						8.4	9.1
SSW	.1	.5	.5	.2								1.4	7.5
SW	.3	.1	.1	.2								.8	6.9
WSW	.1	.3		.3								.8	8.6
W	.2	.4	.4	.3								1.4	7.5
WNW	.1	.3										.4	4.0
NW	.1	.6	.3									1.1	6.4
NNW	.5	.8	1.0	.4								2.7	7.3
VARBL													
CALM												3.9	
	8.2	18.8	33.5	32.0	3.1	.4	.1					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) MAY (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	3.0	2.4	.4	.1							7.2	6.2
NNE	1.0	1.1	.3									2.4	4.5
NE	.9	.4	.2	.1								1.6	4.3
ENE	.4	.5	.8	.2	.1	.1						2.2	8.3
E	1.9	2.7	2.8	3.0	.9	.2						11.5	9.0
ESE	1.6	2.9	5.8	1.7	.1							12.2	7.5
SE	.5	1.7	.5									2.8	5.3
SSE	.6	.8	1.2	.4								3.0	7.1
S	1.1	3.3	4.3	4.9	1.4	.4						15.5	10.2
SSW	.3	3.0	2.4	.5	.3	.1						6.7	7.6
SW	1.0	1.7	1.8	.9	.1							5.5	7.1
WSW	.3	.8	1.0	.4								2.5	7.3
W	1.3	1.2	1.0	.6	.1							4.2	6.4
WNW	.3	1.8	.6	.3								3.1	6.2
NW	.4	1.8	1.3									3.5	6.0
NNW	.6	2.3	1.4	.9								5.2	7.3
VARBL													
CALM												11.1	
	13.7	29.0	27.7	14.5	3.1	.9						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 93.

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	.8	3.5	2.6	1.5								8.4	7.0
NNE	.4	.4	.2	.1								1.2	4.9
NE	.8	.6	.3									1.7	4.4
ENE	.3	.8	.2	.5	.1							1.9	8.0
E	.2	.4	1.2	.4								2.3	8.4
ESE	.1	.3	.4	.3								1.2	8.3
SE	.2	.4	.1									.8	4.7
SSE	.5	.3	.3	.3	.1							1.6	7.5
S	.9	2.6	4.0	3.0	.9	.3						11.6	9.6
SSW	1.1	2.8	2.9	1.5	.5	.1						8.9	8.3
SW	1.6	4.5	2.4	1.0	.6							10.1	7.0
WSW	1.1	1.6	3.0	.8	.1							6.6	7.5
W	2.0	5.1	5.1	1.1	.1							13.3	6.6
WNW	1.8	4.1	3.0	.8	.2							9.9	6.4
NW	1.4	2.7	2.6	.6	.1							7.4	6.4
NNW	.4	2.4	3.5	.8	.1							7.2	7.6
VARBL													
CALM												5.9	
	13.7	32.6	31.8	12.7	2.9	.4						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	2.3	3.1	3.0	1.4	.4							10.2	7.1
NNE	.2	.9	.4	.1								1.6	6.4
NE	.8	.3	.2	.3								1.6	5.7
ENE	.1	.1	.2	.2								.6	8.0
E	.4	.3	1.4	.5								2.7	8.6
ESE	.2	.4	.4	.3	.1							1.5	8.0
SE	.3	.6	.4	.1								1.5	5.6
SSE		.6	.6	.2	.1		.1					1.7	9.8
S	.2	1.7	2.9	1.2	.9	.2						7.1	10.0
SSW	.6	1.8	2.5	1.5	.4	.1						7.0	9.0
SW	.5	1.7	2.2	.2	.4	.1						5.2	8.2
WSW	.8	2.7	2.5	.8		.1						6.8	7.0
W	2.4	5.0	4.4	1.4		.1						13.2	6.6
WNW	1.6	4.5	2.7	.5								9.4	6.0
NW	2.2	3.4	3.2	.4	.1							9.4	5.0
NNW	1.4	4.5	3.1	1.4	.3	.1						10.9	7.4
VARBL													
CALM												9.6	
	14.0	31.9	30.2	10.7	2.8	.8	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	4.8	3.1	1.9	.4	.1						13.3	7.1
NNE	1.1	1.0	.8	.2								3.0	5.4
NE	.5	1.2	.5	.1								2.4	5.7
ENE	.5		.3	.2								1.1	5.9
E	.8	1.6	.6	.5	.2							3.8	6.8
ESE	.8	3.2	1.4	.8								6.1	6.4
SE	1.0	1.5	.6	.1	.1							3.3	5.3
SSE	1.2	1.9	1.1	.1		.2	.1					4.6	6.9
S	1.1	2.8	3.4	1.8	.2	.1	.1					9.6	8.4
SSW	.5	1.8	1.3	.5	.3	.1						4.6	7.9
SW	1.1	1.2	.6	.3	.1	.1						3.4	6.5
WSW	1.6	1.2	.3	.3	.1							3.5	5.2
W	1.4	1.8	1.5	.4		.1						5.3	6.4
WNW	.8	1.4	.2	.2		.1						2.7	5.8
NW	1.6	1.1	1.7	.2		.3						4.9	6.7
NNW	2.0	4.8	2.2	1.0	.8	.3	.2					11.3	7.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	17.0	
	18.8	31.4	19.8	8.8	2.3	1.5	.4					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	.8	2.2	1.6	.6	.2							5.4	7.3
NNE	.9	1.2	.2									2.3	4.3
NE	.4	.5	1.2									2.2	6.3
ENE	.5	.4	.6	.3		.1						2.0	7.5
E	1.5	2.8	3.2	1.9	.6	.1						10.2	8.3
ESE	2.4	12.2	18.1	2.6								35.2	7.2
SE	1.3	2.7	1.9	.1								6.0	5.5
SSE	.5	2.0	1.5	.2								4.3	6.2
S	.4	1.9	3.5	1.2	.5	.2						7.8	9.4
SSW	.2	.3	.3	.1		.1						1.1	8.2
SW	.1	.3	.1	.2								.8	7.7
WSW			.3	.2								.5	10.4
W		.8	.1		.2							1.1	8.0
WNW	.3	.5	.2	.3								1.4	7.0
NW	.5	1.0	.9	.2	.1							2.7	6.5
NNW	.9	2.4	1.4	.5	.4	.1						5.7	7.9
VARBL													
CALM												11.4	
	10.8	31.2	35.3	8.6	2.2	.6						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	1.4	2.8	2.2	1.0	.1	.0						7.5	6.9
NNE	.6	.8	.3	.1								1.8	4.9
NE	.6	.5	.4	.1								1.6	5.5
ENE	.4	.4	.5	.3	.0	.0	.0					1.6	7.7
E	.8	1.7	2.2	2.1	.6	.2	.0					7.6	9.6
ESE	1.1	4.8	11.5	7.6	.3							25.4	9.2
SE	.8	1.9	1.0	.2	.0							3.8	5.8
SSE	.6	1.4	1.2	.2	.0	.0	.0					3.5	6.8
S	.6	2.1	3.5	2.3	.6	.2	.0					9.4	9.5
SSW	.4	1.4	1.4	.6	.2	.1						4.2	8.0
SW	.6	1.3	1.0	.4	.2	.0						3.4	7.1
WSW	.6	.9	.9	.4	.1	.0						2.8	7.1
W	1.0	1.9	1.6	.5	.1	.0						5.0	6.6
WNW	.6	1.7	.9	.3	.0	.0						3.5	6.2
NW	.8	1.5	1.4	.2	.0	.0						3.9	6.2
NNW	.9	2.4	1.8	.7	.2	.1	.0					6.1	7.4
VARBL													
CALM												8.9	
	11.7	27.3	31.8	17.0	2.5	.7	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 7438

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.7	.4	.4								4.2	5.8
NNE	.9	.2	.4	.1								1.7	4.4
NE	.2	.2		.1								.6	6.0
ENE	.6		.9	.4								1.9	7.9
E	1.4	1.4	4.8	2.4	.1							10.2	8.5
ESE	1.9	7.8	25.4	18.1	.1	.1						53.4	9.5
SE	1.2	3.7	2.0	.4								7.3	5.9
SSE	.2	1.2	1.0									2.4	6.2
S	.6	1.7	2.3	1.3	.1							6.0	8.3
SSW	.3	.4	.4									1.2	5.6
SW	.1	.1										.2	4.0
WSW	.1	.3										.4	3.8
W		.2										.2	6.0
WNW	.2	.3	.1									.7	4.7
NW	.9	.4		.1								1.4	3.7
NNW	.2	.4	.9	.3								1.9	8.2
VARBL													
CALM												6.1	
	9.6	21.2	38.8	23.9	.3	.1						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	.7	.6	.4	.1								1.8	5.4
NNE	.7	.2										.9	3.0
NE	.3	.1	.1									.6	3.8
ENE	.4	.4	.2	.2								1.3	5.4
E	.9	.7	2.7	4.9	.4							9.6	10.6
ESE	1.4	7.6	24.7	27.3	1.4							62.4	10.3
SE	.7	3.1	2.0	.3								6.1	6.2
SSE	.3	1.2	.9	.1								2.6	6.1
S	.2	.9	3.0	.9								5.0	8.8
SSW	.1	.7	.4	.1								1.3	6.0
SW	.2	.1		.1								.4	6.0
WSW	.2	.2	.2									.7	4.8
W	.1	.3	.2									.7	5.3
WNW	.2	.1										.3	2.7
NW	.2	.1	.3									.7	5.2
NNW	.3	.4	.4	.2								1.4	6.8
VARBL													
CALM												4.2	
	7.1	16.8	35.7	34.3	1.9							100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101	HILL AFB/OGDEN UTAH	67-70,73-78	JUN
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	1.6	1.1									3.2	5.7
NNE	.1	.2	.1									.4	5.0
NE	.2		.1									.3	4.0
ENE	.1	.3		.3								.8	8.6
E	1.0	2.4	4.1	5.7	.7							13.9	9.9
ESE	.7	6.2	20.7	28.2	2.4							58.2	10.9
SE	1.2	1.3	1.0	.6								4.1	6.2
SSE	.4	.6	1.3	.4								2.8	7.4
S	.6	.6	2.9	1.2	.1							5.3	8.9
SSW	.2	.6	.3									1.1	5.6
SW		.3										.3	5.3
WSW			.3	.1								.4	9.8
W	.2	.7	.6	.1	.1							1.7	7.3
WNW	.1	.1										.2	4.0
NW	.4	.4										.9	3.5
NNW	.2	.6	.7									1.4	6.0
VARBL													
CALM												4.8	
	6.1	15.9	33.2	36.7	3.3							100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 44 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.4	1.0	.3								5.0	5.4
NNE	.7	.6	.1	.1								1.4	4.5
NE	1.6	.7	.1									2.3	3.6
ENE	.8	1.2	.4	.2								2.7	5.1
E	.8	3.3	6.6	3.0	.4							14.1	8.6
ESE	1.7	5.8	10.3	4.0	.1							21.9	8.1
SE	.7	.8	.4		.1							2.0	5.4
SSE	.4	.9	1.0	.9	.2	.1						3.6	9.2
S	.8	2.8	5.1	4.1	.6	.2						13.6	9.6
SSW	1.4	2.2	1.8	.8								6.2	6.5
SW	1.4	2.0	1.3	.3								5.1	5.7
WSW	.4	.7	.7									1.8	5.4
W	.9	1.9	1.1	.1								4.0	5.8
WNW	.3	1.1	.6	.2								2.2	6.5
NW	.6	1.4	.5	.3								2.9	6.3
NNW	.8	.9	1.4	.4								3.6	6.9
VARBL													
CALM												7.7	
	14.4	28.7	32.6	14.9	1.4	.3						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	1.9	3.7	2.2	.6								8.3	5.6
NNE	1.0	2.1	.3									3.4	4.3
NE	.6	.6	.3									1.4	4.5
ENE	1.7	.3	.1									2.1	3.1
E	.7	1.6	.6	.7	.2							3.7	7.2
ESE	.3	1.1	.1									1.6	4.5
SE	.9	.9	.3	.1								2.2	4.9
SSE	.2	1.0	1.6	.8	.1	.1						3.8	8.7
S	.7	4.7	3.8	3.3	1.4	.2						14.1	9.6
SSW	1.0	2.8	3.6	1.0	.2							8.6	7.5
SW	1.6	3.0	2.1	.8								7.4	6.4
WSW	.9	2.6	2.4	.2								6.1	6.3
W	.9	4.7	4.9	1.1		.1						11.7	7.0
WNW	.7	2.8	2.8	.2	.2							6.7	7.0
NW	1.1	2.8	1.1	.3								5.3	5.6
NNW	1.3	2.8	2.0	.4	.1							6.7	6.4
VARBL													
CALM												6.9	
	15.3	37.2	28.2	9.6	2.3	.4						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	6.0	4.1	.1								12.6	5.7
NNE	1.0	2.2	.3									3.6	4.3
NE	1.3	.9	.1	.1								2.4	3.6
ENE	.6	.4	.2									1.2	4.3
E	.8	1.2	.4	.4	.4							3.3	7.8
ESE	1.0	.8	.9		.1							2.8	5.6
SE	.3	1.0	.6									1.9	5.6
SSE	.1	.3	1.2	.4	.1							2.2	9.0
S	.7	2.7	2.6	1.4	.3							7.7	8.4
SSW	1.1	2.0	2.0	1.4								6.6	7.4
SW	.9	2.7	1.8	.4	.1	.1						6.0	6.9
WSW	.9	3.6	2.4	.7		.1						7.7	6.9
W	1.3	4.2	2.2	.7	.2							8.7	6.3
WNW	1.2	4.1	2.8	.6								8.7	6.2
NW	2.0	3.0	2.0	.2								7.2	5.3
NNW	1.8	4.6	3.2	.6								10.1	6.2
VARBL													
CALM												7.4	
	17.3	39.7	26.9	7.1	1.3	.2						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	4.8	5.9	3.6	.7	.2							15.1	5.4
NNE	2.0	.6	.2									2.8	3.5
NE	.9	.1	.1									1.1	2.6
ENE	1.6	1.0	.3									2.9	3.8
E	2.4	2.7	1.7	1.2	.1							8.1	6.4
ESE	2.0	5.7	2.0	.8								10.4	5.6
SE	1.6	1.9	.1	.2								3.8	4.5
SSE	1.1	2.1	.9	.2								4.3	5.1
S	1.2	3.1	1.9	1.0	.1							7.3	6.7
SSW	.9	1.7	1.1	.3	.1							4.1	6.6
SW	1.0	.8	.1	.3	.1							2.3	6.0
WSW	.3	.4	.4	.1								1.3	6.1
W	1.1	1.3	.6	.2								3.2	5.4
WNW	.9	.7	.1		.1							1.8	4.4
NW	.4	1.7	1.0	.6								3.7	6.7
NNW	1.4	4.6	2.6	.7								9.2	5.9
VARBL													
CALM												18.4	
	23.7	34.1	16.7	6.3	.8							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.4	3.0	1.0								7.8	6.9
NNE	.3	.4	.3									1.1	5.3
NE	.7	.3	.2									1.2	4.1
ENE	.7	.7	.4	.1								1.9	5.7
E	2.3	2.2	4.3	1.4	.4							10.8	7.7
ESE	3.1	11.3	24.8	4.8								44.0	7.6
SE	1.3	3.0	1.4	.1								5.9	5.2
SSE	.3	2.2	.9	.2								3.7	5.8
S	.4	1.6	2.2	1.6	.1							5.9	8.3
SSW	.1	.6	.1	.1								.9	5.4
SW	.4	.2	.1	.1								.9	5.6
WSW													
W		.6										.6	4.6
WNW	.2	.2	.3									.8	5.9
NW	.6	.4	.1	.1								1.2	5.0
NNW	.4	1.2	1.0	.8								3.4	7.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	10.0	
	12.3	27.4	39.3	10.3	.6							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.2	2.0	.4	.0							7.2	5.7
NNE	.8	.8	.2	.0								1.9	4.2
NE	.7	.4	.1	.0								1.2	3.8
ENE	.8	.6	.3	.2								1.8	5.1
E	1.3	1.9	3.1	2.5	.4							9.2	8.6
ESE	1.5	5.8	13.6	10.4	.5	.0						31.8	9.3
SE	1.0	2.0	1.0	.2	.0							4.2	5.6
SSE	.4	1.2	1.1	.4	.1	.0						3.2	7.1
S	.6	2.2	3.0	1.9	.3	.1						8.1	8.8
SSW	.7	1.4	1.2	.5	.0							3.7	6.9
SW	.7	1.2	.7	.3	.0	.0						2.8	6.2
WSW	.4	1.0	.8	.1		.0						2.3	6.4
W	.6	1.7	1.2	.3	.0	.0						3.8	6.4
WNW	.5	1.2	.8	.1	.0							2.7	6.2
NW	.8	1.3	.6	.2								2.9	5.5
NNW	.8	1.9	1.5	.4	.0							4.7	6.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	8.2	
	13.2	27.6	31.4	17.9	1.5	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.6	.5	.2								2.2	5.6
NNE	.2	.4	.1									.8	4.9
NE	.2	.4	.2	.1								1.0	6.4
ENE		.2	.6	.5								1.4	9.6
E	.1	1.8	4.1	4.4	.6							11.1	10.8
ESE	.8	7.3	26.5	23.5	.4							58.5	10.0
SE	.6	1.4	2.4	1.3								5.7	7.8
SSE	.3	1.1	2.0	.6								4.1	8.1
S	.8	.9	4.0	1.3	.1							7.0	8.4
SSW	.4	.4	.5	.2	.1							1.7	7.2
SW	.1		.1									.2	5.5
WSW		.1										.1	4.0
W			.2									.2	7.0
WNW			.1									.1	8.0
NW		.5	.2									.8	5.3
NNW	.2	.4	.3	.1								1.1	6.4
VARBL													
CALM												4.2	
	4.5	15.7	41.9	32.4	1.3							100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.1	.3									1.0	5.1
NNE	.2	.1	.1									.4	4.0
NE	.2	.4	.1									.8	4.6
ENE	.1	.2	.4	.5								1.3	9.1
E	.9	1.5	2.8	4.7	.4							10.3	9.9
ESE	.9	5.5	22.6	33.7	2.3	.1						64.9	11.1
SE	.2	3.3	2.6	1.2								7.3	7.6
SSE	.3	.8	.8	.3								2.2	6.9
S	.1	1.7	2.9	1.5								6.2	8.7
SSW	.1	.1	.9	.1								1.2	8.5
SW	.1	.1										.2	4.0
WSW			.1									.1	8.0
W		.1										.1	4.0
WNW		.1	.1									.2	6.0
NW	.1	.3	.1									.5	4.8
NNW	.2	.1										.3	3.3
VARBL													
CALM												2.9	
	4.0	14.5	33.8	42.0	2.7	.1						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70, 73-78 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.2	.1									1.1	3.6
NNE													
NE	.1		.2									.3	6.7
ENE		.3	.3	.1								.8	8.3
E	.4	2.0	3.8	4.9	.1							11.3	10.2
ESE	.8	5.8	25.9	34.4	3.7	.1						70.6	11.1
SE	.5	1.1	1.9	1.5								5.1	8.6
SSE	.3	.6	.9	.6								2.5	8.0
S		.4	1.8	1.2	.1							3.5	10.0
SSW		.3	.1	.1								.5	7.0
SW			.1	.1								.2	10.5
WSW		.1	.1									.2	8.0
W	.3	.1										.4	2.8
WNW				.1								.1	12.0
NW			.1									.1	7.0
NNW	.1	.3	.2									.6	6.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	2.6	
	3.3	11.4	35.6	43.1	3.9	.1						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	1.1	1.6	.3									3.0	4.3
NNE	.0	.4	.1									1.2	3.3
NE	1.3	.9										2.2	3.1
ENE	.4	.8	.2									1.4	4.5
E	2.5	4.7	6.8	3.0	.4							17.4	7.7
ESE	1.2	8.9	14.5	7.8	.2							32.7	8.6
SE	1.1	1.2	1.4	.2								3.9	5.9
SSE	.3	1.0	.9	.3	.3							2.8	8.6
S	1.1	4.4	5.3	4.4	.5	.1						15.8	9.1
SSW	.8	2.0	1.9	.9								5.6	7.2
SW	.5	1.0	.4									1.9	5.2
WSW	.3		.2									.5	4.8
W	.2	1.2	.5									1.9	5.4
WNW	.6	.5	.3									1.5	4.6
NW		.8	.1									.9	5.3
NNW	.8	1.0										1.7	3.7
VARBL													
CALM												5.6	
	12.8	30.3	33.0	16.7	1.5	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	2.4	5.8	1.6	.3								10.1	5.1
NNE	1.7	2.3	.2									4.2	4.1
NE	1.6	1.3	.1									3.0	3.5
ENE	.4	1.0	.1									1.5	4.4
E	.5	1.5	1.5	.4								4.0	7.0
ESE	.8	1.1	.4	.1								2.4	4.8
SE	.5	1.0	.3									1.8	4.7
SSE	.4	1.3	1.0	.2	.1							3.0	6.8
S	1.9	4.3	4.5	2.6	1.1	.1						14.5	8.4
SSW	.9	4.4	2.8	.8		.1						8.9	6.8
SW	1.3	4.8	2.2	.2								8.5	5.5
WSW	.5	2.6	1.4	.2								4.7	6.1
W	1.3	4.0	2.0	.1								8.0	5.9
WNW	1.2	2.0	1.7									4.9	5.6
NW	1.5	2.2	1.0									4.6	5.0
NNW	.9	2.6	1.8	.2								5.5	5.7
VARBL													
CALM												10.3	
	17.8	42.0	23.2	5.2	1.2	.2						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.4	9.8	2.9	.2	.1							16.5	5.1
NNE	1.3	2.3	.1									3.7	4.0
NE	1.2	1.0	.4									2.6	3.9
ENE	.8	.3	.2									1.3	3.8
E	.4	1.2	1.2	.3								3.1	6.9
ESE	.2	.5		.2	.1							1.1	7.4
SE	.3	.2	.2	.2	.1							1.1	7.3
SSE	.2	.1	.8	.4	.1							1.6	9.4
S	1.4	2.2	2.3	2.0	.1	.2	.1					8.3	8.6
SSW	1.0	1.5	1.2	.3	.3	.1						4.4	7.5
SW	1.0	2.7	1.2	.6		.1						5.6	6.8
WSW	.6	1.9	.8									3.3	5.4
W	2.7	5.6	3.3	.2								11.8	5.5
WNW	1.3	3.9	2.0	.1								7.3	5.5
NW	1.9	4.7	1.7									8.4	4.9
NNW	2.0	5.3	2.6									9.9	5.3
VARBL													
CALM												10.1	
	19.8	43.1	20.9	4.7	.9	.4	.1					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	6.9	4.5	1.8	.5								13.8	4.4
NNE	1.4	1.2	.2	.1								2.9	3.8
NE	1.2	.3	.1	.1								1.7	3.4
ENE	1.4	.1	.2	.1	.1							1.9	4.7
E	2.4	1.6	1.2	1.4	.1							6.7	6.5
ESE	2.4	4.9	3.8	.5	.2							11.8	6.3
SE	1.7	.8	.2	.1								2.8	3.8
SSE	.9	1.8	.8	1.2	.1							4.7	7.5
S	.5	2.2	2.5	1.9	.4		.1					7.6	9.5
SSW	.6	1.2	.8	.8		.1						3.4	7.4
SW	.6		.3		.1							1.1	5.9
WSW	.2	.1	.4	.1								.9	6.8
W	.8	1.7	.3		.1	.1						3.0	5.8
WNW	.3	1.1	.5	.1			.1					2.2	7.1
NW	.8	1.0	.6	.1								2.5	5.6
NNW	2.7	4.2	1.4	.9	.2							9.4	5.5
VARBL													
CALM												23.7	
	24.7	26.7	15.2	8.0	1.4	.2	.2					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 10-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.0	1.4	.6								3.7	7.2
NNE	.1	.3	.2	.2								.9	8.1
NE	.1	.3	.2									.6	5.8
ENE	.3	1.1	.8	.1								2.3	6.4
E	1.7	2.6	3.4	3.2	.5							11.5	8.7
ESE	1.8	12.0	28.4	7.7								50.0	8.1
SE	.5	2.0	2.2	.2								4.9	6.4
SSE	.6	2.3	2.2	.4	.1							5.6	6.8
S	.2	2.3	3.2	2.3	.4	.1						8.5	9.6
SSW		.5	.4	.4								1.4	8.0
SW	.1											.1	1.0
WSW		.3										.3	4.7
W		.2	.1	.4								.8	10.3
WNW		.2	.1									.3	6.7
NW	.2	.3	.3									.9	5.8
NNW	.2	.1	.9	.4		.2						1.8	10.3
VARBL													
CALM												6.5	
	6.7	25.6	43.8	16.1	1.1	.3						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	3.0	1.1	.2	.0							6.4	5.0
NNE	.7	.9	.1	.0								1.7	4.2
NE	.7	.6	.2	.0								1.5	4.0
ENE	.4	.5	.4	.2	.0							1.5	6.1
E	1.1	2.1	3.1	2.8	.3							9.4	8.8
ESE	1.1	5.8	15.3	13.5	.9	.6						36.5	9.8
SE	.7	1.4	1.4	.6	.0							4.1	6.9
SSE	.4	1.1	1.1	.5	.1							3.3	7.6
S	.8	2.3	3.3	2.2	.3	.1	.0					8.9	9.0
SSW	.5	1.3	1.1	.4	.1	.0						3.4	7.2
SW	.5	1.1	.5	.1	.0	.0						2.2	5.9
WSW	.2	.6	.4	.0								1.3	5.3
W	.7	1.6	.9	.1	.0	.0						3.3	5.8
WNW	.4	1.0	.6	.0			.0					2.1	5.7
NW	.6	1.2	.5	.0								2.3	5.1
NNW	.9	1.7	.9	.2	.0	.0						3.8	5.7
VARBL													
CALM												8.2	
	11.7	26.2	30.9	21.0	1.7	.2	.0					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.4	.8	.2								1.8	7.0
NNE	.1	.1										.2	4.0
NE	.1			.1								.2	8.0
ENE	.4	.3	1.1	.6								2.5	7.8
E	.5	1.3	3.4	4.5	.6							10.4	10.6
ESE	1.0	4.5	26.2	25.8	.1							57.6	10.3
SE	.8	2.2	3.5	1.2								7.6	7.4
SSE	.4	1.2	1.2	.1								2.9	6.2
S	.3	1.6	3.3	3.5	.2							9.0	10.0
SSW	.3	.2	.3	.3								1.2	7.4
SW	.2	.3	.1									.6	4.7
WSW	.1											.1	3.0
W	.1	.2										.3	4.0
WNW	.1											.1	2.0
NW	.3	.1	.2									.6	4.7
NNW	.4	.1	.2	.1								.9	5.6
VARBL													
CALM												3.8	
	5.7	12.6	40.4	36.6	1.0							100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	.2	.3		.1								.6	5.2
NNE	.1		.2									.3	5.7
NE		.1	.1	.1								.3	8.0
ENE	.3	.3	.3	.8								1.7	8.6
E	.3	1.1	2.6	5.4	1.0							10.3	11.4
ESE	.9	5.8	22.0	31.5	1.8							62.0	10.9
SE	.4	3.7	3.2	1.6								8.9	7.7
SSE	.5	1.4	.6	.3								2.9	5.9
S	.2	1.3	2.6	3.0	.1							7.2	10.0
SSW	.2	.2	.2	.1								.8	6.4
SW			.2	.1								.3	9.3
WSW	.2											.2	2.0
W		.2										.2	5.5
WNW		.1										.1	6.0
NW	.2	.4	.3									1.0	5.4
NNW	.2	.2										.4	3.3
VARBL													
CALM												2.6	
	3.9	15.2	32.5	43.0	2.9							100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.4	.1	.1								.8	6.1
NNE		.3	.1									.4	5.3
NE	.2	.1										.3	2.7
ENE	.2	.1	.2	.9								1.4	10.9
E	.6	1.1	3.9	5.3	1.1	.1						12.0	11.2
ESE	.9	5.1	18.6	37.3	3.0							64.8	11.5
SE	.9	3.2	1.5	1.0								6.6	6.8
SSE	.5	.8	1.0	.4								2.7	6.8
S	.2	1.4	1.6	2.0								5.3	9.4
SSW	.1	.1	.5									.8	6.9
SW			.2	.1								.3	10.0
WSW		.1	.1									.2	6.0
W	.1	.1	.3									.5	6.4
WNW		.1	.2	.1								.4	8.5
NW		.3										.3	5.3
NNW	.4	.3	.1									.9	3.4
VARBL													
CALM												2.3	
	4.3	13.5	28.5	47.2	4.1	.1						100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.3	.6									2.4	5.3
NNE	.8	.8										1.5	3.3
NE	.1	.8										.9	4.1
ENE	.8	1.1	.3	.4								2.6	5.6
E	1.5	5.3	6.7	4.1								17.5	7.9
ESE	1.8	5.9	14.2	7.4	.6							30.0	8.9
SE	.8	2.3	1.3	.4								4.7	6.2
SSE	.3	1.3	1.6	1.4	.1							4.7	8.7
S	1.3	3.9	5.9	4.3	.3	.1						15.8	9.1
SSW	1.0	2.5	2.3	.9								6.6	6.9
SW	.6	1.2	.5			.1						2.5	6.1
WSW	.3	.1										.4	2.8
W	.5	.4	.5									1.5	5.4
WNW	.2	.5	.3									1.1	5.5
NW	.2	.2	.3									.8	5.4
NNW	.4	.4	.1	.1								1.1	4.6
VARBL													
CALM												6.0	
	11.1	27.8	34.7	19.0	1.1	.2						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101	HILL AFB/OGDEN UTAH	67-70,73-78	AUG
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	2.6	5.3	1.0									8.8	4.6
NNE	1.3	1.8	.2									3.3	4.2
NE	.6	.9	.1									1.6	4.1
ENE	1.0	.4										1.4	3.3
E	.9	.9	.2	.4								2.4	5.5
ESE	.4	.1	.4									1.0	5.1
SE	.8	.2	.4									1.4	4.9
SSE	.5	1.4	.9	.3	.2							3.3	7.3
S	2.3	4.6	5.6	4.0	.2							16.7	8.0
SSW	2.3	5.6	4.5	1.4	.2							14.0	6.7
SW	1.2	3.8	1.7	.8	.1	.3						7.8	7.0
WSW	1.0	1.8	2.0	.1								4.9	6.2
W	1.6	6.2	2.8	.5	.1							11.3	5.8
WNW	1.0	3.5	1.6	.1	.1							6.3	5.9
NW	.6	2.5	.8	.2								4.1	5.6
NNW	1.1	2.8	1.7	.2								5.8	5.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	5.8	
	19.0	41.8	24.0	8.1	1.0	.3						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	4.4	7.6	2.3	.1								14.4	4.6
NNE	1.1	1.4	.2									2.7	4.2
NE	1.3	.5										1.8	3.1
ENE	.4	.1	.3									.9	4.9
E	.4	.3	.4	.3								1.5	7.1
ESE	.4	.3	.4									1.2	4.8
SE	.4	.8	.3									1.5	4.8
SSE	.3	.8	.6	.4								2.2	7.6
S	1.1	2.8	1.4	2.8	.3							8.4	8.6
SSW	.5	1.1	1.9	1.5	.1							5.2	8.8
SW	1.0	2.7	1.4	1.1	.1							6.2	7.1
WSW	.4	2.8	.5									3.8	5.1
W	1.7	7.1	3.2	.5	.1							12.7	5.8
WNW	1.2	5.5	3.2	.2								10.1	5.8
NW	.6	5.2	2.3	.3								8.4	5.8
NNW	1.4	7.0	2.4	.3								11.1	5.6
VARBL													
CALM												8.0	
	16.8	46.0	21.0	7.6	.6							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	5.0	3.9	.3	.5	.2							9.9	4.4
NNE	1.9	.9	.1									2.9	3.1
NE	1.0	.4	.1									1.5	3.3
ENE	1.2	.6										1.8	3.0
E	3.9	3.1	1.6	.6								9.3	4.9
ESE	2.7	7.3	2.0	.2								12.3	4.9
SE	1.1	2.3	.3		.1							3.8	4.8
SSE	1.1	1.4	.9	.4	.1							3.9	6.2
S	.9	2.2	2.7	1.8	1.3	.1	.1					9.1	9.9
SSW	.3	.2	1.4	.4								2.4	8.0
SW	.3	.3		.2	.1							1.0	8.1
WSW	.3	.1		.2								.6	7.2
W	1.0	1.0	.3	.1		.1						2.5	5.5
WNW	.6	.8	.2									1.6	4.7
NW	1.1	1.0	.3	.5	.1							3.0	6.3
NNW	3.1	3.5	.9	.1	.1							7.7	4.5
VARBL													
CALM												26.8	
	25.5	28.9	11.2	5.3	2.0	.2	.1					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	.8	.8	.6	.2								2.4	6.0
NNE	.6	.8	.2									1.6	4.2
NE	.3	.3	.2	.1								1.0	5.0
ENE	.1	1.2	1.3	.3								2.9	7.6
E	.8	3.0	5.5	1.8	.3							11.4	8.3
ESE	1.2	13.2	27.3	7.1	.2							49.0	8.1
SE	1.2	3.7	2.6									7.4	5.8
SSE	.4	2.2	1.7	.8								5.1	7.4
S	.1	1.4	2.4	2.4	.8		.1					7.1	11.0
SSW			.3	.3	.2							.9	12.5
SW	.1	.2	.2		.1							.6	8.3
WSW		.2										.2	5.0
W	.2	.1	.1	.2		.1						.8	10.1
WNW	.2	.1										.3	2.7
NW	.1	.9	.2	.1								1.3	6.3
NNW	.5	.4		.3								1.3	5.9
VARBL													
CALM												6.7	
	6.7	28.4	42.7	13.7	1.6	.1	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.5	.7	.2	.0							5.1	4.8
NNE	.7	.8	.1									1.6	3.9
NE	.5	.4	.1	.0								1.0	4.0
ENE	.6	.5	.4	.4								1.9	6.6
E	1.1	2.0	3.0	2.8	.4	.0						9.4	8.9
ESE	1.2	5.3	13.9	13.7	.7							34.8	9.9
SE	.8	2.3	1.7	.5	.0							5.2	6.5
SSE	.5	1.3	1.1	.5	.1							3.5	7.1
S	.8	2.4	3.2	3.0	.4	.0	.0					9.8	9.3
SSW	.6	1.2	1.4	.6	.1							4.0	7.4
SW	.4	1.1	.6	.3	.1	.1						2.4	7.0
WSW	.3	.6	.3	.0								1.3	5.6
W	.7	1.9	.9	.2	.0	.0						3.7	5.9
WNW	.4	1.3	.7	.1	.0							2.5	5.7
NW	.4	1.3	.6	.1	.0							2.4	5.8
NNW	1.0	1.8	.7	.1	.0							3.6	5.3
VARBL													
CALM												7.7	
	11.6	26.8	29.4	22.6	1.8	.1	.0					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 7433

USAFETAC FORM 0-7 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.1	.9	.7								3.7	6.3
NNE	.3	.7	.1	.1								1.2	5.3
NE	.3		.1									.4	3.5
ENE	.2	.2	.1									.6	4.2
E	1.0	1.4	4.0	3.3	.4							10.2	9.5
ESE	2.1	7.7	28.9	18.1	.8	.1						57.7	9.5
SE	.7	1.4	2.8	1.7	.1							6.7	8.5
SSE	.7	1.3	1.2	.3								3.6	6.6
S	.1	1.4	2.9	3.3								7.8	10.0
SSW		.3	.2									.6	6.0
SW		.2		.1								.3	8.3
WSW													
W	.1	.1										.2	4.0
WNW			.1									.1	8.0
NW	.3		.3	.1		.1						.9	8.8
NNW		.7	.4	.4								1.6	8.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	4.6	
	6.9	16.7	42.1	28.2	1.3	.2						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.3	.7									2.1	5.5
NNE	.3	.3	.1	.1								.9	5.4
NE	.3	.1	.1									.6	3.6
ENE	.2	.1	.1	.1	.1							.7	9.5
E	.7	1.0	3.2	5.3	.3							10.6	10.5
ESE	.9	5.8	22.3	29.9	1.0							59.9	10.8
SE	.8	1.3	2.0	2.7								6.8	8.7
SSE	.4	1.4	1.0	.6								3.4	6.7
S	.6	1.6	3.0	2.2	.1							7.4	9.0
SSW	.1	.2	.3									.7	6.0
SW													
WSW			.1									.1	9.0
W		.1	.3	.1	.1							.7	9.7
WNW		.1		.2								.3	10.7
NW	.2	.2		.2								.7	6.2
NNW	.1	.8	.2									1.1	5.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	4.1	
	4.8	14.4	33.6	41.4	1.7							100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) SEP (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	1.1	.3	.1								2.0	5.4
NNE		.2										.2	4.0
NE	.2	.1										.3	2.7
ENE	.1		.1									.2	6.0
E	.4	1.4	3.3	5.2	1.0							11.4	11.1
ESE	1.4	4.1	21.7	33.2	3.8							64.2	11.4
SE	.6	2.1	1.2	1.4	.2							5.6	7.9
SSE	.4	.3	.6	.4								1.8	7.7
S	.6	1.3	2.4	2.3	.2	.1						7.0	9.5
SSW	.1	.2	.7	.1	.1							1.2	8.5
SW		.2										.2	5.0
WSW	.1											.1	2.0
W													
WNW	.1		.2									.3	5.7
NW	.1	.3	.1	.2								.8	7.0
NNW	.2	.7	.6	.3								1.8	7.3
VARBL													
CALM												2.8	
	4.9	12.2	31.2	43.4	5.3	.1						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101	HILL AFB/OGDEN UTAH	66-70,73-77	SEP
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	.7	1.9	.9	.4	.1							4.0	6.4
NNE	.9	.3		.1								1.3	4.0
NE	1.3	.6										1.9	2.7
ENE	.3	.7	.3	.1								1.4	5.8
E	2.2	3.9	3.7	5.3	1.2							16.3	9.4
ESE	1.7	6.4	16.4	8.7	.9							34.1	9.1
SE	.8	.9	1.1	.1								2.9	5.8
SSE	.8	.9	.9	.2								2.8	5.9
S	1.2	3.2	5.4	4.1	1.0	.2	.1					15.3	9.7
SSW	.4	1.7	.9	.4		.1						3.6	7.2
SW	.4	1.2	.7									2.3	5.2
WSW	.1	.3	.3	.1								.9	7.0
W	.7	.4	.4	.1								1.7	5.1
WNW	.6	.1	.2	.1								1.0	5.0
NW	.6	1.1	.1									1.8	4.2
NNW	.8	.9	1.2	.2								3.1	6.3
VARBL													
CALM												5.6	
	13.4	24.6	32.7	20.1	3.2	.3	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	3.7	5.1	2.3	.6								11.7	5.0
NNE	1.4	1.1	.1									2.7	3.3
NE	.9	.7	.1									1.7	3.5
ENE	.1	.1										.2	4.0
E	.7	1.0	.8	.7	.1							3.2	7.3
ESE		.8	.6	.1								1.4	7.2
SE	.1	.4	.3									.9	6.5
SSE	.3	.9	.6	.2								2.0	6.2
S	1.2	4.8	4.1	2.7	1.0		.1					13.9	8.7
SSW	1.4	5.2	3.8	1.2	.3	.1						12.1	7.3
SW	1.1	3.2	2.0	.4	.2	.1						7.1	6.7
WSW	1.9	2.1	1.3	.1								5.4	5.0
W	2.2	4.4	3.1	.3	.1							10.2	5.9
WNW	.8	2.8	1.8	.2								5.6	6.0
NW	1.2	3.9	1.7	.1								6.9	5.6
NNW	1.7	3.4	2.1	.3								7.6	5.5
VARBL													
CALM												7.4	
	18.8	40.0	24.7	7.0	1.8	.2	.1					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	4.9	9.9	2.1	.8								17.7	5.0
NNE	1.9	1.6	.3									3.8	3.8
NE	.8	.3										1.1	2.7
ENE		.4										.4	4.5
E	.6	.8	.1	.6	.2							2.2	8.1
ESE	.4	.1	.1									.7	3.2
SE	.2	.6	.4									1.2	5.7
SSE	.1	.8	.6	.1								1.6	6.4
S	.8	2.4	2.6	1.9	.2	.2						8.1	8.5
SSW	1.1	1.8	1.8	.8	.1	.1						5.7	7.2
SW	.9	2.3	.8	.4								4.4	5.8
WSW	1.2	2.1	.9									4.2	4.8
W	2.3	5.2	1.9	.8								10.2	5.5
WNW	2.8	3.9	1.4	.6		.1						8.8	5.3
NW	2.3	4.2	2.2	.1								8.9	5.0
NNW	2.4	7.6	3.0	.7								13.7	5.6
VARBL													
CALM												7.3	
	22.8	44.0	18.2	6.7	.6	.4						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	4.6	2.9	2.0	1.1	.4							11.0	5.9
NNE	1.1	1.0	.2	.1								2.4	4.0
NE	.4	.3										.8	2.9
ENE	.9	.1		.1								1.1	3.5
E	2.0	3.1	1.4	.8								7.3	5.6
ESE	3.6	3.4	2.4									14.4	4.9
SE	.9	1.9	.1									2.9	4.0
SSE	.6	2.9	1.6									5.0	5.5
S	1.2	2.9	2.4	1.3	.3	.1						8.3	7.8
SSW	.9	.7	.3	.4								2.3	5.8
SW	.7	.8	.2									1.7	4.3
WSW	.6	.2	.2									1.0	4.1
W	1.0	2.0		.1	.1							3.2	4.7
WNW	.8	.6	.1	.1								1.6	4.3
NW	1.1	1.2	.7									3.0	4.6
NNW	2.8	2.6	.4	.2	.2							6.2	4.7
VARBL													
CALM												27.7	
	23.0	31.6	12.2	4.3	1.1	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	.7	2.3	.9	.6								4.4	6.3
NNE	.3	.7	.2	.1								1.3	5.2
NE	.3	.1	.1									.6	4.2
ENE	.1	.4										.6	4.0
E	1.7	2.1	4.4	1.1	.3							9.7	7.6
ESE	3.0	16.1	28.1	5.3	.2							52.8	7.6
SE	1.6	3.8	1.7	.2								7.2	5.4
SSE	.4	1.6	1.1	.3								3.4	6.2
S	.7	1.7	3.3	1.9	.1							7.7	8.4
SSW	.1	.3	.3									.8	5.9
SW		.1	.1									.2	7.0
WSW	.1	.2										.3	3.3
W	.2	.1										.3	2.7
WNW	.2	.2	.1									.6	5.2
NW	.3	.3	.4	.2								1.3	6.3
NNW	.3	1.2	.2	.6	.2							2.6	7.8
VARBL													
CALM												6.2	
	10.1	31.3	41.1	10.3	.9							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	2.0	3.2	1.3	.5	.1							7.1	5.5
NNE	.9	.7	.1	.1								1.7	4.1
NE	.6	.3	.1									.9	3.1
ENE	.2	.3	.1	.0	.0							.7	5.2
E	1.2	1.8	2.6	2.8	.5							8.9	9.1
ESE	1.6	6.2	15.1	11.9	.8	.0						35.7	9.5
SE	.7	1.6	1.2	.8	.0							4.3	7.0
SSE	.5	1.3	.9	.3								2.9	6.3
S	.8	2.4	3.3	2.5	.4	.1	.0					9.4	9.0
SSW	.5	1.3	1.0	.4	.1	.0						3.4	7.1
SW	.4	1.0	.5	.1	.0	.0						2.0	6.0
WSW	.3	.6	.4	.0								1.5	4.9
W	.8	1.6	.7	.2	.0							3.3	5.6
WNW	.7	1.0	.5	.2		.0						2.3	5.5
NW	.8	1.4	.7	.1		.0						3.0	5.4
NNW	1.0	2.2	1.0	.3	.1							4.7	5.8
VARBL													
CALM												8.2	
	13.1	26.8	29.5	20.2	2.0	.2	.0					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70, 73-77 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.4	.9	.1								4.1	4.9
NNE	.1	.8										.9	4.6
NE	.3	.2	.3									.9	5.1
ENE	.1	.3	.1	.1								.6	6.0
E	.9	1.0	3.0	3.5	.5	.1						9.0	10.2
ESE	2.5	8.1	29.1	12.0	.4							51.1	8.8
SE	.8	3.1	2.3	1.3								7.4	6.9
SSE	.9	.4	.9	.1								2.3	6.0
S	.5	1.7	4.4	2.4	.3	.2						9.6	9.4
SSW	.2	.4	1.1	.3		.1						2.2	8.5
SW	.2	.3	.3									.9	5.5
WSW	.1	.2		.1								.4	6.5
W	.1	.1	.2	.2	.1							.8	9.1
WNW	.1	.1		.1								.3	6.7
NW	.5	.3										.9	3.4
NNW	.6	1.2	.4	.1								2.4	5.0
VARBL													
CALM												6.5	
	9.7	19.7	41.9	20.4	1.4	.4						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	.8	1.4	.8	.2								3.1	5.4
NNE	.3	.2										.5	3.4
NE	.3		.1									.4	3.8
ENE	.1	.2	.1	.5								1.0	10.0
E	1.0	.9	2.7	3.0	.5							8.1	9.9
ESE	1.7	7.0	24.3	21.6	1.5							56.1	10.0
SE	.8	1.2	1.0	.8	.1							3.8	7.3
SSE	.2	1.2	1.4	.1	.2							3.1	7.7
S	.4	1.2	3.0	3.8	.5							8.9	10.4
SSW	.3	.9	.6									1.8	6.0
SW	.1	.9	.1	.1								1.2	5.8
WSW	.1	.1	.1	.2								.5	8.6
W	.2	.3	.3	.3								1.2	7.9
WNW	.4	.1	.1	.1								.8	5.6
NW	.3	.8	.1									1.2	4.1
NNW	.5	1.0	.3	.2								2.0	5.5
VARBL													
CALM												6.2	
	7.6	17.2	35.1	31.0	2.9							100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.1	1.2	.6	.1							4.0	7.4
NNE	.3	.3	.1	.1								.9	5.6
NE	.3											.3	2.3
ENE	.1			.2								.3	9.3
E	1.6	1.5	3.2	5.3	1.0	.1						12.7	10.2
ESE	1.0	6.2	18.9	25.4	2.8							54.3	10.8
SE	.8	2.4	1.2	1.0	.1							5.4	7.3
SSE	.2	1.3	.8	.2								2.5	6.6
S	.1	.8	2.8	3.4	.6							7.7	11.1
SSW	.1	.4	.1	.1								.8	5.9
SW		.1	.1									.2	7.0
WSW			.4									.4	8.0
W	.1	.5	.2	.2								1.1	7.1
WNW	.1	.2	.2	.4								1.0	8.6
NW	.3	.4	.2	.1								1.1	6.0
NNW	.4	1.0	.5	.3								2.3	6.0
VARBL													
CALM												5.2	
	6.5	16.2	30.0	37.4	4.6	.1						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	1.1	1.1	2.7	.6	.2							5.7	7.7
NNE	.9	.2	.1									1.2	3.5
NE	.3	.3										.6	3.5
ENE	.4	.9										1.3	4.4
E	2.4	3.7	4.4	3.8	1.0							15.2	8.6
ESE	2.0	6.9	14.4	10.3	.5							34.2	9.0
SE	1.0	1.4	.9	.5	.1							3.9	6.4
SSE	.5	1.3	1.4	.3								3.5	6.7
S	1.4	1.7	4.0	4.2	1.6	.2						13.1	10.6
SSW	.6	1.5	.8	.4	.2	.1						3.7	7.1
SW	.3	.9	.2									1.4	4.6
WSW	.4	.3										.8	3.6
W	.6	.4	.6	1.0	.1							2.8	8.4
WNW		.2	.3	.1								.6	8.0
NW	.8	.5	.8	.1								2.2	5.6
NNW	.5	1.3	1.2	.5								3.5	7.1
VARBL													
CALM												6.3	
	13.3	22.6	31.7	21.9	3.8	.3						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	3.1	2.4	.9								8.2	6.0
NNE	1.3	.6	.3									2.3	3.9
NE	.6	.3										1.0	3.0
ENE	.5	.3										.9	3.1
E	.6	.8	1.4	.6								3.4	7.6
ESE	.6		.2	.2								1.1	5.5
SE	.3	.2	.2	.1								.9	5.4
SSE	.5	.8	.4	.1								1.8	5.5
S	2.2	3.7	4.5	2.8	1.3	.4						14.9	9.2
SSW	1.9	3.3	3.7	1.3	.6							10.9	7.2
SW	3.0	2.6	1.2	.3	.1							7.2	5.0
WSW	2.0	1.6	1.8	.4								5.9	5.7
W	1.2	3.4	1.7	.5	.1	.1						7.1	6.5
WNW	2.6	2.6	.4	.5								6.1	4.8
NW	1.5	2.8	1.6	.3	.2							6.5	6.1
NNW	2.0	2.2	2.2	1.0	.1							7.4	6.4
VARBL													
CALM												14.5	
	22.9	28.3	22.1	9.1	2.5	.5						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	3.2	4.5	2.2	1.2	.1							11.2	5.8
NNE	.8	.6	.3									1.7	4.7
NE	.2	.3										.5	4.0
ENE	.1			.1								.2	8.0
E	.6	.3	.4	.5	.1							2.0	7.6
ESE	.9	.4	.1	.2								1.6	4.7
SE	.3	.2	.2									.8	4.7
SSE	.1	.8	1.1	.1								2.0	7.1
S	1.5	2.2	3.2	1.2	.2							8.3	7.2
SSW	1.5	2.7	1.3	.5	.1							6.1	6.0
SW	2.2	1.6	1.3	.3								5.4	5.3
WSW	1.1	2.5	.4		.1							4.1	4.6
W	2.6	4.5	1.8	.3								9.2	5.0
WNW	2.4	3.7	1.2	.3								7.5	4.9
NW	3.8	4.5	1.1	.3	.1							9.8	4.6
NNW	5.5	7.2	1.8	.5								15.1	4.7
VARBL													
CALM												14.4	
	26.7	36.0	16.5	5.7	.8							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	2.8	2.4	1.6	.9								7.6	5.4
NNE	1.2	.4	.1									1.7	3.5
NE	.4	.2	.1	.1								.9	4.9
ENE	.3	.2										.5	2.8
E	3.1	2.3	.6	.8	.1							6.9	5.0
ESE	3.7	6.1	2.2									11.9	4.8
SE	2.5	2.7	.4									5.6	3.8
SSE	1.1	2.3	1.2	.3								4.8	5.8
S	1.6	3.4	2.5	1.3	.3	.1						9.2	7.2
SSW	.9	.2	.6	.1								1.8	5.3
SW	.8	.3	.2	.1								1.4	4.3
WSW	.1	.4		.1								.6	5.3
W	1.7	1.2	.1	.1	.1							3.2	4.3
WNW	1.4	.6	.1									2.2	3.2
NW	1.7	1.4	.5	.1								3.8	4.2
NNW	4.0	2.9	.3									7.2	3.4
VARBL													
CALM												30.5	
	27.2	27.1	10.6	3.9	.5	.1						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	1.2	2.0	1.2	.8								5.2	6.0
NNE	.5	.4	.1	.2								1.3	5.8
NE	.5	.4	.1									1.1	4.4
ENE	.4	.1	.2	.2	.1							1.1	8.4
E	1.8	2.4	2.0	1.0	.4							7.6	7.0
ESE	4.5	16.3	20.2	3.3	.1							44.5	6.9
SE	1.9	5.3	1.4	.2								8.8	5.0
SSE	1.1	1.6	.2	.3								3.2	5.4
S	.3	3.2	3.7	2.0	.4	.1						9.8	8.7
SSW	.1	.3	.2	.6								1.3	9.1
SW	.3		.1		.2							.6	8.5
WSW		.2		.1								.3	7.3
W	.3	.3	.1	.1								.9	5.1
WNW	.1	.3	.2									.6	5.3
NW	.4	.2	.3	.1								1.1	5.7
NNW	.3	.8	.5	.2								1.8	6.4
VARBL													
CALM												10.8	
	14.0	34.0	30.6	9.2	1.3	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101	HILL AFB/OGDEN UTAH	66-70,73-77	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	1.7	2.1	1.6	.7	.1							6.1	6.0
NNE	.7	.5	.1	.0								1.3	4.3
NE	.4	.2	.1	.0								.7	4.0
ENE	.3	.3	.1	.1	.0							.7	6.3
E	1.5	1.6	2.2	2.3	.5	.0						8.1	8.7
ESE	2.1	6.4	13.6	9.1	.7							31.9	9.0
SE	1.0	2.1	.9	.5	.0							4.6	5.9
SSE	.6	1.2	.9	.2	.0							2.9	6.3
S	1.0	2.2	3.5	2.6	.7	.1						10.2	9.3
SSW	.7	1.2	1.0	.4	.1	.0						3.6	6.9
SW	.9	.8	.4	.1	.0							2.3	5.2
WSW	.5	.7	.3	.1	.0							1.6	5.4
W	.9	1.4	.6	.3	.1	.0						3.3	6.0
WNW	.9	1.0	.3	.2								2.4	5.1
NW	1.2	1.4	.6	.1	.0							3.3	5.0
NNW	1.7	2.2	.9	.4	.0							5.2	5.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	11.8	
	16.0	25.1	27.3	17.3	2.2	.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.9	.7	.2								2.4	5.9
NNE	.4	.3										.8	3.3
NE	.3	.1										.4	3.3
ENE	.6											.6	2.0
E	1.1	1.9	3.3	.6	.1							7.0	7.0
ESE	2.4	9.7	21.4	8.7	.7	.2						43.1	8.5
SE	1.3	2.6	1.4	.2								5.6	5.5
SSE	1.6	2.2	1.9	.8								6.4	6.2
S	1.2	2.6	4.7	3.4	.6	.3						12.8	9.3
SSW	.6	.7	.3	.6								2.1	7.2
SW	.1	.3	.1									.6	5.0
WSW	.1	.1										.2	3.5
W	.1	.1	.1	.1								.4	8.3
WNW	.2	.2	.1									.6	5.0
NW	.6	1.1	.4	.1								2.2	5.4
NNW	.9	1.6	.9	.2								3.6	5.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	11.2	
	12.2	24.3	35.4	14.9	1.3	.6						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-6-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	1.1	.8	.6	.2	.1							2.8	5.8
NNE	.6	.2										.8	2.9
NE	.2											.2	2.5
ENE	.1											.1	2.0
E	1.2	2.3	2.8	1.7	.4							8.4	8.0
ESE	1.2	6.6	20.9	15.1	.8							44.8	9.6
SE	1.4	2.7	1.8	.7								6.6	6.0
SSE	.6	1.9	1.4	.2	.1							4.2	6.4
S	1.0	2.3	4.4	4.0	.7							12.4	9.7
SSW	.2	.7	.7	.2	.2							2.0	8.2
SW	.1	.1	.1	.3								.7	9.0
WSW	.2	.1										.3	3.7
W	.2	.3	.2									.8	4.9
WNW	.2	.6	.2	.1								1.1	5.8
NW	1.0	.8	.3									2.1	4.1
NNW	1.3	.6	.7	.4								3.0	5.7
VARBL													
CALM												9.7	
	10.8	20.1	34.1	23.0	2.3							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.6	1.0	.3								3.6	6.0
NNE	.4	.1										.6	2.4
NE	.1	.4										.6	4.2
ENE	.2	.1										.3	3.0
E	.7	2.2	4.2	2.8	.4							10.3	9.2
ESE	1.9	7.3	18.8	17.8	.9							46.7	9.7
SE	.9	2.2	1.1	.8								5.0	6.6
SSE	1.0	1.2	1.4	.2	.1							4.0	6.2
S	1.7	2.7	3.7	2.7	.6							11.2	8.5
SSW	.7	.9	.6	.4	.1							2.7	7.0
SW	.3	.2	.1		.1							.8	6.1
WSW		.1	.1	.1								.3	9.0
W	.2	.3	.1	.1	.2							1.0	8.1
WNW	.1		.4									.6	7.0
NW	.1	.4	.4									1.0	6.3
NNW	.6	1.0	.2	.7								2.4	7.1
VARBL													
CALM												9.0	
	9.6	20.9	32.2	25.9	2.4							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	.8	1.3	.7	.3								3.1	5.8
NNE	.3	.1										.4	2.5
NE		.3	.1									.4	6.3
ENE	.2	.2	.1	.2								.8	7.3
E	.8	2.2	4.1	2.9	.3	.2						10.6	9.1
ESE	2.1	7.8	16.7	10.0	.4							37.0	8.8
SE	1.1	1.1	.9	.1	.1							3.3	5.8
SSE	1.1	1.6	1.3	.6								4.6	6.2
S	1.7	2.8	4.6	4.0	1.2	.3						14.6	9.7
SSW	1.1	1.4	.4	.6								3.6	6.0
SW	.3	.4	.2									1.0	5.0
WSW	.2	.3	.4	.1	.1							1.2	7.5
W	.6	.7	.6	.6								2.3	6.8
WNW	.6	.2	.8	.1								1.7	5.9
NW	.2	1.1	.4									1.8	5.6
NNW	.8	1.0	.7	1.1								3.6	7.8
VARBL													
CALM												10.1	
	11.9	22.7	32.0	20.6	2.2	.9						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70, 73-77 (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	2.7	2.1	.8	.2								5.8	4.5
NNE	.4	.3										.8	3.6
NE	1.0	.3	.2									1.6	3.4
ENE	.2	.2	.1									.6	5.0
E	1.0	.9	1.2	1.1	.4	.1						4.8	9.1
ESE	2.6	1.8	1.9	.3								6.6	5.3
SE	1.0	.7	.9	.2								2.8	5.1
SSE	1.4	.8	1.0	.7								3.9	5.9
S	3.2	4.2	4.8	5.2	1.4	.6						19.4	9.3
SSW	1.9	2.7	2.7	.3	.1							7.7	5.9
SW	1.8	2.3	1.0	.4	.1							5.7	5.4
WSW	.4	1.1	.7	.1								2.3	5.9
W	1.0	1.4	1.2	.8								4.4	6.6
WNW	1.4	1.1	.4	.3								3.3	4.9
NW	1.3	2.0	1.2	.6	.1	.2						5.4	6.8
NNW	1.6	3.4	1.3	.6	.2							7.1	6.1
VARBL													
CALM												17.9	
	23.0	25.4	19.4	10.9	2.4	.9						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	2.9	1.2	.1								6.4	4.9
NNE	.9	.1										1.0	2.4
NE	.4											.4	2.5
ENE	.2		.2	.1								.6	7.0
E	.4	.9	1.1	.7	.1							3.2	8.3
ESE	.8	.4	.6	.4								2.2	6.3
SE	.7	.9	.6									2.1	4.8
SSE	1.4	1.4	1.3	.2								4.4	5.4
S	1.0	3.8	5.0	4.3	.2							14.3	8.8
SSW	1.6	3.3	.8	.1	.1							5.9	5.2
SW	1.8	1.8	.7									4.2	4.3
WSW	1.1	1.2	.6	.1								3.0	4.7
W	2.3	2.0	.3	.4								5.1	4.5
WNW	1.1	1.3	.3	.1				.1				3.0	5.6
NW	3.6	4.9	1.0	.3		.1						9.9	4.5
NNW	2.9	5.3	1.8	.9	.1							11.0	5.6
VARBL													
CALM												23.1	
	22.4	30.3	15.4	7.9	.6	.1		.1				100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	3.6	3.2	.4	.3								7.6	4.2
NNE	1.3	.4		.1								1.9	3.4
NE	.4	.1										.6	2.6
ENE	.3	.2		.1								.7	4.5
E	2.0	1.3	1.0	1.3								5.7	6.4
ESE	2.7	4.9	2.7	.6								10.8	5.5
SE	2.0	2.0	.4									4.4	4.0
SSE	2.0	3.8	1.3	.2	.1							7.4	5.2
S	2.0	3.4	4.1	2.2	.6							12.3	7.8
SSW	.6	1.3	.4	.1								2.4	5.3
SW	.2	.1	.2									.6	5.4
WSW	.2	.2		.2								.7	6.7
W	.3	.3	.3									1.0	4.9
WNW	.7	.7	.1									1.4	3.9
NW	1.2	.9	1.0	.3								3.4	6.0
NNW	2.7	2.7	.7	.2								6.2	4.5
VARBL													
CALM												32.9	
	22.2	25.7	12.8	5.8	.7							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101	HILL AFB/OGDEN UTAH	66-70,73-77	NOV
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	1.9	1.8	.6	.4								4.6	5.0
NNE	.8	.4	.2	.1								1.6	4.4
NE			.1									.1	8.0
ENE	.4	.3										.8	3.4
E	1.9	1.8	3.0	1.1	.4							8.2	7.2
ESE	4.0	11.8	12.9	1.8								30.4	6.7
SE	2.1	3.3	2.1	.2								7.8	5.3
SSE	1.7	3.7	1.2	.4								7.0	5.6
S	1.6	4.1	4.9	2.6	.8							14.1	8.2
SSW	.3	.9	.3		.1							2.1	5.4
SW		.2	.1	.1								.4	7.3
WSW	.1	.2		.2								.6	7.0
W	.1	.1	.4	.1								.8	8.3
WNW	.6	.3	.2									1.1	4.6
NW	.7	1.2	.1	.3								2.3	5.4
NNW	1.0	2.0	1.1	.1	.1							4.3	5.7
VARBL													
CALM												13.8	
	17.4	32.2	27.3	7.8	1.4							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.8	.7	.3	.0							4.5	5.0
NNE	.7	.3	.0	.0								1.0	3.3
NE	.3	.2	.1									.5	3.6
ENE	.3	.1	.1	.1								.5	4.7
E	1.1	1.7	2.6	1.5	.3	.0						7.3	8.1
ESE	2.2	6.3	12.0	6.8	.3	.0						27.7	8.5
SE	1.3	1.9	1.2	.3	.0							4.7	5.5
SSE	1.3	2.1	1.4	.4	.0							5.2	5.8
S	1.7	3.2	4.5	3.6	.7	.2						13.9	8.9
SSW	.9	1.5	.8	.3	.1							3.6	6.0
SW	.6	.7	.3	.1	.0							1.7	5.3
WSW	.3	.4	.2	.1	.0							1.1	5.8
W	.6	.7	.4	.3	.0							2.0	6.0
WNW	.6	.6	.3	.1				.0				1.6	5.2
NW	1.1	1.6	.6	.2	.0	.0						3.5	5.4
NNW	1.5	2.2	.9	.5	.1							5.2	5.8
VARBL													
CALM												16.0	
	16.2	25.2	26.1	14.6	1.7	.3		.0				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.2	.8									3.0	4.9
NNE	.3	.3										.6	2.8
NE	.3	.2										.5	3.0
ENE	.5	.3		.1								1.0	4.3
E	1.0	1.3	2.5	1.2	.1	.1	.1					6.2	8.5
ESE	3.7	8.2	12.0	5.8	.3	.3	.3					30.6	8.1
SE	1.4	3.7	1.9	1.7	.1							8.8	7.0
SSE	.9	2.0	.9	.4	.1							4.3	6.2
S	1.4	2.9	4.3	3.9	1.5							14.0	9.6
SSW	1.3	1.1	.9	.6								3.9	6.4
SW	.8	1.1	.4	.1								2.4	4.9
WSW	.2	.6	.1	.1	.1							1.2	6.8
W	.2	.5	.4	.2	.1							1.5	7.9
WNW	.2	.3		.2								.8	7.0
NW	.1	.3	.2	.2								.9	7.4
NNW	1.1	1.1	.3	.1								2.6	4.4
VARBL													
CALM												17.7	
	14.4	25.2	24.7	14.7	2.4	.4	.4					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.9	.5									2.7	4.6
NNE	.1	.3										.4	4.3
NE	.2	.2										.4	3.3
ENE	.3	.2	.1									.6	4.3
E	1.0	1.9	2.5	2.2	.4	.2						8.2	9.2
ESE	2.3	5.5	14.2	10.8	.9		.4					34.0	9.4
SE	2.0	3.7	2.8	2.3	.1							10.9	7.1
SSE	.8	1.7	.5	.2		.1						3.3	6.1
S	1.2	3.7	2.7	2.2	1.2	.2						11.1	9.0
SSW	.4	1.0	.9	.9	.2							3.3	8.3
SW	.3	1.0	.3	.2								1.8	6.2
WSW	.4	.4	.3	.1	.1							1.4	6.6
W	.1	.5	1.0	.6		.1						2.4	9.6
WNW	.6	.3	.1	.1								1.2	4.7
NW	.1	.3	.5									1.0	7.0
NNW	.4	.6	.2									1.3	4.3
VARBL													
CALM												16.0	
	11.6	22.3	26.7	19.5	2.9	.6	.4					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.0	.4	.3								2.2	6.2
NNE	.4	.5										1.0	3.2
NE	.1	.1										.2	3.5
ENE	.3	.1	.2									.6	5.2
E	1.3	1.1	1.9	2.4	.5	.2						7.4	10.0
ESE	1.5	5.9	12.5	14.6	1.4	.3	.3	.1				36.7	10.3
SE	2.5	3.3	1.4	2.3								9.5	6.7
SSE	1.1	1.8	1.0	.3	.1							4.3	6.0
S	1.4	3.1	3.3	2.0	1.0	.2						11.1	8.9
SSW	.4	1.1	1.1	.1	.3							3.0	7.6
SW	.2	.4	.2	.2								1.1	6.6
WSW	.5	.9	.3	.1								1.8	4.9
W	.4	.3	.4	.3	.2							1.7	9.1
WNW	.4	.2	1.0									1.6	6.6
NW	.5	1.2	.2									1.9	4.3
NNW	.2	.9	.3	.1								1.5	5.8
VARBL													
CALM												14.4	
	11.8	21.9	24.3	22.8	3.5	.8	.3	.1				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	1.0	1.5	.6	.3	.1							3.5	6.0
NNE	.3	.4	.3	.1								1.2	6.0
NE	.2	.2		.1								.5	5.8
ENE	.2	.2	.1									.5	5.0
E	2.0	.9	3.1	3.0		.3	.1					9.5	9.2
ESE	1.5	6.6	11.1	10.8	.8	.3	.2					31.2	9.6
SE	1.2	3.1	2.5	1.4	.2							8.4	7.1
SSE	1.0	2.0	.5		.2							3.8	5.7
S	1.1	2.8	4.4	3.1	.9	.1						12.4	9.2
SSW	.5	1.6	1.6	.2	.6							4.6	8.1
SW	.6	1.2	.3	.1								2.3	5.1
WSW	.1	.3	.1	.2								.8	7.3
W	.1	.8	.3	.5								1.7	7.9
WNW	.2	.5	.1	.2								1.1	6.5
NW	.5	.5	.1	.2								1.4	5.5
NNW	.9	.4	1.1	.4								2.8	6.9
VARBL													
CALM												14.4	
	11.5	23.1	26.3	20.8	2.8	.8	.3					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	2.4	1.8	1.2	.4								5.8	5.5
NNE	.8	.4	.1									1.3	3.8
NE	.3	.2										.5	2.6
ENE	.3		.2									.5	4.4
E	1.0	1.9	1.2	.8		.1	.5					5.5	9.1
ESE	2.0	3.4	4.9	1.6		.1	.1					12.3	7.5
SE	1.2	2.2	.6	.3								4.3	5.4
SSE	.9	1.8	1.1	.1								3.9	5.8
S	2.2	4.0	4.9	2.7	1.1	.2						15.1	8.6
SSW	1.6	4.4	2.4	.5	.3	.1						9.4	6.5
SW	1.1	2.2	.4	.1								3.8	4.6
WSW	.9	.6	.3		.1							1.9	5.0
W	1.1	1.4	1.0	.3	.1							3.9	5.9
WNW	.4	.6	.5	.1	.2							1.9	7.4
NW	1.0	1.1	1.2	.1								3.3	5.7
NNW	1.6	2.2	1.2	.3	.1							5.4	5.6
VARBL													
CALM												21.3	
	18.6	28.3	21.3	7.4	1.9	.5	.6					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101	HILL AFB/OGDEN UTAH	66-70,73-77	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	2.9	3.0	1.5	.5								8.0	5.2
NNE	.4	.4	.3									1.2	5.2
NE	.3	.2										.5	3.2
ENE	.4	.1										.5	2.2
E	1.5	.6	.9	.2	.1	.3	.2					3.9	8.5
ESE	1.4	1.4	2.2	.4		.1						5.5	6.8
SE	1.3	.3	.8									2.4	4.6
SSE	1.6	2.0	.9	.4								5.0	5.3
S	2.5	4.6	4.7	2.6	.3	.2						15.0	7.6
SSW	2.3	2.3	.9	.9	.2							6.5	6.1
SW	1.2	1.1	.4									2.7	4.3
WSW	2.2	.8	.2	.1								3.2	3.5
W	1.7	1.4	.6	.4								4.2	5.1
WNW	2.2	1.5	.6									4.3	4.1
NW	1.5	1.7	1.2	.2								4.6	5.3
NNW	2.6	2.5	1.2	.4	.1							6.8	5.2
VARBL													
CALM												25.8	
	25.9	24.0	16.4	6.2	.8	.6	.2					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	1.5	1.5	1.5	.3	.1	.2						5.2	6.6
NNE	.9	.6	.1									1.6	3.4
NE	.2	.4										.6	3.8
ENE	.4	.3	.2	.1								1.1	5.5
E	1.4	1.3	1.6	.4		.4	.2					5.4	8.4
ESE	2.6	4.4	3.1	1.3		.2	.1					11.8	6.9
SE	1.9	2.8	1.4	.1								6.3	4.8
SSE	2.4	3.2	1.3	.1								7.0	4.9
S	1.8	6.4	5.0	2.3	.1							15.5	6.9
SSW	.3	1.6	1.4	1.1								4.4	7.6
SW	.2	.5	.2									1.0	5.1
WSW	.5	.5	.1	.1								1.3	4.9
W	.3	.4	.2									1.0	4.3
WNW	.2	.5	.3	.2	.1							1.4	7.7
NW	.5	.5	.2	.1								1.4	5.2
NNW	1.5	1.3	.4	.2								3.5	4.8
VARBL													
CALM												31.6	
	16.8	26.5	17.2	6.4	.3	.1	.3					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.4	.5	.1	.1							3.6	4.8
NNE	.5	.4										1.0	3.3
NE	.4	.1										.5	3.2
ENE	.3	.2	.1									.6	4.3
E	.9	1.7	1.7	1.3	.1	.5	.1					6.4	9.3
ESE	4.2	6.9	7.4	3.0		.2						21.8	6.9
SE	2.7	3.2	1.4	1.7	.1	.1						9.3	6.5
SSE	2.6	4.0	.6	.4								7.7	4.6
S	2.0	5.5	3.5	2.8	.4							14.2	7.5
SSW	.6	2.0	2.0	.4								5.2	6.6
SW	.5	.9	.3	.3	.1							2.2	6.5
WSW	.1	.4	.1									.6	4.3
W	.2	.9	.5	.1	.1							1.8	7.1
WNW	.3	.4	.3									1.1	5.0
NW	.6	.8	.2	.1								1.7	4.7
NNW	.9	.6	.5	.1								2.2	5.4
VARBL													
CALM												20.2	
	18.4	29.6	19.4	10.5	1.0	.9	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.5	.9	.3	.0	.0						4.2	5.5
NNE	.5	.4	.1	.0								1.0	4.1
NE	.3	.2		.0								.5	3.6
ENE	.4	.2	.1	.0								.7	4.5
E	1.3	1.3	1.9	1.4	.2	.3	.2					6.6	9.1
ESE	2.4	5.3	8.4	6.0	.4	.2	.2	.0				23.0	8.8
SE	1.8	2.8	1.6	1.2	.1	.0						7.5	6.5
SSE	1.4	2.3	.8	.3	.1	.0						4.9	5.4
S	1.7	4.1	4.1	2.7	.8	.1						13.5	8.3
SSW	.9	1.9	1.4	.6	.2	.0						5.0	7.0
SW	.6	1.0	.3	.1	.0							2.1	5.2
WSW	.6	.6	.2	.1	.0							1.5	5.0
W	.5	.8	.6	.3	.1	.0						2.3	6.9
WNW	.6	.6	.4	.1	.0							1.7	5.7
NW	.6	.8	.5	.1								2.0	5.4
NNW	1.1	1.2	.7	.2	.0							3.2	5.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	20.2	
	16.1	25.1	22.0	13.5	2.0	.7	.3	.0				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 7433

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-78 (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	≥56	%	MEAN WIND SPEED
N	1.5	2.3	1.3	.5	.1	.0	.0					5.7	6.0
NNE	.6	.6	.2	.0	.0							1.3	4.3
NE	.4	.3	.1	.0	.0	.0						.9	4.3
ENE	.4	.3	.2	.1	.0	.0	.0					1.1	6.5
E	1.1	1.7	2.4	2.1	.4	.1	.0	.0				7.9	9.1
ESE	1.6	5.5	11.9	9.2	.7	.1	.0	.0				29.1	9.3
SE	1.1	2.1	1.3	.5	.0	.0	.0					5.1	6.2
SSE	.8	1.7	1.2	.4	.1	.0	.0					4.2	6.7
S	1.0	2.8	3.8	3.2	.9	.2	.0					12.0	9.5
SSW	.7	1.5	1.2	.6	.1	.0		.0				4.1	7.3
SW	.6	1.0	.5	.2	.0	.0						2.3	6.2
WSW	.4	.7	.4	.2	.0	.0						1.7	6.1
W	.7	1.3	.9	.3	.1	.0						3.2	6.4
WNW	.5	.9	.5	.1	.0	.0	.0	.0				2.2	5.9
NW	.7	1.3	.7	.2	.0	.0						2.9	5.8
NNW	1.1	2.0	1.2	.5	.1	.0	.0					4.8	6.4
VARBL													
CALM												11.5	
	13.1	25.9	28.0	18.3	2.7	.5	.1	.0				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 8,630

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-78 (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 (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	2.0	3.0	2.5	1.6	.3	.0	.0					9.4	7.3
NNE	.9	.6	.1									1.5	3.7
NE	.3	.2	.0		.0							.6	4.5
ENE	.4	.2	.0	.1	.1							.7	5.3
E	1.3	1.4	.8	.3	.2	.0						4.0	6.3
ESE	1.5	2.1	1.5	.9	.2	.0						6.2	6.8
SE	1.2	2.0	.6	.1								3.7	4.6
SSE	1.3	2.2	1.5	.5	.2		.0					5.7	6.5
S	1.2	3.3	5.0	3.6	1.0	.1	.0					14.3	9.1
SSW	.9	1.6	1.2	.4	.1							4.2	6.4
SW	.9	.8	.6	.2	.1	.1						2.7	6.7
WSW	.9	.7	.3	.5	.0	.0						2.4	6.6
W	.9	1.1	1.1	.9	.2							4.2	7.6
WNW	.6	.7	.7	.2	.1		.0					2.3	6.8
NW	.6	1.8	1.2	.5	.1	.1						4.4	7.3
NNW	1.4	2.6	2.3	1.5	.4	.1	.0					8.3	8.0
VARBL													
CALM												25.4	
	16.1	24.2	19.4	11.2	3.0	.5	.1					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 3627

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

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%.

874-29963

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.

S74-29964

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	32.4	38.2	39.6	41.4	42.6	43.0	43.2	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.9	43.9
≥ 20000	33.5	39.4	41.0	43.0	44.3	44.8	45.1	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.7	45.7
≥ 18000	34.2	40.2	41.8	44.0	45.3	45.8	46.0	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.7	46.7
≥ 16000	34.3	40.5	42.2	44.3	45.6	46.1	46.3	46.6	46.7	46.7	46.7	46.7	46.7	46.7	47.0	47.0
≥ 14000	35.4	41.6	43.2	45.4	46.8	47.3	47.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	48.2	48.2
≥ 12000	36.9	43.4	45.1	47.3	48.8	49.4	49.6	49.8	49.9	49.9	49.9	49.9	49.9	49.9	50.2	50.2
≥ 10000	38.5	45.3	46.9	49.2	50.8	51.3	51.5	51.7	51.8	51.8	51.8	51.8	51.8	51.8	52.2	52.2
≥ 9000	39.1	46.1	47.7	50.1	51.6	52.2	52.4	52.6	52.7	52.7	52.7	52.7	52.7	52.7	53.0	53.0
≥ 8000	40.6	48.0	49.6	51.9	53.4	54.0	54.2	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.8	54.8
≥ 7000	43.7	51.3	52.9	55.5	57.0	57.5	57.8	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.5	58.5
≥ 6000	48.1	56.5	58.2	60.8	62.3	62.9	63.2	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.9	63.9
≥ 5000	53.4	62.0	64.3	66.9	68.4	69.0	69.5	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.2	70.2
≥ 4500	56.3	65.9	68.4	71.2	72.7	73.3	73.9	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.7	74.7
≥ 4000	59.8	69.7	72.4	75.3	76.8	77.4	78.1	78.6	78.8	78.8	78.8	78.8	78.8	78.8	79.1	79.1
≥ 3500	61.2	71.6	74.8	77.7	79.4	80.0	80.6	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.7	81.7
≥ 3000	63.1	74.5	77.8	81.1	82.8	83.4	84.2	84.7	84.9	84.9	84.9	84.9	85.1	85.1	85.4	85.4
≥ 2500	64.0	76.2	79.7	82.9	85.1	85.7	86.6	87.3	87.5	87.5	87.5	87.5	87.6	87.6	88.0	88.0
≥ 2000	64.5	77.7	81.6	84.8	87.3	88.0	88.9	89.9	90.1	90.1	90.1	90.1	90.2	90.2	90.5	90.5
≥ 1800	64.5	77.7	81.6	84.8	87.3	88.0	88.9	89.9	90.1	90.1	90.1	90.1	90.2	90.2	90.5	90.5
≥ 1500	64.7	78.3	82.4	85.7	88.5	89.1	90.3	91.3	91.6	91.6	91.6	91.6	91.7	91.7	92.0	92.0
≥ 1200	64.7	78.6	82.8	86.2	89.0	89.7	91.2	92.4	92.7	92.7	92.7	92.7	92.8	92.8	93.1	93.1
≥ 1000	64.9	78.9	83.4	86.9	89.8	90.4	92.4	93.7	94.1	94.2	94.3	94.3	94.4	94.4	94.7	94.7
≥ 900	65.1	79.0	83.5	87.0	89.9	90.5	92.5	94.0	94.4	94.5	94.6	94.6	94.7	94.7	95.1	95.1
≥ 800	65.1	79.0	83.5	87.0	89.9	90.5	92.5	94.1	94.8	95.1	95.3	95.3	95.5	95.5	95.8	95.8
≥ 700	65.1	79.0	83.5	87.0	89.9	90.5	92.5	94.1	94.8	95.1	95.3	95.3	95.5	95.5	95.8	95.8
≥ 600	65.1	79.0	83.5	87.0	89.9	90.5	92.7	94.4	95.3	95.5	95.7	95.7	95.9	95.9	96.2	96.2
≥ 500	65.1	79.0	83.5	87.0	89.9	90.5	92.7	94.5	95.5	95.8	96.1	96.2	96.8	96.8	97.1	97.1
≥ 400	65.1	79.0	83.5	87.0	89.9	90.5	92.7	94.6	95.9	96.2	96.6	96.7	97.2	97.2	97.5	97.6
≥ 300	65.1	79.0	83.5	87.0	89.9	90.5	92.7	94.7	96.2	96.6	97.0	97.1	97.7	97.7	98.1	98.2
≥ 200	65.1	79.0	83.5	87.0	89.9	90.5	92.7	94.7	96.2	96.6	97.0	97.1	97.8	98.0	98.4	98.6
≥ 100	65.1	79.0	83.5	87.0	89.9	90.5	92.7	94.7	96.2	96.6	97.0	97.1	97.8	98.1	98.8	99.5
≥ 0	65.1	79.0	83.5	87.0	89.9	90.5	92.7	94.7	96.2	96.6	97.0	97.1	97.8	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JAN (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	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	31.4	37.0	38.2	39.4	40.4	40.5	40.8	41.1	41.3	41.3	41.4	41.4	41.4	41.6	41.6	41.6
≥ 20000	32.0	37.8	39.0	40.3	41.7	41.8	42.0	42.4	42.6	42.6	42.7	42.7	42.7	43.0	43.1	43.1
≥ 18000	32.2	38.1	39.4	40.6	42.2	42.3	42.5	42.8	43.0	43.0	43.1	43.1	43.1	43.4	43.5	43.5
≥ 16000	32.3	38.2	39.5	40.8	42.3	42.4	42.6	42.9	43.1	43.1	43.2	43.2	43.2	43.5	43.7	43.7
≥ 14000	32.7	38.7	40.1	41.5	43.1	43.2	43.4	43.8	44.0	44.0	44.1	44.1	44.1	44.4	44.5	44.5
≥ 12000	34.1	40.2	41.6	43.0	44.7	44.8	45.1	45.4	45.6	45.6	45.7	45.7	45.7	46.0	46.1	46.1
≥ 10000	37.8	44.2	45.6	47.0	48.7	48.8	49.2	49.6	49.8	49.8	49.9	49.9	49.9	50.2	50.3	50.3
≥ 9000	39.6	46.0	47.4	48.8	50.5	50.6	51.1	51.4	51.6	51.6	51.7	51.7	51.7	52.0	52.2	52.2
≥ 8000	40.5	47.2	48.7	50.1	51.9	52.0	52.5	52.8	53.0	53.0	53.1	53.1	53.1	53.4	53.5	53.5
≥ 7000	43.2	50.0	51.5	53.2	55.1	55.2	55.7	56.0	56.2	56.2	56.3	56.3	56.3	56.7	56.8	56.8
≥ 6000	47.2	54.4	55.9	57.6	59.5	59.7	60.2	60.5	60.8	60.8	60.9	60.9	60.9	61.2	61.3	61.3
≥ 5000	53.5	61.8	63.9	65.7	67.5	67.7	68.3	68.6	68.8	68.8	68.9	68.9	68.9	69.2	69.4	69.4
≥ 4500	55.1	64.4	66.7	68.5	70.3	70.5	71.1	71.4	71.6	71.6	71.7	71.7	71.7	72.0	72.2	72.2
≥ 4000	57.8	67.7	70.2	72.0	74.2	74.4	74.9	75.3	75.5	75.5	75.6	75.6	75.6	75.9	76.0	76.0
≥ 3500	59.6	70.2	73.5	75.5	77.6	77.8	78.5	78.8	79.0	79.0	79.1	79.1	79.1	79.5	79.6	79.6
≥ 3000	62.8	74.3	77.8	79.8	81.9	82.2	82.9	83.2	83.4	83.4	83.5	83.5	83.5	83.9	84.0	84.0
2500	65.1	77.3	80.9	82.8	84.9	85.2	86.1	86.7	86.9	86.9	87.0	87.0	87.0	87.3	87.4	87.4
≥ 2000	65.9	78.8	82.6	84.7	87.1	87.6	88.8	89.5	89.7	89.7	89.8	89.8	89.8	90.1	90.2	90.2
≥ 1800	65.9	78.8	82.6	84.7	87.1	87.6	88.9	89.6	89.8	89.8	89.9	89.9	89.9	90.2	90.3	90.3
≥ 1500	65.9	79.1	83.1	85.4	87.7	88.4	89.9	90.6	90.9	90.9	91.0	91.0	91.0	91.3	91.4	91.4
≥ 1200	66.1	79.7	83.8	86.1	88.5	89.1	90.6	91.5	91.7	91.7	91.8	91.8	91.8	92.2	92.3	92.3
≥ 1000	66.3	80.2	84.4	87.0	89.4	90.0	91.8	92.9	93.1	93.3	93.4	93.4	93.4	93.8	93.9	93.9
≥ 900	66.3	80.2	84.4	87.0	89.4	90.0	91.8	93.2	93.4	93.7	93.8	93.8	93.8	94.1	94.2	94.2
≥ 800	66.3	80.2	84.4	87.0	89.6	90.3	92.3	93.9	94.1	94.3	94.5	94.5	94.5	94.8	94.9	94.9
≥ 700	66.3	80.2	84.6	87.2	89.8	90.5	92.5	94.1	94.3	94.5	94.7	94.7	94.8	95.2	95.3	95.3
≥ 600	66.3	80.2	84.6	87.2	89.8	90.6	92.7	94.3	94.5	94.7	95.3	95.3	95.4	95.7	95.8	95.8
≥ 500	66.3	80.2	84.6	87.2	89.8	90.6	92.8	94.5	94.7	94.9	95.5	95.5	95.6	95.9	96.1	96.1
≥ 400	66.3	80.2	84.6	87.2	89.8	90.6	92.9	94.6	94.8	95.3	95.8	95.8	95.9	96.2	96.5	96.5
≥ 300	66.3	80.2	84.6	87.2	89.8	90.6	92.9	94.6	94.8	95.3	95.9	95.9	96.1	96.5	96.7	96.7
≥ 200	66.3	80.2	84.6	87.2	89.8	90.6	92.9	94.6	94.8	95.5	96.8	96.8	97.5	98.1	98.4	98.5
≥ 100	66.3	80.2	84.6	87.2	89.8	90.6	92.9	94.6	94.8	95.5	96.8	96.8	97.5	98.3	99.1	99.7
≥ 0	66.3	80.2	84.6	87.2	89.8	90.5	92.9	94.6	94.8	95.5	96.9	96.9	97.6	98.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 10-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	34.1	38.8	40.3	41.7	42.5	42.7	43.1	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.5	43.8
≥ 20000	34.8	39.9	41.5	42.9	43.9	44.1	44.5	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.4
≥ 18000	35.3	40.4	42.2	43.5	44.6	44.8	45.3	45.7	45.8	45.8	45.9	45.9	45.9	45.9	46.0	46.2
≥ 16000	35.5	40.0	42.5	43.9	45.1	45.3	45.7	46.1	46.2	46.2	46.3	46.3	46.3	46.3	46.5	46.7
≥ 14000	36.2	41.6	43.5	44.9	46.1	46.3	46.8	47.2	47.3	47.3	47.4	47.4	47.4	47.4	47.5	47.7
≥ 12000	38.5	43.9	45.9	47.4	48.7	48.9	49.4	49.8	49.9	49.9	50.0	50.0	50.0	50.0	50.1	50.3
≥ 10000	39.9	45.6	47.8	49.5	50.8	51.0	51.6	52.0	52.2	52.2	52.3	52.3	52.3	52.3	52.4	52.6
≥ 9000	41.4	47.1	49.4	51.0	52.3	52.5	53.1	53.5	53.7	53.7	53.8	53.8	53.8	53.8	53.9	54.1
≥ 8000	43.3	49.5	51.9	53.5	54.9	55.2	55.9	56.3	56.5	56.5	56.6	56.6	56.6	56.6	56.7	56.9
≥ 7000	47.0	53.2	55.8	57.4	59.0	59.2	60.0	60.4	60.6	60.6	60.8	60.8	60.8	60.8	60.9	61.1
≥ 6000	50.4	56.8	59.6	61.2	62.8	63.0	63.8	64.2	64.4	64.4	64.5	64.5	64.5	64.5	64.6	64.8
≥ 5000	55.2	61.9	65.2	66.8	68.4	68.6	69.4	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.2	70.4
≥ 4500	57.6	64.8	68.3	69.9	71.6	71.8	72.6	73.0	73.2	73.3	73.4	73.4	73.4	73.4	73.5	73.8
≥ 4000	60.3	67.6	71.2	72.8	74.5	74.8	75.7	76.1	76.3	76.5	76.6	76.6	76.6	76.6	76.7	76.9
≥ 3500	62.2	70.5	74.4	76.2	78.0	78.3	79.2	79.8	80.0	80.1	80.2	80.2	80.2	80.2	80.3	80.5
≥ 3000	63.7	72.6	76.7	78.6	80.4	81.0	82.2	82.8	83.0	83.1	83.2	83.2	83.2	83.2	83.3	83.5
> 2500	64.7	74.4	79.0	81.0	83.1	83.7	84.8	85.8	86.0	86.2	86.3	86.3	86.3	86.3	86.5	86.7
≥ 2000	65.1	75.4	80.2	82.4	84.8	85.4	86.6	87.7	88.0	88.2	88.3	88.3	88.3	88.3	88.4	88.6
≥ 1800	65.1	75.4	80.2	82.4	84.8	85.4	86.6	87.7	88.0	88.2	88.3	88.4	88.4	88.4	88.5	88.7
≥ 1500	65.7	76.0	81.4	83.9	86.4	87.1	88.4	89.9	90.1	90.3	90.5	90.8	90.8	90.8	90.9	91.1
≥ 1200	65.9	76.9	81.7	84.2	87.1	87.6	88.9	90.4	90.6	91.0	91.2	91.4	91.4	91.4	91.5	91.7
≥ 1000	66.0	77.0	81.8	84.4	87.3	88.0	89.5	91.1	91.4	91.9	92.3	92.5	92.6	92.6	92.7	92.9
≥ 900	66.0	77.0	81.8	84.4	87.3	88.0	89.6	91.3	91.6	92.2	92.5	92.7	92.8	92.8	92.9	93.1
≥ 800	66.0	77.0	81.9	84.5	87.5	88.2	90.0	92.0	92.4	92.9	93.2	93.4	93.5	93.5	93.8	94.0
≥ 700	66.0	77.0	82.2	84.7	87.8	88.5	90.3	92.5	92.9	93.4	94.1	94.5	94.8	94.8	95.1	95.3
≥ 600	66.0	77.0	82.2	84.7	87.8	88.5	90.4	92.6	93.1	93.7	94.4	94.8	95.3	95.3	95.6	95.8
≥ 500	66.0	77.1	82.3	84.9	88.1	88.7	90.6	92.9	93.5	94.3	95.2	95.8	96.2	96.3	96.7	96.9
≥ 400	66.0	77.1	82.3	84.9	88.1	88.7	90.6	92.9	93.7	94.5	95.5	96.0	96.6	97.0	97.3	97.5
≥ 300	66.0	77.1	82.3	84.9	88.2	88.8	90.8	93.2	94.0	95.1	96.1	96.8	97.4	98.0	98.3	98.5
≥ 200	66.0	77.1	82.3	84.9	88.2	88.8	90.8	93.2	94.0	95.2	96.2	96.9	97.5	98.1	98.8	99.2
≥ 100	66.0	77.1	82.3	84.9	88.2	88.8	90.8	93.2	94.0	95.2	96.2	96.9	97.6	98.2	98.9	99.8
≥ 0	66.0	77.1	82.3	84.9	88.2	88.8	90.8	93.2	94.0	95.2	96.2	96.9	97.7	98.3	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70, 73-78 (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	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	27.8	34.9	36.1	37.4	38.3	38.4	38.6	39.0	39.1	39.4	39.6	39.7	39.8	39.8	39.8	39.9
≥ 20000	28.9	36.2	37.6	39.0	40.1	40.2	40.5	41.0	41.2	41.4	41.6	41.7	41.8	41.8	41.8	41.9
≥ 16000	29.4	36.8	38.3	39.7	41.0	41.2	41.5	41.9	42.2	42.4	42.6	42.7	42.8	42.8	42.8	42.9
≥ 14000	30.4	37.8	39.4	40.8	42.0	42.3	42.6	43.0	43.2	43.4	43.7	43.8	43.9	43.9	43.9	44.0
≥ 12000	32.7	40.2	41.7	43.1	44.5	44.8	45.2	45.6	45.8	46.0	46.2	46.3	46.5	46.5	46.5	46.6
≥ 10000	34.0	41.8	43.7	45.3	46.7	47.0	47.3	47.7	48.0	48.2	48.4	48.5	48.6	48.6	48.6	48.7
≥ 9000	36.8	45.1	47.4	49.1	50.5	50.9	51.2	51.7	51.9	52.2	52.4	52.5	52.7	52.7	52.8	52.9
≥ 8000	37.8	46.1	48.8	50.5	51.9	52.3	52.6	53.1	53.3	53.5	53.8	53.9	54.1	54.1	54.2	54.3
≥ 7000	39.8	48.4	51.1	52.8	54.2	54.5	54.8	55.4	55.7	55.9	56.1	56.2	56.5	56.5	56.6	56.7
≥ 6000	43.9	52.6	55.3	57.0	58.4	58.7	59.0	59.6	59.9	60.1	60.3	60.4	60.6	60.6	60.8	60.9
≥ 5000	47.5	56.7	59.5	61.4	62.9	63.2	63.7	64.2	64.5	64.7	64.9	65.1	65.3	65.3	65.4	65.5
≥ 4500	51.1	61.2	64.1	66.1	67.6	68.0	68.5	69.0	69.5	69.7	70.0	70.1	70.4	70.4	70.5	70.6
≥ 4000	52.8	63.3	66.5	68.7	70.2	70.5	71.1	71.6	72.0	72.3	72.6	72.7	73.0	73.0	73.1	73.2
≥ 3500	55.9	67.2	70.4	72.8	74.3	74.6	75.2	75.9	76.3	76.6	76.9	77.0	77.3	77.3	77.4	77.5
≥ 3000	57.3	68.8	72.3	74.7	76.5	76.9	77.5	78.3	78.7	78.9	79.2	79.4	79.7	79.7	79.8	79.9
≥ 2500	59.7	71.8	75.5	78.1	80.0	80.6	81.3	82.2	82.6	82.8	83.2	83.3	83.7	83.7	83.8	83.9
≥ 2000	60.9	73.1	77.1	79.9	82.3	82.9	83.8	84.7	85.3	85.6	86.1	86.2	86.6	86.6	86.7	86.9
≥ 1800	61.2	73.5	77.7	81.0	83.5	84.3	85.8	86.9	87.4	87.8	88.4	88.5	89.0	89.0	89.1	89.4
≥ 1500	61.2	73.7	77.8	81.3	83.9	84.6	86.1	87.2	87.7	88.2	88.7	88.8	89.4	89.4	89.5	89.7
≥ 1200	61.6	74.2	78.5	81.9	84.5	85.3	87.1	88.3	88.8	89.4	90.0	90.1	90.6	90.6	90.8	91.0
≥ 1000	61.5	74.3	78.6	82.2	84.7	85.5	87.3	88.6	89.1	89.7	90.3	90.4	91.2	91.2	91.3	91.5
≥ 900	61.6	74.3	78.8	82.5	85.3	86.0	88.1	89.9	90.5	91.5	92.5	92.6	93.4	93.4	93.5	93.8
≥ 800	61.6	74.3	78.9	82.6	85.4	86.1	88.2	90.0	90.6	91.6	92.6	92.7	93.5	93.5	93.7	93.9
≥ 700	61.6	74.3	78.9	82.6	85.4	86.1	88.2	90.1	90.8	91.7	92.9	93.0	94.0	94.2	94.4	94.6
≥ 600	61.6	74.3	78.9	82.6	85.5	86.2	88.3	90.3	91.1	92.4	93.8	93.9	94.9	95.2	95.4	95.7
≥ 500	61.6	74.3	78.9	82.6	85.5	86.2	88.3	90.4	91.2	92.5	94.0	94.1	95.2	95.7	95.9	96.2
≥ 400	61.6	74.3	78.9	82.6	85.5	86.2	88.3	90.4	91.2	92.7	94.2	94.5	95.7	96.3	96.7	97.0
≥ 300	61.6	74.3	78.9	82.6	85.5	86.2	88.3	90.4	91.2	93.2	94.8	95.2	96.6	97.2	97.6	98.1
≥ 200	61.6	74.4	79.0	82.7	85.6	86.3	88.4	90.5	91.3	93.4	95.1	95.4	97.1	97.8	98.9	99.4
≥ 100	61.6	74.4	79.0	82.7	85.6	86.3	88.4	90.5	91.3	93.4	95.2	95.6	97.3	98.1	99.1	99.7
≥ 0	61.6	74.4	79.0	82.7	85.6	86.3	88.4	90.5	91.3	93.4	95.2	95.6	97.3	98.1	99.1	100.0
	61.6	74.4	79.0	82.7	85.6	86.3	88.4	90.5	91.3	93.4	95.2	95.6	97.3	98.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 12PM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥5/16	<½	≥0
NO CEILING	24.7	30.6	33.5	34.9	36.4	36.7	37.2	38.3	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 20000	26.7	32.7	35.7	37.4	39.3	39.6	40.2	41.2	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 18000	27.0	33.0	36.2	37.9	39.9	40.3	40.8	41.9	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 16000	28.5	34.7	37.9	39.6	41.7	42.0	42.5	43.6	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 14000	30.0	36.4	39.7	41.4	43.5	43.8	44.3	45.4	45.6	45.7	45.9	45.9	45.9	45.9	45.9	45.9
≥ 12000	31.0	37.5	41.0	42.9	45.1	45.4	46.2	47.4	47.7	47.9	48.0	48.0	48.0	48.0	48.0	48.0
≥ 10000	34.3	40.9	44.6	46.6	48.8	49.1	49.8	51.0	51.3	51.6	51.7	51.7	51.7	51.7	51.7	51.7
≥ 9000	35.4	42.3	46.1	48.1	50.3	50.6	51.3	52.6	53.0	53.2	53.3	53.3	53.3	53.3	53.3	53.3
≥ 8000	38.1	45.2	49.2	51.3	53.6	54.0	54.8	56.1	56.4	56.6	56.7	56.7	56.7	56.7	56.7	56.7
≥ 7000	40.2	47.8	51.9	54.3	56.5	56.9	58.0	59.3	59.6	59.8	60.0	60.0	60.0	60.0	60.0	60.0
≥ 6000	43.4	51.7	55.9	58.2	60.5	60.9	62.0	63.6	63.9	64.2	64.3	64.3	64.3	64.3	64.3	64.3
≥ 5000	47.1	55.8	60.2	62.8	65.4	65.9	67.1	68.7	69.0	69.4	69.5	69.5	69.5	69.5	69.5	69.5
≥ 4500	49.5	58.7	63.2	65.8	68.5	68.9	70.1	71.7	72.0	72.4	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4000	53.3	63.3	68.5	71.3	74.1	74.5	76.0	77.7	78.0	78.5	78.6	78.6	78.6	78.6	78.6	78.6
≥ 3500	54.7	64.9	70.4	73.4	76.7	77.2	78.7	80.4	80.7	81.2	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3000	56.3	66.7	72.6	75.9	79.4	80.0	81.5	83.3	83.7	84.2	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2500	57.3	67.9	74.0	77.5	81.5	82.1	83.6	85.6	86.1	86.3	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2000	57.8	68.7	75.0	79.1	83.4	84.2	85.8	87.7	88.3	88.7	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	57.8	68.7	75.2	79.3	83.6	84.4	86.0	87.9	88.5	88.9	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1500	57.9	69.1	76.0	80.1	84.4	85.1	86.9	89.1	89.9	90.5	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1200	57.9	69.2	76.2	80.5	84.9	85.9	87.7	90.0	90.9	91.6	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1000	57.9	69.3	76.3	80.6	85.3	86.3	88.2	91.0	91.8	92.9	93.6	93.8	93.8	93.8	93.8	93.8
≥ 900	57.9	69.3	76.3	80.6	85.3	86.3	88.2	91.2	92.1	93.3	94.2	94.3	94.4	94.4	94.4	94.4
≥ 800	57.9	69.3	76.3	80.6	85.3	86.4	88.4	91.4	92.4	93.5	94.8	94.9	95.0	95.0	95.2	95.2
≥ 700	57.9	69.3	76.3	80.6	85.3	86.4	88.4	91.5	92.8	94.2	95.7	95.9	96.0	96.0	96.1	96.1
≥ 600	57.9	69.3	76.3	80.6	85.3	86.5	88.5	91.6	92.9	94.3	95.9	96.1	96.2	96.3	96.4	96.4
≥ 500	57.9	69.3	76.3	80.6	85.3	86.5	88.5	91.8	93.2	94.8	96.6	96.9	97.0	97.3	97.4	97.4
≥ 400	57.9	69.3	76.3	80.6	85.3	86.5	88.5	91.8	93.3	95.0	97.0	97.5	97.6	98.1	98.2	98.2
≥ 300	57.9	69.3	76.3	80.6	85.3	86.5	88.5	91.8	93.3	95.0	97.0	97.7	98.2	98.6	99.1	99.4
≥ 200	57.9	69.3	76.3	80.6	85.3	86.5	88.5	91.8	93.3	95.0	97.0	97.7	98.3	98.7	99.4	99.6
≥ 100	57.9	69.3	76.3	80.6	85.3	86.5	88.5	91.8	93.3	95.0	97.0	97.7	98.3	98.7	99.4	100.0
≥ 0	57.9	69.3	76.3	80.6	85.3	86.5	88.5	91.8	93.3	95.0	97.0	97.7	98.3	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JAN (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	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	26.1	29.8	31.8	34.1	35.9	36.5	37.3	38.2	38.3	38.4	38.7	38.7	38.7	38.7	38.7	38.7
≥ 20000	27.8	31.6	34.0	36.6	38.8	39.4	40.2	41.3	41.4	41.5	41.8	41.8	41.8	41.8	41.8	41.8
≥ 18000	29.2	33.1	35.5	38.2	40.4	41.0	41.8	42.9	43.0	43.1	43.4	43.4	43.4	43.4	43.4	43.4
≥ 16000	30.3	34.2	36.8	39.6	41.8	42.4	43.4	44.6	44.8	44.9	45.3	45.3	45.3	45.3	45.3	45.3
≥ 14000	32.3	36.1	38.9	42.0	44.7	45.3	46.3	47.5	47.7	47.8	48.2	48.2	48.2	48.2	48.2	48.2
≥ 12000	34.2	38.4	41.2	44.4	47.2	47.7	48.9	50.2	50.6	50.8	51.1	51.1	51.1	51.1	51.1	51.1
≥ 10000	37.1	41.5	44.4	47.8	51.0	51.5	52.9	54.2	54.6	54.7	55.1	55.1	55.1	55.1	55.1	55.1
≥ 9000	38.7	43.3	46.2	49.8	53.0	53.5	54.9	56.3	56.8	56.9	57.2	57.2	57.2	57.2	57.2	57.2
≥ 8000	41.5	46.5	49.5	53.0	56.2	56.8	58.2	59.6	60.0	60.1	60.4	60.4	60.4	60.4	60.4	60.4
≥ 7000	43.0	48.4	51.4	54.9	58.3	58.8	60.2	61.6	62.0	62.2	62.5	62.5	62.5	62.5	62.5	62.5
≥ 6000	45.8	51.6	54.6	58.3	61.6	62.2	63.5	64.9	65.4	65.6	65.9	65.9	65.9	65.9	65.9	65.9
≥ 5000	52.4	58.6	61.8	65.5	69.2	69.8	71.2	72.7	73.1	73.7	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4500	55.7	62.9	66.1	69.8	73.5	74.1	75.6	77.1	77.5	78.1	78.4	78.4	78.4	78.4	78.4	78.4
≥ 4000	58.1	65.6	68.9	72.8	76.8	77.3	78.9	80.5	81.1	81.6	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3500	59.2	66.8	70.4	74.4	78.4	78.9	80.5	82.3	82.8	83.3	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3000	61.1	69.4	73.2	77.4	81.6	82.3	84.2	85.9	86.6	87.2	87.5	87.5	87.5	87.5	87.6	87.6
≥ 2500	61.8	70.6	74.6	78.8	83.3	84.1	86.6	88.4	89.1	89.9	90.2	90.2	90.2	90.2	90.3	90.3
≥ 2000	61.9	71.0	75.2	79.4	83.9	84.6	87.4	89.2	90.0	90.8	91.1	91.1	91.1	91.1	91.2	91.2
≥ 1800	61.9	71.0	75.2	79.4	84.0	84.7	87.5	89.4	90.1	90.9	91.2	91.2	91.2	91.2	91.3	91.3
≥ 1500	61.9	71.3	75.6	79.9	84.5	85.3	88.3	90.1	91.0	91.7	92.0	92.0	92.0	92.0	92.2	92.2
≥ 1200	61.9	71.3	75.6	79.9	84.6	85.7	88.8	90.8	91.6	92.4	92.7	92.7	92.7	92.7	92.8	92.8
≥ 1000	62.2	71.5	76.0	80.3	85.3	86.2	89.8	92.0	92.9	93.7	94.0	94.0	94.2	94.2	94.3	94.3
≥ 900	62.2	71.5	76.0	80.3	85.3	86.2	89.8	92.3	93.1	94.0	94.4	94.4	94.6	94.6	94.7	94.7
≥ 800	62.2	71.5	76.1	80.4	85.4	86.3	89.9	92.6	93.4	94.5	95.4	95.4	95.7	95.7	95.8	95.8
≥ 700	62.2	71.5	76.2	80.5	85.5	86.5	90.1	92.9	93.9	95.1	96.0	96.0	96.5	96.5	96.6	96.6
≥ 600	62.2	71.5	76.2	80.5	85.5	86.5	90.1	93.0	94.1	95.3	96.2	96.2	96.7	96.7	96.8	96.8
≥ 500	62.2	71.5	76.2	80.5	85.5	86.6	90.2	93.1	94.3	95.5	96.9	96.9	97.4	97.4	97.6	97.6
≥ 400	62.2	71.5	76.2	80.5	85.5	86.6	90.2	93.1	94.3	95.5	96.9	96.9	97.6	97.6	98.1	98.1
≥ 300	62.2	71.5	76.2	80.5	85.5	86.6	90.2	93.1	94.3	95.5	97.0	97.0	97.7	97.7	98.6	98.7
≥ 200	62.2	71.5	76.2	80.5	85.5	86.6	90.2	93.1	94.3	95.5	97.0	97.0	97.7	97.8	99.0	99.5
≥ 100	62.2	71.5	76.2	80.5	85.5	86.6	90.2	93.1	94.3	95.5	97.0	97.0	97.7	97.8	99.1	99.7
≥ 0	62.2	71.5	76.2	80.5	85.5	86.6	90.2	93.1	94.3	95.5	97.0	97.0	97.7	97.8	99.1	100.0

TOTAL NUMBER O. OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	28.3	32.0	33.9	37.1	38.6	39.8	40.6	41.4	41.5	41.7	41.7	41.7	41.8	41.8	42.0	42.3
≥ 20000	29.0	32.8	34.7	38.1	39.8	41.0	42.0	42.8	42.9	43.1	43.1	43.1	43.2	43.2	43.4	43.7
≥ 18000	29.5	33.2	35.2	38.6	40.6	41.8	42.9	43.7	43.8	44.0	44.0	44.0	44.1	44.1	44.3	44.5
≥ 16000	30.1	34.2	36.1	39.6	41.6	42.8	43.9	44.6	44.7	44.9	44.9	44.9	45.1	45.1	45.3	45.5
≥ 14000	32.0	36.1	38.3	41.8	44.3	45.5	46.6	47.4	47.6	47.8	47.8	47.8	48.0	48.0	48.2	48.4
≥ 12000	34.0	38.3	40.5	44.4	47.4	48.6	49.8	50.6	50.9	51.1	51.2	51.2	51.3	51.3	51.5	51.7
≥ 10000	37.6	42.3	44.5	48.6	51.6	52.9	54.2	55.1	55.3	55.5	55.6	55.6	55.7	55.7	55.9	56.1
≥ 9000	39.2	44.1	46.3	50.4	53.4	54.7	56.0	56.9	57.1	57.3	57.4	57.4	57.5	57.5	57.7	58.0
≥ 8000	41.0	46.5	48.8	52.9	55.9	57.3	58.6	59.5	59.7	59.9	60.1	60.1	60.2	60.2	60.4	60.6
≥ 7000	43.2	49.8	52.3	56.5	59.6	61.0	62.3	63.2	63.4	63.7	63.9	63.9	64.0	64.0	64.2	64.4
≥ 6000	46.9	53.7	56.1	60.3	63.4	64.8	66.1	67.2	67.4	67.6	67.8	67.8	68.0	68.0	68.2	68.4
≥ 5000	52.7	59.8	62.3	66.5	69.7	71.1	72.5	73.5	73.8	74.2	74.4	74.4	74.5	74.5	74.7	74.9
≥ 4500	56.0	63.4	66.2	70.5	73.8	75.2	76.7	77.7	78.0	78.4	78.6	78.6	78.7	78.7	78.9	79.1
≥ 4000	58.5	66.3	69.4	73.8	77.0	78.4	79.9	81.1	81.3	81.7	82.0	82.0	82.2	82.2	82.4	82.6
≥ 3500	60.1	68.1	71.3	75.8	79.0	80.4	81.9	83.1	83.3	83.8	84.1	84.1	84.2	84.2	84.4	84.6
≥ 3000	62.0	71.3	74.7	79.4	82.9	84.3	85.8	87.0	87.2	87.6	88.0	88.0	88.2	88.2	88.4	88.6
≥ 2500	62.9	73.2	76.7	81.3	85.1	86.5	88.2	89.4	89.7	90.1	90.4	90.4	90.6	90.6	90.9	91.1
≥ 2000	63.1	73.4	77.0	81.7	85.7	87.2	88.9	90.1	90.4	91.0	91.4	91.4	91.6	91.6	91.8	92.0
≥ 1800	63.2	73.5	77.1	81.8	85.8	87.3	89.0	90.2	90.5	91.1	91.5	91.5	91.7	91.7	91.9	92.2
≥ 1500	63.4	73.9	77.4	82.2	86.3	87.8	89.7	90.9	91.3	91.8	92.3	92.3	92.5	92.5	92.7	92.9
≥ 1200	63.4	73.9	77.5	82.3	86.8	88.4	90.2	91.5	92.0	92.7	93.1	93.1	93.3	93.3	93.5	93.8
≥ 1000	63.7	74.3	78.1	83.0	87.5	89.2	91.4	92.8	93.3	94.2	94.8	94.9	95.2	95.2	95.4	95.6
≥ 900	63.7	74.3	78.1	83.0	87.5	89.2	91.4	92.8	93.3	94.2	94.8	94.9	95.2	95.2	95.4	95.6
≥ 800	63.9	74.5	78.3	83.2	87.7	89.5	91.8	93.2	93.8	94.7	95.4	95.5	95.7	95.7	95.9	96.1
≥ 700	64.0	74.7	78.5	83.4	88.0	89.7	92.0	93.4	94.0	95.1	95.7	95.8	96.0	96.0	96.2	96.5
≥ 600	64.0	74.7	78.6	83.5	88.1	89.8	92.2	93.5	94.1	95.2	95.8	95.9	96.2	96.2	96.5	96.7
≥ 500	64.0	74.7	78.6	83.5	88.1	89.8	92.2	93.5	94.1	95.2	95.9	96.2	96.7	96.7	96.9	97.1
≥ 400	64.0	74.7	78.6	83.5	88.1	89.8	92.2	93.5	94.2	95.3	96.1	96.7	97.1	97.2	97.4	97.6
≥ 300	64.0	74.7	78.6	83.5	88.1	89.8	92.2	93.5	94.2	95.3	96.1	96.7	97.4	97.6	97.8	98.1
≥ 200	64.0	74.7	78.6	83.5	88.1	89.8	92.2	93.5	94.2	95.5	96.3	96.9	97.6	98.0	98.4	98.7
≥ 100	64.0	74.7	78.6	83.5	88.1	89.8	92.2	93.5	94.2	95.5	96.3	96.9	97.7	98.1	98.5	99.0
≥ 0	64.0	74.7	78.6	83.5	88.1	89.8	92.2	93.5	94.2	95.5	96.3	96.9	97.7	98.1	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEAR) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	28.7	34.0	36.8	39.1	40.0	40.5	41.5	41.6	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 20000	30.1	35.4	38.3	40.6	41.7	42.3	43.2	43.3	43.5	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 18000	30.4	35.7	38.8	41.2	42.3	42.8	43.8	43.9	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 16000	30.6	36.2	39.4	41.7	42.8	43.3	44.3	44.4	44.6	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 14000	31.6	37.2	40.3	42.7	43.8	44.3	45.3	45.5	45.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 12000	33.3	38.9	42.3	44.8	45.9	46.6	47.6	47.8	48.1	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 10000	35.5	41.1	44.7	47.3	48.6	49.2	50.3	50.5	50.9	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 9000	36.7	42.3	46.0	48.6	49.9	50.5	51.6	51.8	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 8000	38.1	44.5	48.3	51.0	52.4	53.1	54.2	54.4	54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 7000	40.6	48.1	51.8	54.6	56.3	57.2	58.4	58.7	59.0	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 6000	46.3	54.0	57.8	60.6	62.4	63.2	64.4	64.7	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 5000	51.2	59.1	63.2	66.3	68.1	68.9	70.2	70.5	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 4500	53.5	62.4	66.7	69.8	71.6	72.5	73.8	74.2	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 4000	55.8	65.3	69.9	73.3	75.3	76.1	77.6	78.1	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500	58.0	67.6	72.4	76.0	78.0	78.8	80.4	80.9	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3000	59.8	71.1	76.5	80.4	82.5	83.3	84.9	85.4	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2500	61.2	73.1	78.6	82.7	84.7	85.7	87.3	87.7	88.2	88.7	88.7	88.7	88.8	88.8	88.8	88.8
≥ 2000	61.3	73.9	79.6	83.7	85.7	86.8	88.4	89.0	89.5	90.1	90.2	90.2	90.3	90.3	90.3	90.4
≥ 1800	61.4	74.0	79.8	83.9	85.9	87.0	88.6	89.2	89.7	90.3	90.4	90.4	90.5	90.5	90.5	90.6
≥ 1500	61.5	74.4	80.3	84.6	86.8	87.8	89.8	90.4	90.9	91.5	91.6	91.6	91.7	91.7	91.7	91.8
≥ 1200	61.5	74.5	80.5	84.8	87.3	88.4	90.4	91.1	91.5	92.2	92.3	92.3	92.4	92.4	92.4	92.5
≥ 1000	62.2	75.3	81.3	85.6	88.3	89.4	91.6	92.5	92.9	93.8	93.9	93.9	94.0	94.0	94.1	94.3
≥ 900	62.3	75.4	81.4	85.7	88.4	89.5	91.7	92.6	93.0	93.9	94.0	94.0	94.1	94.1	94.2	94.4
≥ 800	62.4	75.6	81.6	85.9	88.6	89.7	92.0	93.0	93.7	94.7	94.8	94.8	94.9	94.9	95.1	95.3
≥ 700	62.4	75.6	81.6	85.9	88.7	89.8	92.2	93.2	93.9	94.9	95.1	95.1	95.2	95.2	95.3	95.5
≥ 600	62.4	75.6	81.6	85.9	88.7	89.8	92.2	93.2	94.0	95.2	95.3	95.4	95.5	95.5	95.6	95.8
≥ 500	62.4	75.6	81.6	85.9	88.7	89.8	92.2	93.5	94.3	95.9	96.5	96.6	96.8	96.8	96.9	97.1
≥ 400	62.4	75.6	81.6	85.9	88.7	89.8	92.2	93.5	94.3	96.0	96.6	96.7	97.0	97.1	97.2	97.4
≥ 300	62.4	75.6	81.6	85.9	88.7	89.8	92.2	93.5	94.3	96.1	96.8	97.0	97.5	97.8	98.1	98.3
≥ 200	62.4	75.6	81.6	85.9	88.7	89.8	92.2	93.5	94.3	96.1	96.8	97.1	97.6	98.0	98.3	98.6
≥ 100	62.4	75.6	81.6	85.9	88.7	89.8	92.2	93.5	94.3	96.1	96.8	97.1	97.6	98.1	98.5	99.2
≥ 0	62.4	75.6	81.6	85.9	88.7	89.8	92.2	93.5	94.3	96.1	96.8	97.1	97.6	98.1	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JAN (MONTH)

ALL (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	29.2	34.4	36.3	38.1	39.3	39.8	40.3	40.8	40.9	41.1	41.1	41.1	41.2	41.2	41.3	41.3
≥ 20000	30.4	35.7	37.7	39.7	41.2	41.6	42.2	42.8	42.9	43.1	43.1	43.2	43.2	43.2	43.3	43.4
≥ 18000	30.9	36.3	38.4	40.5	42.0	42.5	43.1	43.6	43.8	43.9	44.0	44.0	44.0	44.1	44.2	44.2
≥ 15000	31.5	37.1	39.2	41.3	42.9	43.3	43.9	44.5	44.7	44.8	44.9	44.9	44.9	45.0	45.0	45.1
≥ 14000	32.9	38.5	40.7	42.9	44.6	45.1	45.7	46.3	46.5	46.6	46.7	46.7	46.7	46.8	46.9	46.9
≥ 12000	34.5	40.3	42.7	45.0	46.8	47.3	48.0	48.6	48.8	49.0	49.1	49.1	49.1	49.2	49.3	49.3
≥ 10000	37.2	43.2	45.7	48.2	50.1	50.6	51.4	52.0	52.2	52.4	52.5	52.5	52.5	52.6	52.7	52.8
≥ 9000	38.5	44.7	47.3	49.7	51.6	52.1	52.9	53.5	53.8	53.9	54.1	54.1	54.1	54.1	54.3	54.3
≥ 8000	40.4	47.0	49.8	52.1	54.1	54.6	55.4	56.1	56.3	56.5	56.6	56.6	56.6	56.7	56.8	56.9
≥ 7000	43.1	50.1	52.9	55.4	57.5	58.1	58.9	59.6	59.9	60.0	60.2	60.2	60.2	60.3	60.4	60.4
≥ 6000	47.0	54.4	57.2	59.8	61.9	62.5	63.4	64.1	64.4	64.5	64.7	64.7	64.7	64.8	64.9	64.9
≥ 5000	52.1	60.0	63.1	65.8	68.0	68.6	69.6	70.3	70.6	70.9	71.0	71.0	71.1	71.1	71.2	71.3
≥ 4500	54.5	63.2	66.5	69.3	71.5	72.1	73.1	73.9	74.2	74.4	74.6	74.6	74.6	74.7	74.8	74.9
≥ 4000	57.4	66.6	70.1	73.0	75.4	76.0	77.0	77.9	78.2	78.5	78.7	78.7	78.7	78.8	78.9	78.9
≥ 3500	59.0	68.6	72.4	75.5	77.9	78.5	79.7	80.6	80.9	81.2	81.3	81.4	81.4	81.4	81.6	81.6
≥ 3000	61.1	71.5	75.6	78.8	81.4	82.1	83.4	84.3	84.7	85.0	85.1	85.1	85.2	85.3	85.4	85.5
≥ 2500	62.2	73.2	77.6	80.9	83.7	84.5	85.9	86.9	87.4	87.7	87.9	87.9	88.0	88.0	88.2	88.2
≥ 2000	62.6	74.1	78.6	82.1	85.2	86.0	87.6	88.8	89.2	89.5	89.8	89.8	89.9	90.0	90.1	90.2
≥ 1800	62.6	74.1	78.7	82.2	85.3	86.1	87.7	88.9	89.3	89.7	89.9	89.9	90.1	90.1	90.2	90.3
≥ 1500	62.8	74.6	79.3	83.0	86.2	87.0	88.8	90.1	90.5	91.0	91.2	91.3	91.4	91.4	91.6	91.7
≥ 1200	62.9	74.8	79.6	83.3	86.7	87.5	89.4	90.8	91.3	91.7	92.0	92.0	92.2	92.2	92.4	92.4
≥ 1000	63.1	75.1	80.0	83.8	87.3	88.2	90.3	92.0	92.5	93.2	93.6	93.7	93.9	93.9	94.0	94.2
≥ 900	63.1	75.1	80.1	83.8	87.3	88.2	90.4	92.2	92.7	93.4	93.9	93.9	94.1	94.2	94.3	94.4
≥ 800	63.2	75.2	80.1	83.9	87.4	88.4	90.6	92.5	93.2	93.9	94.5	94.6	94.9	94.9	95.1	95.2
≥ 700	63.2	75.2	80.2	84.0	87.6	88.5	90.8	92.8	93.5	94.3	95.0	95.1	95.5	95.5	95.7	95.8
≥ 600	63.2	75.2	80.3	84.0	87.6	88.6	90.9	92.9	93.6	94.5	95.3	95.4	95.8	95.9	96.1	96.2
≥ 500	63.2	75.2	80.3	84.0	87.6	88.6	90.9	93.1	93.9	94.9	95.9	96.1	96.5	96.7	96.9	97.0
≥ 400	63.2	75.2	80.3	84.0	87.6	88.6	90.9	93.1	94.0	95.1	96.2	96.4	96.9	97.2	97.5	97.6
≥ 300	63.2	75.2	80.3	84.1	87.6	88.6	91.0	93.1	94.1	95.3	96.4	96.7	97.4	97.7	98.2	98.4
≥ 200	63.2	75.2	80.3	84.1	87.6	88.6	91.0	93.1	94.1	95.3	96.5	96.9	97.7	98.1	98.7	99.0
≥ 100	63.2	75.2	80.3	84.1	87.6	88.6	91.0	93.1	94.1	95.3	96.5	96.9	97.7	98.2	98.9	99.6
≥ 0	63.2	75.2	80.3	84.1	87.6	88.6	91.0	93.1	94.1	95.3	96.5	96.9	97.7	98.2	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	48.0	53.8	55.3	55.7	55.8	55.8	56.0	56.0	56.0	56.3	56.3	56.3	56.3	56.4	56.4	56.5
≥ 20000	49.6	55.7	57.2	57.6	57.7	57.7	57.9	57.9	57.9	58.2	58.2	58.2	58.2	58.3	58.3	58.4
≥ 18000	49.8	55.8	57.3	57.7	57.8	57.8	58.0	58.0	58.0	58.3	58.3	58.3	58.3	58.4	58.4	58.5
≥ 16000	49.9	55.9	57.4	57.8	57.9	57.9	58.2	58.2	58.2	58.4	58.4	58.4	58.4	58.5	58.5	58.6
≥ 14000	50.8	56.9	58.4	58.7	58.9	58.9	59.1	59.1	59.1	59.3	59.3	59.3	59.3	59.5	59.5	59.6
≥ 12000	52.6	58.9	60.4	60.8	60.9	60.9	61.1	61.1	61.1	61.3	61.3	61.3	61.3	61.5	61.5	61.6
≥ 10000	54.6	60.9	62.4	62.8	62.9	62.9	63.1	63.1	63.1	63.4	63.4	63.4	63.4	63.5	63.5	63.6
≥ 9000	55.3	61.6	63.1	63.5	63.6	63.6	63.8	63.8	63.8	64.1	64.1	64.1	64.1	64.2	64.2	64.3
≥ 8000	57.6	63.8	65.4	65.7	65.8	65.8	66.1	66.1	66.1	66.3	66.3	66.3	66.3	66.4	66.4	66.5
≥ 7000	59.8	66.8	68.6	68.9	69.0	69.0	69.3	69.3	69.3	69.5	69.5	69.5	69.5	69.6	69.6	69.7
≥ 6000	61.6	69.0	71.2	71.5	71.6	71.6	71.9	71.9	71.9	72.1	72.2	72.2	72.2	72.3	72.3	72.5
≥ 5000	66.4	74.3	77.0	77.3	77.4	77.4	77.8	77.8	77.8	78.0	78.1	78.1	78.1	78.3	78.3	78.4
≥ 4500	68.1	76.1	78.7	79.1	79.2	79.2	79.6	79.6	79.6	79.8	79.9	79.9	80.0	80.1	80.1	80.3
≥ 4000	70.6	78.8	81.4	81.8	81.9	82.0	82.4	82.4	82.4	82.6	82.7	82.7	82.9	83.0	83.0	83.1
≥ 3500	72.9	81.3	83.9	84.3	84.4	84.5	84.9	84.9	84.9	85.1	85.2	85.2	85.3	85.5	85.5	85.6
≥ 3000	75.4	84.2	86.9	87.2	87.4	87.5	87.8	87.8	87.8	88.1	88.2	88.2	88.3	88.4	88.4	88.5
≥ 2500	76.4	85.2	88.2	88.5	88.7	88.8	89.1	89.1	89.1	89.4	89.5	89.5	89.6	89.7	89.7	89.8
≥ 2000	77.0	86.2	89.4	90.0	90.1	90.3	90.7	90.7	90.8	91.0	91.1	91.1	91.3	91.4	91.4	91.5
≥ 1800	77.0	86.2	89.4	90.0	90.1	90.3	90.7	90.7	90.8	91.0	91.1	91.1	91.3	91.4	91.4	91.5
≥ 1500	77.0	86.3	89.7	90.5	90.8	91.1	91.5	91.8	92.0	92.6	92.7	92.7	92.8	92.9	92.9	93.0
≥ 1200	77.1	86.8	90.4	91.3	91.6	92.0	92.3	92.7	92.8	93.4	93.6	93.6	93.9	94.0	94.0	94.1
≥ 1000	77.1	86.9	90.9	91.8	92.4	92.8	93.3	93.6	93.7	94.4	94.7	94.7	95.0	95.3	95.3	95.4
≥ 900	77.1	86.9	90.9	91.8	92.4	92.8	93.3	93.9	94.0	94.8	95.0	95.0	95.4	95.6	95.6	95.7
≥ 800	77.1	87.0	91.0	92.0	92.6	92.9	93.6	94.2	94.3	95.3	95.5	95.5	95.9	96.1	96.1	96.2
≥ 700	77.1	87.0	91.0	92.0	92.6	92.9	93.6	94.3	94.4	95.5	96.0	96.0	96.3	96.6	96.7	96.9
≥ 600	77.1	87.0	91.0	92.0	92.7	93.0	93.9	94.6	94.7	96.0	96.5	96.5	96.8	97.0	97.3	97.3
≥ 500	77.1	87.0	91.0	92.0	92.7	93.0	93.9	94.8	94.9	96.9	96.9	96.9	97.5	97.9	98.1	98.5
≥ 400	77.1	87.0	91.0	92.0	92.7	93.0	94.0	95.0	95.2	96.6	97.5	97.5	98.1	98.8	99.1	99.4
≥ 300	77.1	87.0	91.0	92.0	92.7	93.0	94.0	95.0	95.2	96.6	97.5	97.6	98.2	99.1	99.4	99.8
≥ 200	77.1	87.0	91.0	92.0	92.7	93.0	94.0	95.0	95.2	96.6	97.5	97.6	98.3	99.2	99.5	99.9
≥ 100	77.1	87.0	91.0	92.0	92.7	93.0	94.0	95.0	95.2	96.6	97.5	97.6	98.3	99.2	99.6	100.0
0	77.1	87.0	91.0	92.0	92.7	93.0	94.0	95.0	95.2	96.6	97.5	97.6	98.3	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	46.7	51.8	52.2	52.2	52.4	52.5	52.6	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.8
≥ 20000	48.0	53.3	53.8	53.8	53.9	54.0	54.1	54.1	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.4
≥ 18000	48.5	53.9	54.4	54.4	54.5	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	55.0
≥ 16000	48.5	53.9	54.4	54.4	54.5	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	55.0
≥ 14000	49.5	55.0	55.4	55.4	55.6	55.7	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	56.0
≥ 12000	50.9	56.5	57.0	57.0	57.1	57.2	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.6
≥ 10000	53.7	59.2	59.7	59.7	59.8	59.9	60.0	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.3
≥ 9000	55.3	60.9	61.3	61.3	61.5	61.6	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.9
≥ 8000	58.0	63.6	64.2	64.2	64.5	64.7	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.1
≥ 7000	59.1	64.9	65.5	65.5	65.8	66.0	66.1	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.5
≥ 6000	62.3	68.1	68.9	68.9	69.3	69.4	69.5	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	70.0
≥ 5000	69.0	75.4	76.6	76.6	77.2	77.3	77.4	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.9
≥ 4500	71.7	78.3	79.7	79.7	80.3	80.4	80.5	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	81.0
≥ 4000	73.6	80.5	81.7	81.7	82.3	82.4	82.5	82.7	82.7	82.9	82.9	82.9	82.9	82.9	83.0	83.1
≥ 3500	75.3	82.4	83.7	83.7	84.3	84.4	84.5	84.8	84.8	84.9	84.9	84.9	84.9	84.9	85.0	85.1
≥ 3000	76.7	84.5	86.1	86.1	86.8	86.9	87.0	87.2	87.2	87.4	87.4	87.4	87.6	87.6	87.7	87.8
≥ 2500	77.7	85.7	87.4	87.4	88.2	88.3	88.4	88.7	88.7	88.8	88.8	88.8	89.0	89.0	89.1	89.2
≥ 2000	78.1	86.5	88.4	88.5	89.5	89.7	89.8	90.1	90.1	90.3	90.3	90.3	90.5	90.5	90.8	90.9
≥ 1800	78.3	86.6	88.5	88.7	89.7	90.0	90.2	90.4	90.4	90.7	90.7	90.7	90.9	90.9	91.1	91.3
≥ 1500	78.7	87.1	89.0	89.1	90.4	90.7	91.1	91.4	91.4	91.8	91.8	91.8	92.1	92.1	92.3	92.4
≥ 1200	78.8	87.6	89.5	89.6	90.9	91.1	91.6	92.0	92.0	92.6	92.7	92.8	93.0	93.0	93.3	93.4
≥ 1000	79.0	87.7	90.1	90.2	91.6	91.8	92.3	92.9	93.0	94.0	94.4	94.6	94.8	94.8	95.0	95.2
≥ 900	79.0	87.7	90.1	90.2	91.6	91.8	92.3	92.9	93.0	94.0	94.4	94.6	94.8	94.8	95.0	95.2
≥ 800	79.0	87.7	90.2	90.3	91.7	92.0	92.6	93.3	93.5	94.4	94.9	95.0	95.3	95.3	95.5	95.6
≥ 700	79.0	87.7	90.2	90.3	91.8	92.1	92.7	93.4	93.6	94.6	95.0	95.2	95.4	95.6	96.0	96.1
≥ 600	79.0	87.7	90.2	90.3	92.0	92.2	92.8	93.5	93.7	94.9	95.5	95.6	95.9	96.1	96.5	96.6
≥ 500	79.0	87.7	90.2	90.4	92.2	92.4	93.3	94.1	94.3	95.7	96.8	96.9	97.2	97.4	97.9	98.2
≥ 400	79.0	87.7	90.2	90.4	92.2	92.4	93.3	94.1	94.3	95.7	96.9	97.2	97.5	97.8	98.2	98.6
≥ 300	79.0	87.7	90.2	90.4	92.2	92.4	93.3	94.1	94.3	95.7	96.9	97.4	98.2	98.6	99.2	99.6
≥ 200	79.0	87.7	90.2	90.4	92.2	92.4	93.3	94.1	94.3	95.9	97.0	97.5	98.3	98.7	99.3	99.8
≥ 100	79.0	87.7	90.2	90.4	92.2	92.4	93.3	94.1	94.3	95.9	97.0	97.5	98.3	98.7	99.4	100.0
0	79.0	87.7	90.2	90.4	92.2	92.4	93.3	94.1	94.3	95.9	97.0	97.5	98.3	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM 10-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.4	48.3	48.8	48.8	49.1	49.1	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.6	49.6
≥ 20000	46.7	50.9	51.4	51.4	51.8	51.8	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.4	52.4
≥ 18000	47.4	51.7	52.1	52.1	52.5	52.5	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	53.1	53.1
≥ 16000	47.5	51.8	52.2	52.2	52.6	52.6	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.2	53.2
≥ 14000	49.1	53.3	53.8	53.8	54.1	54.1	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.7	54.7
≥ 12000	50.5	54.7	55.2	55.2	55.6	55.6	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.1	56.1
≥ 10000	53.7	57.9	58.4	58.4	58.7	58.7	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.3	59.3
≥ 9000	55.4	59.7	60.2	60.2	60.5	60.5	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.1	61.1
≥ 8000	57.6	61.8	62.3	62.4	62.8	62.8	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.4	63.4
≥ 7000	59.7	64.2	64.7	64.9	65.2	65.2	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.7	66.0	66.0
≥ 6000	63.0	67.8	68.4	68.8	69.1	69.1	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.7	70.0	70.0
≥ 5000	68.9	74.6	75.4	75.8	76.2	76.2	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.8	77.1	77.1
≥ 4500	72.2	78.0	78.8	79.2	79.7	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.3	80.5	80.5
≥ 4000	74.5	80.4	81.2	81.6	82.2	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.7	83.0	83.0
≥ 3500	76.1	82.2	83.0	83.5	84.0	84.0	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.9	84.9
≥ 3000	77.8	84.2	85.1	85.6	86.4	86.4	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.4	87.4
≥ 2500	78.6	85.7	86.9	87.6	88.8	88.8	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.7	89.7
≥ 2000	79.6	86.9	88.2	89.0	90.3	90.3	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.3	91.5	91.5
≥ 1800	79.7	87.0	88.3	89.1	90.5	90.5	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91.6	91.8	91.8
≥ 1500	79.7	87.1	88.7	89.5	90.9	90.9	91.7	91.8	91.8	91.8	91.8	91.8	92.0	92.1	92.3	92.3
≥ 1200	79.7	87.2	88.8	89.6	91.0	91.0	91.8	92.1	92.4	92.7	92.8	92.8	92.9	93.0	93.3	93.3
≥ 1000	79.7	87.2	88.8	89.7	91.1	91.3	92.1	92.4	92.8	93.1	93.4	93.4	93.7	93.9	94.1	94.1
≥ 900	79.7	87.2	88.8	89.7	91.1	91.3	92.1	92.4	92.8	93.1	93.4	93.4	93.7	93.9	94.1	94.1
≥ 800	79.7	87.2	88.8	89.8	91.3	91.4	92.2	92.7	93.0	93.5	93.7	93.7	94.1	94.2	94.6	94.6
≥ 700	79.7	87.4	88.9	90.0	91.5	91.6	92.4	92.9	93.3	93.7	94.2	94.3	94.8	94.9	95.3	95.3
≥ 600	79.7	87.4	89.0	90.1	91.6	91.7	92.6	93.0	93.4	94.2	95.3	95.5	96.1	96.3	96.7	96.7
≥ 500	79.7	87.4	89.0	90.1	91.7	91.8	92.7	93.1	93.5	94.4	96.1	96.3	97.2	97.4	97.8	97.8
≥ 400	79.7	87.4	89.0	90.1	91.7	91.8	92.7	93.1	93.5	94.4	96.1	96.3	97.2	97.5	97.9	97.9
≥ 300	79.7	87.4	89.0	90.1	91.7	91.8	92.7	93.4	93.7	94.8	96.5	96.7	97.6	98.0	98.6	98.7
≥ 200	79.7	87.4	89.0	90.1	91.7	91.8	92.7	93.4	93.7	94.8	96.5	96.8	97.9	98.3	99.1	99.0
≥ 100	79.7	87.4	89.0	90.1	91.7	91.8	92.7	93.4	93.7	94.8	96.5	96.8	97.9	98.3	99.1	99.6
0	79.7	87.4	89.0	90.1	91.7	91.8	92.7	93.4	93.7	94.8	96.5	96.8	97.9	98.3	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 07-70,73-78 (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	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥5/16	≥½	≥0
NO CEILING	47.4	49.3	50.7	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
> 20000	50.5	52.4	54.1	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 18000	51.1	53.0	54.7	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 16000	51.5	53.4	55.2	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
≥ 14000	52.6	54.5	56.3	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 12000	54.5	56.4	58.2	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 10000	56.9	58.7	60.6	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 9000	57.3	59.2	61.1	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 8000	59.7	61.7	63.6	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 7000	61.7	64.1	66.1	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 6000	65.8	68.3	70.3	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
≥ 5000	69.9	73.3	75.4	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.5
≥ 4500	72.9	76.4	78.6	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.7
≥ 4000	76.1	80.0	82.4	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.6
≥ 3500	77.0	81.4	83.9	84.3	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.2
≥ 3000	79.1	83.7	86.2	86.5	87.8	87.8	87.8	88.2	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.5
≥ 2500	80.0	85.0	87.7	88.3	89.8	89.8	89.8	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.5
≥ 2000	80.3	85.2	88.3	89.2	91.1	91.1	91.3	91.8	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.3
≥ 1800	80.5	85.5	88.5	89.5	91.4	91.4	91.5	92.1	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.6
≥ 1500	80.5	85.7	89.0	90.0	92.3	92.3	92.4	93.0	93.0	93.4	93.7	93.7	93.7	93.7	93.7	93.9
≥ 1200	80.5	85.7	89.0	90.0	92.6	92.7	92.8	93.4	93.4	93.9	94.2	94.3	94.4	94.4	94.4	94.6
≥ 1000	80.5	85.7	89.0	90.0	92.7	92.8	92.9	93.6	93.6	94.1	94.4	94.6	94.7	94.7	94.7	94.8
≥ 900	80.5	85.8	89.1	90.1	92.8	92.9	93.0	93.7	93.7	94.3	94.7	94.9	95.0	95.0	95.0	95.2
≥ 800	80.5	85.9	89.2	90.2	93.0	93.1	93.4	94.2	94.2	94.8	95.5	95.7	95.9	95.9	96.0	96.1
≥ 700	80.5	85.9	89.2	90.2	93.0	93.1	93.4	94.2	94.2	94.9	95.6	95.9	96.1	96.2	96.3	96.5
≥ 600	80.5	85.9	89.2	90.2	93.0	93.1	93.4	94.2	94.2	94.9	95.7	96.0	96.2	96.3	96.5	96.6
≥ 500	80.5	85.9	89.2	90.2	93.0	93.1	93.4	94.3	94.3	95.0	96.1	96.3	96.6	96.8	96.9	97.0
≥ 400	80.5	85.9	89.2	90.2	93.0	93.1	93.4	94.3	94.3	95.3	96.6	96.8	97.5	97.9	98.0	98.2
≥ 300	80.5	85.9	89.2	90.2	93.0	93.1	93.4	94.3	94.3	95.3	96.6	96.8	97.5	98.1	98.2	98.6
≥ 200	80.5	85.9	89.2	90.2	93.0	93.1	93.4	94.3	94.3	95.3	96.6	96.8	97.8	98.7	99.1	99.6
≥ 100	80.5	85.9	89.2	90.2	93.0	93.1	93.4	94.3	94.3	95.3	96.6	96.8	97.9	98.8	99.3	100.0
≥ 0	80.5	85.9	89.2	90.2	93.0	93.1	93.4	94.3	94.3	95.3	96.6	96.8	97.9	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS IST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥½	≥0
NO CEILING	45.6	49.2	50.6	51.3	51.9	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 20000	47.5	51.2	52.6	53.3	53.9	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 18000	48.2	51.9	53.3	54.0	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 16000	48.9	52.6	54.0	54.7	55.3	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 14000	50.2	53.9	55.3	56.0	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 12000	51.8	55.6	57.3	58.0	58.6	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 10000	54.4	58.2	60.0	60.8	61.3	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 9000	56.0	59.8	61.7	62.4	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 8000	58.6	62.4	64.3	65.0	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 7000	61.0	65.2	67.3	68.1	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 6000	62.4	66.7	68.7	69.5	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 5000	67.4	72.0	74.3	75.4	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4500	70.6	75.7	78.0	79.1	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 4000	73.4	78.7	81.2	82.5	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3500	74.6	80.0	82.5	83.9	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000	76.1	81.9	84.5	86.2	87.2	87.4	87.5	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7
≥ 2500	77.3	83.2	85.9	87.7	88.8	88.9	89.1	89.2	89.2	89.4	89.5	89.6	89.6	89.6	89.6	89.6
≥ 2000	78.1	84.0	86.8	88.7	90.2	90.3	90.5	90.8	91.0	91.1	91.3	91.4	91.4	91.4	91.4	91.4
≥ 1800	78.1	84.0	86.8	88.7	90.2	90.3	90.5	90.8	91.0	91.1	91.3	91.4	91.4	91.4	91.4	91.4
≥ 1500	78.4	84.3	87.0	89.2	90.9	91.4	91.6	91.8	92.2	92.3	92.4	92.6	92.6	92.6	92.6	92.6
≥ 1200	78.5	84.6	87.4	89.6	91.5	92.0	92.2	92.4	92.8	92.9	93.0	93.1	93.1	93.1	93.1	93.1
≥ 1000	78.5	84.6	87.4	89.7	91.6	92.1	92.4	92.7	93.3	93.7	94.1	94.3	94.4	94.4	94.4	94.6
≥ 900	78.5	84.8	87.5	89.8	91.7	92.2	92.6	92.8	93.4	94.1	94.6	94.8	94.9	94.9	94.9	95.0
≥ 800	78.5	84.8	87.5	89.8	91.7	92.2	92.7	92.9	93.6	94.3	94.8	95.3	95.4	95.4	95.4	95.5
≥ 700	78.5	84.9	87.6	90.1	92.0	92.6	93.0	93.3	94.0	94.7	95.3	95.9	96.0	96.1	96.1	96.2
≥ 600	78.5	84.9	87.6	90.1	92.0	92.6	93.0	93.4	94.1	94.8	95.5	96.1	96.2	96.5	96.5	96.6
≥ 500	78.5	84.9	87.6	90.1	92.0	92.6	93.1	93.5	94.2	95.2	96.0	96.7	96.8	97.2	97.2	97.3
≥ 400	78.5	84.9	87.6	90.1	92.2	92.8	93.4	93.7	94.4	95.5	96.3	97.0	97.3	97.6	97.6	97.8
≥ 300	78.5	84.9	87.6	90.1	92.2	92.8	93.4	93.7	94.4	95.5	96.5	97.2	97.4	98.2	98.8	98.9
≥ 200	78.5	84.9	87.6	90.1	92.2	92.8	93.4	93.7	94.4	95.5	96.5	97.2	97.4	98.6	99.2	99.8
≥ 100	78.5	84.9	87.6	90.1	92.2	92.8	93.4	93.7	94.4	95.5	96.5	97.2	97.4	98.6	99.2	100.0
≥ 0	78.5	84.9	87.6	90.1	92.2	92.8	93.4	93.7	94.4	95.5	96.5	97.2	97.4	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥¼	0
NO CEILING	41.1	45.7	47.0	47.8	48.7	49.1	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.5
≥ 20000	44.8	49.5	50.8	51.5	52.5	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3
≥ 18000	45.6	50.4	51.7	52.4	53.3	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1
≥ 16000	46.1	50.8	52.1	52.8	53.8	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6
≥ 14000	47.3	52.0	53.3	54.0	55.0	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8
≥ 12000	49.1	53.5	55.2	55.9	56.9	57.2	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7
≥ 10000	52.7	57.4	59.2	59.9	60.9	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7
≥ 9000	54.1	58.9	60.6	61.3	62.3	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1
≥ 8000	56.3	61.0	62.8	63.5	64.4	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2
≥ 7000	59.9	65.0	66.9	67.6	68.6	68.9	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4
≥ 6000	62.1	67.5	69.7	70.6	71.5	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3
≥ 5000	68.1	73.9	76.7	77.7	78.6	79.1	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7
≥ 4500	70.3	76.2	79.1	80.0	81.0	81.4	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0
≥ 4000	73.3	79.7	82.6	83.6	84.8	85.2	85.6	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	86.1
≥ 3500	74.5	81.0	84.0	85.0	86.2	86.6	87.0	87.1	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.5
≥ 3000	75.9	82.5	85.9	86.9	88.1	88.5	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.4
≥ 2500	76.4	83.5	87.4	88.7	90.1	90.7	91.0	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.5
≥ 2000	76.8	83.9	88.3	89.7	91.3	91.8	92.3	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.9
≥ 1800	76.8	84.0	88.5	90.0	91.5	92.1	92.6	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.1
≥ 1500	77.2	84.5	89.0	90.5	92.2	92.9	93.7	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.3
≥ 1200	77.4	84.8	89.2	91.0	92.9	93.6	94.4	94.8	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.3
≥ 000	77.4	84.8	89.2	91.0	93.0	93.7	94.8	95.2	95.4	95.6	95.9	96.0	96.0	96.0	96.0	96.1
≥ 900	77.4	84.8	89.2	91.0	93.0	93.7	94.8	95.2	95.4	95.6	95.9	96.0	96.0	96.0	96.0	96.1
≥ 800	77.4	84.9	89.4	91.1	93.1	93.9	95.0	95.4	95.7	96.0	96.5	96.6	96.6	96.6	96.6	96.7
≥ 700	77.4	85.0	89.5	91.3	93.3	94.0	95.4	95.7	96.1	96.3	96.9	97.0	97.0	97.0	97.0	97.2
≥ 600	77.4	85.0	89.5	91.3	93.3	94.0	95.4	95.7	96.1	96.3	96.9	97.2	97.2	97.2	97.2	97.3
≥ 500	77.4	85.0	89.5	91.3	93.3	94.0	95.4	95.7	96.1	96.5	97.2	97.5	97.6	97.9	98.2	98.3
≥ 400	77.4	85.0	89.5	91.3	93.3	94.0	95.4	95.7	96.1	96.6	97.4	97.8	98.0	98.2	98.6	98.8
≥ 300	77.4	85.0	89.5	91.3	93.3	94.0	95.4	95.7	96.1	96.6	97.5	98.1	98.3	98.8	99.2	99.8
≥ 200	77.4	85.0	89.5	91.3	93.3	94.0	95.4	95.7	96.1	96.6	97.5	98.2	98.5	98.9	99.3	99.9
> 100	77.4	85.0	89.5	91.3	93.3	94.0	95.4	95.7	96.1	96.6	97.5	98.2	98.5	98.9	99.3	100.0
≥ 0	77.4	85.0	89.5	91.3	93.3	94.0	95.4	95.7	96.1	96.6	97.5	98.2	98.5	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≤5/16	≥¼	≥0
NO CEILING	44.3	49.2	50.9	52.0	52.6	52.7	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4
≥ 20000	47.4	52.2	54.0	55.1	55.7	55.9	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.6
≥ 18000	47.6	52.5	54.3	55.3	55.9	56.1	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.9
≥ 16000	48.3	53.2	55.0	56.0	56.6	56.9	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.6
≥ 14000	49.3	54.3	56.0	57.1	57.7	57.9	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.6
≥ 12000	50.6	55.6	57.3	58.5	59.1	59.3	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	60.0
≥ 10000	53.9	59.2	61.2	62.5	63.1	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.1
≥ 9000	55.0	60.3	62.3	63.6	64.2	64.4	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.1
≥ 8000	57.0	62.6	64.7	66.0	66.5	66.6	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.5
≥ 7000	60.4	66.2	68.3	69.6	70.2	70.4	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.2
≥ 6000	63.0	69.0	71.4	72.8	73.4	73.6	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.3
≥ 5000	69.3	75.9	78.6	80.0	80.6	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.6
≥ 4500	71.6	78.3	81.0	82.4	83.0	83.2	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.9
≥ 4000	73.8	80.6	83.5	84.9	85.5	85.7	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.5
≥ 3500	74.9	81.8	84.6	86.2	86.8	87.0	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.8
≥ 3000	75.9	83.1	86.2	87.8	88.7	88.9	89.2	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.6	89.8
≥ 2500	78.3	85.8	89.0	90.8	91.7	92.0	92.4	92.6	92.6	92.6	92.6	92.7	92.9	92.9	93.0	93.3
≥ 2000	78.5	86.4	89.8	91.8	92.9	93.1	93.6	93.9	93.9	93.9	93.9	94.0	94.2	94.2	94.3	94.6
≥ 1800	78.5	86.4	90.0	92.0	93.0	93.3	93.7	94.0	94.0	94.0	94.0	94.1	94.3	94.3	94.4	94.7
≥ 1500	78.6	86.6	90.3	92.3	93.5	93.9	94.4	94.7	94.7	94.7	94.7	94.8	95.0	95.0	95.2	95.4
≥ 1200	78.6	86.8	90.4	92.4	93.9	94.3	94.9	95.2	95.2	95.2	95.3	95.4	95.6	95.6	95.7	96.0
≥ 1000	78.6	87.0	90.7	92.8	94.6	95.0	95.7	96.3	96.3	96.5	96.6	96.7	97.0	97.0	97.2	97.4
≥ 900	78.6	87.0	90.7	92.8	94.7	95.2	95.9	96.5	96.5	96.6	96.7	96.8	97.2	97.2	97.3	97.5
≥ 800	78.6	87.0	90.7	92.8	94.7	95.2	95.9	96.5	96.6	96.7	96.9	97.0	97.5	97.5	97.8	98.0
≥ 700	78.6	87.0	90.7	92.8	94.7	95.2	95.9	96.5	96.6	96.7	96.9	97.0	97.5	97.5	97.8	98.0
≥ 600	78.6	87.0	90.7	92.8	94.7	95.2	95.9	96.5	96.7	96.8	97.2	97.3	97.8	97.8	98.1	98.3
≥ 500	78.6	87.0	90.7	92.8	94.7	95.2	95.9	96.5	96.7	96.8	97.2	97.3	97.8	97.9	98.3	98.6
≥ 400	78.6	87.0	90.7	92.8	94.7	95.2	95.9	96.5	96.7	96.8	97.2	97.4	97.9	98.1	98.6	99.1
≥ 300	78.6	87.0	90.7	92.8	94.7	95.2	95.9	96.5	96.7	96.9	97.3	97.8	98.5	98.7	99.2	99.6
≥ 200	78.6	87.0	90.7	92.8	94.7	95.2	95.9	96.5	96.7	96.9	97.4	97.9	98.7	98.9	99.5	100.0
≥ 100	78.6	87.0	90.7	92.8	94.7	95.2	95.9	96.5	96.7	96.9	97.4	97.9	98.7	98.9	99.5	100.0
0	78.6	87.0	90.7	92.8	94.7	95.2	95.9	96.5	96.7	96.9	97.4	97.9	98.7	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	≥1¾	≥1½	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	47.4	53.1	54.7	55.2	55.2	55.3	55.4	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.9	55.9
≥ 20000	49.3	55.2	56.9	57.3	57.3	57.4	57.6	57.8	57.8	57.8	57.8	57.8	57.9	57.9	58.0	58.0
≥ 18000	49.8	55.7	57.3	57.8	57.8	57.9	58.0	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.5	58.5
≥ 16000	50.1	56.0	57.7	58.2	58.2	58.3	58.4	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.9	58.9
≥ 14000	50.8	56.9	58.5	59.0	59.0	59.1	59.2	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.7	59.7
≥ 12000	52.6	58.6	60.3	60.8	60.8	60.9	61.0	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.5	61.5
≥ 10000	55.1	61.2	62.9	63.5	63.5	63.6	63.7	63.9	63.9	63.9	63.9	63.9	64.1	64.1	64.2	64.2
≥ 9000	55.9	62.1	63.8	64.4	64.4	64.5	64.7	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.1	65.1
≥ 8000	58.4	64.5	66.3	66.9	66.9	67.0	67.1	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.6	67.6
≥ 7000	61.0	67.6	69.4	70.0	70.0	70.1	70.2	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.7	70.7
≥ 6000	63.4	70.3	72.2	72.9	72.9	73.0	73.2	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.6	73.6
≥ 5000	68.0	75.7	77.7	78.4	78.4	78.5	78.6	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.2	79.2
≥ 4500	70.3	78.4	80.9	81.6	81.6	81.7	81.8	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.4	82.4
≥ 4000	73.2	81.2	83.7	84.5	84.5	84.6	84.8	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.3	85.3
≥ 3500	74.1	82.2	84.8	85.6	85.6	85.7	85.8	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.4	86.4
≥ 3000	75.4	84.3	87.2	88.1	88.1	88.2	88.3	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.9	88.9
≥ 2500	76.7	85.8	88.8	89.6	89.8	90.0	90.1	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.7	90.7
≥ 2000	77.1	87.0	90.4	91.3	91.8	92.0	92.3	92.8	92.8	92.8	93.0	93.0	93.0	93.1	93.1	93.3	93.3
≥ 1800	77.2	87.1	90.7	91.5	92.2	92.3	92.7	93.1	93.1	93.4	93.5	93.5	93.6	93.6	93.7	93.7
≥ 1500	77.2	87.2	90.9	91.7	92.6	92.7	93.0	93.7	93.7	94.0	94.1	94.1	94.3	94.3	94.4	94.4
≥ 1200	77.2	87.2	90.9	91.7	92.6	92.7	93.0	93.7	93.7	94.0	94.1	94.1	94.4	94.6	94.7	94.7
≥ 1000	77.2	87.4	91.1	92.0	92.8	93.0	93.5	94.4	94.4	94.7	94.9	94.9	95.3	95.4	95.5	95.5
≥ 900	77.2	87.4	91.1	92.0	92.8	93.0	93.5	94.6	94.6	94.8	95.0	95.0	95.4	95.5	95.6	95.6
≥ 800	77.2	87.6	91.4	92.2	93.0	93.3	93.9	94.9	95.0	95.4	95.7	95.7	96.1	96.2	96.3	96.3
≥ 700	77.2	87.5	91.4	92.2	93.0	93.3	93.9	95.0	95.2	95.5	95.9	95.9	96.2	96.3	96.5	96.5
≥ 600	77.2	87.6	91.4	92.2	93.0	93.3	93.9	95.0	95.2	95.6	96.1	96.1	96.5	96.7	96.9	97.2
≥ 500	77.2	87.7	91.5	92.3	93.1	93.4	94.0	95.2	95.4	95.9	96.5	96.7	97.3	97.5	97.8	98.0
≥ 400	77.2	87.7	91.5	92.3	93.1	93.4	94.0	95.2	95.5	96.1	96.7	96.9	97.5	97.9	98.2	98.5
≥ 300	77.2	87.7	91.5	92.3	93.1	93.4	94.0	95.3	95.6	96.2	97.0	97.5	98.1	98.6	99.1	99.3
≥ 200	77.2	87.7	91.5	92.3	93.1	93.4	94.0	95.3	95.6	96.2	97.2	97.6	98.5	99.1	99.5	99.8
≥ 100	77.2	87.7	91.5	92.3	93.1	93.4	94.0	95.3	95.6	96.2	97.2	97.6	98.6	99.2	99.6	100.0
= 0	77.2	87.7	91.5	92.3	93.1	93.4	94.0	95.3	95.6	96.2	97.2	97.6	98.6	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (CITATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥5/16	≥¼	≥0
NO CEILING	45.6	50.0	51.3	51.7	52.1	52.2	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6
≥ 20000	48.0	52.6	53.9	54.3	54.7	54.8	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.2	55.2
≥ 18000	48.5	53.1	54.4	54.8	55.2	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.8
≥ 16000	48.9	53.5	54.8	55.2	55.6	55.7	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.1	56.1
≥ 14000	50.0	54.6	55.9	56.3	56.7	56.8	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.3
≥ 12000	51.6	56.3	57.6	58.1	58.4	58.6	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	59.0
≥ 10000	54.4	59.1	60.6	61.1	61.4	61.5	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	62.0
≥ 9000	55.6	60.3	61.8	62.3	62.6	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.2
≥ 8000	57.9	62.7	64.2	64.7	65.1	65.2	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.7
≥ 7000	60.3	65.5	67.1	67.6	68.1	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.7
≥ 6000	62.9	68.4	70.1	70.7	71.2	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.8
≥ 5000	68.4	74.4	76.5	77.1	77.6	77.7	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.3	78.3
≥ 4500	71.0	77.2	79.3	80.0	80.5	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.2
≥ 4000	73.6	80.0	82.2	82.9	83.5	83.6	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.2	84.3
≥ 3500	74.9	81.5	83.8	84.5	85.2	85.3	85.5	85.6	85.7	85.7	85.7	85.7	85.8	85.8	85.9	86.0
≥ 3000	76.5	83.5	86.0	86.8	87.5	87.7	87.9	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.4	88.5
≥ 2500	77.7	85.0	87.6	88.6	89.5	89.6	89.9	90.1	90.1	90.2	90.2	90.3	90.4	90.4	90.5	90.5
≥ 2000	78.2	85.8	88.7	89.8	90.9	91.1	91.4	91.7	91.8	91.9	92.0	92.0	92.1	92.1	92.2	92.3
≥ 1800	78.3	85.9	88.8	89.9	91.1	91.3	91.6	91.9	92.0	92.1	92.2	92.2	92.3	92.3	92.4	92.5
≥ 1500	78.4	86.1	89.2	90.4	91.7	92.0	92.4	92.8	92.9	93.1	93.2	93.2	93.3	93.4	93.5	93.5
≥ 1200	78.5	86.3	89.5	90.6	92.1	92.4	92.9	93.3	93.4	93.7	93.9	93.9	94.1	94.1	94.2	94.3
> 1000	78.5	86.4	89.6	90.9	92.5	92.8	93.4	93.9	94.1	94.5	94.8	94.9	95.1	95.2	95.3	95.4
≥ 900	78.5	86.4	89.7	90.9	92.5	92.9	93.4	94.0	94.2	94.7	95.0	95.1	95.3	95.4	95.4	95.6
≥ 800	78.5	86.5	89.8	91.0	92.6	93.0	93.6	94.3	94.5	95.1	95.4	95.6	95.8	95.9	96.0	96.1
≥ 700	78.5	86.6	89.8	91.1	92.7	93.1	93.8	94.4	94.7	95.2	95.7	95.9	96.2	96.3	96.5	96.6
≥ 600	78.5	86.6	89.8	91.1	92.8	93.1	93.8	94.5	94.8	95.4	96.1	96.3	96.6	96.7	96.9	97.1
≥ 500	78.5	86.6	89.8	91.1	92.8	93.2	93.9	94.7	94.9	95.7	96.6	96.8	97.2	97.5	97.8	98.0
≥ 400	78.5	86.6	89.8	91.1	92.9	93.2	94.0	94.7	95.0	95.9	96.8	97.1	97.6	98.0	98.3	98.5
≥ 300	78.5	86.6	89.8	91.1	92.9	93.2	94.0	94.8	95.1	96.0	97.0	97.4	98.0	98.5	99.0	99.3
≥ 200	78.5	86.6	89.8	91.1	92.9	93.2	94.0	94.8	95.1	96.0	97.0	97.5	98.2	98.8	99.3	99.8
≥ 100	78.5	86.6	89.8	91.1	92.9	93.2	94.0	94.8	95.1	96.0	97.0	97.5	98.2	98.8	99.4	100.0
0	78.5	86.6	89.8	91.1	92.9	93.2	94.0	94.8	95.1	96.0	97.0	97.5	98.2	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 07-70,73-78 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥9	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	55.4	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 20000	56.3	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 18000	56.3	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 16000	56.8	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 14000	58.5	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	60.4	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	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 9000	64.9	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 8000	67.2	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
≥ 7000	70.0	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
≥ 6000	73.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7
≥ 5000	79.4	81.0	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	81.3
≥ 4500	81.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥ 4000	85.1	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5
≥ 3500	86.3	88.5	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	88.8
≥ 3000	88.4	91.0	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	91.6
≥ 2500	89.4	92.2	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3
≥ 2000	89.8	93.1	93.8	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6
≥ 1800	89.8	93.2	93.9	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8
≥ 1500	89.8	93.2	93.9	94.5	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.2
≥ 1200	89.8	93.2	93.9	94.5	94.7	94.7	94.8	94.9	95.1	95.2	95.3	95.3	95.4	95.4	95.4	95.5
≥ 1000	89.8	93.4	94.1	94.7	94.9	95.1	95.4	95.5	95.6	95.9	96.1	96.1	96.2	96.2	96.3	96.5
≥ 900	89.8	93.4	94.1	94.7	94.9	95.1	95.4	95.5	95.6	95.9	96.2	96.2	96.3	96.3	96.5	96.6
≥ 800	89.8	93.4	94.2	94.8	95.1	95.3	95.6	95.7	95.9	96.3	96.7	96.7	96.9	97.0	97.1	97.2
≥ 700	89.8	93.5	94.3	94.9	95.2	95.4	95.7	95.8	96.0	96.5	96.9	96.9	97.1	97.2	97.3	97.4
≥ 600	89.8	93.5	94.3	94.9	95.2	95.4	95.7	95.8	96.0	96.7	97.1	97.1	97.3	97.5	97.6	97.7
≥ 500	89.8	93.5	94.3	95.1	95.3	95.5	95.8	96.0	96.3	97.0	97.4	97.4	97.6	98.0	98.1	98.2
≥ 400	89.8	93.5	94.3	95.1	95.3	95.5	95.9	96.1	96.5	97.3	97.7	97.7	98.2	98.6	98.8	99.0
≥ 300	89.8	93.5	94.3	95.1	95.3	95.5	95.9	96.1	96.5	97.3	97.7	97.8	98.3	98.7	98.9	99.1
≥ 200	89.8	93.5	94.3	95.1	95.3	95.5	95.9	96.1	96.5	97.3	97.7	97.8	98.4	98.9	99.5	99.8
≥ 100	89.8	93.5	94.3	95.1	95.3	95.5	95.9	96.1	96.5	97.3	97.7	97.8	98.4	98.9	99.6	100.0
0	89.8	93.5	94.3	95.1	95.3	95.5	95.9	96.1	96.5	97.3	97.7	97.8	98.4	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	53.2	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1	54.1
≥ 20000	55.9	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8
≥ 18000	56.0	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9
≥ 16000	56.8	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6
≥ 14000	58.8	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7
≥ 12000	60.6	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6
≥ 10000	64.0	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.1	65.1
≥ 9000	65.7	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2
≥ 8000	66.7	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7
≥ 7000	70.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5
≥ 6000	73.0	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3
≥ 5000	78.5	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.2	80.2
≥ 4500	80.4	81.7	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.3	82.3
≥ 4000	82.0	83.3	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	84.0	84.0
≥ 3500	83.9	85.2	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.9	85.9	85.9	86.0	86.0
≥ 3000	85.5	87.2	87.7	87.7	87.8	87.8	88.0	88.1	88.1	88.1	88.1	88.3	88.3	88.3	88.4	88.4
≥ 2500	86.7	89.0	89.9	89.9	90.0	90.0	90.1	90.2	90.2	90.2	90.3	90.5	90.5	90.6	90.8	90.8
≥ 2000	87.6	90.5	91.7	91.8	92.4	92.4	92.7	92.8	92.8	92.9	93.0	93.2	93.2	93.3	93.4	93.4
≥ 1800	87.6	90.5	91.7	91.8	92.5	92.6	92.9	93.0	93.0	93.1	93.2	93.4	93.4	93.5	93.7	93.7
≥ 1500	88.0	91.2	92.6	92.8	93.4	93.5	94.0	94.1	94.1	94.2	94.3	94.6	94.6	94.7	94.8	94.8
≥ 1200	88.1	91.4	92.9	93.1	93.9	94.1	94.5	94.6	94.6	94.7	94.8	95.2	95.2	95.3	95.4	95.4
≥ 1000	88.4	91.8	93.3	93.5	94.3	94.5	95.2	95.4	95.4	95.5	95.8	96.1	96.1	96.2	96.3	96.3
≥ 900	88.4	91.8	93.3	93.5	94.3	94.6	95.3	95.5	95.5	95.6	95.9	96.2	96.3	96.5	96.6	96.6
≥ 800	88.4	92.0	93.8	94.0	94.7	95.1	95.7	95.9	95.9	96.0	96.5	96.8	96.9	97.0	97.1	97.1
≥ 700	88.4	92.0	93.8	94.0	94.7	95.2	95.9	96.3	96.3	96.5	96.9	97.2	97.3	97.4	97.5	97.5
≥ 600	88.4	92.2	93.9	94.1	94.8	95.3	96.0	96.5	96.5	96.7	97.2	97.5	97.6	97.7	97.8	97.8
≥ 500	88.4	92.2	93.9	94.1	94.8	95.3	96.2	96.8	96.8	97.0	97.5	97.8	98.0	98.2	98.3	98.3
≥ 400	88.4	92.2	93.9	94.1	94.8	95.3	96.2	96.8	96.8	97.0	97.5	97.8	98.1	98.3	98.5	98.6
≥ 300	88.4	92.2	93.9	94.1	94.8	95.3	96.3	97.0	97.0	97.3	98.0	98.3	98.6	99.0	99.2	99.4
≥ 200	88.4	92.2	93.9	94.1	94.8	95.3	96.3	97.0	97.0	97.3	98.0	98.3	98.6	99.2	99.5	99.7
≥ 100	88.4	92.2	93.9	94.1	94.8	95.3	96.3	97.0	97.0	97.3	98.0	98.3	98.6	99.2	99.6	100.0
0	88.4	92.2	93.9	94.1	94.8	95.3	96.3	97.0	97.0	97.3	98.0	98.3	98.6	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS, LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥	≥	≥	≥5 16	≥	≥0
NO CEILING	49.5	49.8	49.8	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 20000	51.4	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 18000	51.8	52.2	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
> 1600	52.5	52.8	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 14000	53.0	53.3	53.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 12000	55.9	56.2	56.2	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 10000	60.8	61.1	61.1	61.1	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 9000	61.8	62.2	62.2	62.3	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 8000	64.9	65.3	65.3	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 7000	68.7	69.1	69.1	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 6000	72.9	73.3	73.4	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 5000	78.6	79.2	79.5	79.7	79.9	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4500	80.5	81.2	81.4	81.6	81.8	81.9	81.9	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4000	83.3	84.0	84.2	84.5	84.7	84.8	84.8	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.4
≥ 3500	85.3	85.9	86.3	86.7	86.9	87.0	87.0	87.3	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.6
≥ 3000	87.0	87.7	88.3	88.7	88.9	89.0	89.1	89.7	89.7	89.8	89.9	89.9	89.9	89.9	89.9	90.0
≥ 2500	88.2	89.0	89.6	90.1	90.3	90.4	90.6	91.2	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.6
≥ 2000	88.9	90.0	91.0	91.6	92.2	92.3	92.5	93.1	93.1	93.4	93.5	93.5	93.5	93.5	93.5	93.7
≥ 1800	89.0	90.2	91.3	91.9	92.5	92.6	92.8	93.4	93.4	93.8	93.9	93.9	93.9	93.9	93.9	94.0
≥ 1500	89.4	91.0	92.2	92.8	93.4	93.5	93.8	94.5	94.5	94.8	94.9	94.9	94.9	94.9	94.9	95.1
≥ 1200	89.5	91.1	92.3	92.9	93.5	93.7	93.9	94.6	94.6	95.1	95.2	95.2	95.2	95.2	95.2	95.3
> 1000	89.5	91.1	92.4	93.0	93.8	93.9	94.4	95.4	95.4	96.0	96.1	96.2	96.2	96.2	96.3	96.5
≥ 900	89.5	91.1	92.4	93.0	93.8	93.9	94.5	95.5	95.5	96.1	96.2	96.3	96.3	96.3	96.5	96.6
≥ 800	89.5	91.1	92.5	93.1	93.9	94.0	94.6	95.7	95.8	96.5	96.8	96.9	97.0	97.1	97.2	97.3
≥ 700	89.5	91.1	92.5	93.1	93.9	94.0	94.6	95.8	95.9	96.7	97.0	97.1	97.3	97.4	97.5	97.5
≥ 600	89.5	91.1	92.5	93.1	93.9	94.0	94.6	95.8	95.9	96.9	97.2	97.4	97.6	97.7	98.0	98.1
≥ 500	89.5	91.1	92.5	93.1	93.9	94.0	94.6	95.9	96.0	97.1	97.4	97.6	97.8	98.0	98.2	98.3
≥ 400	89.5	91.1	92.5	93.1	93.9	94.0	94.7	96.0	96.1	97.3	97.6	97.8	98.4	98.5	98.7	98.8
≥ 300	89.5	91.1	92.5	93.1	93.9	94.0	94.8	96.2	96.3	97.5	97.8	98.3	98.8	98.9	99.4	99.5
≥ 200	89.5	91.1	92.5	93.1	93.9	94.0	94.8	96.2	96.3	97.5	97.8	98.3	98.9	99.0	99.8	100.0
≥ 100	89.5	91.1	92.5	93.1	93.9	94.0	94.8	96.2	96.3	97.5	97.8	98.3	98.9	99.0	99.8	100.0
≥	89.5	91.1	92.5	93.1	93.9	94.0	94.8	96.2	96.3	97.5	97.8	98.3	98.9	99.0	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	<1	≥	≥	≥	≥5/16	≥	≥0
NO CEILING	50.4	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000	52.4	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 18000	53.5	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
> 16000	53.8	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	54.7
≥ 14000	54.5	55.4	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
≥ 12000	57.2	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 10000	61.1	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 9000	61.6	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 8000	64.3	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
≥ 7000	67.5	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 6000	72.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
> 5000	77.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
> 4500	80.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4000	82.6	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.5
≥ 3500	84.3	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.2	86.3	86.3	86.3	86.3
≥ 3000	86.9	88.7	88.9	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.2	89.4	89.5	89.5	89.5	89.5
≥ 2500	87.6	89.6	89.9	90.0	90.1	90.1	90.1	90.3	90.3	90.4	90.5	90.6	90.8	90.8	90.8	90.8
≥ 2000	88.0	90.1	90.9	91.1	91.3	91.3	91.5	91.7	91.7	91.8	91.9	92.2	92.3	92.3	92.3	92.3
≥ 1800	88.0	90.1	90.9	91.1	91.5	91.5	91.7	91.9	91.9	92.0	92.2	92.4	92.5	92.5	92.5	92.5
≥ 1500	88.1	90.3	91.1	91.3	91.7	91.7	92.0	92.3	92.4	92.5	92.6	92.9	93.0	93.0	93.0	93.0
≥ 1200	88.1	90.4	91.2	91.4	91.8	91.8	92.2	92.4	92.5	92.6	92.7	93.0	93.1	93.1	93.1	93.1
≥ 1000	88.2	90.5	91.3	91.7	92.4	92.4	92.9	93.1	93.3	93.4	93.7	94.0	94.1	94.1	94.1	94.1
≥ 900	88.2	90.5	91.3	91.9	92.6	92.6	93.1	93.3	93.5	93.9	94.2	94.5	94.6	94.6	94.6	94.6
≥ 800	88.2	90.5	91.3	91.9	92.6	92.6	93.1	93.4	93.8	94.2	94.7	95.2	95.7	95.7	95.7	95.7
≥ 700	88.2	90.5	91.3	91.9	92.6	92.7	93.3	93.8	94.1	94.6	95.2	95.6	96.2	96.2	96.2	96.2
≥ 600	88.2	90.6	91.4	92.0	92.7	92.8	93.7	94.1	94.4	95.1	95.7	96.3	97.1	97.2	97.2	97.2
≥ 500	88.2	90.6	91.5	92.3	92.9	93.0	93.9	94.3	94.6	95.4	96.2	96.9	97.7	97.8	97.8	97.8
≥ 400	88.2	90.6	91.5	92.3	92.9	93.0	93.9	94.4	94.7	95.5	96.5	97.2	98.2	98.4	98.4	98.4
≥ 300	88.2	90.6	91.5	92.3	92.9	93.0	93.9	94.4	94.7	95.5	96.6	97.4	98.6	99.0	99.5	99.5
≥ 200	88.2	90.6	91.5	92.3	92.9	93.0	93.9	94.4	94.7	95.6	96.7	97.5	98.7	99.4	99.9	99.9
≥ 100	88.2	90.6	91.5	92.3	92.9	93.0	93.9	94.4	94.7	95.6	96.7	97.5	98.7	99.4	100.0	100.0
≥ 0	88.2	90.6	91.5	92.3	92.9	93.0	93.9	94.4	94.7	95.6	96.7	97.5	98.7	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	≥1	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	49.5	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 20000	53.5	54.7	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 18000	54.3	55.5	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 16000	55.1	56.2	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
≥ 14000	56.5	57.6	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 12000	58.2	59.5	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
≥ 10000	62.0	63.3	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 9000	62.9	64.3	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 8000	65.2	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 7000	68.6	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000	70.9	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
> 5000	76.9	78.4	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
≥ 4500	79.7	81.2	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4000	83.3	85.1	85.4	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
≥ 3500	84.2	85.9	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3000	85.8	87.6	88.3	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2500	86.7	88.8	89.6	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000	87.2	89.4	90.3	90.9	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7
≥ 1800	87.3	89.5	90.5	91.1	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9
≥ 1500	87.5	89.8	91.1	91.7	92.4	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.8	92.8	92.8
≥ 1200	87.6	90.0	91.3	91.9	92.8	93.0	93.0	93.0	93.0	93.1	93.2	93.2	93.2	93.3	93.3	93.3
≥ 1000	87.6	90.1	91.5	92.2	93.0	93.3	93.4	93.5	93.7	94.0	94.2	94.3	94.4	94.5	94.5	94.5
≥ 900	87.6	90.2	91.6	92.3	93.1	93.5	93.8	93.9	94.0	94.3	94.5	94.6	94.7	94.8	94.8	94.8
≥ 800	87.6	90.2	91.6	92.3	93.1	93.5	93.8	94.3	94.4	94.8	95.1	95.3	95.5	95.6	95.6	95.6
≥ 700	87.6	90.2	91.6	92.3	93.1	93.5	93.8	94.6	94.7	95.3	95.6	95.9	96.2	96.5	96.5	96.5
≥ 600	87.6	90.2	91.6	92.3	93.1	93.5	93.8	94.6	94.7	95.5	96.0	96.5	97.0	97.3	97.3	97.3
≥ 500	87.6	90.2	91.6	92.3	93.1	93.5	93.8	94.8	94.9	95.7	96.6	97.1	97.8	98.3	98.3	98.
≥ 400	87.6	90.2	91.6	92.3	93.1	93.5	93.8	94.8	94.9	95.7	96.6	97.1	97.8	98.3	98.3	98
≥ 300	87.6	90.2	91.6	92.3	93.1	93.5	93.8	94.8	94.9	95.8	96.7	97.2	98.4	99.2	99.5	99.
≥ 200	87.6	90.2	91.6	92.3	93.1	93.5	93.8	94.8	94.9	95.8	96.7	97.2	98.4	99.5	99.8	99.8
≥ 100	87.6	90.2	91.6	92.3	93.1	93.5	93.8	94.8	94.9	95.8	96.7	97.2	98.4	99.6	99.9	100.0
≥ 0	87.6	90.2	91.6	92.3	93.1	93.5	93.8	94.8	94.9	95.8	96.7	97.2	98.4	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥5/16	≥¼	≥0
NO CEILING	50.5	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 20000	54.9	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 18000	55.7	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 16000	56.7	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	57.3	57.3
≥ 14000	59.1	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 12000	60.9	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 10000	64.5	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 9000	65.8	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 8000	69.1	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 7000	72.2	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
≥ 6000	76.7	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 5000	81.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
> 4500	84.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 4000	88.3	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3500	88.9	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000	89.6	91.3	91.6	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	90.2	92.2	92.5	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000	90.3	92.[illegible]	92.9	93.1	93.2	93.2	93.5	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1800	90.3	92.5	92.9	93.1	93.2	93.2	93.5	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500	90.4	92.6	93.0	93.2	93.5	93.5	94.2	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	90.5	92.9	93.3	93.5	94.0	94.1	94.7	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	90.5	93.0	93.[illegible]	93.9	94.3	94.7	95.5	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5
> 900	90.5	93.0	93.7	93.9	94.3	94.7	95.5	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	90.5	93.0	93.7	93.9	94.3	94.7	95.5	96.5	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8
≥ 700	90.5	93.0	93.7	93.9	94.3	94.7	95.5	96.6	96.7	96.8	97.0	97.0	97.0	97.1	97.1	97.1
≥ 600	90.5	93.0	93.7	93.9	94.3	94.7	95.5	96.6	96.8	97.0	97.2	97.3	97.4	97.5	97.5	97.5
≥ 500	90.5	93.1	93.8	94.1	94.5	94.9	95.7	96.8	97.0	97.3	97.5	97.8	98.2	98.3	98.4	98.4
≥ 400	90.5	93.1	93.8	94.1	94.5	94.9	95.7	97.0	97.2	97.6	97.8	98.2	98.5	98.7	98.8	98.8
≥ 300	90.5	93.1	93.8	94.1	94.5	94.9	95.7	97.0	97.2	97.6	98.1	98.4	98.9	99.4	99.7	99.7
≥ 200	90.5	93.1	93.8	94.1	94.5	94.9	95.7	97.0	97.2	97.6	98.1	98.4	99.0	99.5	99.8	100.0
≥ 100	90.5	93.1	93.8	94.1	94.5	94.9	95.7	97.0	97.2	97.6	98.1	98.4	99.0	99.5	99.8	100.0
≥ 0	90.5	93.1	93.8	94.1	94.5	94.9	95.7	97.0	97.2	97.6	98.1	98.4	99.0	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	52.5	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 20000	55.2	56.0	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
≥ 18000	55.8	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 16000	56.7	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 14000	59.2	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 12000	63.4	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 10000	67.1	68.3	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 9000	68.8	70.0	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 8000	71.8	73.0	73.3	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 7000	75.1	76.5	76.8	76.8	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 6000	78.0	79.5	79.8	79.8	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	83.3	85.5	86.0	86.1	86.3	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 4500	85.3	87.5	88.1	88.2	88.4	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4000	86.2	89.0	89.7	89.8	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3500	87.1	90.0	90.6	90.8	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3000	88.0	91.4	92.3	92.5	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2
≥ 2500	88.5	92.5	93.4	93.7	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4
≥ 2000	88.8	92.9	94.0	94.2	94.6	94.7	94.9	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 1800	88.8	92.9	94.0	94.2	94.6	94.7	94.9	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 1500	89.0	93.3	94.5	94.7	95.2	95.3	95.5	95.6	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8
≥ 1200	89.0	93.3	94.5	94.7	95.2	95.3	95.5	95.6	95.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9
≥ 1000	89.1	93.8	94.9	95.2	95.9	96.1	96.3	96.9	96.9	97.2	97.3	97.4	97.4	97.4	97.4	97.4
≥ 900	89.1	93.8	94.9	95.2	95.9	96.1	96.3	96.9	96.9	97.2	97.3	97.4	97.4	97.4	97.4	97.4
≥ 800	89.1	93.8	94.9	95.3	96.1	96.3	96.8	97.4	97.4	97.7	97.8	98.0	98.0	98.0	98.0	98.0
≥ 700	89.1	93.8	94.9	95.3	96.1	96.3	96.8	97.4	97.4	97.8	98.0	98.1	98.1	98.1	98.1	98.1
≥ 600	89.1	93.8	95.1	95.4	96.2	96.5	96.9	97.5	97.5	98.0	98.1	98.2	98.2	98.2	98.2	98.2
≥ 500	89.1	93.8	95.1	95.4	96.2	96.5	96.9	97.5	97.5	98.0	98.1	98.2	98.2	98.2	98.2	98.2
≥ 400	89.1	93.8	95.1	95.4	96.2	96.5	97.0	97.7	97.8	98.3	98.4	98.5	98.5	98.5	98.5	98.5
≥ 300	89.1	93.8	95.1	95.4	96.2	96.5	97.0	97.7	97.8	98.4	98.5	98.7	98.8	98.8	98.9	99.0
≥ 200	89.1	93.8	95.1	95.4	96.2	96.5	97.0	97.8	98.0	98.5	98.6	98.8	99.0	99.0	99.6	99.7
≥ 100	89.1	93.8	95.1	95.4	96.2	96.5	97.0	97.8	98.0	98.7	98.8	99.0	99.2	99.4	99.9	100.0
≥ 0	89.1	93.8	95.1	95.4	96.2	96.5	97.0	97.8	98.0	98.7	98.8	99.0	99.2	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	56.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 20000	57.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 18000	58.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 16000	58.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 14000	60.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 12000	63.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 10000	66.1	67.3	67.3	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 9000	67.7	69.0	69.0	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 8000	69.6	70.9	70.9	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
≥ 7000	73.0	74.3	74.3	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 6000	75.6	76.9	76.9	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 5000	80.6	82.5	82.5	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4500	82.4	84.5	84.7	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4000	85.3	87.5	87.7	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3500	86.2	88.5	88.7	89.1	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3000	88.2	91.4	92.3	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500	88.5	91.8	92.7	93.3	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8
≥ 2000	89.1	92.6	93.5	94.3	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9
≥ 1800	89.1	92.6	93.5	94.3	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9
≥ 1500	89.2	93.0	94.1	95.2	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0
≥ 1200	89.2	93.0	94.1	95.2	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.1	96.1
≥ 1000	89.4	93.3	94.4	95.6	96.2	96.2	96.5	96.6	96.6	96.7	96.8	96.8	96.9	96.9	97.0	97.0
≥ 900	89.4	93.3	94.4	95.6	96.2	96.2	96.5	96.6	96.6	96.7	96.8	96.8	96.9	96.9	97.0	97.0
≥ 800	89.4	93.3	94.4	95.6	96.2	96.2	96.5	96.6	96.6	96.7	96.8	96.8	96.9	96.9	97.0	97.0
≥ 700	89.4	93.3	94.4	95.6	96.2	96.2	96.5	96.6	96.6	96.7	96.8	96.8	96.9	96.9	97.0	97.0
≥ 600	89.4	93.3	94.4	95.7	96.3	96.3	96.6	96.7	96.7	96.8	96.9	96.9	97.2	97.2	97.3	97.3
≥ 500	89.4	93.3	94.4	95.7	96.3	96.5	96.7	97.0	97.0	97.2	97.5	97.5	98.0	98.0	98.1	98.1
≥ 400	89.4	93.3	94.4	95.7	96.3	96.5	96.7	97.0	97.1	97.3	97.6	97.6	98.2	98.2	98.4	98.4
≥ 300	89.4	93.3	94.4	95.7	96.3	96.5	96.7	97.0	97.1	97.4	97.8	97.8	98.4	98.5	98.8	98.8
≥ 200	89.4	93.3	94.4	95.7	96.3	96.5	96.7	97.0	97.1	97.4	97.8	97.8	98.8	99.2	99.7	99.9
≥ 100	89.4	93.3	94.4	95.7	96.3	96.5	96.7	97.0	97.1	97.5	98.0	98.0	98.9	99.4	99.8	100.0
≥ 0	89.4	93.3	94.4	95.7	96.3	96.5	96.7	97.0	97.1	97.5	98.0	98.0	98.9	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	≥1¾	≥1½	≥1	≥¾	≥½	≥⅜	≥¼	≥5/16	≥0
NO CEILING	52.1	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 20000	54.7	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 18000	55.2	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 16000	55.8	56.6	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 14000	57.6	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 12000	60.0	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 10000	63.7	64.6	64.7	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
≥ 9000	64.9	65.8	65.9	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
≥ 8000	67.4	68.3	68.4	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 7000	70.7	71.7	71.8	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 6000	74.2	75.2	75.3	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 5000	79.5	80.9	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4500	81.9	83.4	83.6	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	84.5	86.3	86.5	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500	85.8	87.5	87.8	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3
≥ 3000	87.4	89.5	90.1	90.3	90.5	90.5	90.6	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8
≥ 2500	88.2	90.6	91.3	91.6	91.8	91.8	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.2	92.2	92.2
≥ 2000	88.7	91.4	92.3	92.7	93.0	93.1	93.3	93.4	93.4	93.5	93.5	93.6	93.6	93.7	93.7	93.7
≥ 1800	88.8	91.4	92.3	92.8	93.2	93.2	93.4	93.6	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.9
≥ 1500	88.9	91.8	92.8	93.3	93.8	93.8	94.1	94.3	94.3	94.4	94.5	94.6	94.6	94.6	94.6	94.7
≥ 1200	89.0	91.9	92.9	93.4	94.0	94.0	94.3	94.5	94.6	94.7	94.8	94.9	94.9	94.9	95.0	95.0
≥ 1000	89.1	92.1	93.2	93.7	94.4	94.5	94.9	95.3	95.4	95.6	95.8	95.9	96.0	96.0	96.1	96.1
≥ 900	89.1	92.2	93.2	93.8	94.4	94.6	95.0	95.4	95.5	95.8	96.0	96.1	96.2	96.2	96.2	96.3
≥ 800	89.1	92.2	93.3	93.9	94.5	94.7	95.2	95.7	95.8	96.1	96.4	96.5	96.7	96.7	96.8	96.8
≥ 700	89.1	92.2	93.3	93.9	94.5	94.8	95.3	95.9	96.0	96.3	96.7	96.8	97.0	97.1	97.2	97.2
≥ 600	89.1	92.2	93.3	93.9	94.6	94.8	95.3	95.9	96.1	96.6	96.9	97.2	97.4	97.6	97.6	97.6
≥ 500	89.1	92.2	93.4	94.0	94.6	94.9	95.4	96.1	96.3	96.8	97.3	97.6	97.9	98.1	98.2	98.2
≥ 400	89.1	92.2	93.4	94.0	94.6	94.9	95.5	96.2	96.4	97.0	97.5	97.8	98.2	98.4	98.5	98.6
≥ 300	89.1	92.2	93.4	94.0	94.6	94.9	95.5	96.3	96.5	97.1	97.6	98.0	98.6	99.0	99.2	99.3
≥ 200	89.1	92.2	93.4	94.0	94.6	94.9	95.5	96.3	96.5	97.1	97.7	98.0	98.7	99.2	99.7	99.9
≥ 100	89.1	92.2	93.4	94.0	94.6	94.9	95.5	96.3	96.5	97.2	97.7	98.1	98.8	99.3	99.8	100.0
≥ 0	89.1	92.2	93.4	94.0	94.6	94.9	95.5	96.3	96.5	97.2	97.7	98.1	98.8	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 18000	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 16000	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 14000	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 12000	60.2	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
≥ 10000	65.1	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
≥ 9000	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 8000	69.3	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
≥ 7000	72.8	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 6000	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	78.1
≥ 5000	81.8	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4500	83.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4000	84.3	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3500	85.6	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3000	86.7	88.7	89.0	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500	87.2	89.4	90.0	90.1	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2000	88.1	90.4	91.4	91.6	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1800	88.1	90.4	91.6	91.7	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1500	88.4	91.2	92.7	93.0	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	88.4	91.3	92.8	93.1	93.7	93.7	93.9	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 1000	88.6	91.4	92.9	93.2	94.2	94.2	94.7	95.0	95.2	95.3	95.3	95.3	95.4	95.4	95.6	95.6
≥ 900	88.6	91.4	92.9	93.2	94.2	94.2	94.7	95.1	95.3	95.4	95.4	95.4	95.6	95.6	95.7	95.7
≥ 800	88.6	91.4	92.9	93.2	94.2	94.2	94.7	95.2	95.4	95.7	95.7	95.7	95.8	95.8	95.9	95.9
≥ 700	88.6	91.4	92.9	93.2	94.3	94.3	94.8	95.3	95.6	96.0	96.1	96.1	96.2	96.2	96.3	96.3
≥ 600	88.6	91.4	92.9	93.2	94.3	94.3	94.9	95.4	95.7	96.1	96.4	96.4	96.6	96.6	96.7	96.7
≥ 500	88.6	91.4	92.9	93.3	94.4	94.4	95.2	95.9	96.2	96.9	97.3	97.3	97.6	97.7	97.9	97.9
≥ 400	88.6	91.4	92.9	93.3	94.4	94.4	95.3	96.1	96.7	97.6	98.2	98.3	98.8	98.9	99.2	99.2
≥ 300	88.6	91.4	92.9	93.3	94.4	94.4	95.3	96.1	96.7	97.6	98.3	98.7	99.1	99.3	99.8	99.8
≥ 200	88.6	91.4	92.9	93.3	94.4	94.4	95.3	96.1	96.7	97.6	98.3	98.7	99.1	99.3	99.8	99.9
≥ 100	88.6	91.4	92.9	93.3	94.4	94.4	95.3	96.1	96.7	97.6	98.3	98.7	99.1	99.3	99.8	100.0
≥ 0	88.6	91.4	92.9	93.3	94.4	94.4	95.3	96.1	96.7	97.6	98.3	98.7	99.1	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 20000	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 18000	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
≥ 16000	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 14000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 12000	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	59.7
≥ 10000	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
≥ 9000	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
≥ 8000	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 7000	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
≥ 6000	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 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	83.7	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4000	85.0	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3500	85.7	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3000	87.6	88.9	89.3	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2500	88.9	90.2	90.8	90.9	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2000	89.0	90.7	91.4	91.6	91.7	91.7	91.7	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1800	89.1	90.8	91.6	91.7	91.8	91.8	91.8	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1500	89.7	91.4	92.3	92.4	92.8	92.9	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200	89.7	91.4	92.6	92.8	93.3	93.4	93.7	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000	89.7	91.4	92.6	92.8	93.6	93.7	94.0	94.2	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6
≥ 900	89.7	91.6	92.7	92.9	93.7	93.8	94.1	94.3	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	89.7	91.8	92.9	93.1	94.0	94.1	94.7	95.0	95.0	95.3	95.6	95.6	95.6	95.6	95.6	95.6
≥ 700	89.7	91.8	93.0	93.2	94.2	94.3	94.9	95.2	95.2	95.6	95.8	95.9	96.0	96.0	96.0	96.0
≥ 600	89.7	91.8	93.0	93.2	94.2	94.3	94.9	95.3	95.3	95.8	96.1	96.2	96.3	96.3	96.3	96.3
≥ 500	89.8	91.9	93.1	93.3	94.4	94.6	95.2	96.0	96.0	96.7	97.3	97.7	97.9	98.1	98.1	98.1
≥ 400	89.8	91.9	93.1	93.3	94.6	94.7	95.3	96.2	96.3	97.0	97.8	98.1	98.3	98.7	98.7	98.7
≥ 300	89.8	91.9	93.1	93.3	94.7	94.8	95.4	96.3	96.4	97.1	97.9	98.3	98.8	99.3	99.3	99.3
≥ 200	89.8	91.9	93.1	93.3	94.7	94.8	95.4	96.3	96.4	97.1	98.0	98.6	99.0	99.6	99.6	99.6
≥ 100	89.8	91.9	93.1	93.3	94.7	94.8	95.4	96.3	96.4	97.1	98.0	98.6	99.0	99.7	99.8	99.9
≥ 0	89.8	91.9	93.1	93.3	94.7	94.8	95.4	96.3	96.4	97.1	98.0	98.6	99.0	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.3	50.4	50.6	50.6	50.6	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	51.0
≥ 20000	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.6
≥ 18000	53.3	53.4	53.6	53.6	53.6	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.0
≥ 16000	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.4
≥ 14000	55.4	55.6	55.7	55.7	55.7	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.1
≥ 12000	58.8	58.9	59.0	59.0	59.2	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.7
≥ 10000	63.4	63.6	63.7	63.7	63.9	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.3
≥ 9000	64.2	64.3	64.4	64.6	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.3
≥ 8000	67.0	67.1	67.2	67.3	67.7	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.1
≥ 7000	70.7	70.8	70.9	71.0	71.4	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.9
≥ 6000	75.0	75.1	75.3	75.6	76.0	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.4
≥ 5000	80.3	80.7	80.9	81.2	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.1
≥ 4500	83.0	83.3	83.6	83.9	84.3	84.3	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0
≥ 4000	84.7	85.1	85.3	85.7	86.2	86.2	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.9
≥ 3500	85.4	86.0	86.2	86.6	87.1	87.1	87.3	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.0
≥ 3000	87.2	88.1	88.6	88.9	89.4	89.4	89.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3
≥ 2500	87.8	89.0	89.6	90.0	90.6	90.6	90.8	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.6
≥ 2000	88.9	90.3	90.9	91.4	92.1	92.1	92.6	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.4
≥ 1800	88.9	90.3	90.9	91.6	92.2	92.2	92.8	93.3	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.8
≥ 1500	89.1	90.7	91.6	92.2	92.9	92.9	93.4	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.4
≥ 1200	89.2	90.9	91.8	92.4	93.1	93.1	93.8	94.3	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.9
≥ 1000	89.3	91.0	92.0	92.7	93.3	93.3	94.0	94.6	94.7	95.0	95.2	95.2	95.2	95.2	95.2	95.4
≥ 900	89.3	91.0	92.0	92.7	93.3	93.3	94.0	94.6	94.7	95.0	95.2	95.2	95.2	95.2	95.2	95.4
≥ 800	89.3	91.0	92.1	92.9	93.7	93.7	94.3	95.1	95.3	95.7	95.9	95.9	95.9	95.9	95.9	96.1
≥ 700	89.3	91.0	92.1	92.9	93.8	93.8	94.7	95.4	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.4
≥ 600	89.3	91.0	92.1	92.9	93.9	93.9	94.8	95.6	95.8	96.1	96.3	96.3	96.4	96.7	96.7	96.9
≥ 500	89.3	91.0	92.1	92.9	93.9	93.9	94.8	95.8	96.0	96.4	96.9	96.9	97.1	97.6	97.7	97.9
≥ 400	89.3	91.0	92.2	93.0	94.0	94.0	94.9	95.9	96.2	96.8	97.2	97.4	97.7	98.1	98.3	98.6
≥ 300	89.3	91.0	92.2	93.0	94.0	94.0	94.9	96.0	96.3	96.9	97.3	97.8	98.2	98.8	99.0	99.2
≥ 200	89.3	91.0	92.2	93.0	94.0	94.0	94.9	96.0	96.3	96.9	97.4	97.9	98.3	98.9	99.4	99.6
≥ 100	89.3	91.0	92.2	93.0	94.0	94.0	94.9	96.0	96.3	96.9	97.4	97.9	98.4	99.0	99.6	100.0
≥ 0	89.3	91.0	92.2	93.0	94.0	94.0	94.9	96.0	96.3	96.9	97.4	97.9	98.4	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24103 (STA NO) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS L.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	51.1	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 20000	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 18000	54.7	54.9	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	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 14000	56.8	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 12000	59.2	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 10000	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 9000	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 8000	67.2	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
≥ 7000	69.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 6000	72.7	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 5000	78.7	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	79.3
≥ 4500	80.8	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4000	82.9	83.7	84.0	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3500	84.6	85.6	86.0	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3000	86.3	87.6	88.2	88.2	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	87.2	88.9	89.7	89.7	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2000	87.8	89.4	90.3	90.8	91.3	91.4	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1800	87.8	89.6	90.6	91.0	91.6	91.7	91.9	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1500	88.2	90.0	91.3	92.1	92.7	92.8	93.0	93.2	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	88.3	90.1	91.4	92.2	93.0	93.1	93.4	93.7	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	88.4	90.2	91.6	92.3	93.1	93.4	93.9	94.2	94.4	95.0	95.3	95.4	95.4	95.4	95.4	95.4
≥ 900	88.4	90.2	91.6	92.3	93.1	93.4	94.1	94.4	94.7	95.2	95.6	95.7	95.7	95.7	95.7	95.7
≥ 800	88.4	90.2	91.7	92.4	93.3	93.7	94.3	94.8	95.0	95.6	95.9	96.0	96.1	96.1	96.1	96.1
≥ 700	88.4	90.2	91.7	92.4	93.3	93.7	94.4	94.9	95.1	95.7	96.0	96.1	96.3	96.3	96.3	96.3
≥ 600	88.4	90.3	91.9	92.7	93.6	93.9	94.7	95.2	95.4	96.3	96.7	96.8	97.2	97.2	97.2	97.2
≥ 500	88.4	90.4	92.0	92.9	93.8	94.1	94.9	95.4	95.9	96.9	97.3	97.4	98.1	98.2	98.2	98.2
≥ 400	88.4	90.4	92.0	92.9	93.8	94.1	94.9	95.4	95.9	97.1	97.6	97.7	98.4	98.6	98.7	98.7
≥ 300	88.4	90.4	92.0	92.9	93.8	94.1	94.9	95.4	96.0	97.2	97.7	97.9	98.8	98.9	99.0	99.0
≥ 200	88.4	90.4	92.0	92.9	93.8	94.1	94.9	95.4	96.0	97.2	97.7	97.9	98.8	99.2	99.8	99.8
≥ 100	88.4	90.4	92.0	92.9	93.8	94.1	94.9	95.4	96.0	97.2	97.7	97.9	98.8	99.2	99.9	99.9
≥ 0	88.4	90.4	92.0	92.9	93.8	94.1	94.9	95.4	96.0	97.2	97.7	97.9	98.8	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 20000	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
≥ 18000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 16000	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
≥ 14000	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
≥ 12000	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 10000	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 9000	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 4500	80.6	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
≥ 4000	84.8	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	86.6	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	87.0
≥ 3000	88.0	88.8	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2500	89.6	90.6	91.0	91.0	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2000	90.2	91.6	92.6	92.7	92.8	93.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	90.2	91.6	92.6	92.7	92.8	93.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	90.6	92.4	93.7	93.8	93.9	94.4	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	90.8	92.7	93.9	94.0	94.1	94.7	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1000	90.9	92.9	94.1	94.3	94.6	95.1	95.3	96.0	96.1	96.3	96.4	96.6	96.7	96.7	96.7	96.7
≥ 900	90.9	92.9	94.3	94.6	94.8	95.3	95.6	96.2	96.3	96.6	96.7	96.8	96.9	96.9	96.9	96.9
≥ 800	90.9	92.9	94.3	94.6	94.9	95.4	95.8	96.6	96.7	96.9	97.1	97.2	97.4	97.4	97.4	97.4
≥ 700	90.9	92.9	94.3	94.6	95.0	95.6	95.9	96.8	97.0	97.3	97.6	97.8	98.0	98.0	98.0	98.0
≥ 600	90.9	92.9	94.3	94.6	95.0	95.6	96.0	96.9	97.1	97.7	97.9	98.2	98.4	98.6	98.6	98.6
≥ 500	90.9	92.9	94.3	94.6	95.0	95.6	96.0	96.9	97.2	97.8	98.4	98.9	99.1	99.2	99.4	99.4
≥ 400	90.9	92.9	94.3	94.6	95.0	95.6	96.0	96.9	97.2	97.8	98.4	98.9	99.1	99.2	99.6	99.6
≥ 300	90.9	92.9	94.3	94.6	95.0	95.6	96.0	96.9	97.2	97.8	98.4	99.0	99.2	99.3	99.7	99.7
≥ 200	90.9	92.9	94.3	94.6	95.0	95.6	96.0	96.9	97.2	97.8	98.4	99.0	99.2	99.3	99.9	99.9
≥ 100	90.9	92.9	94.3	94.6	95.0	95.6	96.0	96.9	97.2	97.8	98.4	99.0	99.2	99.3	99.9	100.0
≥ 0	90.9	92.9	94.3	94.6	95.0	95.6	96.0	96.9	97.2	97.8	98.4	99.0	99.2	99.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS, LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥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	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 18000	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
≥ 16000	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 14000	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 12000	61.4	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 10000	66.3	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 9000	68.0	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 8000	70.0	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 7000	72.0	72.3	72.4	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
≥ 6000	76.2	76.6	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
≥ 5000	80.7	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4500	83.1	83.6	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	85.8	86.3	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3500	86.9	87.4	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	88.0
≥ 3000	88.1	89.1	89.3	89.7	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2500	89.3	90.6	90.9	91.2	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2000	89.7	91.1	91.4	91.9	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7
≥ 1800	89.8	91.7	91.6	92.0	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8
≥ 1500	90.3	92.1	92.7	93.1	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 1200	90.3	92.3	93.0	93.4	94.2	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7
≥ 1000	90.8	92.8	93.7	94.1	95.0	95.2	95.4	95.9	95.9	96.0	96.2	96.2	96.4	96.4	96.4	96.4
≥ 900	90.8	92.8	93.7	94.1	95.0	95.2	95.4	95.9	95.9	96.1	96.3	96.3	96.7	96.7	96.7	96.7
≥ 800	90.8	92.8	93.7	94.2	95.2	95.4	95.9	96.3	96.4	96.9	97.2	97.2	97.6	97.6	97.6	97.6
≥ 700	90.8	92.8	93.7	94.2	95.2	95.4	95.9	96.3	96.4	96.9	97.3	97.6	98.0	98.0	98.0	98.0
≥ 600	90.8	92.8	93.7	94.2	95.2	95.4	95.9	96.3	96.4	96.9	97.6	98.0	98.4	98.4	98.4	98.4
≥ 500	90.8	92.8	93.7	94.2	95.2	95.4	95.9	96.3	96.4	96.9	97.7	98.1	98.7	98.9	98.9	98.9
≥ 400	90.8	92.8	93.7	94.2	95.2	95.4	95.9	96.3	96.4	96.9	97.9	98.4	99.1	99.4	99.4	99.4
≥ 300	90.8	92.8	93.7	94.2	95.2	95.4	95.9	96.3	96.4	96.9	97.9	98.4	99.1	99.4	99.4	99.6
≥ 200	90.8	92.8	93.7	94.2	95.2	95.4	95.9	96.3	96.4	96.9	97.9	98.4	99.2	99.6	99.7	99.8
≥ 100	90.8	92.8	93.7	94.2	95.2	95.4	95.9	96.3	96.4	96.9	97.9	98.4	99.3	99.7	99.8	100.0
0	90.8	92.8	93.7	94.2	95.2	95.4	95.9	96.3	96.4	96.9	97.9	98.4	99.3	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	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	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
≥ 18000	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
> 16000	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
≥ 14000	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 12000	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9
≥ 10000	65.2	65.3	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7
≥ 9000	67.9	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3
≥ 8000	71.0	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4
≥ 7000	74.1	74.2	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7
≥ 6000	77.8	77.9	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3
≥ 5000	82.7	82.8	83.2	83.2	83.3	83.4	83.4	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500	84.7	84.8	85.2	85.2	85.3	85.4	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7
≥ 4000	87.7	87.8	88.2	88.2	88.3	88.4	88.6	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500	87.9	88.4	88.9	88.9	89.0	89.1	89.2	89.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3000	89.1	89.9	90.3	90.6	90.9	91.0	91.1	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	89.7	90.8	91.2	91.4	91.8	91.9	92.1	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	89.9	91.2	91.7	91.9	92.4	92.6	92.9	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1800	90.0	91.3	91.9	92.1	92.7	92.8	93.1	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1500	90.4	91.9	92.6	93.2	94.0	94.1	94.4	94.8	94.9	95.0	95.1	95.1	95.1	95.1	95.1
≥ 1200	90.8	92.2	93.2	93.7	94.6	94.7	95.1	95.4	95.6	95.8	95.9	95.9	95.9	95.9	95.9
≥ 1000	91.0	92.4	93.7	94.1	95.1	95.3	96.0	96.4	96.6	97.0	97.1	97.1	97.1	97.2	97.2
≥ 900	91.0	92.4	93.7	94.2	95.2	95.4	96.1	96.6	96.7	97.1	97.2	97.2	97.2	97.3	97.3
≥ 800	91.1	92.6	93.8	94.3	95.6	95.8	96.4	97.1	97.3	97.9	98.2	98.2	98.2	98.3	98.3
≥ 700	91.2	92.7	93.9	94.4	95.7	95.9	96.6	97.2	97.4	98.1	98.7	98.8	98.8	98.9	98.9
≥ 600	91.2	92.7	93.9	94.4	95.7	95.9	96.6	97.2	97.6	98.3	99.0	99.1	99.1	99.2	99.2
≥ 500	91.2	92.7	93.9	94.4	95.8	96.0	96.7	97.4	97.9	98.7	99.6	99.7	99.8	99.9	99.9
≥ 400	91.2	92.7	93.9	94.4	95.8	96.0	96.7	97.4	97.9	98.7	99.6	99.7	99.9	99.9	100.0
≥ 300	91.2	92.7	93.9	94.4	95.8	96.0	96.7	97.4	97.9	98.7	99.6	99.7	99.9	99.9	100.0
≥ 200	91.2	92.7	93.9	94.4	95.8	96.0	96.7	97.4	97.9	98.7	99.6	99.7	99.9	99.9	100.0
≥ 100	91.2	92.7	93.9	94.4	95.8	96.0	96.7	97.4	97.9	98.7	99.6	99.7	99.9	99.9	100.0
≥ 0	91.2	92.7	93.9	94.4	95.8	96.0	96.7	97.4	97.9	98.7	99.6	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 20000	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 18000	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 16000	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 14000	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 12000	64.1	64.1	64.1	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 10000	68.1	68.2	68.2	68.3	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 9000	69.4	69.6	69.6	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 8000	71.4	71.6	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 7000	73.9	74.0	74.1	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 6000	76.9	77.0	77.1	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5000	82.9	83.0	83.1	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4500	84.7	85.0	85.1	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4000	85.7	86.1	86.2	86.3	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3500	86.6	87.1	87.2	87.3	87.4	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3000	87.9	88.6	89.0	89.3	89.7	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2500	89.2	90.1	90.7	91.0	91.3	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2000	90.0	91.2	91.9	92.2	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	90.1	91.4	92.1	92.4	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1500	90.3	91.9	92.8	93.2	93.8	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200	90.3	91.9	92.8	93.2	94.0	94.0	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1000	90.3	92.0	93.0	93.6	94.3	94.4	94.9	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	90.3	92.0	93.1	93.7	94.4	94.6	95.0	95.6	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800	90.3	92.0	93.1	93.8	94.7	94.8	95.2	95.8	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	90.3	92.0	93.1	93.8	94.7	94.8	95.2	95.8	95.8	96.2	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	90.3	92.0	93.1	93.8	94.7	94.8	95.3	95.9	95.9	96.4	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	90.3	92.0	93.1	93.8	94.7	94.8	95.3	95.9	96.1	96.7	97.3	97.3	97.6	97.7	97.7	97.7
≥ 400	90.3	92.0	93.2	93.9	94.8	94.9	95.4	96.0	96.2	96.8	97.6	97.6	97.8	97.9	98.0	98.0
≥ 300	90.3	92.0	93.2	93.9	94.8	94.9	95.4	96.3	96.6	97.1	97.9	97.9	98.2	98.3	98.4	98.4
≥ 200	90.3	92.0	93.2	93.9	94.8	94.9	95.4	96.3	96.6	97.3	98.1	98.2	98.6	99.0	99.3	99.3
≥ 100	90.4	92.1	93.3	94.0	94.9	95.0	95.6	96.4	96.7	97.4	98.2	98.3	99.0	99.3	99.9	100.0
≥ 0	90.4	92.1	93.3	94.0	94.9	95.0	95.6	96.4	96.7	97.4	98.2	98.3	99.0	99.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 20000	54.9	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	55.1
≥ 18000	55.6	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	55.8
≥ 16000	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 14000	57.5	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 12000	60.4	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 10000	64.7	64.8	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 9000	66.2	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 8000	69.0	69.2	69.2	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 7000	71.8	72.0	72.1	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 6000	75.3	75.6	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 5000	80.8	81.2	81.3	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4500	82.9	83.3	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
≥ 4000	85.1	85.7	85.9	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3500	86.1	87.0	87.2	87.3	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7
≥ 3000	87.6	88.7	89.1	89.3	89.5	89.5	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500	88.6	89.9	90.5	90.7	90.9	91.0	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	89.2	90.8	91.5	91.8	92.2	92.2	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800	89.3	90.8	91.6	91.9	92.3	92.4	92.5	92.7	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9
≥ 1500	89.6	91.5	92.5	92.9	93.4	93.5	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.2
≥ 1200	89.7	91.6	92.7	93.1	93.8	93.9	94.2	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	89.9	91.8	92.9	93.4	94.2	94.3	94.8	95.2	95.3	95.6	95.7	95.8	95.8	95.8	95.8	95.9
≥ 900	89.9	91.8	93.0	93.5	94.2	94.4	94.9	95.3	95.4	95.7	95.9	95.9	96.0	96.0	96.0	96.0
≥ 800	89.9	91.8	93.1	93.6	94.4	94.6	95.2	95.7	95.9	96.3	96.5	96.5	96.6	96.6	96.6	96.7
≥ 700	89.9	91.8	93.1	93.6	94.5	94.7	95.3	95.9	96.0	96.5	96.8	96.9	97.0	97.0	97.0	97.1
≥ 600	89.9	91.9	93.1	93.6	94.6	94.8	95.4	96.0	96.2	96.7	97.1	97.2	97.4	97.5	97.5	97.5
≥ 500	89.9	91.9	93.1	93.7	94.7	94.8	95.5	96.2	96.5	.1	97.7	97.9	98.2	98.4	98.5	98.5
≥ 400	89.9	91.9	93.2	93.7	94.7	94.9	95.6	96.3	96.6	97.3	98.0	98.3	98.6	98.8	99.0	99.0
≥ 300	89.9	91.9	93.2	93.7	94.7	94.9	95.6	96.4	96.7	97.4	98.1	98.5	98.9	99.2	99.3	99.4
≥ 200	89.9	91.9	93.2	93.7	94.7	94.9	95.6	96.4	96.7	97.4	98.2	98.5	99.0	99.3	99.7	99.8
≥ 100	89.9	91.9	93.2	93.7	94.7	94.9	95.6	96.4	96.7	97.4	98.2	98.6	99.1	99.4	99.8	100.0
0	89.9	91.9	93.2	93.7	94.7	94.9	95.6	96.4	96.7	97.4	98.2	98.6	99.1	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	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
≥ 20000	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 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	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 14000	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
≥ 12000	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
≥ 10000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000	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	81.8
≥ 8000	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 7000	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 6000	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
≥ 5000	93.0	93.2	93.3	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	94.7	95.1	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4000	95.5	96.0	96.2	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6
≥ 3500	96.1	96.8	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3
≥ 3000	96.8	97.5	97.7	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
≥ 2500	96.8	97.5	97.7	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
≥ 2000	96.9	97.7	98.1	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
≥ 1800	96.9	97.7	98.1	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
≥ 1500	97.1	98.3	98.7	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 1200	97.1	98.3	98.7	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 1000	97.1	98.4	98.9	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 900	97.1	98.4	98.9	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 800	97.1	98.4	98.9	99.0	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 700	97.1	98.4	98.9	99.0	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 600	97.1	98.4	98.9	99.0	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 500	97.1	98.4	98.9	99.0	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 400	97.1	98.4	99.0	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 300	97.1	98.4	99.0	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 200	97.1	98.4	99.0	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 100	97.1	98.4	99.0	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0
≥ 0	97.1	98.4	99.0	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-76 (YEARS) MAY (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	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 20000	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
≥ 18000	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 16000	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 14000	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
≥ 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	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 9000	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 8000	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
≥ 7000	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	86.8	86.8	86.8
≥ 6000	88.8	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 5000	91.7	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4500	93.2	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 4000	94.3	94.9	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3500	94.5	95.2	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3000	95.9	96.7	96.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	96.0	96.9	97.0	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	96.2	97.2	97.4	97.7	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	96.2	97.2	97.4	97.7	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	96.5	97.7	98.1	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	96.5	97.7	98.2	98.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	96.5	97.8	98.3	98.6	98.8	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	96.5	97.8	98.3	98.6	98.8	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	96.5	97.8	98.3	98.6	98.8	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥ 700	96.5	97.8	98.3	98.6	98.8	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥ 600	96.5	97.8	98.3	98.7	99.0	99.0	99.2	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 500	96.5	97.8	98.3	98.7	99.0	99.0	99.2	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 400	96.5	98.0	98.4	98.8	99.1	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	96.5	98.0	98.4	98.8	99.1	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	96.5	98.0	98.4	98.8	99.1	99.1	99.4	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100	96.5	98.0	98.4	98.8	99.1	99.1	99.4	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0
≥ 0	96.5	98.0	98.4	98.8	99.1	99.1	99.4	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	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
≥ 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	66.7	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
≥ 16000	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
≥ 14000	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 12000	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
≥ 10000	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 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	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 7000	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 6000	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
≥ 5000	90.5	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 4500	92.4	92.7	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4000	94.6	94.9	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3500	95.2	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3000	95.8	96.6	96.8	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	95.8	96.7	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	96.0	96.9	97.1	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7
≥ 1800	96.2	97.1	97.3	97.4	97.6	97.6	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0
≥ 1500	96.3	97.2	97.4	97.5	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1
≥ 1200	96.5	97.3	97.5	97.6	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4
≥ 1000	96.5	97.4	98.0	98.1	98.4	98.4	98.7	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
≥ 900	96.5	97.4	98.0	98.1	98.4	98.4	98.7	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2
≥ 800	96.5	97.4	98.0	98.1	98.4	98.4	98.7	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2
≥ 700	96.5	97.4	98.0	98.1	98.4	98.4	98.7	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2
≥ 600	96.5	97.4	98.0	98.1	98.4	98.4	98.7	98.9	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5
≥ 500	96.5	97.4	98.0	98.1	98.4	98.4	98.7	98.9	99.0	99.0	99.5	99.6	99.6	99.6	99.7	99.7
≥ 400	96.5	97.4	98.0	98.1	98.4	98.4	98.7	98.9	99.0	99.0	99.5	99.6	99.6	99.6	99.8	99.8
≥ 300	96.5	97.4	98.0	98.1	98.4	98.4	98.7	98.9	99.1	99.1	99.6	99.7	99.7	99.7	99.9	99.9
≥ 200	96.5	97.4	98.0	98.1	98.4	98.4	98.7	98.9	99.1	99.1	99.6	99.7	99.7	99.7	99.9	100.0
≥ 100	96.5	97.4	98.0	98.1	98.4	98.4	98.7	98.9	99.1	99.1	99.6	99.7	99.7	99.7	99.9	100.0
0	96.5	97.4	98.0	98.1	98.4	98.4	98.7	98.9	99.1	99.1	99.6	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 20000	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
≥ 18000	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 16000	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 14000	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 12000	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 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
≥ 9000	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
≥ 8000	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
≥ 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
≥ 6000	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	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4500	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4000	92.6	92.8	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
≥ 3500	93.5	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3000	94.3	94.9	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2500	94.5	95.3	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	94.9	95.7	96.2	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	95.1	95.8	96.3	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1500	95.5	96.2	96.8	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	95.9	96.8	97.3	97.8	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	95.9	96.8	97.3	98.4	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	95.9	96.8	97.3	98.4	98.7	98.8	99.1	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4
≥ 800	95.9	96.8	97.3	98.4	98.7	98.8	99.1	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4
≥ 700	95.9	96.8	97.3	98.4	98.8	98.9	99.2	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5
≥ 600	95.9	96.8	97.3	98.4	98.9	99.0	99.4	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7
≥ 500	95.9	96.9	97.3	98.4	98.9	99.0	99.4	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7
≥ 400	95.9	96.8	97.3	98.4	98.9	99.0	99.4	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7
≥ 300	95.9	96.8	97.3	98.4	98.9	99.0	99.4	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.8
≥ 200	95.9	96.8	97.3	98.4	98.9	99.0	99.4	99.4	99.4	99.5	99.6	99.6	99.7	99.7	100.0
≥ 100	95.9	96.8	97.3	98.4	98.9	99.0	99.4	99.4	99.4	99.5	99.6	99.6	99.7	99.7	100.0
≥ 0	95.9	96.8	97.3	98.4	98.9	99.0	99.4	99.4	99.4	99.5	99.6	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) MAY (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	≥1½	≥1	≥¾	≥½	≥	≥5/16	≥0
NO CEILING	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 20000	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
≥ 18000	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
≥ 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
≥ 14000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 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
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 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
≥ 4500	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4000	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3500	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2500	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	96.9	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	96.9	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	97.2	98.0	98.3	98.4	98.4	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	97.2	98.0	98.3	98.4	98.4	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	97.3	98.2	98.5	98.6	99.0	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	97.3	98.2	98.5	98.6	99.0	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	97.3	98.2	98.5	98.6	99.0	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	97.3	98.2	98.5	98.6	99.0	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	97.3	98.2	98.5	98.6	99.0	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	97.3	98.2	98.5	98.6	99.0	99.1	99.4	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0
≥ 400	97.3	98.2	98.5	98.6	99.0	99.1	99.4	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0
≥ 300	97.3	98.2	98.5	98.6	99.0	99.1	99.4	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0
≥ 200	97.3	98.2	98.5	98.6	99.0	99.1	99.4	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0
≥ 100	97.3	98.2	98.5	98.6	99.0	99.1	99.4	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0
= 0	97.3	98.2	98.5	98.6	99.0	99.1	99.4	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (L))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥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	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 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	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 14000	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
≥ 12000	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
≥ 10000	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 8000	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 7000	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 6000	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 5000	92.9	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	93.1
≥ 4500	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4000	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3000	97.3	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500	97.4	97.8	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	97.8	98.4	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1900	97.8	98.4	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	98.1	98.7	99.0	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	98.1	98.7	99.0	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	98.1	98.7	99.0	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	98.1	98.7	99.0	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	98.1	98.7	99.0	99.1	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	98.1	98.7	99.0	99.1	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	98.1	98.7	99.0	99.1	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.1	98.7	99.0	99.1	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	98.1	98.7	99.0	99.1	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	98.1	98.7	99.0	99.1	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	98.1	98.7	99.0	99.1	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	98.1	98.7	99.0	99.1	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
0	98.1	98.7	99.0	99.1	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	≥1¾	≥1½	≥1	≥⅞	≥¾	≥⅝	≥5/16	≥¼	≥0
NO CEILING	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	62.2
≥ 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	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0
≥ 16000	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4
≥ 14000	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0
≥ 12000	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4
≥ 10000	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9
≥ 9000	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2
≥ 8000	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2
≥ 7000	87.6	87.7	87.7	87.7	87.7	87.7	87.8	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2
≥ 6000	90.3	90.4	90.8	91.0	91.0	91.0	91.1	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4
≥ 5000	94.4	94.5	94.9	95.3	95.3	95.4	95.5	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8
≥ 4500	94.9	95.1	95.5	95.8	95.8	95.9	96.0	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4000	95.9	96.2	97.0	97.3	97.3	97.4	97.5	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3500	96.0	96.3	97.2	97.5	97.5	97.6	97.7	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3000	96.2	96.6	97.4	97.7	97.7	97.8	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2500	96.2	96.6	97.4	97.7	97.7	97.8	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	96.3	96.7	97.5	98.0	98.0	98.1	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	96.3	96.7	97.6	98.1	98.1	98.2	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	96.3	96.7	97.7	98.2	98.2	98.3	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	96.3	96.9	98.0	98.4	98.4	98.5	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	96.3	96.9	98.0	98.4	98.7	98.8	99.1	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	96.3	96.9	98.0	98.4	98.9	99.0	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	96.3	96.9	98.0	98.4	98.9	99.0	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	96.3	96.9	98.0	98.4	98.9	99.0	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	96.3	96.9	98.0	98.4	98.9	99.0	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.3	96.9	98.0	98.4	98.9	99.0	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.3	96.9	98.0	98.4	98.9	99.0	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.3	96.9	98.0	98.4	98.9	99.0	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.3	96.9	98.0	98.4	98.9	99.0	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.3	96.9	98.0	98.4	98.9	99.0	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.3	96.9	98.0	98.4	98.9	99.0	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	≥1¾	≥1½	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 12000	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
≥ 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	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	81.8
≥ 8000	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 7000	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 6000	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 5000	92.6	92.8	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4500	94.4	94.7	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4000	95.3	96.1	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3500	95.7	96.7	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3000	95.9	97.1	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
≥ 2500	96.0	97.2	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	96.2	97.6	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	96.2	97.6	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	96.2	97.7	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	96.2	97.7	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	96.2	97.8	98.5	98.5	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	96.2	97.8	98.5	98.5	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	96.2	97.8	98.5	98.5	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	96.2	97.8	98.5	98.5	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	96.2	97.8	98.5	98.5	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	96.2	97.8	98.6	98.7	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	96.2	97.8	98.6	98.7	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	96.3	98.0	98.7	98.8	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.3	98.0	98.7	98.8	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.3	98.0	98.7	98.8	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.3	98.0	98.7	98.8	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	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
≥ 18000	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0
≥ 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
≥ 14000	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
≥ 12000	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 10000	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
≥ 9000	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
≥ 8000	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 7000	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2
≥ 6000	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9
≥ 5000	92.0	92.2	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4500	93.5	93.8	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4000	94.8	95.2	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3500	95.3	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3000	96.0	96.6	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3
≥ 2500	96.2	96.8	97.2	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6
≥ 2000	96.4	97.2	97.6	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 1800	96.5	97.2	97.7	97.8	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	96.7	97.6	98.1	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
≥ 1200	96.7	97.7	98.2	98.4	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	96.7	97.8	98.3	98.6	99.0	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	96.7	97.8	98.3	98.6	99.0	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5
≥ 800	96.7	97.8	98.3	98.6	99.0	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6
≥ 700	96.7	97.8	98.3	98.6	99.0	99.1	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6
≥ 600	96.7	97.8	98.3	98.6	99.1	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7
≥ 500	96.7	97.8	98.3	98.6	99.1	99.1	99.3	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8
≥ 400	96.7	97.8	98.3	98.7	99.1	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9
≥ 300	96.7	97.8	98.4	98.7	99.1	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9
≥ 200	96.7	97.8	98.4	98.7	99.1	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.9	99.9	100.0
≥ 100	96.7	97.8	98.4	98.7	99.1	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.9	99.9	100.0
≥ 0	96.7	97.8	98.4	98.7	99.1	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥7	≥1	≥1	≥1	≥	≥	≥	≥5 16	≥	≥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	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 18000	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 16000	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 14000	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
≥ 12000	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
≥ 10000	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 9000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 8000	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 7000	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
≥ 6000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 5000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4500	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3000	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	99.1	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	99.1	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.3	99.9	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
≥ 1000	99.3	99.9	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
900	99.3	99.9	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
≥ 800	99.3	99.9	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
≥ 700	99.3	99.9	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
≥ 600	99.3	99.9	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	99.3	99.9	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	99.3	99.9	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	99.3	99.9	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	99.3	99.9	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	99.3	99.9	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	99.3	99.9	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 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 HILL AFB/OGDEN UTAH 67-70,73-78 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	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
≥ 20000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 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	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
≥ 9000	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 8000	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
≥ 7000	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
≥ 6000	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 5000	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	97.3	97.3	97.3
≥ 4500	97.4	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	98.0	98.0
≥ 4000	98.2	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3500	98.2	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3000	98.7	99.1	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	98.7	99.1	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	98.8	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	98.8	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	98.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.8	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 STATION | HILL AFB/OGDEN UT (H) STATION NAME | 67-70,73-78 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS)

0600-0800 HOURS LST

CEILING (100 FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¼	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 20000	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
≥ 15000	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	76.3	76.3
≥ 12000	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 7000	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 7000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 6000	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 5000	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4500	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4000	97.6	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	98.0	98.0
≥ 3500	97.8	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
≥ 3000	98.2	98.7	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500	98.3	98.9	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	98.4	99.0	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	98.4	99.0	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	98.4	99.0	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.4	99.0	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.4	99.0	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.4	99.0	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.4	99.0	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.4	99.0	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.4	99.0	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.4	99.0	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.4	99.0	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.4	99.0	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.4	99.0	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.4	99.0	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.4	99.0	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	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
≥ 18000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 16000	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
≥ 14000	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
≥ 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	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 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	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 7000	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	89.0
≥ 6000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 5000	94.8	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 4500	95.6	95.6	95.7	95.7	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 4000	96.9	97.1	97.4	97.4	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	97.4	97.7	98.0	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
≥ 3000	97.8	98.0	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500	98.0	98.2	98.6	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	98.1	98.3	98.7	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	98.1	98.3	98.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	98.1	98.3	98.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	98.1	98.3	98.7	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	98.1	98.3	98.7	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	98.1	98.3	98.7	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.1	98.3	98.7	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.1	98.3	98.7	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.1	98.3	98.7	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
≥ 500	98.1	98.3	98.7	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
≥ 400	98.1	98.3	98.7	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
≥ 300	98.1	98.3	98.7	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
≥ 200	98.1	98.3	98.7	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	98.1	98.3	98.7	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
≥ 1	98.1	98.3	98.7	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

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	≥1½	≥1¼	≥1	≥⅞	≥¾	≥5/8	≥½	≥0
NO CEILING	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 20000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000	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
≥ 16000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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	89.2	89.2
≥ 7000	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 6000	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 5000	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4500	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 4000	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3500	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 3000	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	99.2	99.4	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
≥ 1800	99.2	99.4	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
≥ 1500	99.2	99.4	99.4	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
≥ 1200	99.2	99.4	99.4	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
≥ 1000	99.2	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	99.2	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	99.2	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	99.2	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	99.2	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.2	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 10L 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES: ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥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	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 18000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 16000	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
≥ 14000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 12000	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
≥ 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	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 8000	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 7000	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 6000	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
≥ 5000	96.6	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4500	97.6	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 4000	98.1	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3500	98.2	98.8	98.9	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 3000	98.3	99.0	99.1	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500	98.7	99.3	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	98.8	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.8	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.8	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.8	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.8	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.8	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.8	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.8	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.8	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.8	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.8	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.8	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.8	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.8	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.8	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (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	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
≥ 20000	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 18000	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
≥ 16000	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 14000	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 12000	78.9	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
≥ 10000	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 9000	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 8000	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 7000	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 6000	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 5000	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4500	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4000	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3500	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	98.9	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.9	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.9	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.9	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.9	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.9	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.9	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.9	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.9	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.9	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.9	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.9	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.9	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.9	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.9	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 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	74.1	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
≥ 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	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 12000	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
≥ 10000	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 9000	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 8000	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 7000	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 6000	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 5000	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4500	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 4000	97.8	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
≥ 3500	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3000	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.4	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	100.0	100.0
≥ 900	99.4	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	100.0	100.0
≥ 800	99.4	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	100.0	100.0
≥ 700	99.4	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	100.0	100.0
≥ 600	99.4	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	100.0	100.0
≥ 500	99.4	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	100.0	100.0
≥ 400	99.4	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	100.0	100.0
≥ 300	99.4	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	100.0	100.0
≥ 200	99.4	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	100.0	100.0
≥ 100	99.4	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	100.0	100.0
≥ 0	99.4	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JUN (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	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
≥ 20000	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
≥ 18000	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	76.3	76.3
≥ 16000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 14000	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 12000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 10000	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	85.8
≥ 9000	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 8000	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
≥ 7000	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 6000	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 5000	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4500	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 4000	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3500	98.2	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3000	98.6	99.1	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2500	98.7	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	98.8	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	98.8	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	98.8	99.3	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	98.9	99.3	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	98.9	99.4	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.9	99.4	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.9	99.4	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.9	99.4	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.9	99.4	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.9	99.4	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.9	99.4	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.9	99.4	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.9	99.4	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.9	99.4	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.9	99.4	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 20000	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
≥ 18000	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 16000	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 14000	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
≥ 12000	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
≥ 10000	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	95.2
≥ 9000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 8000	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	97.2
≥ 7000	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 6000	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 5000	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4500	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JUL (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	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 20000	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
≥ 18000	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 16000	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 14000	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
≥ 12000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 10000	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
≥ 9000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 8000	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	97.7	97.7	97.7
≥ 7000	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 6000	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 5000	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4500	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	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	100.0	100.0	100.0
≥ 2500	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	100.0	100.0	100.0
≥ 2000	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	100.0	100.0	100.0
≥ 1800	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	100.0	100.0	100.0
≥ 1500	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	100.0	100.0	100.0
≥ 1200	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	100.0	100.0	100.0
≥ 1000	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	100.0	100.0	100.0
≥ 900	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	100.0	100.0	100.0
≥ 800	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	100.0	100.0	100.0
≥ 700	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	100.0	100.0	100.0
≥ 600	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	100.0	100.0	100.0
≥ 500	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	100.0	100.0	100.0
≥ 400	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	100.0	100.0	100.0
≥ 300	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	100.0	100.0	100.0
≥ 200	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	100.0	100.0	100.0
≥ 100	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	100.0	100.0	100.0
≥ 0	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	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	80.8	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 20000	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 18000	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 16000	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 14000	85.6	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
≥ 12000	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 10000	94.7	94.8	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
≥ 9000	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 8000	97.1	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
≥ 7000	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 6000	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 5000	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4500	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4000	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3		≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	0
NO CEILING	82.3	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 20000	84.5	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 18000	84.6	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 16000	85.3	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 14000	88.1	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 12000	92.2	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 10000	95.9	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 9000	96.1	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 8000	97.1	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	97.7	97.7
≥ 7000	97.6	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 6000	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 5000	98.7	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4500	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	98.8	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	98.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	98.8	99.6	99.7	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
≥ 2000	98.8	99.6	99.7	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
≥ 1800	98.8	99.6	99.7	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
≥ 1500	98.8	99.6	99.7	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
≥ 1200	98.8	99.6	99.7	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
≥ 1000	98.8	99.6	99.7	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
≥ 900	98.8	99.6	99.7	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
≥ 800	98.8	99.6	99.7	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	98.8	99.6	99.7	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	98.8	99.6	99.7	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	98.8	99.6	99.7	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	98.8	99.6	99.7	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	98.8	99.6	99.7	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	98.8	99.6	99.7	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	98.8	99.6	99.7	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
[illegible]	98.8	99.6	99.7	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 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1402 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	86.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 20000	89.2	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
≥ 18000	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 16000	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 14000	91.0	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
≥ 12000	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 10000	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 9000	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 8000	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 7000	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 6000	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 5000	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4500	98.8	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	98.8	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	98.8	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	98.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	98.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	98.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	98.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	98.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	98.8	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.8	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.8	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.8	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.8	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.8	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.8	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.8	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.8	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.8	99.7	99.8	99.8	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	98.8	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.8	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	0
NO CEILING	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
≥ 20000	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	88.7	88.7
≥ 18000	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 16000	89.2	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
≥ 14000	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 12000	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 10000	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	96.2	96.2
≥ 9000	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 8000	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 7000	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	98.0	98.0	98.0
≥ 6000	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 5000	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	99.6	99.6	99.6
≥ 4500	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR, LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 20000	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 18000	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 16000	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 14000	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	87.1	87.1
≥ 12000	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 10000	93.5	93.5	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
≥ 9000	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 8000	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 7000	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 6000	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 5000	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4500	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4000	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 100	99.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥5/8	≥½	≥0
NO CEILING	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
≥ 20000	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
≥ 18000	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 16000	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 14000	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
≥ 12000	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 10000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 9000	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 8000	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
≥ 7000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 6000	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 5000	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4500	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 20000	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 18000	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 16000	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 14000	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 12000	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	91.9	91.9
≥ 10000	95.0	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
≥ 9000	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 8000	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 7000	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 6000	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 5000	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	99.6	99.6	99.6
≥ 4500	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.4	99.8	99.9	99.9	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	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 20000	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 18000	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 16000	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 14000	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 12000	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	89.0	89.0	89.0
≥ 10000	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
≥ 9000	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 8000	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	97.2
≥ 7000	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	97.7	97.7	97.7
≥ 6000	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 5000	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4500	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	99.6	99.7	99.9	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
≥ 2500	99.6	99.7	99.9	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
≥ 2000	99.6	99.7	99.9	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
≥ 1800	99.6	99.7	99.9	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
≥ 1500	99.6	99.7	99.9	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
≥ 1200	99.6	99.7	99.9	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
≥ 1000	99.6	99.7	99.9	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
≥ 900	99.6	99.7	99.9	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
≥ 800	99.6	99.7	99.9	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
≥ 700	99.6	99.7	99.9	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
≥ 600	99.6	99.7	99.9	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
≥ 500	99.6	99.7	99.9	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
≥ 400	99.6	99.7	99.9	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
≥ 300	99.6	99.7	99.9	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
≥ 200	99.6	99.7	99.9	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	99.6	99.7	99.9	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
≥ 0	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) AUG (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	78.9	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
≥ 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	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
≥ 9000	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
≥ 14000	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
≥ 12000	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
≥ 10000	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	94.1
≥ 9000	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
≥ 8000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 7000	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	97.2
≥ 6000	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	98.5
≥ 5000	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4500	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4000	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 100	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) AUG (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	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
≥ 20000	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
≥ 18000	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
≥ 16000	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 14000	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
≥ 12000	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
≥ 10000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 9000	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 8000	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 7000	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 6000	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 5000	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	99.2	99.2	99.2
≥ 4500	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4000	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 18000	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
≥ 16000	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 7000	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
≥ 6000	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 5000	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4500	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3500	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3000	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥	≥	≥	≥5/16	≥	≥0
NO CEILING	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	84.6
≥ 20000	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 18000	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 16000	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 14000	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 12000	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 10000	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	95.2
≥ 9000	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	95.5	95.5	95.5
≥ 8000	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 7000	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 6000	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 5000	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	99.0
≥ 4500	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 4000	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3500	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3000	99.0	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	99.6
≥ 2500	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.1	99.6	99.6	99.9	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	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 18000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 16000	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
≥ 14000	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	89.0
≥ 12000	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
≥ 10000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 9000	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 8000	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 7000	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	97.2	97.2	97.2
≥ 6000	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 5000	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 4500	98.8	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	99.2	99.2
≥ 4000	99.1	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	99.6	99.6
≥ 3500	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ [illegible]	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	74.8	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 20000	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 18000	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 16000	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 14000	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 12000	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 10000	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 9000	92.1	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
≥ 8000	94.1	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 7000	94.6	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 6000	97.4	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 5000	98.7	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4500	98.7	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 4000	98.9	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	99.0	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (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	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 20000	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 18000	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
≥ 16000	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
≥ 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	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
≥ 10000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 9000	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 8000	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 7000	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 6000	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 5000	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4500	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4000	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.4	99.8	99.8	99.8	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	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LT))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 20000	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 18000	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 16000	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 14000	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 12000	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 10000	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	93.4	93.4	93.4
≥ 9000	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 8000	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 7000	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 6000	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 5000	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4500	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4000	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7433

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 06-70,73-77 (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	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 20000	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
≥ 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	82.6	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
≥ 14000	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
≥ 12000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 10000	91.2	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
≥ 9000	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 8000	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	94.1	94.1
≥ 7000	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 6000	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 5000	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4500	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 4000	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.0	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.0	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.0	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 06-70,73-77 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (L))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	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
≥ 20000	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
≥ 18000	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 16000	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
≥ 14000	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
≥ 12000	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 10000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 9000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 8000	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
≥ 7000	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 6000	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 5000	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	97.7	97.7	97.7
≥ 4500	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	98.0	98.0	98.0
≥ 4000	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	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	99.1	99.1	99.1
≥ 1800	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	99.1	99.1	99.1
≥ 1500	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 20000	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 18000	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 16000	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	80.7
≥ 14000	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 12000	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 10000	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 9000	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	89.2
≥ 8000	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 7000	92.4	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
≥ 6000	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 5000	96.0	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
≥ 4500	96.4	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
≥ 4000	96.8	97.6	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3500	97.2	98.0	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3000	97.2	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2500	97.6	98.6	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	97.8	98.8	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	97.8	98.9	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	98.0	99.1	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	98.0	99.1	99.1	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	98.0	99.2	99.2	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	98.0	99.2	99.2	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.0	99.2	99.2	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.0	99.2	99.2	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.0	99.2	99.2	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.1	99.3	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.1	99.3	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.1	99.3	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.1	99.3	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.1	99.3	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.1	99.3	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 20000	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 18000	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 16000	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 14000	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 12000	87.2	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
≥ 10000	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 9000	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 8000	92.2	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
> 7000	92.9	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
≥ 6000	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 5000	95.7	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4500	96.3	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4000	97.1	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500	97.1	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3000	97.4	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	97.4	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	97.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	97.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	97.7	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	97.7	98.7	99.2	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	97.8	98.8	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	97.8	98.8	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	97.8	98.8	99.3	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.8	98.8	99.3	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.8	98.8	99.3	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.8	98.8	99.3	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.8	98.8	99.3	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.8	98.8	99.3	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.8	98.8	99.3	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.8	98.8	99.3	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	97.8	98.8	99.3	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	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	80.9
≥ 20000	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 18000	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 16000	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 14000	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
≥ 12000	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 10000	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
≥ 9000	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 8000	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	93.6	93.6	93.6
≥ 7000	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
≥ 6000	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 5000	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4500	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 4000	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3500	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3000	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2000	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.0	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.0	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.0	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.0	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.0	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
= 0	99.0	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 20000	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 18000	84.3	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
≥ 16000	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 14000	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 12000	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 10000	91.3	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
≥ 9000	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 8000	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 7000	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 6000	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 5000	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4500	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4000	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ ∞	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	99.0
≥ 3000	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500	98.8	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
≥ 2000	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	99.1	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	99.1	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	99.1	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	99.2	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.2	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.2	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.2	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.2	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.2	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.2	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.2	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.2	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.2	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥½	≥0
NO CEILING	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
≥ 20000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 18000	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
≥ 16000	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
≥ 14000	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 12000	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 11000	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 10000	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 9000	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
≥ 8000	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 7000	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 6000	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 5000	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 4500	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 4000	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3500	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3000	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500	99.0	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	99.1	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	99.1	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.2	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.2	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.2	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.2	99.4	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	≥1¾	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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	79.9	79.9
≥ 20000	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	81.4
≥ 18000	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	81.6
≥ 16000	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 14000	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	83.7
≥ 12000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 10000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 9000	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 8000	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 7000	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 6000	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 5000	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 4500	98.3	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 4000	98.9	99.4	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	99.6
≥ 3500	98.9	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	98.9	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	98.9	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	98.9	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	98.9	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.0	99.8	99.8	99.8	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
≥ 200	99.0	99.8	99.8	99.8	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	99.0	99.8	99.8	99.8	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
≥ 0	99.0	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 20000	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 18000	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
≥ 16000	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
≥ 14000	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 12000	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 10000	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 9100	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 8000	93.1	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
≥ 7000	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 6000	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 5000	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4500	97.6	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	98.1	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3500	98.2	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3000	98.3	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2500	98.4	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	98.6	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	98.6	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	98.7	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	98.8	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	98.8	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	98.8	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	98.8	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	98.8	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.8	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.8	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.8	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.8	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.8	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.8	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.8	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥½	≥⅜	≥0
NO CEILING	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 20000	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 18000	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 16000	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 14000	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	78.7
≥ 12000	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 10000	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 9000	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 8000	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 7000	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 6000	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	91.6	91.6	91.6
≥ 5000	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 4500	94.2	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
≥ 4000	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3500	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
≥ 3000	96.5	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2500	97.0	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	97.2	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	97.2	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	97.3	98.1	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	97.3	98.1	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	97.3	98.1	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	97.3	98.1	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	97.4	98.2	98.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	97.4	98.2	99.0	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	97.4	98.2	99.0	99.1	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	97.4	98.2	99.0	99.1	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	97.4	98.2	99.0	99.1	99.2	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	97.4	98.2	99.0	99.1	99.2	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 200	97.4	98.2	99.0	99.1	99.2	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	97.4	98.2	99.0	99.1	99.2	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	97.4	98.2	99.0	99.1	99.2	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24103 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 06-70,73-77 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	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
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 12000	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
≥ 10000	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 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	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 7000	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 6000	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
≥ 5000	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	93.1	93.1
≥ 4500	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 4000	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3500	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2500	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	97.1	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	97.5	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	97.5	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	97.5	98.4	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 900	97.5	98.4	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 800	97.5	98.4	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 700	97.5	98.4	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
≥ 600	97.5	98.4	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
≥ 500	97.5	98.5	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 400	97.6	98.6	99.2	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 300	97.6	98.6	99.2	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 200	97.6	98.6	99.2	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 100	97.6	98.6	99.2	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0
≥ 0	97.6	98.6	99.2	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥¾	≥½	≥	≥5/16	≥	≥0
NO CEILING	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
≥ 20000	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
≥ 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	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 14000	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	75.1	75.1
≥ 12000	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 10000	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 9000	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 7000	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 6000	89.0	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	89.2
≥ 5000	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	91.6	91.6
≥ 4500	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4000	94.2	94.4	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
≥ 3500	94.9	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	95.5	95.5
≥ 3000	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8
≥ 2500	96.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2
≥ 2000	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7
≥ 1800	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7
≥ 1500	97.1	97.5	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.5	98.5
> 1200	97.2	97.6	97.8	98.1	98.2	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7
≥ 1000	97.2	97.8	98.3	98.6	98.7	98.7	98.9	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.4	99.4
≥ 900	97.2	97.8	98.3	98.6	98.7	98.7	98.9	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.4	99.4
≥ 800	97.2	97.8	98.3	98.6	98.7	98.7	98.9	98.9	98.9	99.1	99.2	99.2	99.4	99.4	99.5	99.5
≥ 700	97.2	97.8	98.3	98.6	98.7	98.7	98.9	98.9	98.9	99.1	99.2	99.2	99.4	99.4	99.5	99.5
≥ 600	97.2	97.8	98.3	98.6	98.7	98.7	98.9	98.9	98.9	99.1	99.2	99.2	99.4	99.4	99.5	99.5
≥ 500	97.2	97.8	98.3	98.7	98.9	99.0	99.2	99.2	99.2	99.5	99.6	99.6	99.7	99.7	99.8	99.8
≥ 400	97.2	97.8	98.3	98.7	99.0	99.1	99.4	99.4	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 300	97.2	97.8	98.3	98.7	99.0	99.1	99.4	99.4	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	97.2	97.8	98.3	98.7	99.0	99.1	99.4	99.4	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	97.2	97.8	98.3	98.7	99.0	99.1	99.4	99.4	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	97.2	97.8	98.3	98.7	99.0	99.1	99.4	99.4	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 11-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥0
NO CEILING	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 20000	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 18000	73.3	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
≥ 16000	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 14000	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 12000	77.4	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
≥ 11000	80.4	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
≥ 9000	82.2	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
≥ 8000	84.8	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
≥ 7000	85.5	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
≥ 6000	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 5000	90.8	91.2	91.2	91.2	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4500	91.2	91.6	91.6	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4000	92.5	93.0	93.0	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3500	92.9	93.5	93.7	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3000	93.5	94.6	94.7	94.7	94.8	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	94.2	95.3	95.6	95.6	95.7	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	94.5	95.6	95.9	95.9	96.0	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	94.6	95.8	96.1	96.2	96.3	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	94.9	96.1	96.8	96.9	97.1	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	95.1	96.3	97.0	97.1	97.3	97.5	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0
≥ 1000	95.2	96.6	97.4	97.6	97.8	98.1	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5
≥ 900	95.2	96.6	97.4	97.6	97.8	98.1	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5
≥ 800	95.2	96.6	97.4	97.7	98.0	98.2	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6
≥ 700	95.3	96.7	97.5	97.8	98.1	98.3	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7
≥ 600	95.3	96.7	97.6	98.0	98.3	98.6	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.2
≥ 500	95.3	96.8	97.7	98.1	98.4	98.7	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5
≥ 400	95.3	96.9	97.8	98.2	98.6	98.9	99.1	99.4	99.6	99.6	99.7	99.7	99.8	99.8	100.0	100.0
≥ 300	95.3	96.9	97.8	98.2	98.6	98.9	99.1	99.4	99.6	99.6	99.7	99.7	99.8	99.8	100.0	100.0
≥ 200	95.3	96.9	97.8	98.2	98.6	98.9	99.1	99.4	99.6	99.6	99.7	99.7	99.8	99.8	100.0	100.0
≥ 100	95.3	96.9	97.8	98.2	98.6	98.9	99.1	99.4	99.6	99.6	99.7	99.7	99.8	99.8	100.0	100.0
≥ 0	95.3	96.9	97.8	98.2	98.6	98.9	99.1	99.4	99.6	99.6	99.7	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR, LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	69.6	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	73.7	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 18000	74.1	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 16000	74.8	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 14000	75.6	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	76.3
≥ 12000	76.8	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 10000	79.1	79.8	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
≥ 9000	80.4	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 8000	82.3	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 7000	84.4	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 6000	86.3	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 5000	89.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500	90.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4000	91.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3500	91.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	92.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2500	93.8	95.0	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000	94.2	95.7	95.9	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	94.3	95.8	96.0	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	94.7	96.6	96.9	96.9	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	94.8	96.7	97.0	97.2	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	94.9	97.0	97.3	97.6	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	94.9	97.0	97.3	97.6	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	95.0	97.1	97.4	97.7	98.5	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	95.0	97.2	97.5	97.8	98.6	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	95.0	97.2	97.6	98.0	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	95.0	97.2	97.6	98.0	98.8	98.9	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	95.0	97.2	97.6	98.0	98.8	98.9	99.4	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	95.0	97.2	97.6	98.0	98.8	98.9	99.4	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	95.0	97.2	97.6	98.0	98.8	98.9	99.4	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	95.0	97.2	97.6	98.0	98.8	98.9	99.4	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	95.0	97.2	97.6	98.0	98.8	98.9	99.4	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	≥1¾	≥1½	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 20000	72.3	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 18000	73.2	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
≥ 16000	74.1	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	75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 12000	77.3	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
≥ 10000	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	82.0
≥ 9000	83.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 8000	85.4	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
≥ 7000	87.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 6000	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 5000	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4500	92.6	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	93.0	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3500	93.7	94.4	94.4	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000	94.0	95.2	95.2	95.2	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	94.9	96.2	96.2	96.2	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	95.2	96.5	96.5	96.6	96.9	96.9	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800	95.3	96.6	96.6	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	95.9	97.3	97.3	97.5	98.0	98.0	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	96.0	97.5	97.5	97.7	98.2	98.2	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	96.0	97.5	97.6	97.8	98.3	98.3	98.4	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	96.0	97.6	97.7	98.0	98.5	98.5	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	96.0	97.5	97.7	98.0	98.5	98.5	98.9	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	96.1	97.6	97.8	98.2	98.7	98.7	99.1	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	96.1	97.6	97.8	98.2	98.7	98.7	99.1	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	96.1	97.6	97.8	98.2	98.7	98.7	99.1	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	96.1	97.6	97.8	98.2	98.7	98.7	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	96.1	97.6	97.8	98.2	98.7	98.7	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	96.1	97.6	97.8	98.2	98.7	98.7	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	96.1	97.6	97.8	98.2	98.7	98.7	99.1	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
0	96.1	97.6	97.8	98.2	98.7	98.7	99.1	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1¼	≥1½	≥1¾	≥2	≥2½	≥3	≥5/16	≥¼	≥0
NO CEILING	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 20000	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 16000	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 12000	81.1	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
≥ 10000	84.3	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
≥ 9000	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 8000	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 7000	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 6000	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 5000	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4500	92.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4000	93.9	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
≥ 3500	94.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3000	94.9	96.3	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
≥ 2500	95.8	97.7	97.8	97.8	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	96.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	96.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	96.5	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	96.8	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	96.8	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
900	96.8	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	96.8	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	96.8	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	96.8	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	96.8	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.8	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.8	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.8	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.8	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	96.8	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	½	≤	≥5/16	≥¼	0
NO CEILING	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 20000	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 18000	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 16000	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
≥ 14000	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	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
≥ 11000	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 9000	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 8000	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
≥ 7000	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 6000	89.6	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
≥ 5000	92.4	93.1	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
≥ 4500	93.0	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 4000	93.4	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3500	94.1	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3000	95.2	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500	95.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000	96.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	96.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	96.8	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	96.8	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	96.8	98.3	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	96.8	98.3	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	96.8	98.3	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	96.8	98.3	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	96.8	98.3	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	96.8	98.3	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	96.8	98.3	99.2	99.2	99.2	99.2	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	96.8	98.3	99.2	99.2	99.2	99.2	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.8	98.3	99.2	99.2	99.2	99.2	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.8	98.3	99.2	99.2	99.2	99.2	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	96.8	98.3	99.2	99.2	99.2	99.2	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 HILL AFB/OGDEN UTAH 66-70,73-77 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥5/16	≥1/4	≥0
NO CEILING	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	72.4
≥ 20000	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 18000	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 16000	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 14000	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 12000	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 10000	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 9000	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 8000	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
≥ 7000	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 6000	89.3	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 5000	91.9	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4500	92.5	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4000	93.6	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3500	94.1	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	94.9	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2500	95.6	96.6	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	96.0	97.1	97.2	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	96.1	97.2	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7
≥ 1500	96.3	97.6	97.9	98.0	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	96.4	97.7	98.1	98.2	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	96.5	97.9	98.3	98.5	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	96.5	97.9	98.3	98.5	98.7	98.7	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	96.5	97.9	98.4	98.5	98.8	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	96.5	98.0	98.5	98.7	98.9	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 600	96.5	98.0	98.5	98.7	99.0	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 500	96.5	98.0	98.5	98.8	99.0	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 400	96.5	98.0	98.6	98.8	99.1	99.2	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	96.5	98.0	98.6	98.8	99.1	99.2	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	96.5	98.0	98.6	98.8	99.1	99.2	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	96.5	98.0	98.6	98.8	99.1	99.2	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	96.5	98.0	98.6	98.8	99.1	99.2	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7438

USAF ETAC FORM 0-13-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	55.6	57.9	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 20000	56.8	59.1	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 18000	57.3	59.7	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 16000	57.8	60.1	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 14000	59.2	61.6	62.2	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 12000	60.9	63.2	63.9	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 10000	65.3	67.7	68.3	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 9000	66.2	68.8	69.4	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
≥ 8000	70.2	72.7	73.3	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
≥ 7000	73.3	75.9	76.6	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
≥ 6000	76.1	78.7	79.3	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 5000	82.3	85.1	85.8	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4500	84.2	87.4	88.1	88.3	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.8
≥ 4000	85.9	89.6	90.2	90.6	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.1
≥ 3500	86.6	90.6	91.2	91.7	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2
≥ 3000	88.2	92.3	93.1	93.7	93.7	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.4
≥ 2500	88.7	92.9	93.7	94.2	94.2	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0
≥ 2000	88.9	93.4	94.4	95.2	95.4	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.2
≥ 1800	88.9	93.4	94.4	95.3	95.6	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.3
≥ 1500	89.0	93.6	94.6	95.6	95.8	95.9	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.8
≥ 1200	89.0	93.6	94.6	95.6	95.8	95.9	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.8
≥ 1000	89.0	93.6	94.7	95.8	96.1	96.2	97.1	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.8
≥ 900	89.0	93.6	94.7	95.8	96.1	96.3	97.2	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.9
≥ 800	89.0	93.6	94.7	95.8	96.1	96.3	97.2	97.4	97.8	97.8	97.9	97.9	97.9	97.9	97.9	98.1
≥ 700	89.2	93.8	94.9	96.1	96.4	96.7	97.7	97.9	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.6
≥ 600	89.3	94.0	95.1	96.3	96.7	96.9	97.9	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.7	98.9
≥ 500	89.3	94.0	95.1	96.3	96.7	96.9	97.9	98.1	98.4	98.4	98.9	98.9	98.9	98.9	99.0	99.2
≥ 400	89.3	94.0	95.1	96.3	96.7	96.9	98.0	98.3	98.7	98.7	99.1	99.1	99.2	99.2	99.3	99.5
≥ 300	89.3	94.0	95.1	96.3	96.7	96.9	98.0	98.3	98.7	98.7	99.1	99.1	99.3	99.3	99.4	99.7
≥ 200	89.3	94.0	95.1	96.3	96.7	96.9	98.0	98.4	98.8	98.8	99.3	99.3	99.6	99.6	99.7	99.9
≥ 100	89.3	94.0	95.1	96.3	96.7	96.9	98.0	98.4	98.8	98.8	99.3	99.3	99.6	99.6	99.7	100.0
≥ 0	89.3	94.0	95.1	96.3	96.7	96.9	98.0	98.4	98.8	98.8	99.3	99.3	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 920

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	>1	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	55.3	57.4	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 20000	56.9	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 18000	57.7	59.8	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
≥ 16000	58.2	60.3	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 14000	59.6	61.7	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000	62.1	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 10000	65.0	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 9000	66.0	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 8000	69.6	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 7000	72.8	75.1	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 6000	75.3	77.9	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3
≥ 5000	79.7	82.4	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1
≥ 4500	82.2	85.0	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7
≥ 4000	84.8	87.3	88.2	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9
≥ 3500	86.4	89.6	90.0	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8
≥ 3000	87.9	91.1	91.8	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.7	92.7
≥ 2500	88.7	92.1	92.8	93.2	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	94.0	94.0
≥ 2000	89.3	92.9	93.8	94.2	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.1	95.1
≥ 1800	89.3	92.9	93.8	94.2	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.1	95.1
≥ 1500	89.6	93.1	94.1	94.7	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.7	95.7
≥ 1200	89.7	93.2	94.3	94.9	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	96.0	96.0
≥ 1000	89.8	93.3	94.4	95.0	95.6	95.8	96.3	96.6	96.7	96.7	96.8	96.8	97.0	97.0	97.1	97.1
≥ 900	89.8	93.3	94.4	95.0	95.6	95.8	96.3	96.6	96.7	96.7	96.8	96.8	97.0	97.0	97.1	97.1
≥ 800	89.8	93.3	94.4	95.1	95.7	95.9	96.4	96.7	96.8	96.8	97.0	97.0	97.2	97.2	97.3	97.3
≥ 700	89.8	93.3	94.4	95.1	95.7	95.9	96.4	96.8	96.9	97.0	97.2	97.2	97.4	97.4	97.6	97.6
≥ 600	89.8	93.3	94.7	95.3	95.9	96.1	96.8	97.1	97.2	97.3	97.6	97.6	97.8	97.8	97.9	97.9
≥ 500	89.8	93.4	94.8	95.4	96.0	96.2	96.9	97.2	97.3	97.4	98.0	98.0	98.2	98.2	98.3	98.4
≥ 400	89.8	93.4	94.8	95.4	96.0	96.2	96.9	97.2	97.4	97.7	98.4	98.4	98.7	98.7	98.8	98.9
≥ 300	89.8	93.4	94.8	95.4	96.0	96.2	97.0	97.3	97.6	97.8	98.6	98.6	98.9	99.0	99.1	99.2
≥ 200	89.8	93.4	94.8	95.4	96.0	96.2	97.0	97.3	97.6	97.8	98.6	98.6	99.2	99.3	99.7	99.8
≥ 100	89.8	93.4	94.8	95.4	96.0	96.2	97.0	97.3	97.6	97.8	98.7	98.7	99.3	99.4	99.8	100.0
≥ 0	89.8	93.4	94.8	95.4	96.0	96.2	97.0	97.3	97.6	97.8	98.7	98.7	99.3	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-13-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	54.1	56.2	56.3	56.4	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 20000	55.3	57.4	57.6	57.7	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000	56.1	58.2	58.3	58.4	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 16000	56.2	58.3	58.4	58.6	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 14000	57.3	59.4	59.6	59.7	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 12000	60.4	62.6	62.7	62.8	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 10000	64.7	66.9	67.0	67.2	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 9000	65.7	67.9	68.0	68.2	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 8000	68.8	71.0	71.1	71.4	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 7000	72.1	74.4	74.6	75.0	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 6000	75.0	77.3	77.4	77.9	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 5000	79.7	82.0	82.1	82.6	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4500	81.4	84.0	84.2	84.7	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	84.0	87.1	87.8	88.4	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500	85.1	88.6	89.2	89.9	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3000	86.3	90.0	90.7	91.3	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2500	87.2	91.0	91.8	92.4	93.3	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2000	87.4	91.2	92.1	92.9	93.9	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1800	87.8	91.7	92.6	93.3	94.3	94.8	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1500	88.3	92.3	93.2	94.0	95.1	95.6	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	88.4	92.6	93.4	94.2	95.3	95.8	96.1	96.3	96.6	96.7	96.8	96.8	96.8	96.8	96.3	96.6
≥ 1000	88.6	92.7	93.6	94.3	95.4	95.9	96.7	97.0	97.3	97.6	97.7	97.7	97.9	97.9	97.9	97.9
≥ 900	88.7	92.8	93.7	94.6	95.7	96.1	97.0	97.3	97.7	97.9	98.0	98.0	98.2	98.2	98.2	98.2
≥ 800	88.8	92.9	93.8	95.0	96.1	96.6	97.6	97.9	98.3	98.6	98.8	98.8	99.0	99.0	99.0	99.0
≥ 700	88.8	92.9	93.8	95.0	96.1	96.6	97.6	97.9	98.4	98.8	99.0	99.0	99.3	99.3	99.3	99.3
≥ 600	88.8	92.9	93.8	95.0	96.1	96.6	97.6	98.0	98.6	98.9	99.1	99.1	99.4	99.4	99.4	99.4
≥ 500	88.8	92.9	93.8	95.0	96.1	96.6	97.7	98.1	98.7	99.1	99.3	99.3	99.7	99.7	99.7	99.7
≥ 400	88.8	92.9	93.8	95.0	96.1	96.6	97.7	98.1	98.8	99.2	99.4	99.4	99.8	99.8	99.8	99.8
≥ 300	88.8	92.9	93.8	95.0	96.1	96.6	97.7	98.1	98.8	99.2	99.4	99.4	99.8	99.8	99.8	99.8
≥ 200	88.8	92.9	93.8	95.0	96.1	96.7	97.8	98.2	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9
≥ 100	88.8	92.9	93.8	95.0	96.1	96.7	97.8	98.2	98.9	99.3	99.6	99.6	99.9	99.9	100.0	100.0
≥ 0	88.8	92.9	93.8	95.0	96.1	96.7	97.8	98.2	98.9	99.3	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅝ to ¾	≥0
NO CEILING	48.1	52.7	53.3	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 20000	50.4	55.0	55.7	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 18000	51.0	55.6	56.2	56.4	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	52.0	56.6	57.2	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 14000	54.9	59.4	60.1	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 12000	58.2	62.9	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
≥ 10000	61.8	66.7	67.6	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 9000	62.6	67.4	68.3	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 8000	64.6	69.6	70.4	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 7000	67.1	72.4	73.6	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
≥ 6000	70.0	75.4	76.5	76.8	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 5000	75.1	80.7	82.0	82.2	82.4	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500	78.2	84.3	85.7	85.9	86.1	86.1	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 4000	80.6	86.8	88.2	88.4	88.7	88.7	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3500	81.7	88.1	89.6	89.8	90.0	90.0	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3000	82.8	89.4	91.0	91.2	91.6	91.6	92.0	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	83.7	90.6	92.3	92.7	93.0	93.1	93.6	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2000	84.1	91.6	93.7	94.2	94.6	94.8	95.2	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	84.2	91.7	93.8	94.3	94.7	94.9	95.3	95.4	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	84.4	92.0	94.1	94.8	95.1	95.3	95.8	96.0	96.1	96.3	96.4	96.4	96.6	96.6	96.6	96.6
≥ 1200	84.4	92.0	94.1	94.8	95.2	95.4	96.0	96.2	96.4	96.8	96.9	96.9	97.0	97.0	97.0	97.0
≥ 1000	84.4	92.1	94.2	94.9	95.4	95.7	96.2	96.6	96.8	97.1	97.2	97.2	97.3	97.3	97.4	97.4
≥ 900	84.6	92.2	94.3	95.0	95.6	95.8	96.3	96.7	96.9	97.2	97.3	97.4	97.6	97.6	97.7	97.7
≥ 800	84.6	92.2	94.3	95.0	95.6	95.8	96.3	96.7	96.9	97.2	97.3	97.4	97.6	97.6	97.7	97.7
≥ 700	84.6	92.2	94.4	95.1	95.7	95.9	96.6	96.9	97.1	97.6	97.8	98.1	98.3	98.3	98.4	98.4
≥ 600	84.6	92.2	94.4	95.1	95.7	95.9	96.6	96.9	97.1	97.7	97.9	98.3	98.6	98.6	98.7	98.7
≥ 500	84.6	92.2	94.6	95.2	95.8	96.0	96.7	97.0	97.2	97.8	98.1	98.6	99.0	99.0	99.1	99.1
≥ 400	84.6	92.2	94.6	95.3	95.9	96.1	96.8	97.1	97.3	97.9	98.2	98.7	99.1	99.1	99.2	99.2
≥ 300	84.6	92.2	94.6	95.4	96.0	96.2	96.9	97.2	97.4	98.1	98.4	98.9	99.3	99.6	99.7	99.7
≥ 200	84.6	92.2	94.6	95.4	96.0	96.2	96.9	97.2	97.4	98.1	98.4	98.9	99.6	99.8	99.9	99.9
≥ 100	84.6	92.2	94.6	95.4	96.0	96.2	96.9	97.2	97.4	98.1	98.6	99.0	99.7	99.9	100.0	100.0
≥ 0	84.6	92.2	94.6	95.4	96.0	96.2	96.9	97.2	97.4	98.1	98.6	99.0	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	≥1¾	≥1½	≥1	≥¾	≥½	≥	≥5/16	≥¼	0
NO CEILING	48.6	52.4	54.0	54.2	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 20000	52.2	56.1	57.7	57.9	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000	53.0	56.9	58.4	58.7	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 16000	54.1	58.0	59.6	59.8	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 14000	56.9	60.8	62.3	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 12000	58.9	63.0	64.6	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 10000	63.4	67.9	69.4	69.8	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 9000	65.0	69.4	71.0	71.3	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000	67.0	71.4	73.0	73.3	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 7000	69.4	74.2	75.9	76.2	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 6000	72.2	77.1	78.9	79.2	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 5000	76.9	81.8	83.6	84.0	84.3	84.3	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4500	79.2	84.1	85.9	86.3	86.7	86.7	87.0	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4000	81.3	86.4	88.2	88.7	89.0	89.0	89.3	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3500	82.2	87.3	89.1	89.6	89.9	89.9	90.2	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3000	83.2	88.6	90.4	91.0	91.3	91.3	91.7	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2500	83.8	89.4	91.4	92.0	92.3	92.3	92.7	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
2000	83.9	89.6	91.7	92.3	92.7	92.7	93.1	93.4	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	83.9	89.6	91.7	92.3	92.7	92.7	93.1	93.6	93.7	94.0	94.1	94.1	94.2	94.2	94.2	94.2
1500	83.9	89.6	92.1	92.9	93.2	93.2	93.7	94.1	94.2	94.6	94.7	94.7	94.9	94.9	94.9	94.9
≥ 1400	84.0	89.8	92.6	93.3	93.8	93.8	94.3	94.8	94.9	95.2	95.3	95.3	95.6	95.6	95.6	95.6
≥ 1000	84.2	90.1	92.9	93.8	94.2	94.3	95.0	95.4	95.6	95.9	96.1	96.1	96.3	96.3	96.3	96.3
≥ 900	84.2	90.1	93.1	94.0	94.4	94.6	95.2	95.8	95.9	96.2	96.4	96.4	96.7	96.8	96.8	96.8
800	84.2	90.1	93.1	94.1	94.6	94.7	95.4	96.0	96.1	96.4	96.8	96.8	97.0	97.1	97.1	97.1
≥ 700	84.2	90.1	93.1	94.1	94.6	94.7	95.4	96.0	96.1	96.4	96.9	96.9	97.1	97.2	97.2	97.2
≥ 600	84.2	90.1	93.1	94.1	94.6	94.7	95.6	96.2	96.3	96.8	97.2	97.3	97.7	97.8	97.8	97.8
≥ 500	84.3	90.2	93.2	94.2	94.7	94.8	95.7	96.3	96.4	96.9	97.4	97.7	98.2	98.3	98.4	98.4
≥ 400	84.3	90.2	93.2	94.2	94.7	94.8	95.7	96.3	96.4	97.0	97.6	97.8	98.3	98.7	98.9	99.0
≥ 300	84.3	90.2	93.2	94.2	94.7	94.8	95.7	96.3	96.4	97.0	97.7	98.0	98.7	99.0	99.3	99.4
200	84.3	90.2	93.2	94.2	94.7	94.8	95.7	96.3	96.4	97.0	97.7	98.0	98.8	99.1	99.6	99.8
≥ 100	84.3	90.2	93.2	94.2	94.7	94.8	95.7	96.3	96.4	97.0	97.7	98.0	98.8	99.1	99.6	100.0
0	84.3	90.2	93.2	94.2	94.7	94.8	95.7	96.3	96.4	97.0	97.7	98.0	98.8	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1 7/8	≥1 3/4	≥1 1/2	≥1 1/4	≥1	≥7/8	≥3/4	≥5/8	≥1/2	≥0
NO CEILING	49.3	53.0	53.4	53.9	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3
≥ 20000	53.9	57.9	58.3	58.8	58.9	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2
≥ 18000	54.6	58.6	59.0	59.4	59.6	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9
≥ 16000	55.7	59.7	60.1	60.6	60.7	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0
≥ 14000	58.1	62.3	62.8	63.2	63.3	63.3	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7
≥ 12000	62.0	66.2	66.7	67.1	67.2	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.6
≥ 10000	65.4	70.0	70.4	70.9	71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3
≥ 9000	67.1	71.7	72.1	72.6	72.7	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0
≥ 8000	69.2	73.8	74.2	74.7	74.8	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1
≥ 7000	71.9	76.6	77.0	77.4	77.6	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9
≥ 6000	74.1	78.8	79.3	79.8	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3
≥ 5000	79.6	84.4	85.1	85.7	86.2	86.2	86.3	86.7	86.8	86.9	86.9	86.9	86.9	87.0	87.0	87.0
≥ 4500	80.9	86.0	86.7	87.2	87.8	87.8	87.9	88.2	88.3	88.4	88.4	88.4	88.4	88.6	88.6	88.6
≥ 4000	82.8	88.0	88.8	89.3	90.0	90.0	90.3	90.7	90.8	90.9	90.9	90.9	90.9	91.0	91.0	91.0
≥ 3500	83.4	88.7	89.6	90.2	90.9	90.9	91.2	91.6	91.7	91.8	91.8	91.8	91.8	91.9	91.9	91.9
≥ 3000	84.1	89.7	90.8	91.6	92.3	92.3	92.7	93.0	93.1	93.2	93.2	93.2	93.2	93.3	93.3	93.3
≥ 2500	84.8	90.4	91.7	92.4	93.2	93.2	93.6	93.9	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.2
≥ 2000	85.4	91.1	92.6	93.4	94.3	94.3	94.7	95.1	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4
≥ 1800	85.7	91.3	92.9	93.8	94.7	94.7	95.0	95.4	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8
≥ 1500	85.9	91.6	93.6	94.4	95.3	95.3	95.7	96.2	96.3	96.4	96.4	96.4	96.4	96.6	96.6	96.6
≥ 1200	86.0	91.7	93.7	94.6	95.6	95.6	95.9	96.4	96.6	96.7	96.7	96.7	96.7	96.8	96.8	96.8
≥ 1000	86.0	91.7	93.7	94.6	95.8	95.9	96.2	96.8	96.9	97.0	97.0	97.0	97.0	97.1	97.1	97.1
≥ 900	86.0	91.7	93.7	94.6	95.8	95.9	96.2	96.9	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2
≥ 800	86.0	91.7	93.8	94.7	95.9	96.0	96.3	97.0	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3
≥ 700	86.1	91.8	93.9	94.8	96.0	96.1	96.4	97.1	97.2	97.3	97.4	97.6	97.6	97.7	97.7	97.7
≥ 600	86.1	91.8	93.9	94.8	96.0	96.2	96.6	97.4	97.6	97.7	97.8	98.2	98.3	98.4	98.4	98.4
≥ 500	86.1	91.8	93.9	94.8	96.0	96.2	96.6	97.4	97.7	98.0	98.1	98.6	98.7	98.9	99.1	99.1
≥ 400	86.1	91.8	93.9	94.8	96.0	96.2	96.6	97.4	97.7	98.0	98.2	98.7	98.8	99.0	99.4	99.4
≥ 300	86.1	91.8	93.9	94.8	96.0	96.2	96.6	97.4	97.7	98.0	98.2	98.7	98.8	99.0	99.6	99.6
≥ 200	86.1	91.8	93.9	94.8	96.0	96.2	96.6	97.4	97.7	98.0	98.2	98.7	98.9	99.1	99.8	99.8
≥ 100	86.1	91.8	93.9	94.8	96.0	96.2	96.6	97.4	97.7	98.0	98.2	98.7	98.9	99.1	99.9	100.0
≥ 0	86.1	91.8	93.9	94.8	96.0	96.2	96.6	97.4	97.7	98.0	98.2	98.7	98.9	99.1	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	55.1	56.7	57.2	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 20000	57.9	59.8	60.3	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 18000	58.8	60.7	61.2	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
≥ 16000	59.3	61.2	61.8	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
≥ 14000	61.6	63.4	64.0	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 12000	64.3	66.2	66.8	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
≥ 10000	68.1	70.0	70.6	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 9000	69.4	71.3	71.9	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
≥ 8000	72.4	74.3	74.9	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 7000	75.0	76.9	77.4	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 6000	78.1	80.0	80.6	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	81.4	83.9	84.7	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7
> 4500	82.7	85.1	86.1	86.7	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4
≥ 4000	84.2	86.7	87.7	88.3	88.8	88.8	89.2	89.2	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4
> 3500	85.7	88.3	89.4	90.1	90.6	90.6	91.0	91.0	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2
≥ 3000	86.8	89.8	91.0	91.8	92.3	92.3	92.8	92.8	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0
≥ 2500	87.8	91.2	92.8	93.6	94.1	94.1	94.6	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8
≥ 2000	88.2	91.7	93.4	94.3	95.1	95.1	95.6	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 1800	88.2	91.7	93.4	94.3	95.1	95.1	95.6	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 1500	88.6	92.1	94.0	95.0	95.8	95.8	96.3	96.3	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6
≥ 1200	88.6	92.1	94.0	95.0	95.9	95.9	96.4	96.4	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 1000	88.6	92.1	94.1	95.1	96.0	96.0	96.8	96.9	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 900	88.7	92.2	94.3	95.3	96.2	96.2	97.1	97.2	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 800	88.7	92.2	94.3	95.3	96.2	96.2	97.1	97.3	97.4	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 700	88.7	92.2	94.3	95.3	96.3	96.3	97.2	97.4	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 600	88.7	92.2	94.3	95.3	96.3	96.3	97.2	97.4	97.6	97.9	98.0	98.0	98.2	98.2	98.2	98.2
≥ 500	88.7	92.2	94.3	95.3	96.3	96.3	97.2	97.6	97.7	98.0	98.1	98.1	98.4	98.4	98.4	98.4
≥ 400	88.7	92.2	94.3	95.3	96.3	96.3	97.2	97.6	97.7	98.1	98.2	98.2	98.6	98.6	98.6	98.6
≥ 300	88.7	92.2	94.3	95.3	96.3	96.3	97.2	97.6	97.7	98.1	98.3	98.3	98.7	98.8	98.9	98.9
≥ 200	88.7	92.2	94.3	95.3	96.3	96.3	97.2	97.6	97.7	98.1	98.3	98.3	98.7	98.8	98.9	99.1
> 100	88.7	92.2	94.3	95.3	96.3	96.3	97.2	97.6	97.7	98.2	98.4	98.4	98.9	99.0	99.3	99.9
≥ 0	88.7	92.2	94.3	95.3	96.3	96.3	97.2	97.6	97.7	98.2	98.4	98.4	98.9	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (01 A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥½	≥0
NO CEILING	56.3	58.4	59.2	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
≥ 20000	58.1	60.2	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 18000	59.0	61.1	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 16000	60.0	62.1	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 14000	62.1	64.2	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 12000	65.0	67.1	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000	68.7	70.8	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 9000	70.1	72.2	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3
≥ 8000	72.8	74.9	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0
≥ 7000	74.6	76.7	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
≥ 6000	77.8	79.9	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.1	81.1	81.1	81.1
≥ 5000	82.8	85.4	86.4	86.8	86.8	86.9	86.9	86.9	86.9	86.9	87.1	87.1	87.3	87.3	87.3	87.3
≥ 4500	84.3	87.1	88.1	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.9	88.9	89.1	89.1	89.1	89.2
≥ 4000	85.8	88.8	89.8	90.2	90.3	90.4	90.4	90.4	90.4	90.6	90.8	90.8	91.0	91.0	91.0	91.1
≥ 3500	87.2	90.6	91.7	92.1	92.3	92.4	92.6	92.6	92.6	92.7	92.9	92.9	93.1	93.1	93.1	93.2
≥ 3000	87.8	91.1	92.3	92.9	93.3	93.4	93.6	93.6	93.6	93.7	93.9	93.9	94.1	94.1	94.1	94.2
≥ 2500	88.1	91.4	92.7	93.2	93.7	93.9	94.0	94.0	94.0	94.1	94.3	94.3	94.6	94.6	94.6	94.7
≥ 2000	88.8	92.2	93.7	94.2	94.7	94.9	95.0	95.0	95.0	95.1	95.3	95.3	95.6	95.6	95.6	95.7
≥ 1800	88.9	92.3	93.8	94.3	94.8	95.0	95.1	95.1	95.1	95.2	95.4	95.4	95.7	95.7	95.7	95.8
≥ 1500	89.2	92.7	94.1	94.7	95.1	95.3	95.4	95.4	95.4	95.6	95.9	95.9	96.1	96.1	96.1	96.2
≥ 1200	89.2	92.7	94.1	94.7	95.1	95.3	95.4	95.4	95.4	95.6	95.9	95.9	96.1	96.1	96.1	96.2
≥ 1000	89.6	93.0	94.6	95.3	95.8	96.0	96.4	96.4	96.4	96.6	96.9	96.9	97.1	97.1	97.1	97.2
≥ 700	89.7	93.1	94.7	95.6	96.0	96.2	96.7	96.7	96.7	96.8	97.1	97.1	97.3	97.3	97.3	97.4
≥ 900	89.8	93.2	94.8	95.7	96.1	96.3	96.8	96.8	96.8	96.9	97.2	97.2	97.4	97.4	97.4	97.6
≥ 700	89.8	93.2	94.8	95.7	96.1	96.3	96.8	96.8	96.8	96.9	97.2	97.2	97.4	97.4	97.6	97.7
≥ 600	89.8	93.2	94.8	95.7	96.1	96.4	97.0	97.0	97.0	97.2	97.7	97.7	98.0	98.1	98.2	98.3
≥ 500	89.8	93.2	94.8	95.8	96.2	96.6	97.1	97.2	97.2	97.4	98.0	98.0	98.3	98.4	98.6	98.7
≥ 400	89.8	93.2	94.8	95.8	96.2	96.6	97.1	97.2	97.2	97.6	98.1	98.1	98.4	98.8	98.9	99.0
≥ 300	89.8	93.2	94.8	95.8	96.2	96.6	97.1	97.2	97.2	97.6	98.1	98.1	98.4	98.8	98.9	99.0
≥ 200	89.8	93.2	94.8	95.8	96.2	96.6	97.1	97.2	97.2	97.6	98.2	98.2	98.6	98.9	99.0	99.3
≥ 100	89.8	93.2	94.8	95.8	96.2	96.6	97.1	97.2	97.2	97.6	98.2	98.2	98.6	98.9	99.0	99.4
≥ 0	89.8	93.2	94.8	95.8	96.2	96.6	97.1	97.2	97.2	97.7	98.3	98.3	98.7	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	52.8	55.6	56.2	56.4	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 20000	55.2	58.1	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1
≥ 18000	55.9	58.8	59.4	59.6	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 16000	56.7	59.5	60.2	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 14000	58.7	61.6	62.2	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 12000	61.5	64.4	65.1	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 10000	65.3	68.4	69.0	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 9000	66.5	69.6	70.3	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 8000	69.3	72.4	73.1	73.3	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 7000	72.0	75.3	76.0	76.2	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 6000	74.8	78.1	78.8	79.1	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5
≥ 5000	79.7	83.2	84.1	84.4	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0
≥ 4500	81.7	85.4	86.3	86.6	86.9	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3
≥ 4000	83.7	87.6	88.6	89.1	89.4	89.4	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.9	89.9	89.9
≥ 3500	84.8	89.0	90.0	90.5	90.8	90.8	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.4
≥ 3000	85.9	90.3	91.4	91.9	92.4	92.4	92.7	92.8	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0
≥ 2500	86.6	91.1	92.4	93.0	93.4	93.6	93.8	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.2
≥ 2000	87.0	91.7	93.2	93.9	94.4	94.6	94.9	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.3	95.3
≥ 1800	87.1	91.8	93.3	94.0	94.6	94.7	95.0	95.1	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.5
≥ 1500	87.4	92.1	93.7	94.5	95.1	95.2	95.6	95.8	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.2
≥ 1200	87.4	92.2	93.8	94.6	95.3	95.4	95.8	96.0	96.1	96.2	96.3	96.3	96.4	96.4	96.4	96.5
≥ 1000	87.5	92.3	94.0	94.8	95.5	95.7	96.2	96.6	96.8	96.9	97.1	97.1	97.2	97.2	97.2	97.3
≥ 900	87.6	92.4	94.1	95.0	95.7	95.9	96.5	96.8	97.0	97.1	97.3	97.3	97.4	97.4	97.5	97.5
≥ 800	87.6	92.4	94.2	95.1	95.8	96.0	96.7	97.0	97.2	97.3	97.5	97.5	97.6	97.7	97.7	97.7
≥ 700	87.6	92.4	94.2	95.2	95.9	96.1	96.8	97.1	97.3	97.5	97.7	97.8	97.9	98.0	98.0	98.0
≥ 600	87.7	92.5	94.3	95.2	95.9	96.1	96.9	97.3	97.5	97.7	98.0	98.1	98.3	98.4	98.4	98.5
≥ 500	87.7	92.5	94.3	95.3	96.0	96.2	97.0	97.4	97.6	97.9	98.3	98.4	98.7	98.7	98.8	98.9
≥ 400	87.7	92.5	94.3	95.3	96.0	96.2	97.0	97.4	97.7	98.0	98.4	98.6	98.9	99.0	99.1	99.2
≥ 300	87.7	92.5	94.3	95.3	96.0	96.2	97.0	97.4	97.7	98.1	98.5	98.6	99.0	99.2	99.3	99.4
≥ 200	87.7	92.5	94.3	95.3	96.0	96.2	97.0	97.5	97.7	98.1	98.5	98.7	99.1	99.3	99.5	99.7
≥ 100	87.7	92.5	94.3	95.3	96.0	96.2	97.0	97.5	97.7	98.1	98.6	98.7	99.2	99.4	99.7	99.9
≥ 0	87.7	92.5	94.3	95.3	96.0	96.2	97.0	97.5	97.7	98.1	98.6	98.8	99.2	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7209

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥7	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	37.1	44.1	44.8	45.3	45.8	45.8	45.9	46.2	46.2	46.3	46.3	46.5	46.5	46.5	46.5	46.6
≥ 20000	39.1	46.1	46.9	47.3	47.8	47.8	48.0	48.3	48.3	48.4	48.4	48.5	48.5	48.5	48.5	48.6
≥ 18000	39.5	46.5	47.2	47.6	48.2	48.2	48.3	48.6	48.6	48.7	48.7	48.8	48.8	48.8	48.8	49.1
≥ 16000	40.1	47.1	47.8	48.3	48.8	48.8	48.9	49.2	49.2	49.4	49.4	49.5	49.5	49.5	49.5	49.8
≥ 14000	41.3	48.3	49.0	49.6	50.1	50.1	50.2	50.5	50.5	50.6	50.6	50.8	50.8	50.8	50.8	51.1
≥ 12000	42.9	49.9	50.6	51.3	51.8	51.8	52.0	52.4	52.4	52.5	52.5	52.6	52.6	52.6	52.6	52.9
≥ 10000	45.3	52.3	53.0	53.7	54.2	54.2	54.4	54.7	54.7	54.8	54.8	54.9	54.9	54.9	54.9	55.3
≥ 9000	45.6	52.6	53.3	54.0	54.5	54.5	54.7	55.1	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.6
≥ 8000	47.2	54.2	54.9	55.6	56.2	56.2	56.6	57.0	57.0	57.2	57.2	57.3	57.3	57.3	57.3	57.6
≥ 7000	48.8	56.2	57.1	57.8	58.6	58.6	59.0	59.5	59.5	59.7	59.7	59.8	59.8	59.8	59.8	60.1
≥ 6000	52.0	59.8	60.6	61.5	62.3	62.5	63.0	63.4	63.4	63.7	63.7	63.8	63.8	63.8	63.8	64.1
≥ 5000	57.1	65.6	66.5	67.3	68.5	68.5	69.0	69.5	69.5	69.7	69.7	69.8	69.8	69.8	69.8	70.1
≥ 4500	59.6	68.3	69.2	70.1	71.4	71.4	71.9	72.4	72.4	72.6	72.6	72.7	72.7	72.7	72.7	73.0
≥ 4000	61.9	70.9	72.3	73.1	74.4	74.4	75.2	75.6	75.6	75.8	75.8	75.9	75.9	75.9	75.9	76.2
≥ 3500	63.7	73.1	74.8	75.7	77.1	77.1	78.0	78.4	78.4	78.6	78.6	78.7	78.7	78.7	78.7	79.0
≥ 3000	66.1	76.7	78.4	79.6	81.1	81.1	81.9	82.4	82.4	82.6	82.6	82.7	82.7	82.8	82.8	83.1
≥ 2500	67.3	78.5	80.4	81.8	84.0	84.2	85.1	85.5	85.5	85.7	85.7	85.8	85.8	85.9	85.9	86.2
≥ 2000	67.7	79.5	81.5	83.1	85.5	85.9	86.9	87.3	87.3	87.5	87.5	87.6	87.6	87.7	87.7	88.1
≥ 1800	67.7	79.5	81.5	83.1	85.6	86.0	87.0	87.4	87.4	87.6	87.6	87.7	87.7	87.8	87.8	88.2
≥ 1500	67.8	79.8	82.0	83.8	86.2	86.7	87.6	88.1	88.1	88.3	88.4	88.5	88.5	88.6	88.6	88.9
≥ 1200	67.8	79.8	82.0	84.1	86.7	87.2	88.3	89.1	89.1	89.5	89.6	89.7	89.7	89.9	89.9	90.2
≥ 1000	68.3	80.2	82.5	84.6	87.2	87.7	89.0	90.0	90.1	90.9	91.0	91.3	91.3	91.5	91.5	91.8
900	68.3	80.2	82.5	84.6	87.2	87.7	89.0	90.0	90.1	91.0	91.1	91.5	91.5	91.7	91.7	92.0
≥ 800	68.3	80.2	82.5	84.6	87.2	87.7	89.1	90.1	90.3	91.2	91.3	91.7	91.7	91.9	91.9	92.3
≥ 700	68.3	80.3	82.6	84.7	87.4	88.0	89.5	90.4	90.6	91.5	91.6	92.0	92.0	92.3	92.4	92.7
≥ 600	68.3	80.3	82.6	84.7	87.6	88.2	89.7	90.9	91.2	92.2	92.3	92.7	92.7	92.9	93.0	93.3
≥ 500	68.4	80.4	82.8	84.9	87.8	88.4	90.1	91.4	91.9	93.1	93.2	93.7	93.7	93.9	94.0	94.3
≥ 400	68.4	80.4	82.8	84.9	87.8	88.4	90.2	91.7	92.5	93.8	94.1	94.5	94.6	94.8	94.9	95.5
≥ 300	68.4	80.4	82.8	84.9	87.8	88.4	90.2	91.9	92.8	94.2	94.6	95.3	95.6	96.1	96.3	97.2
≥ 200	68.4	80.4	82.8	84.9	87.8	88.4	90.2	91.9	92.8	94.4	94.9	95.8	96.1	97.0	97.6	98.8
100	68.4	80.4	82.8	84.9	87.8	88.4	90.2	91.9	92.8	94.4	94.9	95.9	96.2	97.1	97.8	99.7
0	68.4	80.4	82.8	84.9	87.8	88.4	90.2	91.9	92.8	94.4	94.9	95.9	96.2	97.1	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 65-70,73-77 (YEARS) DEC (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	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.1	45.1	46.1	46.6	47.0	47.0	47.1	47.3	47.4	47.4	47.4	47.4	47.4	47.5	47.5	47.8
≤ 25000	40.9	46.9	48.0	48.4	48.8	48.8	48.9	49.1	49.2	49.2	49.2	49.2	49.2	49.4	49.4	49.7
≥ 18000	41.1	47.1	48.2	48.6	49.0	49.0	49.1	49.4	49.5	49.5	49.5	49.5	49.5	49.6	49.6	49.9
≥ 15000	41.3	47.3	48.4	48.8	49.2	49.2	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.8	49.8	50.1
≥ 4000	42.0	48.2	49.2	50.0	50.4	50.4	50.5	50.8	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.3
≤ 12000	43.7	50.0	51.1	51.8	52.4	52.4	52.5	52.7	52.8	52.8	52.8	52.8	52.8	52.9	52.9	53.2
≤ 10000	46.1	52.6	53.7	54.5	55.1	55.1	55.2	55.4	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.9
≥ 9000	46.8	53.2	54.4	55.3	55.8	55.8	55.9	56.1	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.7
≥ 8000	47.8	54.5	55.8	56.7	57.2	57.2	57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.8	57.8	58.2
≥ 7000	50.2	57.0	58.4	59.4	60.0	60.0	60.3	60.6	60.8	60.8	60.8	60.8	60.8	60.9	60.9	61.2
≥ 6000	54.5	61.6	63.3	64.4	65.4	65.4	65.8	66.1	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.8
≥ 5000	58.7	66.0	67.7	68.8	69.9	69.9	70.3	70.6	70.8	70.8	70.8	70.8	70.8	70.9	70.9	71.3
≥ 4500	61.1	68.5	70.2	71.4	72.5	72.5	73.1	73.4	73.5	73.5	73.5	73.5	73.5	73.7	73.7	74.1
≥ 4000	63.9	71.6	73.7	74.8	75.9	75.9	76.6	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.5
≥ 3500	65.7	73.8	75.8	77.0	78.1	78.2	78.9	79.2	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.9
≥ 3000	68.5	77.5	79.7	80.9	82.0	82.2	83.0	83.3	83.4	83.4	83.4	83.4	83.4	83.5	83.5	84.0
≥ 2500	69.0	78.2	80.3	81.6	82.8	83.0	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.6	84.6	85.1
≥ 2000	69.5	78.9	81.3	82.7	84.2	84.5	85.7	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.8
≤ 1800	69.5	78.9	81.3	82.7	84.2	84.5	85.7	86.2	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.9
≥ 1500	69.8	79.5	81.8	83.2	85.1	85.6	86.8	87.5	87.6	87.7	87.7	87.7	87.7	87.8	87.8	88.3
≤ 1200	69.9	79.8	82.3	83.7	85.5	86.1	87.3	88.2	88.5	88.7	88.7	88.7	88.7	88.8	88.8	89.2
≥ 1000	70.1	80.1	82.6	84.1	86.0	86.8	88.1	89.2	89.7	89.9	90.1	90.1	90.1	90.2	90.2	90.6
≤ 900	70.1	80.1	82.8	84.3	86.3	87.1	88.4	89.8	90.3	90.8	91.0	91.0	91.0	91.1	91.1	91.5
≥ 800	70.1	80.1	83.0	84.5	86.6	87.3	88.6	90.2	90.8	91.4	91.7	91.7	91.7	91.8	91.8	92.3
≥ 700	70.1	80.1	83.0	84.5	86.6	87.3	88.6	90.2	90.8	91.5	91.9	91.9	91.9	92.0	92.0	92.5
≥ 600	70.1	80.1	83.2	84.7	86.9	87.6	89.0	90.8	91.6	92.8	93.4	93.7	93.8	93.9	93.9	94.3
≤ 500	70.1	80.1	83.2	84.7	87.0	87.7	89.1	91.0	92.0	93.3	94.1	94.3	94.4	94.7	94.7	95.2
≥ 400	70.1	80.1	83.2	84.7	87.0	87.7	89.2	91.5	92.8	94.2	95.2	95.4	95.5	95.8	95.8	96.2
≤ 300	70.1	80.2	83.3	84.8	87.1	87.8	89.5	91.9	93.8	95.2	96.1	96.5	96.6	97.0	97.1	97.7
≥ 200	70.1	80.2	83.3	84.8	87.1	87.8	89.5	91.9	93.8	95.2	96.2	96.9	97.4	98.2	98.4	99.2
≥ 100	70.1	80.2	83.3	84.8	87.1	87.8	89.5	91.9	93.8	95.2	96.2	96.9	97.6	98.4	98.6	99.8
≥ 0	70.1	80.2	83.3	84.8	87.1	87.8	89.5	91.9	93.8	95.2	96.2	96.9	97.6	98.4	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	37.6	42.3	43.4	44.3	44.4	44.7	44.8	45.2	45.2	45.3	45.3	45.3	45.4	45.6	45.6	45.8
≥ 20000	40.1	44.7	45.9	46.8	46.9	47.2	47.3	47.6	47.6	47.7	47.7	47.7	47.8	48.1	48.1	48.3
≥ 18000	40.8	45.4	46.6	47.4	47.5	47.8	48.0	48.3	48.3	48.4	48.4	48.4	48.5	48.7	48.7	48.9
≥ 16000	41.2	45.8	47.0	47.8	48.0	48.3	48.5	48.8	48.8	48.9	48.9	48.9	49.0	49.2	49.2	49.5
≥ 14000	41.9	46.8	48.0	49.0	49.2	49.6	49.8	50.1	50.1	50.2	50.2	50.2	50.3	50.5	50.5	50.8
≥ 12000	42.8	48.1	49.4	50.4	50.8	51.1	51.4	51.7	51.7	51.8	51.9	52.0	52.2	52.4	52.4	52.6
≥ 10000	45.9	51.2	52.5	53.5	53.9	54.2	54.5	54.8	54.8	54.9	55.1	55.2	55.3	55.5	55.5	55.7
≥ 9000	47.2	52.5	53.9	54.8	55.2	55.5	55.8	56.1	56.1	56.2	56.3	56.5	56.6	56.8	56.8	57.0
≥ 8000	48.8	53.5	55.9	57.0	57.3	57.6	58.0	58.3	58.3	58.4	58.5	58.6	58.7	58.9	58.9	59.1
≥ 7000	50.9	56.5	57.8	58.9	59.2	59.6	59.9	60.2	60.2	60.3	60.4	60.5	60.6	60.9	60.9	61.1
≥ 6000	53.7	59.5	61.0	62.0	62.5	62.8	63.1	63.4	63.4	63.5	63.7	63.8	63.9	64.1	64.1	64.3
≥ 5000	58.1	64.0	65.6	66.7	67.1	67.4	67.7	68.1	68.1	68.3	68.4	68.5	68.6	68.8	68.8	69.0
≥ 4500	60.6	66.8	68.5	69.6	70.1	70.4	70.8	71.2	71.2	71.4	71.5	71.6	71.7	71.9	71.9	72.2
≥ 4000	64.0	70.5	72.9	74.0	74.5	74.8	75.2	75.7	75.7	75.9	76.0	76.1	76.2	76.5	76.5	76.7
≥ 3500	65.7	72.6	75.2	76.2	76.8	77.1	77.5	78.0	78.0	78.2	78.3	78.4	78.5	78.7	78.7	79.0
≥ 3000	67.0	74.5	77.5	78.7	79.7	80.0	80.8	81.2	81.2	81.4	81.5	81.6	81.7	81.9	81.9	82.3
≥ 2500	68.3	76.0	79.1	80.3	81.6	81.9	82.6	83.1	83.1	83.3	83.5	83.7	83.8	84.0	84.0	84.3
≥ 2000	68.8	76.9	80.0	81.3	83.0	83.4	84.1	84.5	84.6	85.1	85.3	85.4	85.5	85.7	85.7	86.0
≥ 1800	68.9	77.1	80.2	81.5	83.2	83.7	84.3	84.8	84.8	85.3	85.5	85.6	85.7	85.9	85.9	86.2
≥ 1500	69.1	77.3	80.4	81.8	83.8	84.3	85.1	85.7	85.8	86.3	86.7	86.8	87.0	87.2	87.2	87.5
≥ 1200	69.5	77.8	81.2	82.6	84.6	85.4	86.1	86.9	87.3	88.1	88.4	88.5	88.7	88.9	88.9	89.2
≥ 1000	69.5	78.0	81.5	82.9	84.9	85.8	86.8	87.8	88.4	89.2	89.9	90.0	90.2	90.4	90.4	90.8
≥ 900	69.5	78.0	81.8	83.2	85.5	86.3	87.3	88.4	88.9	89.8	90.4	90.5	90.8	91.0	91.1	91.4
≥ 800	69.5	78.0	81.8	83.2	85.5	86.3	87.4	88.5	89.0	90.0	90.8	91.0	91.2	91.5	91.6	91.9
≥ 700	69.5	78.0	81.8	83.2	85.5	86.3	87.4	88.5	89.1	90.2	91.0	91.2	91.6	91.9	92.0	92.4
≥ 600	69.5	78.0	81.8	83.2	85.5	86.3	87.5	88.7	89.6	90.8	91.7	92.0	92.6	92.9	93.1	93.4
≥ 500	69.5	78.0	81.8	83.2	85.6	86.5	87.8	89.0	89.9	91.2	92.3	93.1	93.9	94.5	94.8	95.2
≥ 400	69.5	78.0	81.8	83.2	85.6	86.5	88.0	89.5	90.5	91.9	93.2	94.1	94.8	95.6	96.0	96.3
≥ 300	69.5	78.0	81.8	83.2	85.6	86.5	88.1	89.9	91.0	92.5	94.3	95.2	96.2	97.0	97.8	98.2
≥ 200	69.5	78.0	81.8	83.2	85.6	86.5	88.1	89.9	91.0	92.6	94.5	95.5	96.7	97.7	98.7	99.4
≥ 100	69.5	78.0	81.8	83.2	85.6	86.5	88.1	89.9	91.0	92.6	94.5	95.5	96.8	98.0	98.9	99.9
≥ 0	69.5	78.0	81.8	83.2	85.6	86.5	88.1	89.9	91.0	92.6	94.5	95.5	96.8	98.0	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	<½	≥5/16	≥¼	≥0
NO CEILING	31.7	35.7	37.7	38.5	38.7	39.1	39.6	39.8	39.8	39.8	39.9	39.9	39.9	39.9	40.0	40.3	
≥ 20000	34.2	38.3	40.4	41.3	41.5	41.9	42.4	42.6	42.6	42.7	42.8	42.8	42.8	42.8	42.9	43.2	
≥ 18000	35.1	39.1	41.3	42.2	42.4	42.8	43.2	43.4	43.4	43.5	43.7	43.7	43.7	43.7	43.8	44.1	
≥ 16000	36.0	40.2	42.4	43.2	43.4	43.9	44.3	44.5	44.5	44.6	44.7	44.7	44.7	44.7	44.8	45.2	
≥ 14000	37.2	41.7	44.0	44.8	45.2	45.6	46.0	46.2	46.2	46.5	46.6	46.6	46.6	46.6	46.7	47.0	
≥ 12000	40.9	45.5	48.0	48.8	49.4	49.8	50.2	50.4	50.5	50.8	50.9	50.9	50.9	50.9	51.0	51.3	
≥ 10000	44.5	49.4	51.8	52.7	53.2	53.7	54.1	54.5	54.6	54.8	54.9	54.9	54.9	54.9	55.1	55.4	
≥ 9000	45.8	50.8	53.3	54.3	54.8	55.3	55.7	56.1	56.2	56.5	56.6	56.6	56.6	56.6	56.7	57.0	
≥ 8000	47.2	52.2	54.7	55.7	56.5	57.0	57.4	57.8	58.0	58.2	58.3	58.3	58.3	58.3	58.4	58.7	
≥ 7000	50.0	55.3	57.8	58.8	59.6	60.1	60.5	61.0	61.1	61.3	61.4	61.4	61.4	61.4	61.5	61.8	
≥ 6000	54.1	59.5	62.0	63.0	63.8	64.3	64.7	65.2	65.3	65.5	65.6	65.6	65.6	65.6	65.7	66.0	
≥ 5000	58.6	64.2	67.1	68.4	69.1	69.7	70.1	70.5	70.6	71.0	71.2	71.2	71.3	71.4	71.6	71.9	
≥ 4500	60.2	66.0	68.9	70.3	71.1	71.6	72.0	72.5	72.6	72.9	73.1	73.1	73.2	73.3	73.5	73.9	
≥ 4000	62.6	68.4	71.3	72.8	73.7	74.3	74.8	75.4	75.5	75.8	76.0	76.0	76.1	76.2	76.5	76.8	
≥ 3500	63.8	70.2	73.4	75.1	75.9	76.6	77.1	77.7	77.8	78.2	78.5	78.5	78.6	78.7	78.9	79.2	
≥ 3000	64.9	71.7	75.2	76.9	77.8	78.6	79.4	80.2	80.3	80.9	81.2	81.3	81.5	81.6	81.8	82.2	
≥ 2500	65.5	72.6	76.1	77.8	78.8	79.8	80.5	81.5	81.6	82.2	82.5	82.6	82.8	82.9	83.1	83.4	
≥ 2000	65.9	73.5	77.4	79.5	80.5	81.6	82.6	83.8	84.2	84.8	85.2	85.3	85.5	85.6	85.8	86.1	
≥ 1800	65.9	73.5	77.4	79.5	80.6	81.7	82.7	83.9	84.3	84.9	85.3	85.4	85.6	85.7	85.9	86.2	
≥ 1500	66.0	73.8	77.7	79.9	81.2	82.3	83.4	85.1	85.6	86.3	86.7	86.9	87.1	87.2	87.4	87.7	
≥ 1200	66.1	74.1	78.2	80.3	81.8	82.9	84.2	86.0	86.5	87.3	87.6	87.8	88.2	88.3	88.5	88.8	
≥ 1000	66.5	74.7	78.8	81.0	82.5	83.7	85.4	87.4	88.0	88.9	89.2	89.5	90.0	90.2	90.4	90.8	
≥ 900	66.6	74.8	78.9	81.2	82.8	84.1	85.9	88.0	88.5	89.5	90.0	90.2	90.8	91.0	91.2	91.5	
≥ 800	66.6	75.1	79.1	81.4	83.2	84.5	86.6	88.7	89.2	90.3	90.9	91.2	91.7	92.0	92.3	92.6	
≥ 700	66.6	75.1	79.1	81.4	83.2	84.5	86.6	88.7	89.4	90.8	91.6	92.2	92.8	93.1	93.3	93.7	
≥ 600	66.6	75.1	79.1	81.4	83.2	84.6	86.7	88.8	89.6	91.0	92.3	93.0	93.7	94.0	94.2	94.5	
≥ 500	66.6	75.1	79.1	81.4	83.2	84.6	86.8	89.2	90.0	91.6	93.3	94.2	94.9	95.3	95.6	95.9	
≥ 400	66.6	75.1	79.1	81.4	83.2	84.6	86.8	89.6	90.4	92.0	94.1	94.9	95.9	96.2	96.7	97.1	
≥ 300	66.6	75.1	79.1	81.4	83.2	84.5	86.8	89.6	90.4	92.2	94.3	95.2	96.6	97.3	98.3	99.0	
≥ 200	66.6	75.1	79.1	81.4	83.2	84.6	86.8	89.6	90.4	92.2	94.3	95.2	96.6	97.5	98.6	99.7	
≥ 100	66.6	75.1	79.1	81.4	83.2	84.6	86.8	89.6	90.4	92.2	94.3	95.2	96.6	97.5	98.7	99.8	
0	66.6	75.1	79.1	81.4	83.2	84.6	86.8	89.6	90.4	92.2	94.3	95.2	96.6	97.5	98.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 HILL AFB/OGDEN UTAH 66-70,73-77 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥	≥	≥	≥5/16	≥	≥0
≥ CEILING	31.1	34.6	36.5	38.2	39.4	40.1	40.5	41.4	41.7	41.8	42.0	42.0	42.0	42.0	42.0	42.2
≥ 22000	33.3	37.2	39.1	40.9	42.5	43.4	44.1	45.1	45.5	45.6	45.8	45.8	45.8	45.8	45.8	45.9
≥ 18000	33.9	37.7	39.9	41.6	43.2	44.2	44.8	45.9	46.3	46.5	46.7	46.7	46.7	46.7	46.7	46.8
≥ 16000	34.1	38.0	40.1	41.9	43.5	44.5	45.2	46.2	46.7	46.8	47.0	47.0	47.0	47.0	47.0	47.1
≥ 14000	35.7	39.8	42.0	43.9	45.5	46.5	47.1	48.2	48.6	48.7	48.9	48.9	48.9	48.9	48.9	49.0
≥ 12000	38.1	42.2	44.5	46.3	48.1	49.0	49.7	50.8	51.2	51.3	51.5	51.5	51.5	51.5	51.5	51.6
≥ 10000	41.3	45.6	48.0	49.8	51.6	52.6	53.2	54.3	54.7	54.8	55.1	55.1	55.1	55.1	55.1	55.2
≥ 9000	43.4	48.0	50.3	52.2	54.0	54.9	55.6	56.7	57.1	57.2	57.4	57.4	57.4	57.4	57.4	57.5
≥ 8000	45.7	50.2	52.7	54.5	56.3	57.3	58.0	59.0	59.5	59.6	59.8	59.8	59.8	59.8	59.8	59.9
≥ 7000	48.5	53.2	55.8	57.6	59.5	60.6	61.3	62.4	62.8	62.9	63.1	63.1	63.1	63.1	63.1	63.2
≥ 6000	51.3	56.2	58.8	60.6	62.5	63.8	64.4	65.5	65.9	66.0	66.2	66.2	66.2	66.2	66.2	66.3
≥ 5000	55.4	60.5	63.3	65.3	67.4	68.7	69.5	70.5	71.0	71.3	71.6	71.6	71.6	71.6	71.6	71.7
≥ 4500	56.9	62.2	65.1	67.0	69.4	70.6	71.4	72.5	72.9	73.2	73.5	73.5	73.5	73.5	73.5	73.7
≥ 4000	60.1	65.6	69.0	71.0	73.3	74.7	75.5	76.6	77.0	77.3	77.6	77.6	77.6	77.6	77.6	77.7
≥ 3500	61.1	66.8	70.2	72.5	74.8	76.2	77.0	78.2	78.7	79.0	79.4	79.4	79.4	79.4	79.4	79.5
≥ 3000	62.4	68.5	72.3	74.8	77.3	78.7	79.5	80.8	81.3	81.6	82.0	82.0	82.0	82.0	82.0	82.2
≥ 2500	63.8	70.3	74.6	77.8	80.1	81.8	83.0	84.3	84.8	85.2	85.6	85.6	85.6	85.6	85.6	85.7
≥ 2000	63.9	70.6	75.5	78.7	81.5	83.2	84.7	86.3	86.9	87.2	87.6	87.6	87.6	87.6	87.6	87.7
≥ 1800	64.0	70.9	75.7	78.9	81.7	83.5	85.1	86.7	87.2	87.5	88.0	88.0	88.0	88.0	88.0	88.1
≥ 1500	64.1	71.0	75.8	79.0	82.0	83.9	85.5	87.1	87.7	88.2	88.7	88.7	88.7	88.7	88.7	88.8
≥ 1200	64.1	71.0	75.8	79.0	82.2	84.0	85.7	87.3	88.0	88.4	89.1	89.2	89.2	89.2	89.2	89.4
≥ 1000	64.1	71.1	76.2	79.6	82.7	84.5	86.2	88.6	89.5	90.1	90.9	91.0	91.0	91.0	91.0	91.1
≥ 900	64.1	71.1	76.2	79.6	82.7	84.5	86.6	88.8	89.7	90.4	91.3	91.4	91.4	91.4	91.4	91.5
≥ 800	64.1	71.1	76.2	79.6	82.7	84.5	86.9	89.2	90.2	91.2	92.3	92.4	92.4	92.4	92.4	92.5
≥ 700	64.1	71.1	76.3	79.7	82.8	84.6	87.2	89.7	90.8	91.7	92.8	93.0	93.3	93.3	93.3	93.4
≥ 600	64.1	71.1	76.3	79.7	82.9	84.7	87.4	89.9	91.3	92.5	93.7	93.9	94.2	94.2	94.2	94.3
≥ 500	64.1	71.1	76.3	79.7	82.9	84.7	87.4	90.1	91.6	92.8	94.2	94.6	95.3	95.5	95.5	95.6
≥ 400	64.1	71.1	76.3	79.7	82.9	84.8	87.5	90.2	91.7	93.1	94.9	95.4	96.2	96.8	97.0	97.4
≥ 300	64.1	71.1	76.3	79.7	82.9	84.8	87.6	90.3	91.8	93.2	95.1	95.6	96.9	97.8	98.2	98.6
≥ 200	64.1	71.1	76.3	79.7	82.9	84.8	87.6	90.3	91.8	93.2	95.1	95.7	97.0	98.0	98.5	99.0
≥ 100	64.1	71.1	76.3	79.7	82.9	84.8	87.6	90.3	91.8	93.2	95.1	95.7	97.1	98.1	99.0	99.7
≥ 0	64.1	71.1	76.3	79.7	82.9	84.8	87.6	90.3	91.8	93.2	95.1	95.7	97.1	98.1	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) DEC (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	≥1¾	≥1½	≥1	≥¾	≥½	≥	≥5/16	≥¼	0
NO CEILING	31.2	34.1	36.0	37.4	39.2	40.4	41.6	42.2	43.1	43.3	43.4	43.4	43.5	43.5	43.5	43.5
≥ 20000	33.0	36.3	38.1	39.6	41.6	42.7	43.9	44.7	45.5	45.7	45.9	45.9	46.0	46.0	46.0	46.0
≥ 18000	33.4	36.7	38.6	40.2	42.1	43.3	44.5	45.2	46.1	46.3	46.4	46.4	46.5	46.5	46.5	46.6
≥ 16000	34.0	37.5	39.4	40.9	42.8	44.0	45.2	46.0	46.8	47.0	47.1	47.1	47.3	47.3	47.3	47.4
≥ 14000	36.1	39.7	41.7	43.4	45.4	46.6	47.8	48.5	49.5	49.7	49.8	49.8	49.9	49.9	49.9	50.1
≥ 12000	38.8	42.6	44.7	46.5	48.7	49.8	51.0	51.9	52.9	53.1	53.2	53.2	53.3	53.3	53.3	53.4
≥ 10000	41.7	45.7	47.8	49.6	51.8	53.1	54.4	55.3	56.3	56.6	56.7	56.7	56.8	56.8	56.8	56.9
≥ 9000	43.4	47.5	49.6	51.5	53.8	55.1	56.4	57.4	58.2	58.7	58.8	58.8	58.9	58.9	58.9	59.0
≥ 8000	44.6	48.8	50.9	52.7	55.1	56.4	57.7	58.7	59.6	60.0	60.1	60.1	60.2	60.2	60.2	60.3
≥ 7000	47.1	51.6	53.7	55.7	58.0	59.3	60.6	61.6	62.5	62.9	63.0	63.0	63.1	63.1	63.1	63.2
≥ 6000	51.7	56.4	58.6	60.5	63.1	64.4	65.7	66.6	67.6	67.9	68.0	68.0	68.1	68.1	68.1	68.2
≥ 5000	54.8	59.6	61.9	63.8	66.5	67.8	69.2	70.2	71.2	71.5	71.6	71.6	71.8	71.8	71.8	71.9
≥ 4500	56.6	61.5	63.7	65.7	68.5	69.8	71.2	72.1	73.1	73.4	73.6	73.6	73.8	73.8	73.8	74.0
≥ 4000	59.0	63.9	66.4	68.4	71.3	72.6	74.3	75.2	76.2	76.6	76.9	76.9	77.1	77.2	77.2	77.3
≥ 3500	60.7	65.9	68.5	70.4	73.6	74.9	76.7	77.7	78.7	79.1	79.3	79.3	79.5	79.7	79.7	79.8
≥ 3000	61.5	66.8	69.8	72.1	75.5	76.9	78.7	79.7	80.6	81.2	81.5	81.5	81.7	81.8	81.8	81.9
≥ 2500	63.3	69.2	72.3	74.8	78.5	79.9	81.8	82.9	84.0	84.6	84.9	84.9	85.1	85.3	85.3	85.4
≥ 2000	63.8	69.9	73.0	75.5	79.3	80.8	82.0	84.2	85.6	86.3	86.9	86.9	87.1	87.2	87.2	87.3
≥ 1800	63.9	70.0	73.1	75.6	79.4	81.1	83.2	84.4	85.8	86.5	87.1	87.1	87.3	87.4	87.4	87.5
≥ 1500	64.2	70.5	74.2	76.6	80.5	82.3	85.0	86.4	88.1	88.8	89.3	89.3	89.6	89.7	89.7	89.8
≥ 1200	64.3	70.6	74.4	76.9	80.8	82.7	85.7	87.3	88.9	89.8	90.4	90.4	90.6	90.7	90.7	90.9
≥ 1000	64.4	70.8	74.6	77.1	81.3	83.1	86.2	88.4	90.2	91.1	91.9	92.0	92.2	92.4	92.4	92.5
≥ 900	64.4	70.9	74.7	77.2	81.4	83.2	86.3	88.8	90.6	91.5	92.4	92.5	92.7	92.8	92.8	92.9
≥ 800	64.5	71.0	74.8	77.3	81.5	83.5	86.7	89.3	91.4	92.4	93.3	93.4	93.6	93.8	93.8	93.9
≥ 700	64.6	71.2	75.0	77.5	81.7	83.7	86.9	89.7	91.7	93.0	94.1	94.2	94.4	94.5	94.5	94.6
≥ 600	64.6	71.2	75.0	77.5	81.7	83.7	86.9	89.7	91.8	93.4	94.7	95.0	95.5	95.7	95.7	95.8
≥ 500	64.6	71.2	75.1	77.6	81.8	83.9	87.0	89.8	92.0	93.6	95.0	95.5	96.0	96.2	96.2	96.3
≥ 400	64.6	71.2	75.1	77.6	81.8	83.9	87.0	89.9	92.2	94.0	95.6	96.1	96.7	96.9	97.0	97.1
≥ 300	64.6	71.2	75.1	77.6	81.8	83.9	87.0	89.9	92.2	94.2	96.0	96.7	97.5	97.8	98.0	98.1
≥ 200	64.6	71.2	75.1	77.6	81.8	83.9	87.0	90.0	92.4	94.5	96.4	97.1	98.1	98.5	98.8	99.0
≥ 100	64.6	71.2	75.1	77.6	81.8	83.9	87.0	90.0	92.4	94.5	96.4	97.1	98.1	98.5	98.8	99.7
≥	64.6	71.2	75.1	77.6	81.8	83.9	87.0	90.0	92.4	94.5	96.4	97.1	98.1	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70, 73-77 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥	≥	≥	≥5/16	≥	≥0
NO CEILING	31.7	35.7	39.2	40.5	43.0	43.4	43.7	43.8	44.1	44.3	44.4	44.4	44.4	44.4	44.4	44.7
≥ 20000	33.3	37.5	41.1	42.4	45.0	45.3	45.6	45.7	46.1	46.3	46.4	46.4	46.4	46.4	46.4	46.6
≥ 18000	33.8	38.2	42.0	43.3	45.8	46.2	46.5	46.6	46.9	47.1	47.2	47.2	47.2	47.2	47.2	47.5
≥ 16000	34.3	38.7	42.5	43.8	46.4	46.7	47.0	47.1	47.5	47.7	47.8	47.8	47.8	47.8	47.8	48.0
≥ 14000	36.5	40.9	44.8	46.1	48.7	49.0	49.3	49.4	49.7	49.9	50.1	50.1	50.1	50.1	50.1	50.3
≥ 12000	39.2	44.2	48.1	49.4	52.0	52.3	52.6	52.8	53.1	53.3	53.5	53.5	53.5	53.5	53.5	53.7
≥ 10000	42.3	47.7	51.6	52.9	55.7	56.0	56.4	56.5	57.0	57.3	57.5	57.5	57.5	57.5	57.5	57.7
≥ 9000	43.6	49.0	53.1	54.4	57.2	57.5	57.9	58.0	58.5	58.8	59.0	59.0	59.0	59.0	59.0	59.2
≥ 8000	45.2	50.8	55.1	56.4	59.3	59.8	60.2	60.3	60.7	61.1	61.3	61.3	61.3	61.3	61.3	61.5
≥ 7000	46.9	52.5	57.0	58.3	61.2	61.7	62.2	62.4	62.8	63.1	63.3	63.3	63.3	63.3	63.3	63.5
≥ 6000	50.4	56.3	60.7	62.0	65.2	65.7	66.2	66.3	66.8	67.2	67.4	67.4	67.4	67.4	67.4	67.6
≥ 5000	54.6	60.8	65.3	66.6	69.7	70.2	70.9	71.2	71.6	72.1	72.3	72.3	72.3	72.3	72.3	72.5
≥ 4500	56.5	63.0	67.4	68.7	71.8	72.4	73.0	73.4	73.8	74.2	74.4	74.4	74.4	74.4	74.4	74.6
≥ 4000	59.4	65.9	70.3	71.8	75.0	75.5	76.2	76.5	77.0	77.5	77.7	77.7	77.8	77.8	77.8	78.0
≥ 3500	61.5	68.2	72.6	74.2	77.3	77.9	78.7	79.1	79.6	80.0	80.3	80.3	80.4	80.4	80.4	80.6
≥ 3000	64.0	71.3	75.9	77.7	80.9	81.4	82.4	82.8	83.4	83.8	84.0	84.0	84.1	84.1	84.1	84.4
≥ 2500	65.3	72.9	77.7	79.7	83.3	83.9	84.9	85.3	85.9	86.3	86.5	86.5	86.6	86.6	86.6	86.8
≥ 2000	65.9	74.0	79.4	81.4	85.2	86.0	86.9	87.4	88.0	88.5	88.7	88.7	88.8	88.8	88.8	89.0
≥ 1800	66.1	74.3	79.8	81.9	85.7	86.4	87.4	87.9	88.6	89.0	89.2	89.2	89.3	89.3	89.3	89.5
≥ 1500	66.2	75.0	80.5	83.0	86.8	87.6	88.8	89.3	90.0	90.4	90.6	90.7	90.8	90.8	90.8	91.0
≥ 1200	66.3	75.2	81.1	83.2	87.1	87.8	89.1	89.9	90.5	91.0	91.4	91.5	91.6	91.6	91.6	91.8
≥ 1000	66.6	75.4	81.4	83.5	87.5	88.2	89.6	90.6	91.3	91.9	92.2	92.3	92.4	92.4	92.4	92.7
≥ 900	66.6	75.4	81.4	83.6	87.6	88.3	89.8	90.7	91.4	92.0	92.3	92.4	92.6	92.6	92.6	92.8
≥ 800	66.7	75.5	81.6	83.7	87.7	88.5	90.0	90.9	91.7	92.3	92.7	92.8	92.9	92.9	92.9	93.1
≥ 700	66.7	75.5	81.6	83.7	87.8	88.6	90.2	91.2	92.0	92.7	93.0	93.1	93.2	93.2	93.2	93.4
≥ 600	66.7	75.5	81.6	83.7	88.0	88.8	90.5	91.8	92.7	93.3	93.6	93.7	93.9	93.9	93.9	94.1
≥ 500	66.7	75.5	81.6	83.7	88.0	88.8	90.7	92.2	93.4	94.4	94.9	95.0	95.1	95.3	95.3	95.5
≥ 400	66.7	75.5	81.6	83.8	88.1	88.9	90.8	92.3	93.7	95.0	95.6	95.7	95.8	95.9	96.1	96.4
≥ 300	66.7	75.5	81.6	83.8	88.3	89.1	91.2	92.8	94.3	95.8	96.4	96.5	96.7	96.8	97.0	97.4
≥ 200	66.7	75.5	81.6	83.8	88.3	89.1	91.3	92.9	94.5	96.2	97.1	97.2	97.4	97.5	98.1	98.9
≥ 100	66.7	75.5	81.6	83.8	88.3	89.1	91.3	92.9	94.5	96.2	97.2	97.3	97.5	97.6	98.2	99.6
≥ 0	66.7	75.5	81.6	83.8	88.3	89.1	91.3	92.9	94.5	96.2	97.2	97.3	97.5	97.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥	≥	≥5/16	≥	≥0
NO CEILING	34.3	40.5	42.9	44.1	44.8	45.1	45.3	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	46.0
> 25000	35.3	41.4	44.1	45.3	46.0	46.3	46.5	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.1
≥ 18000	35.6	41.7	44.4	45.6	46.3	46.6	46.8	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.5
≥ 16000	36.0	42.2	44.9	46.1	46.7	47.0	47.2	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.0
≥ 14000	37.2	43.4	46.2	47.4	48.0	48.3	4 .5	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.3
≥ 12000	38.7	45.5	48.3	49.5	50.1	50.6	5 .9	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.8
≥ 10000	41.7	48.7	51.5	52.6	53.4	53.7	54.0	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	55.0
≥ 9000	42.5	49.4	52.2	53.4	54.2	54.5	54.8	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.8
≥ 8000	44.6	51.9	54.7	55.9	56.6	57.1	57.5	57.9	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.7
≥ 7000	45.2	52.9	55.7	57.0	57.9	58.4	5 .9	59.4	59.5	59.9	59.9	59.9	59.9	59.9	59.9	60.2
≥ 6000	48.1	56.3	59.2	60.5	61.6	62.0	62.6	63.1	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.9
≥ 5000	53.2	61.9	64.9	66.3	67.4	67.9	6 .4	68.9	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.7
≥ 4500	55.7	64.5	67.5	68.9	70.0	70.4	71.0	71.6	71.8	72.2	72.2	72.2	72.3	72.3	72.4	72.7
≥ 4000	58.4	67.5	70.9	72.5	73.7	74.1	74.8	75.5	75.7	76.2	76.2	76.2	76.3	76.3	76.4	76.7
≥ 3500	60.7	70.3	73.8	75.5	76.7	77.2	77.9	78.6	78.9	79.3	79.3	79.3	79.4	79.4	79.5	79.8
≥ 3000	63.9	74.1	77.8	79.6	80.9	81.8	8 .4	83.2	83.4	83.8	83.8	83.8	83.9	83.9	84.0	84.4
≥ 2500	65.9	76.8	80.7	82.5	84.1	85.1	8 .0	86.7	87.1	87.5	87.5	87.5	87.6	87.6	87.7	88.0
≥ 2000	65.9	77.2	81.6	83.4	85.2	86.3	87.3	88.1	8 .5	88.9	88.9	88.9	89.0	89.0	89.1	89.4
≥ 1800	65.9	77.3	81.8	83.6	85.4	86.5	87.5	88.5	88.8	89.2	89.2	89.2	89.3	89.3	89.4	89.8
≥ 1500	66.1	77.8	82.4	84.4	86.2	87.3	8 .2	89.3	89.6	90.1	90.4	90.4	90.5	90.5	90.6	90.9
≥ 1200	66.1	77.9	82.5	84.8	86.7	87.8	8 .8	90.1	90.4	90.8	91.2	91.2	91.3	91.3	91.4	91.7
≥ 1000	66.1	78.1	82.8	85.2	87.2	88.2	89.3	90.7	91.2	91.7	92.1	92.1	92.2	92.2	92.3	92.7
≥ 900	66.1	78.2	83.0	85.3	87.4	88.5	89.5	91.0	91.6	92.1	92.8	92.8	92.9	92.9	93.0	93.3
≥ 800	66.1	78.2	83.0	85.4	87.5	88.6	89.6	91.3	91.8	92.4	93.1	93.1	93.2	93.2	93.3	93.6
≥ 700	66.1	78.2	83.0	85.4	87.5	88.6	89.6	91.3	91.9	92.6	93.2	93.2	93.3	93.3	93.4	93.7
≥ 600	66.1	78.2	83.0	85.4	87.7	88.9	90.3	92.0	92.7	93.3	94.1	94.1	94.2	94.2	94.3	94.6
≥ 500	66.1	78.2	83.0	85.4	87.8	89.0	90.7	92.6	93.4	94.2	95.0	95.0	95.1	95.1	95.3	95.6
≥ 400	66.1	78.2	83.0	85.4	87.8	89.0	9 .9	92.8	93.7	94.6	95.5	95.5	95.7	95.7	96.0	96.3
≥ 300	66.1	78.2	83.0	85.4	87.8	89.0	90.9	92.9	94.0	95.1	96.5	96.5	96.9	97.0	97.4	97.7
≥ 200	66.1	78.2	83.0	85.4	87.8	89.0	9 .9	92.9	94.0	95.1	96.9	97.1	97.5	97.6	98.4	99.1
≥ 100	66.1	78.2	83.0	85.4	87.8	89.0	90.9	92.9	94.0	95.1	96.9	97.1	97.5	97.6	98.4	99.7
≥ 0	66.1	78.2	83.0	85.4	87.8	89.0	90.9	92.9	94.0	95.1	96.9	97.1	97.5	97.6	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥5/16	≥0
NO CEILING	34.2	39.0	40.8	41.8	42.8	43.2	43.6	43.9	44.2	44.2	44.3	44.3	44.4	44.4	44.6
≥ 20000	36.2	41.1	43.0	44.0	45.0	45.4	45.8	46.2	46.5	46.6	46.6	46.7	46.7	46.7	46.9
≥ 18000	36.6	41.6	43.5	44.6	45.6	46.0	46.4	46.8	47.0	47.2	47.2	47.2	47.3	47.3	47.5
≥ 16000	37.1	42.1	44.1	45.1	46.1	46.6	47.0	47.4	47.6	47.7	47.8	47.8	47.8	47.9	48.1
≥ 14000	38.5	43.6	45.6	46.8	47.8	48.3	48.7	49.1	49.3	49.5	49.5	49.5	49.6	49.6	49.8
≥ 12000	40.6	46.0	48.1	49.3	50.4	50.9	51.3	51.7	52.0	52.1	52.2	52.2	52.3	52.3	52.6
≥ 10000	43.6	49.1	51.2	52.4	53.6	54.1	54.5	55.0	55.3	55.4	55.5	55.6	55.6	55.6	55.9
≥ 9000	44.8	50.4	52.5	53.7	54.9	55.4	55.9	56.3	56.6	56.8	56.9	56.9	56.9	57.0	57.2
≥ 8000	46.4	52.1	54.4	55.6	56.8	57.3	57.8	58.3	58.6	58.8	58.9	58.9	59.0	59.0	59.2
≥ 7000	48.5	54.4	56.7	57.9	59.2	59.8	60.4	60.9	61.1	61.3	61.4	61.5	61.5	61.5	61.8
≥ 6000	52.0	58.2	60.5	61.8	63.3	63.9	64.4	65.0	65.2	65.5	65.5	65.6	65.6	65.6	65.9
≥ 5000	56.3	62.8	65.3	66.6	68.2	68.8	69.4	69.9	70.2	70.5	70.6	70.6	70.7	70.7	71.0
≥ 4500	58.4	65.1	67.6	69.0	70.6	71.1	71.8	72.4	72.7	72.9	73.1	73.1	73.2	73.2	73.5
≥ 4000	61.2	68.0	70.8	72.3	74.0	74.5	75.3	75.9	76.2	76.5	76.6	76.7	76.8	76.8	76.9	77.1
≥ 3500	62.9	70.1	73.0	74.6	76.3	76.9	77.7	78.4	78.7	79.0	79.1	79.1	79.2	79.3	79.3	79.6
≥ 3000	64.8	72.6	75.8	77.5	79.4	80.1	81.0	81.7	82.0	82.3	82.5	82.6	82.6	82.7	82.8	83.0
≥ 2500	66.0	74.3	77.7	79.5	81.6	82.5	83.5	84.2	84.6	84.9	85.1	85.1	85.2	85.3	85.3	85.6
≥ 2000	66.4	75.1	78.7	80.7	83.1	84.0	85.1	86.0	86.4	86.8	87.0	87.1	87.2	87.2	87.3	87.6
≥ 1800	66.5	75.2	78.9	80.8	83.2	84.2	85.3	86.2	86.7	87.1	87.3	87.3	87.4	87.5	87.5	87.8
≥ 1500	66.7	75.6	79.4	81.5	84.0	85.0	86.3	87.3	87.8	88.3	88.6	88.6	88.7	88.8	88.9	89.1
≥ 1200	66.8	75.8	79.7	81.8	84.4	85.5	86.9	88.1	88.7	89.2	89.5	89.6	89.7	89.8	89.9	90.2
≥ 1000	66.9	76.1	80.1	82.2	84.9	86.0	87.6	89.1	89.8	90.5	90.9	91.0	91.2	91.3	91.3	91.6
≥ 900	66.9	76.1	80.2	82.4	85.1	86.3	87.9	89.4	90.1	90.9	91.4	91.5	91.7	91.8	91.8	92.1
≥ 800	67.0	76.1	80.3	82.5	85.2	86.4	88.1	89.8	90.6	91.4	92.0	92.2	92.3	92.4	92.5	92.8
≥ 700	67.0	76.2	80.3	82.5	85.3	86.5	88.2	90.0	90.8	91.7	92.4	92.6	92.8	93.0	93.0	93.3
≥ 600	67.0	76.2	80.3	82.6	85.4	86.6	88.5	90.3	91.3	92.4	93.2	93.5	93.8	93.9	94.0	94.3
≥ 500	67.0	76.2	80.4	82.6	85.5	86.7	88.7	90.7	91.8	93.0	94.0	94.4	94.8	95.1	95.2	95.4
≥ 400	67.0	76.2	80.4	82.6	85.5	86.7	88.8	90.9	92.2	93.6	94.8	95.2	95.7	96.0	96.2	96.6
≥ 300	67.0	76.2	80.4	82.6	85.6	86.8	88.9	91.1	92.5	94.0	95.4	95.9	96.6	97.1	97.5	98.0
≥ 200	67.0	76.2	80.4	82.6	85.6	86.8	88.9	91.2	92.6	94.2	95.7	96.3	97.1	97.8	98.4	99.2
≥ 100	67.0	76.2	80.4	82.6	85.6	86.8	88.9	91.2	92.6	94.2	95.7	96.3	97.2	97.8	98.6	99.7
≥ 0	67.0	76.2	80.4	82.6	85.6	86.8	88.9	91.2	92.6	94.2	95.7	96.3	97.2	97.9	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7433

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-78 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	59.6	61.2	61.6	61.9	62.2	62.2	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 20000	62.4	63.9	64.4	64.7	65.0	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4
≥ 18000	62.9	64.5	65.0	65.3	65.6	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0
≥ 16000	63.4	65.0	65.5	65.9	66.1	66.2	66.3	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	65.1	66.7	67.2	67.6	67.8	67.9	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3
≥ 12000	67.7	69.4	70.0	70.3	70.6	70.7	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1
≥ 10000	71.3	73.1	73.6	74.0	74.3	74.4	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8
≥ 9000	72.4	74.2	74.8	75.2	75.5	75.6	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 8000	74.6	76.5	77.1	77.5	77.8	77.9	78.0	78.1	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3
≥ 7000	76.6	78.6	79.2	79.6	79.9	80.1	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5
≥ 6000	79.2	81.3	82.0	82.4	82.8	82.9	83.0	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3
≥ 5000	82.8	85.0	85.8	86.2	86.6	86.8	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.3
≥ 4500	84.2	86.6	87.4	87.9	88.3	88.4	88.6	88.7	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9
≥ 4000	85.7	88.3	89.2	89.7	90.1	90.3	90.5	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.9
≥ 3500	86.5	89.2	90.2	90.7	91.2	91.3	91.5	91.7	91.7	91.8	91.8	91.8	91.8	91.9	91.9	91.9
≥ 3000	87.5	90.5	91.5	92.1	92.7	92.8	93.0	93.2	93.3	93.4	93.4	93.4	93.4	93.5	93.5	93.5
≥ 2500	88.1	91.3	92.4	93.0	93.6	93.8	94.1	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.6	94.6
≥ 2000	88.4	91.7	93.0	93.7	94.4	94.6	94.9	95.2	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5
≥ 1800	88.5	91.8	93.1	93.8	94.5	94.7	95.0	95.3	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.7
≥ 1500	88.6	92.1	93.5	94.2	95.0	95.2	95.6	95.9	96.0	96.1	96.2	96.2	96.2	96.3	96.3	96.3
≥ 1200	88.7	92.2	93.6	94.4	95.2	95.4	95.9	96.2	96.3	96.4	96.5	96.6	96.6	96.6	96.6	96.7
≥ 1000	88.7	92.3	93.8	94.6	95.5	95.7	96.3	96.7	96.8	97.0	97.2	97.2	97.3	97.3	97.3	97.4
≥ 900	88.8	92.3	93.8	94.6	95.5	95.8	96.3	96.8	96.9	97.2	97.3	97.3	97.4	97.4	97.5	97.5
≥ 800	88.8	92.4	93.8	94.7	95.6	95.9	96.5	96.9	97.1	97.4	97.6	97.6	97.7	97.7	97.8	97.8
≥ 700	88.8	92.4	93.9	94.7	95.7	95.9	96.5	97.0	97.2	97.5	97.8	97.8	97.9	98.0	98.0	98.1
≥ 600	88.8	92.4	93.9	94.7	95.7	96.0	96.6	97.1	97.3	97.7	98.0	98.1	98.2	98.3	98.3	98.4
≥ 500	88.8	92.4	93.9	94.8	95.7	96.0	96.7	97.2	97.5	97.9	98.3	98.4	98.6	98.7	98.7	98.8
≥ 400	88.8	92.4	93.9	94.8	95.8	96.0	96.7	97.3	97.6	98.0	98.4	98.6	98.8	98.9	99.0	99.1
≥ 300	88.8	92.4	93.9	94.8	95.8	96.1	96.7	97.4	97.6	98.1	98.6	98.7	99.0	99.2	99.4	99.5
≥ 200	88.8	92.4	93.9	94.8	95.8	96.1	96.7	97.4	97.7	98.1	98.6	98.8	99.1	99.4	99.6	99.8
≥ 100	88.8	92.4	93.9	94.8	95.8	96.1	96.7	97.4	97.7	98.1	98.6	98.8	99.2	99.4	99.7	99.9
≥ 0	88.8	92.4	93.9	94.8	95.8	96.1	96.7	97.4	97.7	98.1	98.6	98.8	99.2	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 87630

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

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.

* Values for means and standard deviations do not include measurements for incomplete months.

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.

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

24103 HILL AFB/OGDEN UTAH 48-78
STATION STATION NAME 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
100						.1	.4	.1					.1
95						3.3	10.0	4.9	.3				1.6
90					.3	12.1	42.3	30.2	3.6				7.5
85					2.8	28.2	75.6	61.9	15.7	.2			15.5
80				.2	12.0	47.0	92.2	83.8	37.3	1.9			23.1
75				3.2	29.0	64.8	98.2	92.9	57.8	10.0			29.9
70			1.0	11.7	46.0	78.6	99.7	96.9	74.2	24.6	.1		36.3
65		.2	5.2	23.1	64.1	89.4	100.0	99.0	85.2	44.3	2.1		43.0
60		1.7	12.9	37.9	76.3	96.1		99.9	92.6	61.5	9.8		49.3
55	.3	5.3	22.8	56.0	87.5	99.2		100.0	96.9	75.8	23.8	.5	55.9
50	3.9	14.6	38.6	74.6	94.6	99.8			99.4	86.2	42.2	4.8	63.4
45	12.6	27.4	56.8	87.8	98.0	100.0			99.9	94.3	57.9	15.8	71.0
40	28.2	46.0	73.7	95.3	99.6					97.7	73.4	34.0	79.1
35	48.5	66.8	86.9	99.3	100.0				100.0	99.1	86.6	55.5	86.9
30	67.5	82.9	95.5	100.0						99.8	96.1	76.5	93.2
25	82.9	93.9	99.1							100.0	98.8	89.8	97.0
20	91.2	98.3	99.9								99.8	96.3	98.8
15	96.1	99.8	100.0									98.6	99.5
10	98.9	100.0									100.0	99.7	99.9
5	99.9											99.8	100.0
0	100.0											100.0	100.0
MEAN	33.4	38.8	46.5	56.4	67.4	77.9	87.9	85.4	75.1	61.7	46.5	35.5	59.4
S D	9.669	9.544	10.469	10.060	10.460	9.957	5.571	6.737	9.612	10.343	9.972	8.804	20.864
TOTAL OBS	930	847	930	900	930	900	930	930	900	930	900	930	10957

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

24101 HILL AFB/OGDEN UTAH 48-78
STATION STATION NAME 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
75							1.6						.1
70						2.2	13.4	5.7	.3				1.9
65					.3	12.7	47.8	36.0	5.4	.1			8.7
60					4.3	29.9	82.9	74.0	20.3	.8			18.0
55				1.6	17.0	54.6	96.7	90.1	45.3	3.9			26.1
50			.9	7.1	40.1	77.9	99.9	96.7	69.4	17.5	.6		34.5
45	.1	.5	3.1	18.7	63.9	92.8	100.0	99.6	85.5	41.7	3.8	.6	42.9
40	1.4	4.7	12.9	40.3	85.4	99.0		99.9	94.5	67.1	16.6	2.5	52.3
35	8.9	15.0	30.0	64.9	94.3	100.0		100.0	99.2	86.1	39.8	8.9	62.5
33	14.8	20.8	39.5	76.9	97.0				99.8	90.8	49.3	12.5	67.0
30	24.9	34.1	55.4	91.9	99.1				99.9	96.5	63.8	23.8	74.3
25	40.4	54.4	77.5	99.1	99.9				100.0	99.2	81.8	47.3	83.4
20	59.2	73.3	90.5	99.8	100.0					100.0	92.6	69.4	90.4
15	73.8	86.2	96.7	100.0							97.8	86.2	95.1
10	86.1	93.9	99.0								99.3	94.5	97.7
5	93.2	97.5	99.9								99.8	97.8	99.0
0	97.1	99.2	100.0									99.2	99.6
-5	99.4	100.0									99.9	99.9	99.9
-10	99.8										100.0	100.0	100.0
-15	100.0												100.0
MEAN	21.1	24.9	30.3	38.1	47.2	55.4	64.1	62.1	52.9	42.6	31.7	23.4	41.2
S D	10.433	9.279	8.148	6.943	7.466	7.347	4.969	5.477	7.600	7.278	8.118	8.538	16.549
TOTAL OBS	930	847	930	900	930	900	930	930	870	893	870	903	10833

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

24101 HILL AFB/OGDEN UTAH 48-78
STATION STATION NAME 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						.3	2.0	.3					.2
80						5.3	27.2	13.7	.7				4.0
75					1.3	19.9	66.8	53.9	9.1				12.8
70				.1	7.5	39.9	91.5	82.0	28.6	.8			21.2
65				1.9	22.0	60.8	98.3	92.6	54.0	5.5			28.3
60			.5	8.3	43.3	79.3	99.9	97.6	72.9	21.6	.1		35.7
55		.2	3.3	20.7	65.2	92.4	100.0	99.6	86.3	43.7	2.3		43.1
50		2.1	12.0	38.1	81.2	98.1		100.0	93.9	64.2	11.8	.6	50.5
45	2.4	8.5	26.3	62.9	92.5	99.9			98.5	80.9	31.3	2.4	59.1
40	10.3	22.3	46.0	83.2	97.5	100.0			99.8	92.5	53.8	12.3	68.3
35	26.7	40.6	67.8	95.1	99.5				100.0	97.5	70.5	28.6	77.3
30	46.6	62.7	84.7	99.4	100.0					99.4	85.6	52.9	86.0
25	63.5	79.8	94.1	100.0						100.0	95.3	74.5	92.3
20	79.6	90.1	98.0								98.6	89.3	96.3
15	88.9	96.9	99.9								99.7	95.8	98.4
10	95.5	99.1	100.0								99.8	98.6	99.4
5	98.2	99.9									99.9	99.6	99.8
0	99.6	100.0									100.0	99.8	99.9
-5	99.9											100.0	100.0
-10	100.0												100.0
MEAN	27.4	32.1	38.6	47.5	57.5	66.9	76.2	74.0	64.2	52.4	39.4	29.7	50.5
S D	9.861	9.138	8.995	8.068	8.635	8.268	4.731	5.645	8.185	8.447	8.697	8.397	18.540
TOTAL OBS	930	847	930	900	930	900	930	930	870	893	870	903	10833

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

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

24[illegible] HILL AFB/OGDEN, UTAH 46-78

STATION STATION NAME YEARS

MAXIMUM DEGREES FAHRENHEIT

MONTH / YEAR	JAN	FEB	MAR.	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]									92	80	59	48	
49	41	4[illegible]	67	73	84	8[illegible]	[illegible]7	9[illegible]	83	75	60	52	9[illegible]
50	52	62	62	74	82	9[illegible]	95	93	93	77	60	49	9[illegible]
51	48	61	63	70	85	8[illegible]	[illegible]7	9[illegible]	85	73	58	48	9[illegible]
52	42	43	55	74	84	9[illegible]	[illegible]5	92	89	77	56	45	9[illegible]
53	54	52	71	75	77	94	97	92	89	81	68	46	9[illegible]
54	50	50	64	74	90	9[illegible]	100	99	89	80	67	53	100
55	44	44	65	73	84	93	98	9[illegible]	93	79	59	55	9[illegible]
56	53	49	72	72	85	9[illegible]	97	95	91	82	63	50	9[illegible]
57	46	58	69	68	79	91	94	96	89	82	53	52	9[illegible]
58	48	65	60	74	91	90	95	97	96	81	79	55	9[illegible]
59	56	50	63	81	85	9[illegible]	98	95	92	75	62	51	9[illegible]
60	46	50	70	73	89	92	99	94	85	78	64	52	99
61	49	59	66	74	84	9[illegible]	98	9[illegible]	84	73	54	49	9[illegible]
62	51	56	67	83	82	9[illegible]	95	9[illegible]	87	79	63	50	9[illegible]
63	50	61	69	75	80	94	99	97	97	88	61	58	99
64	42	44	64	70	84	9[illegible]	97	93	87	77	62	56	97
65	49	56	69	73	79	87	92	92	78	73	67	49	9[illegible]
66	46	45	68	72	85	92	96	93	87	78	65	52	9[illegible]
67	48	50	64	67	87	89	97	98	93	80	66	45	9[illegible]
68	45	59	70	76	84	97	100	93	85	75	67	50	100
69	52	44	70	76	85	91	104	101	89	71	64	59	104
70	56	56	59	72	84	94	94	97	90	78	59	49	9[illegible]
71	55	54	66	74	84	101	100	95	85	72	62	49	101
72	50	65	71	71	83	89	97	95	83	76	58	52	9[illegible]
73	42	46	54	71	85	99	97	97	85	77	65	56	99
74	52	53	64	79	86	9[illegible]	98	92	90	81	59	53	9[illegible]
75	47	49	62	64	79	85	93	93	89	80	60	50	9[illegible]
76	43	52	64	70	83	94	96	96	89	81	65	47	96
77	43	55	66	79	80	91	96	93	93	71	64	53	9[illegible]
MEAN													
S. D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 HRS)

USAF ETAC FORM 0-88-5 (CLI)

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

24101 HILL AFB/OGDEN, UTAH 48-78
STATION STATION NAME YEARS

MEAN DEGREES FAHRENHEIT

MONTH / YEAR	JAN	FEB.	MAR.	APR	MAY	JUN.	JUL	AUG.	SEP.	OCT	NOV	DEC	ALL MONTHS
77	43	52	70	79	87	91	95	96					
MEAN	47.9	53.5	65.5	73.9	82.9	2..	96.9	94.7	68.9	77.7	61.8	50.4	97..
S.D.	4.78	6.701	4.331	4.334	3.319	4.10	2.446	2.240	3.[illegible]	3.[illegible]	4.[illegible]	3.[illegible]	2.42
TOTAL OBS	[illegible]30	847	930	900	930	90[illegible]	930	930	900	93[illegible]	90	93[illegible]	1[illegible]95

ALL TEMPS * (BASED ON LESS THAN FULL 9 YRS)
(AT LEAST ONE MAY LESS THAN 24 OBS)

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

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

241 1 STATION [illegible] STATION NAME 48-73 YEARS

[illegible] DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB	MAR	APR	MAY	JUN	JUL.	AUG	SEP.	OCT	NOV.	DEC	ALL MONTHS
[illegible]													
49	-6	-1	23	32	37	41	52	55	40*	24	27	10	-
50	-1	-5	17	26	31	37	45	52	36	35	16	21	-
51	-5	-5	14	30	33	41	52	52	39	30	13	-2	-
52	-4	3	9	27	39	45	53	51	44	33	6	10	-
53	12	11	17	29	33	44	58	53	47	32	18	43	11
54	15	16	19	31	32	37	51	40	36	30	21	6	-
55	5	-2	10	27	31	39	50	54	41	32	-6	13	-
56	4	-1	11	24	35	43	56	49	39	27	12	2	-1
57	2	13	23	31	35	41	52	50	38	31	14	10	-
58	13	20	17	31	41	46	56	55	34	30	12	14	1
59	3	5	21	28	35	46	51	52	36	32	19	13	-
60	4	4	17	27	37	41	61	45	49	24	20	15	-
61	10	15	19	30	33	51	58	56	35	29	21	-2	-
62	-2	-1	15	30	34	38	52	49	38	32	19	6	-
63	-13	17	17	26	36	42	54	53	52	33	16	9	-1
64	2	5	6	29	29	44	57	39	39	32	21	3	-
65	11	11	13	29	24	45	53	42	28	36	18	11	11
66	4	5	3	22	32	42	54	49	45	27	19	11	-
67	10	15	21	29	26	41	61	62	42	25	15	3	-
68	9	17	26	29	33	43	50	47	35	31	11	7	-
69	7	9	9	29	39	42	50	56	43	25	17	2	-
70	-1	20	22	29	33	44	50	37	34	21	25	3	-1
71	-9	4	6	25	37	43	55	59	33	21	21	5	-
72	-2	1	20	27	28	47	53	49	35	23	19	-6	-
73	-4	12	24	23	35	43	54	53	40	29	17	2	-
74	-1	8	10	31	36	44	53	52	38	35	24	0	-1
75	-1	2	10	17	29	42	52	47	43	24	13	10	-1
76	1	11	9	28	42	37	41	48	44	32	13	15	-
77	6	14	18	25	34	56	58	49	40	35	15	12	-
MEAN													
S.D													
TOTAL OBS.													

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

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MONTHLY TEMPERATURE

(FROM DAILY OBSERVATIONS)

24101 — STATION
HILL AFB, OGDEN, UTAH — STATION NAME
48-78 — YEARS

WORLD WEATHER RECORDS

MONTH / YEAR	JAN	FEB	MAR.	APR	MAY	JUN.	JUL	AUG.	SEP	OCT	NOV	DEC.	ALL MONTHS
77	15	15	27	32	29	44	53	47					
MEAN	2.9	8.2	15.6	27.2	33.4	42.3	54.0	51.2	37.4	29.7	15.4	7.6	2
S D	7.225	7.739	6.117	3.715	4.137	4.201	3.449	4.998	5.165	4.137	7.259	6.466	2.061
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	11,033

ETAC * (PASSED QC TESS I [illegible] ALL MONTHS)
(AT LEAST [illegible] DAYS PER MONTH, [illegible] 24 YRS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JAN MONTH

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
50/ 49						.2	.1											3	3		
48/ 47					.4	.2	.1											7	7		
46/ 45				.2	.2	.2												6	6		
44/ 43				.4	.8	.9												19	19		
42/ 41		.3	.6	.8	.9	.2												26	26		
40/ 39		.2	1.8	1.2	.4	.1												35	35	17	
38/ 37		.4	1.5	1.3	1.0													39	39	11	3
36/ 35		2.9	1.5	1.7	.3													60	60	53	3
34/ 33	.2	2.7	1.8	.9	.1													53	53	68	20
32/ 31	.2	2.5	4.1	1.3	.1													76	76	62	45
30/ 29	.5	2.9	3.1	.4														65	65	75	48
28/ 27	.3	3.1	3.0	.5														65	65	77	51
26/ 25	.5	3.3	4.9	.3														85	85	71	52
24/ 23	.6	1.3	3.7	.2														54	54	78	61
22/ 21	.3	3.2	2.4	.1														56	56	63	78
20/ 19	.4	2.8	2.4	.2														54	54	67	62
18/ 17	.4	3.9	2.5															63	63	65	76
16/ 15	.3	3.1	.4															36	36	48	66
14/ 13		2.7	.5															30	30	51	62
12/ 11	.3	2.0																22	22	28	36
10/ 9	.3	2.5	.3															29	29	31	52
8/ 7		1.7																16	16	20	52
6/ 5		.4																4	4	14	38
4/ 3		1.1																10	10	7	34
2/ 1	.1	1.2																12	12	13	25
0/ -1	.5																	5	5	11	21
-2/ -3																					8
-4/ -5																					9
-6/ -7																					15
-8/ -9																					7
-10/-11																					4
-12/-13																					2
TOTAL	5.3	44.3	34.6	9.6	4.2	1.8	.2											930	930	930	930

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.	4535818	63796	68.6	13.105	930							
Dry Bulb	715523	24023	25.8	10.111	930	.5	69.2					93
Wet Bulb	564599	21325	22.9	9.022	930	1.1	78.1					93
Dew Point	348210	15322	16.5	10.154	930	6.6	90.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) (7-70,73-78 (YEARS) JAN (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
50/ 49							.2											2	2		
48/ 47					.2	.4	.2											8	8		
46/ 45				.4	.1	.3	.1											9	9		
44/ 43			.1	.2	.8	.2												12	12		
42/ 41		.1	.5	.4	.6	.1												17	17	1	
40/ 39		.2	1.4	1.2	.4	.1												31	31	11	
38/ 37		.8	2.3	1.3	1.3													52	52	21	2
36/ 35		2.8	1.4	2.2														59	59	42	4
34/ 33	.1	2.3	2.4	1.7														60	60	66	11
32/ 31	.0	3.1	2.5	.8														65	65	59	63
30/ 29	.2	1.9	2.2	.8														47	47	80	36
28/ 27	.3	3.1	2.7	.4														61	61	61	45
26/ 25	.4	3.8	4.7	.3														86	86	72	60
24/ 23	.5	1.7	3.9	.1														58	58	67	50
22/ 21	.4	3.3	2.5															58	58	68	62
20/ 19	.2	3.7	2.0															55	55	75	83
18/ 17	.3	3.2	1.7															49	49	55	54
16/ 15	.8	2.8	1.2															44	44	54	63
14/ 13	.3	3.7	1.2															48	48	40	67
12/ 11	.1	3.0																29	29	50	58
10/ 9	.1	2.3	.3															25	25	38	43
8/ 7		2.3																21	21	24	47
6/ 5		.2	.1															3	3	12	35
4/ 3		.9																8	8	8	49
2/ 1		1.4																13	13	7	23
0/ -1	.4	.3																7	7	13	27
-2/ -3	.3																	3	3	6	9
-4/ -5																					6
-6/ -7																					8
-8/ -9																					16
-10/-11																					5
-12/-13																					2
-14/-15																					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												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JAN 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
TOTAL	5.3	46.8	33.0	9.8	3.4	1.2	.5											930	930	930	930

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	4572446	64090	68.9	12.948	930							
Dry Bulb	685827	23357	25.1	10.334	930	1.0	68.0					93
Wet Bulb	543367	20765	22.3	9.264	930	1.9	78.9					93
Dew Point	336405	14801	15.9	10.419	930	7.5	91.3					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70, 73-78 YEARS | JAN 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
50/ 49							.1											1	1		
48/ 47					.1	.5	.1											7	7		
46/ 45				.4	.4	.4	.1											13	13		
44/ 43		.2	.2	.2	.2	.4												12	12		
42/ 41				.6	.6	.2												14	14	3	
40/ 39		.4	1.1	.8	.6													27	27	8	2
38/ 37			1.8	1.1	.5													32	32	16	1
36/ 35		2.8	2.2	2.5	.3													72	72	31	5
34/ 33	.2	3.0	1.9	1.1														58	58	72	5
32/ 31	.9	2.2	3.7	.5														67	67	67	61
30/ 29	.1	2.2	2.8	.3														50	50	72	31
28/ 27	.4	2.6	2.6	.3														55	55	67	40
26/ 25	.6	3.5	3.1	.2														70	70	62	63
24/ 23	.5	2.8	3.0	.1														60	60	67	62
22/ 21	.4	3.1	2.4															55	55	58	62
20/ 19	.1	4.5	2.3															64	64	66	77
18/ 17	.1	4.5	1.7															59	59	62	49
16/ 15	.4	2.2	1.5															38	38	69	53
14/ 13	.2	3.2	1.4															45	45	34	69
12/ 11	.3	4.0	.6															46	46	42	56
10/ 9		2.4																22	22	55	51
8/ 7		2.0																19	19	19	48
6/ 5		.9																8	8	18	29
4/ 3		1.4																13	13	11	41
2/ 1	.1	1.0																10	10	11	33
0/ -1	.5	.5																10	10	12	31
-2/ -3	.1																	1	1	6	22
-4/ -5	.2																	2	2	2	7
-6/ -7																					8
-8/ -9																					10
-10/-11																					11
-12/-13																					2
-14/-15																					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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JAN MONTH

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
TOTAL	5.4	49.4	32.3	8.2	2.9	1.0	.3											930	930	930	930

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.	4595927	64329	69.2	12.546	930							
Dry Bulb	659870	22758	24.5	10.528	930	1.3	69.4					93
Wet Bulb	524008	20242	21.8	9.477	930	2.0	80.0					93
Dew Point	325811	14339	15.4	10.618	930	9.2	91.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70, 73-78 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
50/ 49					.1													1	1		
48/ 47					.2	.4												6	6		
46/ 45				.6	.4	1.0												19	19		
44/ 43		.3	.2	.2	.9	.3												18	18		
42/ 41			.3	1.1	1.0	.2												24	24	4	
40/ 39		.6	.6	2.0	.6													37	37	12	3
38/ 37		.8	1.1	2.3	1.3	.1												51	51	27	
36/ 35		1.8	1.9	2.0	.2													56	56	43	6
34/ 33		3.1	2.5	1.6	.1													68	68	63	16
32/ 31	.2	2.5	3.2	1.3	.1													68	68	83	43
30/ 29	.4	1.6	3.0	.9														55	55	72	47
28/ 27	.3	3.1	3.1	.6														67	67	64	46
26/ 25	.8	2.7	3.7	.4														70	70	82	74
24/ 23	.5	2.4	3.9	.4														67	67	55	71
22/ 21	.2	2.4	1.6	.3														42	42	74	56
20/ 19	.8	4.0	2.5	.2														69	69	71	69
18/ 17	.2	2.8	1.7															44	44	57	62
16/ 15	.4	3.0	2.2															52	52	50	63
14/ 13	.3	2.5	.2															28	28	44	65
12/ 11	.1	2.4	.3															26	26	39	59
10/ 9	.1	1.9	.2															21	21	28	45
8/ 7		.9																8	8	16	39
6/ 5		1.3																12	12	11	33
4/ 3		.8																7	7	14	46
2/ 1		.9																8	8	3	23
0/ -1	.4	.1																5	5	12	23
-2/ -3		.1																1	1	1	12
-4/ -5																					6
-6/ -7																					3
-8/ -9																					11
-10/-11																					5
-12/-13																					2
-14/-15																					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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JAN MONTH

 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
TOTAL	4.8	41.8	32.3	14.1	4.9	2.0												930	930	930	930

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	4371357	62629	67.3	12.864	930							
Dry Bulb	740441	24475	26.3	10.183	930	.6	65.0					93
Wet Bulb	578855	21625	23.3	9.046	930	1.3	77.6					93
Dew Point	350302	15368	16.5	10.184	930	6.4	90.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (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
52/ 51						.1	.2											3	3		
50/ 49					.3	.8	.1											11	11		
48/ 47			.1	.2	.8	.3	.1											14	14		
46/ 45			.2	.4	.5	.6	.1											18	18		
44/ 43				.8	.6	.4												17	17	2	
42/ 41			1.0	1.7	.9	.5												38	38	15	
40/ 39		.3	2.7	2.8	1.3	.3												69	69	13	3
38/ 37		1.1	2.2	2.6	1.9	.1												73	73	40	
36/ 35		2.9	3.1	2.4	.4													82	82	65	8
34/ 33		1.7	3.3	2.8	.1													74	74	103	24
32/ 31	.3	1.5	2.0	2.2	.2													58	58	80	63
30/ 29	.3	1.5	4.1	2.7	.1													81	81	82	58
28/ 27	.6	2.7	4.1	1.5	.1													84	84	77	59
26/ 25	.3	2.0	3.4	.6														60	60	91	85
24/ 23	.1	2.7	2.5	.3														52	52	79	49
22/ 21	.2	1.7	3.1	.2														49	49	74	78
20/ 19	.3	1.9	2.4	.1														44	44	49	84
18/ 17		2.2	1.6															35	35	48	81
16/ 15		2.0	.8															26	26	37	61
14/ 13		.8	.1															8	8	27	48
12/ 11		1.1																10	10	15	45
10/ 9		1.2	.2															13	13	10	48
8/ 7		.6																6	6	13	48
6/ 5		.4	.1															5	5	5	27
4/ 3																				5	20
2/ 1																					15
0/ -1																					8
-2/ -3																					7
-4/ -5																					4
-6/ -7																					1
-8/ -9																					2
-10/-11																					3
-12/-13																					1

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JAN 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
TOTAL	2.3	28.4	37.0	1.3	7.3	3.2	.5											930	930	930	930

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	4008486	59788	64.3	13.320	930							
Dry Bulb	918718	27984	30.1	9.085	930		53.1					93
Wet Bulb	700296	24442	26.3	7.896	930		69.2					93
Dew Point	412337	17633	19.0	9.164	930	2.6	89.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70, 73-78 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL W.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					
56/ 55							.1												1	1		
54/ 53						.1	.1												2	2		
52/ 51								.1											1	1		
50/ 49			.1	.2		.5	.1												9	9		
48/ 47					1.1	.3	.1												14	14		
46/ 45				.6	1.1	.3	.3												22	22	1	
44/ 43				.9	.5	1.0													22	22	5	
42/ 41			1.4	2.0	1.5	.8													53	53	7	1
40/ 39		.3	2.7	2.7	1.5	.2													69	69	18	1
38/ 37		.5	4.1	2.7	1.0														77	77	41	1
36/ 35		2.3	2.2	2.3	.3														65	65	79	5
34/ 33		3.4	1.9	2.3	.1														72	72	107	22
32/ 31	.3	1.5	2.8	2.5	.3														69	69	89	69
30/ 29	.6	1.6	3.1	3.2	.2														82	82	78	72
28/ 27	.2	3.1	3.2	1.9															79	79	66	74
26/ 25	.6	2.0	3.8	.8															67	67	98	63
24/ 23	1.1	1.6	2.9	.5															57	57	85	61
22/ 21	.2	1.7	2.3	.3															42	42	58	99
20/ 19	.1	1.5	2.2																35	35	60	69
18/ 17	.2	1.9	1.1																30	30	36	71
16/ 15		1.8	.6																23	23	36	58
14/ 13		.5	.5																10	10	25	56
12/ 11		1.4	.4																17	17	10	40
10/ 9		.8																	7	7	19	53
8/ 7		.1	.3																4	4	7	41
6/ 5		.1																	1	1	2	27
4/ 3																					3	10
2/ 1																						13
0/ -1																						10
-2/ -3																						8
-4/ -5																						2
-8/ -9																						2
-10/-11																						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 S (GL A) AUG 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JAN 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
TOTAL	3.4	26.3	35.6	22.9	7.6	3.2	.8	.1										930	930	930	930

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.	4020178	59348	64.4	13.480	930							
Dry Bulb	949131	28533	30.7	8.908	930		52.3					93
Wet Bulb	723237	24931	26.8	7.687	930		67.2					93
Dew Point	428109	18159	19.5	8.897	930	2.4	90.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JAN (MONTH)

1800-2000 (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				
52/ 51					.1		.2											3	3		
50/ 49				.1	.1	.2	.2											6	6		
48/ 47					.5	.3	.3											11	11		
46/ 45			.1	.8	.5	.2												15	15		
44/ 43			.1	.5	1.3	.3												21	21	2	
42/ 41			.4	1.6	1.5	.5												38	38	3	
40/ 39		.2	1.5	1.3	.6	.4												38	38	18	
38/ 37		1.1	2.3	1.2	.4	.2												48	48	25	3
36/ 35		2.6	3.3	1.5	.2													71	71	64	3
34/ 33		3.2	3.5	.9														71	71	83	25
32/ 31	.3	2.2	3.0	1.4														64	64	89	45
30/ 29	.6	2.3	5.2	1.9	.1													94	94	66	71
28/ 27		1.9	2.8	1.0														53	53	66	70
26/ 25	.6	3.3	2.8	1.2														74	74	93	58
24/ 23	1.3	2.9	2.8	.5														70	70	82	61
22/ 21	.6	2.3	2.9	.1														55	55	70	82
20/ 19	.5	2.4	2.5	.1														51	51	62	71
18/ 17	.1	1.8	1.7															34	34	43	74
16/ 15	.4	2.4	.9															34	34	49	59
14/ 13	.2	1.4	.1															16	16	36	51
12/ 11		1.6																15	15	20	46
10/ 9	.1	1.8	.1															19	19	15	34
8/ 7	.1	1.3	.2															15	15	17	51
6/ 5	.2	.8																9	9	14	44
4/ 3		.3																3	3	8	26
2/ 1		.1																1	1	3	15
0/ -1	.1																	1	1	2	9
-2/ -3																					12
-4/ -5																					11
-6/ -7																					3
-8/ -9																					4
-10/-11																					2
TOTAL	5.4	35.8	36.2	14.1	5.5	2.3	.8											930	930	930	930

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	4397179	62587	67.3	14.120	930							
Dry Bulb	822568	26172	28.1	9.624	930	.1	60.8					93
Wet Bulb	640649	23113	24.9	8.443	930	.2	73.5					93
Dew Point	391762	16870	18.1	9.607	930	4.1	89.9					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JAN MONTH

 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
52/ 51							.1											1	1		
50/ 49						.2												2	2		
48/ 47					.4	.6	.1											11	11		
46/ 45			.2	.4	.2													8	8		
44/ 43			.2	.4	.5	1.4												24	24		
42/ 41		.2	.3	1.0	.5	.2												21	21	3	
40/ 39		.3	2.0	1.4	.6	.2												43	43	19	
38/ 37		1.0	2.6	1.2	.3	.1												48	48	19	4
36/ 35		2.2	2.0	1.6	.1													55	55	59	3
34/ 33	.2	2.5	4.1	1.0	.2													74	74	70	22
32/ 31	.1	2.8	3.7	1.3														73	73	69	47
30/ 29	.9	2.5	3.4	1.2														74	74	88	61
28/ 27	.2	2.3	3.3	1.2														65	65	67	53
26/ 25	.3	3.9	2.9	1.1														76	76	77	61
24/ 23	.6	3.1	2.4	.4														61	61	78	68
22/ 21	.6	2.0	3.2	.1														56	56	74	79
20/ 19	.8	3.2	2.2	.1														58	58	59	75
18/ 17	.1	2.3	1.7	.1														39	39	62	63
16/ 15	.3	3.4	.6															41	41	40	65
14/ 13	.2	2.3	.3															26	26	49	53
12/ 11	.2	1.5	.1															17	17	27	41
10/ 9	.1	1.5	.2															17	17	19	44
8/ 7	.1	1.6																16	16	11	48
6/ 5		1.1	.2															12	12	17	37
4/ 3	.1	.6																7	7	14	36
2/ 1		.2																2	2	4	17
0/ -1	.3																	3	3	5	12
-2/ -3																					8
-4/ -5																					13
-6/ -7																					13
-8/ -9																					3
-10/-11																					4
TOTAL	5.3	40.4	35.8	12.5	3.0	2.8	.2											930	930		930
																		930		930	

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	4517322	63550	68.3	13.715	930							
Dry Bulb	767001	25113	27.0	9.781	930	.3	64.3					93
Wet Bulb	604310	22278	24.0	8.720	930	.5	76.0					93
Dew Point	375567	16241	17.5	9.948	930	5.3	90.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JAN 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
56/ 55							.0											1	1		
54/ 53						.0	.0											2	2		
52/ 51					.0	.0	.1	.0										8	8		
50/ 49			.0	.0	.1	.2	.1											35	35		
48/ 47			.0	.0	.5	.4	.1											78	78		
46/ 45			.1	.5	.4	.4	.1											110	110	1	
44/ 43		.1	.1	.5	.7	.6												145	145	9	
42/ 41		.1	.6	1.2	.9	.3												231	231	36	1
40/ 39		.3	1.7	1.7	.8	.2												349	349	116	9
38/ 37		.7	2.2	1.7	1.0	.1												420	420	200	14
36/ 35		2.5	2.2	2.0	.2													520	520	441	37
34/ 33	.1	2.7	2.7	1.5	.1													530	530	632	145
32/ 31	.4	2.3	3.1	1.4	.1													540	540	598	436
30/ 29	.5	2.1	3.4	1.4	.1													548	548	613	424
28/ 27	.3	2.7	3.1	.9	.0													529	529	545	438
26/ 25	.5	3.1	3.7	.6														588	588	646	516
24/ 23	.7	2.3	3.1	.3														479	479	591	483
22/ 21	.4	2.5	2.5	.1														413	413	539	596
20/ 19	.4	3.0	2.3	.1														430	430	509	590
18/ 17	.2	2.8	1.7	.0														353	353	428	530
16/ 15	.3	2.6	1.0															294	294	383	488
14/ 13	.2	2.1	.6															211	211	306	471
12/ 11	.1	2.1	.2															182	182	231	381
10/ 9	.1	1.8	.2															153	153	215	370
8/ 7	.0	1.3	.1															105	105	127	374
6/ 5	.0	.6	.1															54	54	93	270
4/ 3	.0	.6																48	48	70	262
2/ 1	.0	.6																46	46	41	164
0/ -1	.3	.1																31	31	55	141
-2/ -3	.1	.0																5	5	13	86
-4/ -5	.0																	2	2	2	58
-6/ -7																					51
-8/ -9																					55
-10/-11																					36

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 74 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JAN (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
-12/-13																					9
-14/-15																					5
TOTAL	4.6	39.2	34.6	14.0	4.9	2.3	.4	.0										7440			7440
																	7440		7440		

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.	35018713	500617	67.3	13.389	7440							
Dry Bulb	6259079	202415	27.2	10.055	7440	3.8	501.1					744
Wet Bulb	4879321	178721	24.0	8.877	7440	7.0	600.5					744
Dew Point	2968509	128733	17.3	9.981	7440	44.1	723.4					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | FEB MONTH

 0000-0200 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					.2													2	2		
52/ 51				.1					.1									2	2		
50/ 49					.1			.2										3	3		
48/ 47						.4												3	3		
46/ 45			.2	.9	.1	.9												19	19	3	
44/ 43		.1	.6	.9	.6	.1												20	20		
42/ 41		.1	.4	1.2	1.2	.2	.2											28	28	8	
40/ 39			1.1	1.1	1.5	.7												37	37	12	3
38/ 37		.5	2.5	2.2	1.5	.1												58	58	21	6
36/ 35	.5	1.2	4.3	1.9	2.6													88	88	45	10
34/ 33	.8	3.0	2.7	3.0														80	80	71	19
32/ 31	.2	3.5	4.5	2.4	.1													91	91	94	35
30/ 29	1.2	1.8	4.6	1.5														77	77	102	53
28/ 27	.6	3.1	2.5	.9														60	60	105	63
26/ 25	.9	3.2	4.6	.5														78	78	88	58
24/ 23	.5	2.0	2.7															44	44	66	69
22/ 21	.1	3.4	2.0															47	47	71	78
20/ 19	.4	2.5	2.5															45	45	50	82
18/ 17	.2	2.7	1.3															36	36	43	92
16/ 15	.2	1.1	.2															13	13	39	76
14/ 13	.1	.6																6	6	14	50
12/ 11		.7	.1															7	7	5	56
10/ 9																				6	39
8/ 7		.2																2	2	1	29
6/ 5																				2	8
4/ 3																					9
2/ 1																					8
-2/ -3																					2
-4/ -5																					1
TOTAL	5.8	29.7	36.8	16.7	8.0	2.5	.2	.2	.1										846		846
																		846		846	

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.	3973042	56672	67.0	14.460	846							
Dry Bulb	822300	25540	30.2	7.789	846		50.2					84
Wet Bulb	637636	22542	26.6	6.617	846		68.1					84
Dew Point	386214	16872	19.9	7.672	846	.3	80.2					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | FEB MONTH

 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
54/ 53					.1													1	1		
52/ 51									.2									2	2		
50/ 49				.4				.1										4	4		
48/ 47				.1		.1	.1											3	3		
46/ 45			.2	.5	.1	.5	.2											13	13	2	
44/ 43			.1	.6	1.1	.1												16	16	2	
42/ 41		.1	.8	.7	.7													20	20	6	1
40/ 39		.2	.8	1.7	.9	.2												33	33	6	2
38/ 37		.5	2.7	1.8	1.1													51	51	20	4
36/ 35	.5	1.1	3.0	2.4	1.2													68	68	40	14
34/ 33	.8	1.9	3.0	4.3	.6													89	89	76	21
32/ 31	.7	2.7	3.6	2.5	.2													82	82	61	27
30/ 29	1.4	3.0	6.0	1.1	.4													100	100	87	38
28/ 27	.5	4.3	3.1	.9														74	74	127	57
26/ 25	.5	2.5	3.4	.1														55	55	102	70
24/ 23	.6	2.4	3.2															52	52	59	56
22/ 21	.7	1.7	2.2															39	39	64	82
20/ 19	.7	3.1	1.3															43	43	54	81
18/ 17	.1	3.1	.9															35	35	43	96
16/ 15		3.4	.5															33	33	32	61
14/ 13	.4	1.8	.2															20	20	38	59
12/ 11		1.1																9	9	17	51
10/ 9																				6	45
8/ 7		.1																1	1		36
6/ 5		.1																1	1	1	24
4/ 3		.1																1	1	2	9
2/ 1																					6
0/ -1																					2
-4/ -5																					2
-6/ -7																					1
TOTAL	6.9	33.0	35.1	16.9	6.4	.9	.4	.1	.2									845	845		845
																				845	

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.	4050515	57331	67.81	13.801	845							
Dry Bulb	771496	24608	29.1	8.063	845		54.2					84
Wet Bulb	603342	21804	25.8	6.946	845		68.9					84
Dew Point	367340	16294	19.3	7.935	845	.5	79.8					84

FORM 70L 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) FEB (MONTH)

 0600-0600 (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
52/ 51				.1														1	1		
50/ 49			.2					.2										4	4		
48/ 47			.2	.2	.1	.1	.5	.1										11	11		
46/ 45				.6		.6												10	10	3	
44/ 43			.2	.5	.6	.1												12	12	3	1
42/ 41			.5	.2	.8													13	13	5	2
40/ 39		.1	.6	1.1	.4	.1												19	19	5	2
38/ 37	.2	1.1	1.4	2.6	1.2													55	55	18	3
36/ 35	.2	1.4	2.0	1.2	1.5													54	54	33	11
34/ 33	.9	.9	2.8	3.5	.2													72	72	58	17
32/ 31	.9	3.1	4.6	2.5	.2													96	96	60	43
30/ 29	.5	3.0	5.0	2.5	.2													94	94	81	17
28/ 27	.5	4.3	4.4	.8														84	84	120	33
26/ 25	.2	3.9	2.0	.5														56	56	104	77
24/ 23	.8	2.2	3.2	.1														54	54	80	67
22/ 21	.7	3.0	2.0															53	53	52	77
20/ 19	.2	2.8	1.2															36	36	55	73
18/ 17	.4	2.4	1.2															33	33	53	87
16/ 15	.1	3.0	.2															28	28	21	84
14/ 13	.2	4.0	.1															37	37	43	44
12/ 11		1.7																14	14	32	55
10/ 9		.7																6	6	10	58
8/ 7		.1																1	1	7	24
6/ 5																					38
4/ 3		.2																2	2		17
2/ 1		.1																1	1	3	6
0/ -1																					5
-2/ -3																					2
-6/ -7																					3
TOTAL	6.0	37.9	62.5	16.4	5.3	.9	.5	.4											846		846
																		846		846	

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.	4111709	57831	68.4	13.695	846							
Dry Bulb	730363	23829	28.2	8.369	846		59.1					84
Wet Bulb	573018	21138	25.0	7.287	846		71.6					84
Dew Point	349165	15709	18.6	8.247	846	1.0	80.4					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION — HILL AFB/UGDEN UTAH STATION NAME — 67-70,73-78 YEARS — FEB 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
56/ 55						.1												1	1		
52/ 51				.4	.1													4	4		
50/ 49			.4	.1	.2	.2	.6											13	13		
48/ 47			.2	.5	.4	.9	.2											19	19		
46/ 45			.4	.2	.8	.6	.1											18	18	7	
44/ 43			.4	.7	.7	.6	.4											23	23	5	1
42/ 41			.2	1.1	1.9	1.2	.1											38	38	11	3
40/ 39			.8	2.7	1.8	.9												53	53	13	4
38/ 37	.1	.9	1.1	3.1	1.9													60	60	28	6
36/ 35	.2	1.5	3.1	2.4	1.4	.1												74	74	39	14
34/ 33	.2	1.5	3.3	3.8	.2													77	77	92	25
32/ 31	1.4	2.5	4.4	2.5	.6													96	96	96	21
30/ 29	.6	1.6	3.1	1.5	.1													60	60	100	38
28/ 27	.2	4.0	2.8	.6														65	65	94	54
26/ 25	.6	2.5	3.8	.2														60	60	99	82
24/ 23	.2	2.5	2.5	.2														46	46	60	84
22/ 21	.1	2.1	2.1															37	37	47	73
20/ 19	.2	2.8	.8															33	33	44	99
18/ 17		2.4	.6															25	25	39	79
16/ 15	.1	2.8	.5															29	29	30	60
14/ 13		1.1																9	9	27	53
12/ 11		.2																2	2	9	49
10/ 9		.2																2	2	2	41
8/ 7																				2	26
6/ 5		.1																1	1		20
4/ 3		.1																1	1	2	5
2/ 1																					3
0/ -1																					3
-2/ -3																					1
-4/ -5																					1
-6/ -7																					1
TOTAL	4.1	29.2	38.4	20.0	10.2	4.7	1.4												846		846
																		846		846	

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	3734401	54845	64.8	14.549	846							
Dry Bulb	888241	26439	31.3	8.564	846		46.3					84
Wet Bulb	671739	23081	27.3	7.053	846		64.6					84
Dew Point	394017	17017	20.1	7.824	846	.6	78.7					84

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

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GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/UGDEN UTAH STATION NAME | 67-70,73-78 YEARS | FEB 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
58/ 57							.4											3	3		
56/ 55						.2	.1		.2	.1								6	6		
54/ 53					.2		.6	.6	.1									13	13		
52/ 51					.2	.8	1.1	.7	.1									25	25		
50/ 49			.5	.1	.6	1.7	1.4	.4										39	39		
48/ 47			.1	.4	.6	1.3	1.2	.4										33	33	1	
46/ 45			.4	.2	1.1	1.5	.8	.1										35	35	11	
44/ 43			.1	.6	2.1	1.7	.5											42	42	6	3
42/ 41		.1	1.1	2.1	1.8	.7	.2											51	51	22	2
40/ 39		.5	1.1	2.0	2.5	1.2												61	61	49	5
38/ 37		.1	3.0	3.7	2.5	.4												81	81	60	6
36/ 35	.4	1.2	3.3	3.7	1.4													84	84	91	10
34/ 33	.8	1.5	2.7	5.6	.5													94	94	96	32
32/ 31	.7	1.2	2.0	2.5	.1													55	55	108	35
30/ 29	.4	2.1	3.0	1.7														60	60	101	59
28/ 27	.5	2.1	2.7	1.3														56	56	100	66
26/ 25	.1	1.4	3.0	.8														45	45	61	99
24/ 23	.1	1.3	1.8	.2														29	29	47	88
22/ 21		1.5	1.1															22	22	48	111
20/ 19		.4	.7															9	9	27	87
18/ 17		.1	.1															2	2	10	65
16/ 15																				6	55
14/ 13			.1															1	1	1	53
12/ 11																				1	33
10/ 9																					19
8/ 7																					7
6/ 5																					0
4/ 3																					1
2/ 1																					2
TOTAL	3.0	13.6	26.6	34.8	13.6	9.5	6.3	2.1	.5	.1									846		846
																		846		846	

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. Hun.	3151287	49761	58.8	16.296	846							
Dry Bulb	1171099	30673	36.3	8.356	846		27.7					84
Wet Bulb	832406	26022	30.8	6.154	846		50.6					84
Dew Point	456252	18768	22.2	6.871	846		78.2					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 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
60/ 59							.1											1	1		
58/ 57							.5											4	4		
56/ 55						.1	.4	.1	.7	.4								14	14		
54/ 53					.2	.4	.4	.8	.7									21	21		
52/ 51			.1	.4	.1	.9	1.8	.9	.2									38	38		
50/ 49			.1	.1	.6	2.4	.6	.4										35	35		
48/ 47					.8	2.2	1.4	.5										42	42	5	
46/ 45			.4	.9	1.1	1.8	.8											42	42	9	
44/ 43			.5	.7	1.1	1.4	.2											33	33	11	2
42/ 41		.1	1.1	2.0	2.0	.9	.4											55	55	29	3
40/ 39			1.1	2.8	2.7	.7												62	62	68	2
38/ 37		.9	3.0	3.3	2.8	.4												88	88	68	5
36/ 35	.6	.7	2.1	4.9	1.7													84	84	90	14
34/ 33	.9	1.5	2.5	4.1	.8													84	84	100	38
32/ 31	1.1	2.1	2.1	1.7	.5													63	63	107	61
30/ 29	.4	.8	3.0	.9														43	44	114	52
28/ 27	.5	2.7	3.0	1.7														66	66	66	70
26/ 25	.1	1.5	1.5	.7														33	33	72	82
24/ 23	.2	.9	.7	.1														17	17	48	94
22/ 21		.9	.2															10	10	34	118
20/ 19	.1	.4	.5	.1														9	9	12	85
18/ 17			.1															1	1	8	70
16/ 15																				3	55
14/ 13																				1	47
12/ 11																					18
10/ 9																					14
8/ 7																					10
6/ 5																					2
4/ 3																					2
0/ -1																					1
TOTAL	3.9	12.8	21.9	24.5	14.4	11.2	6.5	2.7	1.7	.4								845	846		845
																				845	

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	3058842	48764	57.7	17.028	845							
Dry Bulb	1253658	31764	37.5	8.499	846		24.1					84
Wet Bulb	878768	26770	31.7	6.029	845		46.2					84
Dew Point	477196	19270	22.8	6.688	845	.1	77.6					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70, 73-78 (YEARS) FEB (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
56/ 55						.4				.4								6	6		
52/ 51				.4	.1	.1	.1	.2										8	8		
50/ 49			.1		.5	.0	.4	.1										14	14		
48/ 47			.4	.2	1.5	.8	.7											31	31		
46/ 45			.2	.5	.8	1.8	.5											32	32	7	
44/ 43			.4	1.4	2.1	1.7	.2											49	49	6	
42/ 41		.1	.8	2.5	2.0	1.8	.1											62	62	15	3
40/ 39		.5	1.5	2.6	2.0	.4												59	59	28	3
38/ 37		.9	2.0	3.2	.8													59	59	49	5
36/ 35	.2	.9	4.5	2.6	.7													76	76	85	19
34/ 33	.9	2.4	2.8	2.7	.6													80	80	105	33
32/ 31	.6	3.1	4.1	2.4	.2													88	88	114	45
30/ 29	.7	1.9	4.8	1.9	.1													80	80	90	52
28/ 27	.4	1.9	3.0	.6														49	49	77	79
26/ 25	.1	2.7	1.9	.8														47	47	90	83
24/ 23	.5	1.3	2.0	.4														35	35	60	100
22/ 21	.5	2.0	2.0															38	38	39	91
20/ 19	.2	1.4	.8															21	21	42	98
18/ 17		.5	.4															7	7	26	51
16/ 15		.2	.1															3	3	7	55
14/ 13			.2															2	2	4	48
12/ 11																				2	30
10/ 9																					22
8/ 7																					15
6/ 5																					8
4/ 3																					4
0/ -1																					2
TOTAL	4.1	19.9	32.2	22.1	11.6	7.4	2.0	.4		.4								846	846		846
																		846		846	

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.	3594418	53550	63.3	15.530	846							
Dry Bulb	1042611	28915	34.2	8.019	846		36.7					84
Wet Bulb	776117	25065	29.6	6.296	846		54.7					84
Dew Point	459917	18775	22.2	7.154	846	.2	77.7					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION — HILL AFB/OGDEN UTAH STATION NAME — 67-70,73-76 YEARS — FEB 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
54/ 53					.1	.1			.2									4	4		
52/ 51					.1				.1									2	2		
50/ 49					.2	.2												4	4		
48/ 47			.4		.4	.1	.1											8	8		
46/ 45			.2	.5	.9	1.2	.1											25	25	2	
44/ 43			1.2	.7	1.7	.6	.2											37	37	5	
42/ 41		.1	.5	2.4	.8	.8												39	39	4	
40/ 39		1.1	1.3	2.0	3.1	.9												71	71	21	4
38/ 37		.5	2.5	2.6	1.4	.6												64	64	38	4
36/ 35	.1	1.5	3.9	3.5	.5													81	81	64	19
34/ 33	.1	1.8	3.0	2.5														62	62	72	16
32/ 31	1.9	2.8	5.0	2.0	.1													100	100	127	47
30/ 29	.5	2.6	3.5	2.0														73	73	99	51
28/ 27	.2	2.1	3.9	.7														59	59	97	70
26/ 25	.5	2.0	3.5	.9														59	59	65	78
24/ 23	.1	2.0	2.0	.1														36	36	72	75
22/ 21	.5	2.5	2.4															45	45	53	78
20/ 19	.1	2.6	1.9															39	39	42	93
18/ 17	.5	1.4	.9															24	24	44	80
16/ 15		.7	.2															8	8	28	62
14/ 13		.5	.1															5	5	5	47
12/ 11		.1																1	1	6	45
10/ 9																				2	34
8/ 7																					19
6/ 5																					10
4/ 3																					9
2/ 1																					2
0/ -1																					2
-2/ -3																					1
TOTAL	4.5	24.3	36.4	20.0	9.3	4.6	.5		.4										846		846
																		846		846	

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.	3780764	55158	65.2	14.778	846							
Dry Bulb	918358	27058	32.0	7.916	846		44.6					84
Wet Bulb	699476	23688	28.0	6.546	846		63.5					84
Dew Point	419522	17728	21.0	7.539	846	.3	79.7					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | FEB 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
60/ 59							.0											1	1		
58/ 57							.1											7	7		
56/ 55						.1	.1	.0	.1	.1								27	27		
54/ 53					.1	.1	.1	.2	.1									41	41		
52/ 51			.0	.2	.1	.2	.4	.2	.1									82	82		
50/ 49			.2	.1	.3	.6	.4	.2										116	116		
48/ 47			.2	.2	.5	.8	.5	.1										150	150	6	
46/ 45			.3	.5	.6	1.1	.3	.0										194	194	44	
44/ 43		.0	.4	.8	1.2	.8	.2											232	232	38	7
42/ 41		.1	.7	1.5	1.4	.7	.1											306	306	100	14
40/ 39		.3	1.0	2.0	1.9	.7												395	395	202	25
38/ 37	.0	.7	2.3	2.8	1.7	.2												516	516	302	39
36/ 35	.3	1.2	3.3	2.8	1.4	.0												609	609	487	111
34/ 33	.7	1.8	2.9	3.7	.4													638	638	670	201
32/ 31	.9	2.6	3.8	2.3	.3													671	671	767	314
30/ 29	.7	2.1	4.1	1.6	.1													587	588	774	360
28/ 27	.4	3.1	3.2	.9														513	513	786	492
26/ 25	.4	2.5	3.0	.6														433	433	681	629
24/ 23	.4	1.8	2.3	.1														313	313	492	633
22/ 21	.3	2.1	1.8															291	291	408	708
20/ 19	.3	2.0	1.2	.0														235	235	326	698
18/ 17	.1	1.6	.7															163	163	266	620
16/ 15	.1	1.4	.2															114	114	166	508
14/ 13	.1	1.0	.1															80	80	133	401
12/ 11		.5	.0															33	33	72	337
10/ 9		.1																8	8	26	272
8/ 7		.1																4	4	10	166
6/ 5		.0																2	2	3	118
4/ 3		.1																4	4	4	56
2/ 1		.0																1	1	3	27
0/ -1																					15
-2/ -3																					6
-4/ -5																					4
-6/ -7																					5

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 201 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | FEB 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
TOTAL	4.8	25.1	31.5	20.2	9.9	5.2	2.2	.7	.4	.1								6766	6767	6766	6766

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	29454978	433920	64.1	15.506	6766							
Dry Bulb	7598126	218826	32.3	8.783	6767		342.9					672
Wet Bulb	5672502	190110	28.1	6.993	6766		488.4					672
Dew Point	3309623	140433	20.8	7.640	6766	3.0	632.6					672

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/LOGAN UTAH STATION NAME | 73-78 YEARS | MAR MONTH

PAGE 1 | 0000-0200 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							.1	.1										2	2		
58/ 57						.1	.1	.1	.1	.2								8	8		
56/ 55							.3	.5		.1								9	9		
54/ 53							1.1		.2									12	12		
52/ 51					.1	.6	.2	.9	.1									13	13		
50/ 49				.1	.2	1.0	.3	.4	.2									21	21		
48/ 47			.5	.5	.8	1.4	1.4	.2										45	45	6	
46/ 45			.5	.4	1.6	1.5	1.1											49	49	1	
44/ 43		.3	.8	1.1	2.7	.6	.3											52	52	13	
42/ 41		1.0	.0	1.8	1.7	1.2	.1											63	63	43	1
40/ 39		.8	1.2	2.9	1.9	.2												57	57	47	8
38/ 37		1.4	.1	2.8	1.6	.3												86	86	69	25
36/ 35		1.2	2.3	3.4	1.4	.6												83	83	112	25
34/ 33	.4	1.3	3.5	3.3	.8													87	87	94	28
32/ 31	.9	2.3	2.5	3.4	1.0													93	93	90	50
30/ 29	.4	1.7	3.9	1.6	.4													75	75	111	62
28/ 27	.2	1.9	2.4	1.3	.2													56	56	98	98
26/ 25		1.1	2.2	.5														35	35	84	108
24/ 23	.2	1.0	.8	.2														20	20	56	59
22/ 21	.3	.4	.6															13	13	36	83
20/ 19	.2	.8	.5															14	14	20	80
18/ 17	.2	.3	1.0															14	14	13	94
16/ 15		.4	.4															8	8	6	80
14/ 13	.1	.5	.3															9	9	15	29
12/ 11		.4																4	4	9	17
10/ 9		.2																2	2	7	26
8/ 7																					20
6/ 5																					14
4/ 3																					14
2/ 1																					6
0/ -1																					3
TOTAL	3.0	17.0	27.5	22.7	14.4	7.6	5.1	1.7	.6	.3									930		930
																		930		930	

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.	3672605	56281	60.5	16.941	930							
Dry Bulb	1255135	33141	35.6	8.933	930		34.3					93
Wet Bulb	908453	28333	30.5	6.981	930		54.5					93
Dew Point	520792	20704	22.3	8.028	930	.3	84.3					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 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
58/ 57						.3		.2										5	5		
56/ 55					.1	.2	.1	.1	.1									6	6		
54/ 53							.4	.4										8	8		
52/ 51					.1	.4	.2		.1									8	8		
50/ 49				.1	.2	1.1		.4										17	17		
48/ 47				.6	.3	.9	.3	.9										28	28	4	
46/ 45			.6	.5	1.3	1.1	.5											38	38	2	
44/ 43		.3	1.0	.6	1.8	1.1	.1											46	46	7	
42/ 41		.8	1.0	1.4	1.4	.5												47	47	30	1
40/ 39		1.4	1.4	3.2	2.7	.3												84	84	44	7
38/ 37		1.4	2.8	2.2	1.3	.1	.1											73	73	53	16
36/ 35	.1	1.5	3.1	1.8	1.2	.2												74	74	91	34
34/ 33	.5	.9	3.3	3.5	.4													81	81	110	39
32/ 31	1.0	2.0	3.2	4.8	.2													105	105	90	34
30/ 29	.8	2.3	4.1	1.8	.3													86	86	91	66
28/ 27	.4	1.6	4.1	1.5														71	71	105	79
26/ 25	.1	1.6	2.7	1.3														53	53	97	97
24/ 23	.1	1.0	1.0															19	19	71	69
22/ 21		1.4	.3															16	16	42	81
20/ 19	.4	.4	.8															15	15	33	95
18/ 17	.2	.1	.9															11	11	5	81
16/ 15	.1	.8	.3															11	11	12	87
14/ 13		.6	.4															10	10	14	26
12/ 11	.5	1.1																15	15	14	28
10/ 9		.3																3	3	13	30
8/ 7																				2	23
6/ 5																					16
4/ 3																					12
2/ 1																					11
0/ -1																					7
-2/ -3																					1
TOTAL	4.3	19.5	31.0	23.5	11.4	6.2	1.8	2.0	.2										930		930
																		930		930	

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.	3902263	58329	62.7	16.203	930							
Dry Bulb	1150101	31655	34.0	8.843	930		41.5					93
Wet Bulb	852565	27357	29.4	7.175	930		58.9					93
Dew Point	504798	20248	21.8	8.297	930	.8	83.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | MAR MONTH

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
58/ 57						.1												1	1		
56/ 55						.2	.3		.3									8	8		
54/ 53					.1	.3	.2											6	6		
52/ 51					.1	.3	.1											5	5		
50/ 49				.1	.4	.5	.1	.3										14	14		
48/ 47			.1	.4	.5	.6		.2										18	18	1	
46/ 45			.4	1.2	1.1	1.0	.8	.2										43	43	4	
44/ 43		.4	.5	1.1	3.0	.9	.5											60	60	12	
42/ 41		.5	.9	1.4	1.8	.5												48	48	24	
40/ 39		1.0	1.7	2.5	1.6	.1												64	64	33	8
38/ 37		1.7	1.6	3.4	1.3	.1	.2											78	78	59	7
36/ 35		1.6	2.3	2.2	.9													64	64	80	39
34/ 33	.0	1.5	2.7	2.5	.8													75	75	105	38
32/ 31	.0	2.2	3.5	4.2	.5													103	103	96	46
30/ 29	1.2	2.0	4.6	2.0	.3													95	95	81	58
28/ 27	.9	1.3	3.5	1.2														64	64	101	67
26/ 25	.4	1.9	3.9	1.1														68	68	110	90
24/ 23	.3	1.6	1.4	.6														37	37	71	85
22/ 21	.1	1.0	.3															13	13	60	80
20/ 19	.3	.5	.8															15	15	29	75
18/ 17	.2	.5	.6															13	13	11	90
16/ 15		.2	.5															7	7	10	82
14/ 13		1.2	.4															15	15	10	47
12/ 11	.2	.8	.1															10	10	19	19
10/ 9	.2	.4																6	6	10	26
8/ 7																				4	22
6/ 5																					19
4/ 3																					7
2/ 1																					10
0/ -1																					13
-2/ -3																					2
TOTAL	5.2	20.4	30.0	23.9	12.5	4.7	2.3	.8	.3										930		930
																		930		930	

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.	3926939	58653	63.1	15.660	930							
Dry Bulb	1113459	31127	33.5	8.782	930		44.6					93
Wet Bulb	831698	26986	29.0	7.236	930		61.2					93
Dew Point	493056	19938	21.4	8.404	930	1.5	83.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | MAR MONTH

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
68/ 67									.1									1	1		
66/ 65									.1		.1							2	2		
64/ 63							.1			.1								2	2		
62/ 61									.3	.1								4	4		
60/ 59							.2	.3	.4	.3								12	12		
58/ 57							.6	.3	.9	.1								18	18		
56/ 55					.1	.3	.3	.3	.2	.1								13	13		
54/ 53					.1	.6	1.1	1.1	.3	.1								31	31		
52/ 51					.5	.6	1.3	.4	.4									31	31	2	
50/ 49				.5	.4	1.1	1.1	.4	.1									34	34	2	
48/ 47			.2	.5	.6	2.0	1.1	.4										46	46	4	
46/ 45		.1	.1	1.3	1.8	1.8	1.0											57	57	23	
44/ 43		.2	.5	1.6	1.8	1.2	.5											55	55	32	
42/ 41		.4	.9	1.5	1.7	1.0												51	51	44	4
40/ 39		1.3	1.6	1.9	2.3	.9	.1											75	75	71	8
38/ 37		1.1	1.2	2.5	2.2	.3	.1											68	68	90	16
36/ 35	.3	1.4	2.0	3.0	1.7	.3												82	82	96	32
34/ 33	.5	1.8	2.0	4.2	1.3	.2												94	94	88	45
32/ 31	.4	2.2	2.2	1.5	1.0	.1												68	68	97	68
30/ 29	1.0	1.5	2.4	1.5	.5													64	64	108	70
28/ 27	.2	1.0	2.4	.5														38	38	87	89
26/ 25		1.5	.8	.2														23	23	68	79
24/ 23	.2	.3	1.0	.1														15	15	50	99
22/ 21		.5	.5	.3														13	13	15	85
20/ 19	.2	.2	.4															8	8	16	70
18/ 17		.4	.6															10	10	8	79
16/ 15		.4	.5															9	9	11	62
14/ 13		.3	.2															5	5	11	29
12/ 11																				6	25
10/ 9		.1																1	1	1	30
8/ 7																					12
6/ 5																					5
4/ 3																					13
2/ 1																					6

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 NO. 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | MAR MONTH

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
0/ -1																					3
-2/ -3																					1
TOTAL	2.9	14.8	19.6	23.2	16.1	10.5	7.5	3.3	2.9	.9	.1							930	930	930	930

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.	3285068	52738	56.7	17.802	930							
Dry Bulb	1458210	35684	38.4	9.789	930		25.4	.1				93
Wet Bulb	1009524	29912	32.2	7.147	930		47.8					93
Dew Point	551689	21393	23.0	8.008	930	.4	82.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | (7-70,73-78 YEARS | MAR 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										.2	.1	.2	.1					6	6		
68/ 67										.1	.3	.1						5	5		
66/ 65								.2	.1	.3	.1	.1	.1					9	9		
64/ 63								.1	.4	.8	.5	.3						20	20		
62/ 61									.4	1.1	.1	.1						16	16		
60/ 59							.8	.8	1.4	.4	.3							34	34		
58/ 57					.1		.5	1.2	.6	.3	.3							29	29		
56/ 55				.1		.2	.9	1.2	.6	.4								32	32		
54/ 53					.1	.4	1.7	1.2	1.6	.2								49	49	1	
52/ 51				.1	.2	.6	1.6	1.2										35	35	5	
50/ 49		.1		.3	.6	2.3	1.5	.8	.1									53	53	10	
48/ 47					1.2	1.9	1.2	.4										44	44	21	
46/ 45	.1	.1	.3	.8	1.7	1.9	.8	.1										54	54	35	3
44/ 43		.1	.5	.9	1.9	1.6	.9	.2										57	57	59	1
42/ 41		.2	1.2	1.3	2.3	1.7	1.0											71	71	71	3
40/ 39		1.3	1.1	2.6	1.8	1.3	.5											80	80	98	8
38/ 37	.1	.3	.9	2.7	1.9	1.2	.2											68	68	98	19
36/ 35	.1	.6	1.9	2.4	1.6	.4												66	66	71	34
34/ 33	.1	1.5	.8	1.9	.9	.2												50	50	106	40
32/ 31	.8	1.7	.6	1.2	.3													43	43	99	61
30/ 29	.2	1.5	1.3	1.4														41	41	86	83
28/ 27		1.5	.5	.5														24	24	60	119
26/ 25		.5	.4	.6														15	15	48	86
24/ 23	.1	.6	.8	.3														17	17	23	77
22/ 21			.2															2	2	12	88
20/ 19	.1	.1	.2															4	4	16	76
18/ 17		.1	.4															5	5	4	60
16/ 15			.1															1	1	5	59
14/ 13																				2	35
12/ 11																					27
10/ 9																					18
8/ 7																					16
6/ 5																					10
4/ 3																					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
Ref Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70, 73-78 YEARS | MAR 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
2/ 1																					2
0/ -1																					1
TOTAL	1.6	10.4	11.3	17.1	14.7	13.9	11.5	7.3	5.4	3.9	1.8	.9	.2					930	930	930	930

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.	2650199	46353	49.8	19.127	930							
Dry Bulb	1832360	40068	43.1	10.686	930		15.2	1.1				93
Wet Bulb	1170859	32355	34.8	6.977	930		35.5					93
Dew Point	575701	22009	23.7	7.684	930	.1	82.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | MAR 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
70/ 69											.3	.4	.3					10	10		
68/ 67										.2	.2		.1					5	5		
66/ 65										.4	.3	.2						9	9		
64/ 63							.1		.2	.6	1.6	.4						28	28		
62/ 61							.5		.4	.5	.9	.3						25	25		
60/ 59						.1	.3	1.1	1.2	1.0	.3							37	37		
58/ 57							.4	.8	.9	.6	.4							29	29		
56/ 55						.5	.9	.5	.6	.3								27	27		
54/ 53					.2	.2	1.4	1.9	1.0	.2								46	46		
52/ 51		.1	.2	.1	.5	1.3	1.0	1.7	.1									47	47	2	
50/ 49			.1		.3	2.6	1.6	.5	.3									51	51	17	
48/ 47			.2	.6	1.0	2.3	1.0	.4										51	51	15	1
46/ 45				1.0	1.5	2.3	1.6	.4										63	63	47	2
44/ 43			1.1	.5	2.4	2.2	1.5	.5										76	76	55	2
42/ 41		.3	.8	1.7	1.9	1.4	1.3	.2										71	71	75	1
40/ 39		.9	1.5	1.7	1.9	1.4	1.0	.1										79	79	113	6
38/ 37	.1	.5	1.0	1.6	1.1	.9	.2											50	50	98	18
36/ 35		.1	1.8	1.2	1.4	.3	.2											47	47	93	30
34/ 33	.5	1.2	.8	1.3	.8	.1												43	43	93	41
32/ 31	.4	1.8	.4	1.9	.9													51	51	90	55
30/ 29	.1	.9	1.4	.5														27	27	70	94
28/ 27	.2	1.3	.4	.4														22	22	63	86
26/ 25	.1	.1	1.2	.5														18	18	54	102
24/ 23		.1	.8															8	8	9	105
22/ 21		.3																3	3	18	61
20/ 19			.4															4	4	11	71
18/ 17			.2															2	2		62
16/ 15																				5	64
14/ 13																				1	40
12/ 11																					31
10/ 9																					23
8/ 7																					11
6/ 5																					14
4/ 3																					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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | MAR 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
2/ 1																					5
0/ -1																					1
TOTAL	1.5	7.6	12.3	13.2	13.9	15.5	13.0	8.3	4.7	4.0	4.1	1.4	.4					929	929	929	929

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.	240 738	43826	47.2	19.091	929							
Dry Bulb	1930138	41180	44.3	10.624	929		13.5	1.5				93
Wet Bulb	1199371	32779	35.3	6.791	929		32.1					93
Dew Point	561406	21644	23.3	7.847	929	.1	82.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/UGDEN UTAH STATION NAME | 67-70,73-78 YEARS | MAR 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
68/ 67										.1	.1	.1						3	3		
66/ 65									.1		.2							3	3		
64/ 63									.1	.3		.1						5	5		
62/ 61							.2		.3	.3	.4	.1						13	13		
60/ 59						.1	.1	.4	.6	.6	.1							19	19		
58/ 57						.4	.5	.3	.9	.5								25	25		
56/ 55						.3	.9	1.5	.4	.4								33	33		
54/ 53				.1	.2	.5	1.0	.8	.6									30	30		
52/ 51			.1		.4	1.0	1.3	.5	.2									33	33		
50/ 49		.1	.1	.4	.8	1.1	1.6	.8										45	45	5	
48/ 47			.1	.3	1.5	1.7	1.0	.4										47	47	17	1
46/ 45		.1	.5	.8	2.2	1.4	1.3	.2										60	60	23	
44/ 43		.2	.3	1.1	2.5	1.2	1.0	.4										62	62	47	3
42/ 41		.1	1.1	2.2	2.0	1.7	.5											71	71	60	2
40/ 39		.4	2.0	2.2	3.0	1.0	.5											85	85	73	11
38/ 37		.9	1.8	2.0	2.4	1.3	.2											80	80	97	18
36/ 35		.8	2.0	2.5	1.3	.5	.1											67	67	98	24
34/ 33	.5	.9	1.5	2.3	1.0	.3												60	60	101	40
32/ 31	.5	2.2	1.3	3.2	.5	.2												74	74	108	64
30/ 29	.5	.8	1.2	1.0	.3													35	35	90	91
28/ 27	.1	1.4	.8	.2														23	23	76	86
26/ 25	.3	.4	.8	.4														18	18	62	96
24/ 23	.1	.3	.6	.2														12	12	27	94
22/ 21		.2	.9															10	10	11	74
20/ 19		.4	.4															8	8	10	72
18/ 17		.2	.5															7	7	14	67
16/ 15		.2																2	2	7	58
14/ 13																				4	28
12/ 11																					32
10/ 9																					21
8/ 7																					19
6/ 5																					16
4/ 3																					10
2/ 1																					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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | MAR 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
0/ -1																					1
TOTAL	2.2	9.6	16.1	18.8	18.1	12.8	10.2	5.4	3.3	.4	.9	.3						930	930	930	930

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	2869159	48761	52.4	18.343	930							
Dry Bulb	1647894	38068	40.9	9.823	930		18.9	.3				93
Wet Bulb	1091999	31231	33.6	6.820	930		40.9					93
Dew Point	559820	21574	23.2	7.993	930	.1	83.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70, 73-78 YEARS | MAR MONTH

 | 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
60/ 59							.1	.1			.2							4	4		
58/ 57						.2	.2	.4	.3	.2								13	13		
56/ 55						.4	.6	.4	.5	.2								21	21		
54/ 53					.1	.4	1.9	.6	.2									31	31		
52/ 51			.3		.2	.5	1.2	.4	.4									29	29		
50/ 49				.3	.1	.3	1.1	.8	.1									25	25		
48/ 47				1.1	.9	2.0	1.3	.2										51	51	7	
46/ 45			.3	.5	2.5	1.6	.4											50	50	10	3
44/ 43		.8	.9	1.1	2.0	1.1	.6											60	60	25	
42/ 41		.8	.3	1.3	1.7	.9	.1											47	47	58	2
40/ 39		.2	1.3	2.2	1.3	1.6	.1											62	62	56	8
38/ 37		1.3	2.7	3.4	2.7	.6												100	100	74	16
36/ 35	.1	.9	2.4	3.8	1.2	.2												79	79	102	30
34/ 33	.6	1.0	1.4	3.7	1.6	.2	.1											80	80	89	26
32/ 31	.9	2.5	3.1	2.9	.5	.1												93	93	107	63
30/ 29	.9	.8	2.8	2.4	.4													67	67	114	60
28/ 27	.1	.9	1.6	.4														28	28	85	95
26/ 25	.4	1.3	.9	.8														31	31	79	95
24/ 23	.3	.8	.6	.2														18	18	52	77
22/ 21	.2	.4	.4	.2														12	12	22	104
20/ 19		.2	.8															9	9	16	75
18/ 17		.2	.8															9	9	8	73
16/ 15		.2	.4															6	6	11	69
14/ 13		.4																4	4	10	43
12/ 11		.1																1	1	5	15
10/ 9																					29
8/ 7																					14
6/ 5																					20
4/ 3																					7
2/ 1																					4
0/ -1																					1
-6/ -7																					1
TOTAL	3.5	12.6	21.0	24.2	15.3	10.3	7.8	3.0	1.6	.4	.2							930	930	930	930

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.	3322115	53043	57.0	17.874	930							
Dry Bulb	1403939	35115	37.8	9.167	930		27.8					93
Wet Bulb	978723	29497	31.7	6.816	930		50.9					93
Dew Point	533561	21015	22.6	7.948	930	.2	84.5					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | MAR 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
70/ 69										.0	.1	.1	.1					16	16		
68/ 67									.0	.1	.1	.0	.0					14	14		
66/ 65								.0	.0	.1	.1	.0	.0					23	23		
64/ 63							.0	.0	.1	.2	.3	.1						55	55		
62/ 61							.1		.2	.3	.2	.1						58	58		
60/ 59						.0	.2	.3	.5	.3	.1							108	108		
58/ 57					.0	.2	.3	.4	.5	.3	.1							128	128		
56/ 55				.0	.0	.3	.5	.6	.4	.2								149	149		
54/ 53				.0	.1	.3	1.1	.8	.5	.1								213	213	1	
52/ 51		.0	.1	.0	.3	.7	.9	.6	.2									201	201	9	
50/ 49		.0	.0	.2	.4	1.2	.9	.6	.1									260	260	34	
48/ 47			.1	.5	.8	1.6	.9	.4										330	330	75	2
46/ 45	.0	.0	.4	.8	1.7	1.6	.9	.1										414	414	145	8
44/ 43		.3	.7	1.0	2.3	1.2	.7	.1										468	468	250	6
42/ 41		.5	.9	1.6	1.8	1.1	.4	.0										469	469	405	14
40/ 39		.9	1.5	2.3	2.1	.8	.3	.0										586	586	535	64
38/ 37	.0	1.1	1.9	2.6	1.8	.6	.1											603	603	638	135
36/ 35	.1	1.0	2.2	2.5	1.3	.3	.0											562	562	743	248
34/ 33	.5	1.3	2.0	2.8	.9	.1	.0											570	570	786	297
32/ 31	.7	2.1	2.1	2.9	.6	.1												630	630	777	441
30/ 29	.6	1.4	2.7	1.5	.3													490	490	751	584
28/ 27	.3	1.4	2.0	.8	.0													326	326	675	719
26/ 25	.2	1.1	1.6	.7														261	261	602	753
24/ 23	.2	.7	.9	.2														146	146	359	665
22/ 21	.1	.5	.4	.1														82	82	216	656
20/ 19	.2	.3	.5															77	77	151	614
18/ 17	.1	.2	.6															71	71	63	606
16/ 15	.0	.3	.3															44	44	67	561
14/ 13	.0	.4	.2															43	43	67	277
12/ 11	.1	.3	.0															30	30	53	194
10/ 9	.0	.1																12	12	31	193
8/ 7																				6	137
6/ 5																					114
4/ 3																					70

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) MAR (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																					46
0/ -1																					30
-2/ -3																					4
-6/ -7																					1
TOTAL	3.0	14.0	21.1	20.6	14.5	10.2	7.4	4.0	2.4	1.5	.9	.3	.1					7439			7439
																	7439		7439		

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.	26034086	417984	56.2	18.510	7439							
Dry Bulb	11791236	286038	38.5	10.324	7439		221.2	3.0				744
Wet Bulb	8043192	238450	32.1	7.332	7439		381.9					744
Dew Point	4300823	168525	22.7	8.058	7439	3.5	666.6					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | APR MONTH

PAGE 1 | 0000-0200 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						5	5		
62/ 61							.2			.2	.1							5	5		
60/ 59							.2	.6	.3	.3	.2							15	15		
58/ 57							.3	.9	.6	.4								20	20		
56/ 55					.2	.7	.3	1.1	1.9	.1								39	39		
54/ 53					.2	1.2	.3	.9	1.0	.1								34	34		
52/ 51				.2	.7	.8	.8	.6	.1									28	28		
50/ 49			.1	.4	.4	1.7	1.1	.3										37	37	2	
48/ 47		.7	1.7	.6	1.2	1.8	1.1											63	63	4	
46/ 45	.1	.1	1.0	1.6	1.9	2.7	1.0											75	75	38	4
44/ 43		.1	.6	2.1	3.2	1.0	.7											69	69	54	5
42/ 41		.2	2.0	4.4	3.7	.4	.6											102	102	59	8
40/ 39		.4	1.6	2.0	2.2	1.2	.1											68	68	86	20
38/ 37		.6	2.1	3.1	2.6	.7												81	81	123	18
36/ 35		2.6	2.1	2.9	1.4	.1												82	82	103	27
34/ 33	.3	2.4	2.4	2.0	1.1													75	75	128	55
32/ 31	.3	3.6	1.0	.9	.7	.2												60	60	92	86
30/ 29		1.1	.8	.7	.2													25	25	105	90
28/ 27	.3	.2	.7															11	11	56	110
26/ 25			.1															1	1	26	87
24/ 23		.1																1	1	17	104
22/ 21		.1																1	1	3	81
20/ 19		.1																1	1	1	72
18/ 17		.2																2	2	2	39
16/ 15																				1	35
14/ 13																					26
12/ 11																					18
10/ 9																					8
8/ 7																					3
5																					1
4/ 3																					3
TOTAL	1.1	12.6	16.1	20.9	19.8	12.4	6.8	4.3	3.9	1.2	.3	.6							900		900
																		900		900	

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	3058477	49913	55.5	17.972	900							
Dry Bulb	1643199	37753	41.9	8.138	900		10.2					90
Wet Bulb	1129704	31492	35.0	5.557	900		30.3					90
Dew Point	638370	23116	25.7	7.047	900		76.3					90

USAFETAC FORM 0-26-5 (OL A) 8/64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | APR 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									.1									1	1		
62/ 61								.1		.1								2	2		
60/ 59							.1	.1		.3								5	5		
58/ 57								.3	.2	.9								13	13		
56/ 55						.2	.1	.9	.6	.2								18	18		
54/ 53				.1	.4	.8	.3	1.4	.9									36	36		
52/ 51				.1	.6	.6	.6	1.6	.3									33	33		
50/ 49			.1	.4	.2	.9	.7	1.2										32	32	1	
48/ 47			.9	.9	1.9	1.0	.9											50	50	5	
46/ 45		.8	1.8	1.1	1.2	1.6	.4											62	62	15	
44/ 43		.4	.3	2.3	2.2	2.6	.2											73	73	40	4
42/ 41	.1	.1	1.1	4.0	1.9	.9												73	73	51	13
40/ 39		.7	2.6	4.0	3.0	1.1	.1											103	103	83	18
38/ 37		.8	2.4	2.8	1.7	.7												75	75	96	21
36/ 35		1.3	2.7	3.3	1.3	.7												84	84	118	18
34/ 33	.4	2.8	2.7	3.2	.9													90	90	119	48
32/ 31	.2	3.0	3.2	1.4	.4													75	75	105	72
30/ 29	.4	1.9	1.3	.8	.7													46	46	111	79
28/ 27	.3	.3	.9	.2														16	16	87	107
26/ 25			.2															2	2	36	98
24/ 23		.1	.3															4	4	16	96
22/ 21		.3	.1															4	4	8	97
20/ 19		.2	.1															3	3	6	82
18/ 17																				3	41
16/ 15																					44
14/ 13																					29
12/ 11																					15
10/ 9																					9
8/ 7																					4
6/ 5																					2
4/ 3																					3
TOTAL	1.6	12.8	20.8	24.8	16.4	10.9	3.4	5.7	2.1	1.6									900		900
																		900		900	

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.	3255180	51784	57.5	17.510	900							
Dry Bulb	1507735	36171	40.2	7.752	900		15.0					90
Wet Bulb	1060505	30495	33.9	5.504	900		37.2					90
Dew Point	610974	22576	25.1	7.049	900		77.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION — HILL AFB/OGDEN UTAH STATION NAME — 67-70,73-78 YEARS — APR 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
64/ 63									.1	.2	.1	.1						5	5		
62/ 61								.1	.2	.3								6	6		
60/ 59									.6	.2								7	7		
58/ 57						.1			.8	.1								9	9		
56/ 55					.1	.4	.1	.8	.4	.1								18	18		
54/ 53					.2	.4	.7	.9	.7									26	26		
52/ 51			.1	.1	.9	.2	1.0	1.0	.3									33	33		
50/ 49				.6	.4	1.3	.9	.4										33	33	1	
48/ 47			.9	1.1	1.3	1.7	1.1	.1										56	56	7	
46/ 45		.7	1.2	1.6	2.1	1.3	.4											66	66	16	
44/ 43	.1	.6	.9	2.6	2.2	2.7	.1											82	82	44	4
42/ 41	.1	.1	1.4	4.0	2.3	1.1	.2											84	84	58	17
40/ 39		.1	2.9	3.1	3.1	.8	.1											91	91	79	13
38/ 37		1.3	2.8	2.0	1.7	.8												77	77	110	21
36/ 35	.1	1.6	2.4	3.2	1.8	.1												83	83	111	23
34/ 33	.4	1.4	3.6	2.1	.9													76	76	126	43
32/ 31	.3	2.8	2.6	1.8	.3	.1												71	71	99	88
30/ 29	.3	2.0	2.0	.7	.3													48	48	102	84
28/ 27	.2	.6	.3	.4														14	14	75	98
26/ 25	.2	.2	.2															6	6	44	114
24/ 23			.3															3	3	15	101
22/ 21		.2	.3															5	5	6	89
20/ 19																				6	76
18/ 17		.1																1	1		36
16/ 15																				1	37
14/ 13																					27
12/ 11																					16
10/ 9																					4
8/ 7																					5
6/ 5																					2
4/ 3																					2
TOTAL	1.9	11.7	22.0	23.2	17.8	11.1	4.7	3.3	3.1	1.0	.1	.1						900	900		900
																		900		900	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3252791	51831	57.6	17.261	900
Dry Bulb	1530715	36439	40.5	7.849	900
Wet Bulb	1078454	30752	34.2	5.550	900
Dew Point	625251	22895	25.4	6.902	900

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.		14.8					90
Dry Bulb		34.8					90
Wet Bulb		77.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | APR 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
74/ 73															.1			1	1		
72/ 71												.1	.4					5	5		
70/ 69										.1	.6	.3	.6					14	14		
68/ 67										.1	.3	.6	.1					10	10		
66/ 65										.7	.8							13	13		
64/ 63								.2	.6	.6	.8	.1						20	20		
62/ 61							.2	.3	.4	.8	.4							20	20		
60/ 59							.4	.2	.9	.6	.2							21	21		
58/ 57						.7	.7	1.0	1.2	.2								34	34		
56/ 55				.1	.1	1.0	.9	1.2	.9									38	38		
54/ 53				.2	.4	1.1	2.2	1.3		.1								49	49		
52/ 51				.2	.6	2.2	1.9	.8	.1									52	52	4	
50/ 49			.3	1.0	2.0	2.4	2.3	.2	.6									80	80	19	
48/ 47			.6	.7	2.0	2.6	2.3	.3	.1									77	77	36	
46/ 45		.3	.3	1.0	1.8	2.6	1.1	.4										68	68	62	3
44/ 43	.1	.9	1.1	1.6	1.9	1.6	.9	.2										74	74	80	4
42/ 41		.2	1.9	2.2	1.9	.8	.4											67	67	113	15
40/ 39	.1	.2	1.4	2.0	1.1	.8												51	51	95	20
38/ 37		.6	1.9	2.0	1.3	.6												57	57	96	26
36/ 35		.7	1.7	2.1	.8	.2												49	49	110	44
34/ 33	.3	1.0	1.4	.8	.7	.2												40	40	86	59
32/ 31	.4	1.9	.8	1.0		.1												38	38	75	103
30/ 29	.3	1.0	.2	.1	.1													16	16	74	90
28/ 27		.4	.2															6	6	23	98
26/ 25																				21	110
24/ 23																				6	100
22/ 21																					87
20/ 19																					41
18/ 17																					25
16/ 15																					27
14/ 13																					20
12/ 11																					18
10/ 9																					5
8/ 7																					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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | APR 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
6/ 5																					1
4/ 3																					2
2/ 1																					1
TOTAL	1.3	7.2	11.9	15.0	14.7	16.8	13.4	6.3	4.8	3.1	3.1	1.1	1.1		.1				900		900
																		900		900	

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.	2535392	44704	49.7	18.716	900							
Dry Bulb	2026127	41815	46.5	9.629	900		6.0	3.0	.1			90
Wet Bulb	1302768	33826	37.6	5.913	900		19.9					90
Dew Point	686862	24054	26.7	6.994	900		72.9					90

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

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 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
78/ 77																.3	.1	4	4		
76/ 75												.2		.3	.4	.2		11	11		
74/ 73											.1	.4	.2	1.0	.2			18	18		
72/ 71												.1	.4	.2				7	7		
70/ 69										.3	.3	.6	.7	.2				19	19		
68/ 67									.1	.2	.6	.9	.2					18	18		
66/ 65								.1	.1	.3	.6	1.3	.2					24	24		
64/ 63								.3	.6	.7	.9	.6						27	27		
62/ 61						.1	.2	.8	.8	.7	.4	.1						28	28		
60/ 59				.1		.2	.8	1.0	1.9	1.0	.3							48	48		
58/ 57						.4	1.6	2.0	1.4	.9	.2							59	59		
56/ 55					.2	.4	2.7	1.9	1.3	.2								61	61		
54/ 53				.3	.2	1.3	1.6	1.2	.6	.1								50	50	5	
52/ 51			.1	.2	.9	1.7	2.4	1.6	1.3									74	74	13	1
50/ 49			.2	.2	.9	1.9	2.0	1.1	.3	.1								61	61	29	
48/ 47		.3	.1	.1	1.2	1.6	1.8	1.1										56	56	57	
46/ 45		.1	.4	1.4	1.7	1.8	.8	.1										57	57	93	1
44/ 43		.2	.3	.9	1.7	1.4	.7											47	47	110	8
42/ 41	.2	.2	1.1	.8	1.1	1.2	.3											45	45	99	12
40/ 39	.1	.7	1.2	1.1	1.3	1.1	.2											52	52	98	18
38/ 37		.8	1.1	1.0	1.1	.2												38	38	103	27
36/ 35		1.3	.6	1.1	.7	.3												36	36	84	40
34/ 33	.6	1.3	.6	.6	.1													28	28	78	71
32/ 31	.1	1.7	.9	.1	.1													26	26	53	86
30/ 29	.1	.2		.2														5	5	52	95
28/ 27		.1																1	1	17	82
26/ 25																				8	99
24/ 23																				1	104
22/ 21																					81
20/ 19																					61
18/ 17																					40
16/ 15																					36
14/ 13																					18
12/ 11																					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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | APR 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
10/ 9																					4
8/ 7																					1
6/ 5																					1
4/ 3																					2
TOTAL	1.1	7.0	6.7	8.2	11.2	13.8	15.2	11.2	8.4	4.6	3.4	4.2	1.8	1.8	.7	.6	.1	900	900	900	900

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	2035181	39021	43.4	19.543	900							
Dry Bulb	2406678	45506	50.6	10.848	900		3.2	7.7	3.3			90
Wet Bulb	1427614	35440	39.4	5.972	900		13.1					90
Dew Point	674456	23818	26.5	7.006	900		72.2					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION — HILL AFB/OGDEN UTAH STATION NAME — 67-70,73-78 YEARS — APR MONTH

PAGE 1 — 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
80/ 79																.1	.1	2	2		
78/ 77														.1	.2	.4		7	7		
76/ 75													.3	.1	1.2	.3		18	18		
74/ 73												.1	.1	.3				5	5		
72/ 71											.2	.4	.4	.7	.1			17	17		
70/ 69										.2	.3	.4	2.2					29	29		
68/ 67										.1	.6	.7	.2					14	14		
66/ 65								.1	.4		1.1	.8	.4					26	26		
64/ 63				.2			.1	.1	1.1	1.4	.9	.4						39	39		
62/ 61						.1	.2	1.0	.8	1.0	.8	.3						38	38		
60/ 59					.1		.3	.4	1.4	1.7	1.3							48	48		
58/ 57			.1			.2	.9	1.9	2.1	.9								55	55	2	
56/ 55				.2	.2	.7	1.9	2.2	1.4									60	60		2
54/ 53			.1	.1	.2	1.1	1.6	2.3	1.3	.2								63	63	3	
52/ 51				.1	1.1	1.6	2.8	1.1	1.1	.8								77	77	16	
50/ 49				.1	1.2	1.3	2.2	1.4	.1									58	58	23	1
48/ 47		.1		.7	1.1	1.1	1.9	.7	.2									52	52	74	1
46/ 45		.1	.4	.9	1.1	.3	.8	.9										41	41	93	2
44/ 43	.1		.3	.4	1.1	.9	.8	.1										34	34	110	5
42/ 41		.3	1.0	1.7	1.4	.8	.8											54	54	105	4
40/ 39		.8	.7	2.2	1.0	.8	.4											53	53	110	12
38/ 37		.8	1.1	.8	.2	.3												29	29	94	22
36/ 35	.1	1.0	1.3	.8	.3													32	32	75	45
34/ 33	.3	1.0	.8	.6														24	24	72	76
32/ 31	.1	1.6	.2	.1														18	18	64	70
30/ 29	.2	.1	.1															4	4	39	87
28/ 27			.2															2	2	17	93
26/ 25																					109
24/ 23		.1																1	1	2	99
22/ 21																				1	80
20/ 19																					71
18/ 17																					45
16/ 15																					28
14/ 13																					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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-76 YEARS | APR 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
12/ 11																					13
10/ 9																					7
8/ 7																					4
6/ 5																					2
4/ 3																					3
2/ 1																					1
TOTAL	.9	5.9	6.4	8.9	9.2	9.2	14.7	12.3	10.1	6.3	5.2	3.2	3.8	1.2	1.6	.9	.1	900	900	900	900

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.	1891313	37131	41.3	19.995	900							
Dry Bulb	2524422	46608	51.8	11.099	900		2.5	9.2	3.2			90
Wet Bulb	1454326	35790	39.8	5.879	900		12.3					90
Dew Point	654005	23391	26.0	7.159	900		73.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | APR 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
76/ 75															.2			2	2		
74/ 73											.1			.3	.1			5	5		
72/ 71											.1	.2	.2	.2				7	7		
70/ 69										.1	.2	.4	.3	.1				11	11		
68/ 67									.1	.1	.3	.4	.6					14	14		
66/ 65								.1	.4	.6	.8	.6						22	22		
64/ 63							.1	.1	.1	1.2	1.2	.4						29	29		
62/ 61				.1			.1	.4	.2	.9	.6							21	21		
60/ 59					.1	.1	.2	.7	1.4	1.0	.7							38	38		
58/ 57					.1	.2	1.1	1.1	1.9	.7	.1							47	47	1	
56/ 55					.4	.7	1.2	2.1	1.0	.2								51	51		
54/ 53					.4	.6	2.4	1.3	.6									48	48	2	1
52/ 51		.2		.9	1.0	2.3	1.2	1.8	1.0									76	76	7	
50/ 49	.1		.1	.6	.9	1.1	2.7	1.1	.1	.1								61	61	21	2
48/ 47			.6	.2	1.6	3.2	2.3	.6	.2									78	78	40	2
46/ 45			.2	1.2	1.9	1.6	1.3	.4										60	60	83	
44/ 43		.2	.8	1.2	1.0	1.4	.8	.2										51	51	81	4
42/ 41		.4	1.7	1.4	1.0	.9	.4											53	53	104	14
40/ 39	.2	.9	1.3	1.4	1.7	1.0	.3											62	62	104	15
38/ 37		.7	.9	2.1	.4	.4	.3											44	44	120	26
36/ 35		1.7	1.7	1.3	.8													49	49	90	36
34/ 33	.2	1.6	1.2	.7	.1	.1												35	35	88	61
32/ 31		1.6	.6	.2														21	21	75	104
30/ 29	.2	.7	.4															12	12	51	86
28/ 27																				22	105
26/ 25		.2																2	2	8	104
24/ 23		.1																1	1	2	94
22/ 21																				1	63
20/ 19																					63
18/ 17																					44
16/ 15																					33
14/ 13																					16
12/ 11																					11
10/ 9																					6

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | APR 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/ 7																					3
6/ 5																					2
4/ 3																					4
2/ 1																					1
TOTAL	.8	8.2	9.4	11.4	11.4	13.7	14.7	10.0	7.1	4.9	4.1	2.1	1.1	.7	.3			900	900	900	900

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	2297209	41835	46.5	19.804	900							
Dry Bulb	2199251	43567	48.4	10.021	900		3.6	3.9	.7			90
Wet Bulb	1356924	34558	38.4	5.774	900		15.9					90
Dew Point	673951	23769	26.4	7.170	900		73.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) APR (MONTH)

 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				
68/ 67												.1	.4					5	5		
66/ 65										.1	.7	.1	.2					10	10		
64/ 63							.1		.4	.6	.9	.3						21	21		
62/ 61							.2	.1	.2	.2	.6							12	12		
60/ 59								.3	.9	.7	.4							21	21		
58/ 57						.3	.1	1.2	1.2	.6	.1							32	32		
56/ 55					.1	.2	.8	.9	.9	.3								29	29		
54/ 53					.1	.8	1.4	.7	.3									30	30		
52/ 51		.2	.1	.4	.8	1.4	2.2	1.3	.1									60	60	2	
50/ 49		.2		.4	1.0	1.7	1.8	.7										52	52	4	1
48/ 47	.1	.4	1.1	.7	2.3	2.0	1.2	.1	.1									73	73	16	3
46/ 45			.9	2.0	2.7	1.6	1.2	.3										78	78	48	3
44/ 43			.8	1.9	3.2	1.4	.3	.2										71	71	66	3
42/ 41		.3	1.9	2.8	3.0	2.1	.6											96	96	93	11
40/ 39		.3	2.2	1.0	3.0	.8	.3											69	69	107	17
38/ 37		.8	1.1	2.0	1.4	.2												50	50	121	16
36/ 35		2.2	2.1	1.2	.9	.2												60	60	104	33
34/ 33		1.8	1.8	1.6	1.0	.2												57	57	89	55
32/ 31	.2	3.0	1.4	.6	.4													51	51	103	96
30/ 29	.2	.6	1.0	.1														17	17	81	109
28/ 27	.1	.2																3	3	41	75
26/ 25																				16	115
24/ 23																				6	97
22/ 21		.1																1	1		71
20/ 19		.2																2	2	2	76
18/ 17																				1	50
16/ 15																					28
14/ 13																					12
12/ 11																					12
10/ 9																					10
8/ 7																					3
6/ 5																					1
4/ 3																					2
2/ 1																					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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | APR 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	.7	10.4	14.4	14.7	20.0	13.0	10.3	5.9	4.2	2.4	2.7	.6	.7					900	900	900	900

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	2762445	46839	52.0	19.007	900							
Dry Bulb	1850837	40021	44.5	8.899	900		7.4	.5				90
Wet Bulb	1220938	32768	36.4	5.570	900		25.0					90
Dew Point	655758	23464	26.1	6.998	900		75.8					90

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) APR (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
80/ 79																.0	.0	2	2		
78/ 77														.0	.0	.1	.0	11	11		
76/ 75												.0	.0	.1	.2	.1		31	31		
74/ 73											.0	.1	.0	.2	.1			29	29		
72/ 71											.0	.1	.2	.1	.0			36	36		
70/ 69										.1	.2	.2	.5	.0				73	73		
68/ 67									.0	.1	.2	.3	.2					61	61		
66/ 65								.0	.1	.2	.5	.3	.1					95	95		
64/ 63				.0			.0	.1	.4	.6	.6	.3						147	147		
62/ 61				.0		.0	.2	.4	.3	.5	.4	.1						132	132		
60/ 59				.0	.0	.0	.3	.4	.9	.7	.4							203	203		
58/ 57			.0		.0	.3	.6	1.1	1.2	.6	.1							269	269	3	
56/ 55				.0	.2	.5	1.0	1.4	1.1	.2								314	314		2
54/ 53			.0	.1	.3	.9	1.3	1.3	.7	.1								336	336	10	1
52/ 51		.1	.0	.3	.6	1.3	1.6	1.2	.6	.1								433	433	42	1
50/ 49	.0	.0	.1	.5	.9	1.5	1.7	.8	.1	.0								414	414	100	4
48/ 47	.0	.2	.7	.6	1.6	1.9	1.6	.4	.1									505	505	239	6
46/ 45	.0	.3	.8	1.3	1.8	1.7	.9	.3										507	507	448	13
44/ 43	.0	.3	.6	1.6	2.1	1.6	.6	.1										501	501	585	37
42/ 41	.1	.3	1.5	2.7	2.0	1.0	.4											574	574	682	94
40/ 39	.1	.5	1.7	2.1	2.1	.9	.2											549	549	762	133
38/ 37		.8	1.7	2.0	1.3	.5	.0											451	451	863	177
36/ 35	.0	1.5	1.8	2.0	1.0	.2												475	475	795	266
34/ 33	.3	1.7	1.8	1.4	.6	.1												425	425	786	468
32/ 31	.2	2.4	1.3	.8	.3	.1												360	360	666	705
30/ 29	.2	.9	.7	.3	.2													173	173	615	720
28/ 27	.1	.2	.3	.1														53	53	338	768
26/ 25	.0	.1	.1															11	11	159	836
24/ 23		.1	.1															10	10	65	795
22/ 21		.1	.1															11	11	19	649
20/ 19		.1	.0															6	6	15	542
18/ 17		.0																3	3	6	320
16/ 15																				2	268
14/ 13																					166

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70, 73-78 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
12/ 11																					115
10/ 9																					53
8/ 7																					24
6/ 5																					12
4/ 3																					21
2/ 1																					4
TOTAL	1.2	9.5	13.5	15.9	15.1	12.6	10.4	7.4	5.5	3.1	2.4	1.5	1.1	.5	.3	.2	.0	7200	7200	7200	7200

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	21087988	363058	50.4	19.654	7200							
Dry Bulb	15688964	327880	45.5	10.259	7200		62.7	24.3	7.3			720
Wet Bulb	10031233	265121	36.8	6.111	7200		188.5					720
Dew Point	5219627	187083	26.0	7.057	7200		599.8					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 7-70,73-78 (YEARS) MAY (MONTH)

 0000-0200 (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
76/ 75											.1							1	1		
72/ 71										.2	.2		.3	.1				8	8		
70/ 69										.1	.1		.4	.1				7	7		
68/ 67							.1	.2	.2	.2	.6	.1						14	14		
66/ 65					.1		.5	.3	.5	.5	.2							21	21		
64/ 63					.1	.2	.5	.6	1.2	.4	.3							32	32		
62/ 61					.1	.8	.3	2.0	1.4	.2	.1							51	51		
60/ 59			.2	.2	.1	.4	2.2	2.3	1.2	.6								67	67		
58/ 57		.1		.5	.6	1.2	1.6	2.6	1.8	.1								80	80	1	
56/ 55			.1	.3	.8	1.7	3.2	2.3	.5	.1								84	84	7	1
54/ 53			.5	1.2	1.4	1.2	2.2	1.2	.2									73	73	15	1
52/ 51		.1	.9	1.0	2.2	2.5	.9	.8	.2									78	78	33	3
50/ 49		.4	1.1	1.5	1.6	3.1	.4	.1										77	77	49	4
48/ 47		.9	.5	1.0	2.7	1.2	.2	.3										63	63	113	10
46/ 45		1.0	1.1	2.4	1.1	.4	1.1	.1										66	66	130	26
44/ 43		.5	1.8	1.1	2.2	.6	.3											61	61	122	36
42/ 41	.2	.6	1.6	1.4	.8	.1												44	44	145	56
40/ 39		.9	.9	1.0	.6	.3												34	34	102	42
38/ 37	.3	.9	1.1	.8	.1	.3												32	32	65	79
36/ 35		.5	.6	.2														13	13	53	103
34/ 33		.4	.2	.3	.1													10	10	51	100
32/ 31		.4	.1	.1														6	6	17	123
30/ 29		.5	.1															6	6	14	74
28/ 27			.2															2	2	8	99
26/ 25																				5	59
24/ 23																					31
22/ 21																					36
20/ 19																					18
18/ 17																					10
16/ 15																					9
14/ 13																					5
12/ 11																					4
10/ 9																					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 0-26-3 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | MAY MONTH

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
TOTAL	.5	7.3	11.1	12.9	14.5	14.1	13.5	13.3	7.3	2.6	1.7	.1	.8	.2				930	930	930	930

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.	2764665	47831	51.4	18.109	930							
Dry Bulb	2530107	47851	51.5	8.558	930		1.4	3.0	.1			93
Wet Bulb	1691500	39318	42.3	5.610	930		4.4					93
Dew Point	1029811	30207	32.5	7.238	930		46.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70, 73-78 (YEARS) MAY (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
74/ 73										.1								1	1		
70/ 69									.2			.1	.1					4	4		
68/ 67										.3	.2	.5	.3					13	13		
66/ 65							.1	.3	.4	.3	.5							16	16		
64/ 63						.1	.4	.2	.4									11	11		
62/ 61					.4	.1	.3	.1	.3	.2								14	14		
60/ 59				.2	.3	.5	1.9	.5	.6	.2								41	41		
58/ 57				.2	.1	.8	2.8	1.8	.5	.1								59	59		
56/ 55			.1	.2	.3	1.8	3.0	2.6	.4									79	79	2	
54/ 53		.1	.8	.5	1.5	3.1	3.0	1.0	.2									95	95	12	
52/ 51		.1	.2	1.5	1.3	2.0	2.2	.6	.1									75	75	20	1
50/ 49		.0	1.2	2.3	1.8	2.7	1.2	.5										96	96	34	4
48/ 47		.6	1.8	1.3	3.0	1.9	.3	.2										86	86	61	17
46/ 45		.8	1.5	2.7	1.6	.6	.6	.1										74	74	127	10
44/ 43	.1	1.0	1.4	2.3	1.3	.3												59	59	136	37
42/ 41	.1	.6	2.2	2.7	1.0	.5												66	66	120	41
40/ 39	.3	1.3	1.6	1.1	.8	.2												49	49	151	59
38/ 37	.1	.4	1.3	.6	.3	.1												27	27	88	68
36/ 35	.2	.5	1.7	.5	.2	.3												33	33	63	96
34/ 33		.4	.4	.1														9	9	46	107
32/ 31		.5	.4	.1	.2													12	12	27	102
30/ 29		.8		.1														8	8	22	95
28/ 27			.1															1	1	14	105
26/ 25		.2																2	2	3	73
24/ 23																				4	31
22/ 21																					28
20/ 19																					24
18/ 17																					14
16/ 15																					9
14/ 13																					4
12/ 11																					2
10/ 9																					2
8/ 7																					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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70, 73-78 YEARS | MAY 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
TOTAL	.9	8.1	14.7	16.5	14.2	15.3	15.9	8.1	3.3	1.3	.8	.6	.4					930	930	930	930

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.	3061229	50755	54.6	17.707	930							
Dry Bulb	2300880	45646	49.1	8.070	930		2.3	1.8	.1			93
Wet Bulb	1591097	38123	41.0	5.523	930		7.0					93
Dew Point	997978	29742	32.0	7.098	930		49.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70, 73-78 YEARS | MAY MONTH

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				
74/ 73											.1	.1			.1			3	3		
72/ 71									.1	.1	.2	.1						5	5		
70/ 69									.2	.2	.2	.4						10	10		
68/ 67							.2	.1	.2	.2		.1						8	8		
66/ 65					.1	.2	.1	.5	.5	.3	.2							19	19		
64/ 63					.1	.2	.3	.6	1.1	.3								25	25		
62/ 61					.3	.3	.4	1.7	1.0	.1								36	36		
60/ 59					.2	.5	2.4	1.7	.8	.2								54	54		
58/ 57			.2	.5	.4	1.8	2.5	2.0	.8									77	77	4	
56/ 55				.6	.6	2.7	3.1	1.8	.1									84	84	7	
54/ 53			.3	1.2	1.7	2.6	3.0	.5	.1									88	88	12	
52/ 51		.3	.4	1.3	1.8	2.0	1.9	.8										80	80	35	2
50/ 49		.3	1.3	2.2	3.1	3.2	.6	.4										104	104	52	9
48/ 47		1.3	1.0	1.4	2.5	1.3	.4	.1										74	74	99	12
46/ 45		.3	.9	2.0	1.7	.4	.4											54	54	145	20
44/ 43		1.2	1.5	1.5	1.5	.4	.1											58	58	126	43
42/ 41	.1	.9	1.5	1.5	.8	.4												48	48	125	35
40/ 39		.6	.8	.9	.3	.3	.1											28	28	115	72
38/ 37		.6	1.4	.2	.5	.1												27	27	67	71
36/ 35		.3	1.2	.3	.1													18	18	47	113
34/ 33	.4	.4	.5	.1	.1													15	15	41	120
32/ 31		.2	.1	.2														5	5	24	109
30/ 29		.3	.3	.1														7	7	14	102
28/ 27			.1															1	1	9	85
26/ 25		.1	.1															2	2	6	57
24/ 23																				2	18
22/ 21																					19
20/ 19																					16
18/ 17																					16
16/ 15																					7
14/ 13																					1
10/ 9																					1
8/ 7																					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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70, 73-78 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
TOTAL	.5	7.0	11.6	14.1	16.0	16.7	15.7	10.4	4.8	1.5	.8	.8			.1			930	930	930	930

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.	2861437	49191	52.9	16.715	930							
Dry Bulb	2476612	47352	50.9	8.405	930		1.5	2.6	.3			93
Wet Bulb	1691737	39307	42.3	5.721	930		5.5					93
Dew Point	1057619	30703	33.0	6.881	930		43.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) MAY (MONTH)

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				
82/ 81												.1		.2				3	3		
80/ 79												.1	.2	.1	.2	.1		7	7		
78/ 77										.3		.2	.6	.6	.1			18	18		
76/ 75									.2	.2	.4	.3	.6	.3				20	20		
74/ 73									.4	.6	.3	1.6	.2					30	30		
72/ 71							.1	.2	.8	1.4	.9	.5	.1					37	37		
70/ 69					.1	.1	.1	.3	1.2	1.1	2.0	.8	.2					55	55		
68/ 67						.1	.2	.5	1.7	1.4	1.5	.4						55	55		
66/ 65					.1	.2	.6	1.2	1.4	2.3	.2	.2						58	58		
64/ 63					.2	.3	1.6	1.1	3.0	1.2	.3							72	72		
62/ 61				.1	.4	.6	1.2	2.9	2.2	.6								75	75	2	
60/ 59			.1	.1	1.1	1.3	2.4	3.1	1.4	.4								92	92	11	
58/ 57				.2	.6	2.5	2.2	1.1	.4	.1								66	66	14	
56/ 55				.2	1.0	1.4	1.6	.8	.2	.1								49	49	34	1
54/ 53		.1	.3	.3	1.3	.9	1.6	.6	.2									50	50	73	4
52/ 51		.3	.6	.4	1.4	.5	.3	.3	.1									38	38	105	5
50/ 49		.1	.5	.6	.8	1.2	.3	.4										37	37	123	7
48/ 47		.8	1.1	.6	.9	.6	.5	.1										43	43	161	25
46/ 45		.2	1.1	1.0	.9	.3	.2											34	34	120	45
44/ 43		.2	.4	.9	.8	.4	.2	.1										28	28	76	44
42/ 41		.5	.4	.3	.1		.1											14	14	59	59
40/ 39	.1	.9	.8	.4	.2		.2											24	24	45	106
38/ 37	.1	.1	.4	.1														7	7	45	90
36/ 35	.1		.1	.1														3	3	25	128
34/ 33	.3	.2	.2	.3														10	10	16	93
32/ 31		.2	.1	.1														4	4	7	106
30/ 29				.1														1	1	8	81
28/ 27																				4	41
26/ 25																				2	30
24/ 23																					20
22/ 21																					18
20/ 19																					12
18/ 17																					6
16/ 15																					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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24103 HILL AFB/OGDEN UTAH 67-70,73-78 MAY
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		
	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																					3
12/ 11																					2
10/ 9																					1
8/ 7																					1
TOTAL	.6	3.7	6.2	6.0	9.8	10.5	13.5	12.8	13.2	9.8	5.7	4.3	2.0	1.3	.3	.1		930	930	930	930

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.	2083325	40981	44.1	17.282	930							
Dry Bulb	3318020	54728	58.8	10.241	930		.5	22.5	7.8	.8		93
Wet Bulb	2044314	43238	46.5	6.036	930		2.1					93
Dew Point	1189510	32604	35.1	7.073	930		32.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70, 73-78 YEARS | MAY MONTH

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
86/ 85															.1			1	1		
84/ 83														.3	.1	.2	.4	10	10		
82/ 81												.2	.4	.1	.5	.8		19	19		
80/ 79										.1	.2	.8	.6	1.0	.9	.2		35	35		
78/ 77									.1	.2	.6	.6	.4	1.4	.3	.1		36	36		
76/ 75									.1	.2	1.1	1.6	1.4	1.2	.1			53	53		
74/ 73									.1	1.0	1.2	1.7	1.5	.4	.1			56	56		
72/ 71							.1	.1	.2	.8	2.5	1.6	1.7	.4				69	69		
70/ 69							.1	.3	1.0	1.6	1.7	1.2						55	55		
68/ 67							.2	1.4	1.6	2.3	1.8	1.3	.3					83	83		
66/ 65				.1	.1	.2	.8	1.5	1.9	2.2	1.1	.1	.1					75	75		
64/ 63					.1	.2	.6	1.5	1.7	.4	.4	.1						48	48		
62/ 61				.1		1.0	1.5	1.5	2.4	.9	.2							70	70	2	
60/ 59				.2	.1	.5	1.6	.6	1.0	.4	.3							45	45	15	
58/ 57				.1	.2	.9	.6	.3	.6	.3	.1							30	30	29	
56/ 55			.2	.4	1.0	.5	1.1	.9	.2									40	40	56	1
54/ 53			.1	.3	.5	.4	1.2	1.0	.2									35	35	104	1
52/ 51		.2	.1	.4	.4	.9	.9	.4	.2									33	33	152	4
50/ 49		.1	.4	.6	1.1	1.3	.4	.1										38	38	141	7
48/ 47		.2	.3	.2	.8	.1	.1											16	16	129	14
46/ 45		.4	.2	.5	.9	.4	.2											25	25	75	40
44/ 43		.1	.8	.3		.2	.3											16	16	51	52
42/ 41		.1	.2	.4			.1											8	8	59	73
40/ 39		.3	.3	.4														10	10	47	75
38/ 37		.5	.2	.2	.2													11	11	26	90
36/ 35	.2	.3	.3	.2	.1													11	11	18	103
34/ 33																				13	97
32/ 31		.2																2	2	8	103
30/ 29																				5	79
28/ 27																					64
26/ 25																					51
24/ 23																					31
22/ 21																					15
20/ 19																					8

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | MAY MONTH

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
18/ 17																					12
16/ 15																					6
12/ 11																					2
10/ 9																					2
TOTAL	.2	2.6	3.2	4.7	5.5	5.7	9.9	9.7	11.4	10.3	11.3	9.2	6.6	4.8	2.2	1.3	.4	930	930	930	930

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.	1547604	34396	37.0	17.063	930							
Dry Bulb	3866625	59073	63.5	11.094	930		.2	41.7	21.0	4.9		93
Wet Bulb	2175021	44635	48.0	5.940	930		1.3					93
Dew Point	1139915	31875	34.3	7.145	930		37.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | MAY 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
88/ 87																	.2	2	2		
86/ 85														.1		.1	.3	5	5		
84/ 83													.1	.4	.6	.3	.8	21	21		
82/ 81													.4	.5	.6	.8	.1	23	23		
80/ 79											.3	1.0	.4	1.0	1.2	.5		41	41		
78/ 77											.3	.9	1.4	.9	.9			40	40		
76/ 75										.1	.8	.6	2.2	2.4	.6			62	62		
74/ 73								.1	.1	.3	.9	1.6	1.6	.8	.1			51	51		
72/ 71							.1		.5	.9	1.7	2.3	1.5	.5				70	70		
70/ 69							.1	.3	1.3	1.5	.9	2.9	1.1	.3				78	78		
68/ 67							.3	.1	1.1	1.9	1.6	.5	.2					54	54		
66/ 65							.5	.3	2.3	2.4	1.1	.4	.1					66	66		
64/ 63					.1	.2	.8	1.7	1.6	1.7	1.1							67	67		
62/ 61						.8	.8	.9	1.2	1.2								44	44	1	
60/ 59				.2	.5	.6	.8	.2	1.3	.6	.2							42	42	9	
58/ 57				.2	.9	1.1	.6	.8	1.0	.8								49	49	27	
56/ 55			.3	.3	.4	.6	.6	.9	.3	.3								36	36	50	
54/ 53		.1	.1	.3	.2	.5	.9	.9	.4	.1								38	38	95	2
52/ 51		.2	.1		.5	.8	.6	.3	.1									25	25	145	1
50/ 49		.2	.4	.3	.8	.2	.2	.3										23	23	165	12
48/ 47		.2	.1	.2	.9	.2	.2											17	17	135	10
46/ 45		.1	.3	.8	.4	.4	.1	.3										23	23	77	27
44/ 43	.2	.1	.6	.3														13	13	59	38
42/ 41		.6	.2		.3													11	11	52	58
40/ 39		.2	.9	.2	.2	.1												15	15	50	69
38/ 37		.3	.5															8	8	24	81
36/ 35		.1	.1															2	2	20	101
34/ 33																				12	81
32/ 31		.3																3	3	5	102
30/ 29																				3	91
28/ 27																					90
26/ 25																					67
24/ 23																					36
22/ 21																					22

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 REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) MAY (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
20/ 19																					13
18/ 17																					13
16/ 15																					7
14/ 13																					5
10/ 9																					3
TOTAL	.2	2.6	3.9	2.9	5.8	5.6	6.7	7.1	11.2	11.8	8.8	10.2	9.0	6.9	4.1	1.7	1.4		929		929
																		929		929	

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.	1385527	31963	34.4	17.550	929							
Dry Bulb	4001233	60073	64.7	11.212	929		.3	44.7	24.5	6.9		93
Wet Bulb	2161020	44500	47.9	5.631	929		.8					93
Dew Point	1061705	30671	33.0	7.274	929		44.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION — HILL AFB/OGDEN UTAH STATION NAME — 67-70,73-78 YEARS — MAY 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															.1	.1		2	2		
82/ 81												.1	.1	.1	.2	.3	.1	9	9		
80/ 79												.2	.6	.2	.2			12	12		
78/ 77											.1	.6	.6	.8	.4			24	24		
76/ 75										.5	.3	.9	.3	.9				27	27		
74/ 73								.1		.5	1.1	1.1	1.1	.6				42	42		
72/ 71								.1	.2	.6	1.5	1.4	1.2	.2				49	49		
70/ 69							.2	.3	.9	1.4	1.5	2.2	.6	.2				68	68		
68/ 67						.1	.2	.4	1.6	1.6	2.5	1.3	.1					73	73		
66/ 65				.1		.2	.4	.6	2.4	1.9	1.0	.2						64	64		
64/ 63					.1	.4	.9	1.1	1.9	1.9	1.2	.2						72	72		
62/ 61				.1	.2	.5	.6	1.8	1.9	.9	.3							60	60		
60/ 59				.3	.2	.8	2.0	1.4	1.9	.3	.1							66	66	6	
58/ 57				.2	1.3	1.4	1.0	1.3	1.4	.3								64	64	13	1
56/ 55			.3		.8	1.2	.9	1.0	.3	.3								44	44	43	
54/ 53			.5	.6	1.2	.4	.6	1.3	.3	.1								48	48	62	2
52/ 51		.1	.2	1.0	1.0	1.0	.8	.4	.3									44	44	104	2
50/ 49		.1	.4	.8	.8	1.1	1.1	.2										41	41	143	11
48/ 47		.2	.4	.6	.6			.1										19	19	159	16
46/ 45			.5	.6	.4	.8	.2	.1										25	25	112	25
44/ 43	.3		.5	1.1	.3	.1												22	22	76	39
42/ 41		.5	.3	.3	.2	.1												14	14	61	59
40/ 39		.6	.6	.1	.3													16	16	57	79
38/ 37	.2	.1	.4	.2														9	9	43	89
36/ 35		.5	.5															10	10	22	98
34/ 33		.2	.1															3	3	18	88
32/ 31		.2																2	2	7	97
30/ 29		.1																1	1	3	96
28/ 27																				1	79
26/ 25																					59
24/ 23																					33
22/ 21																					25
20/ 19																					16
18/ 17																					4

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												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION — HILL AFB/OGDEN UTAH STATION NAME — (7-70,73-78 YEARS — MAY 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
16/ 15																					3
14/ 13																					7
12/ 11																					2
TOTAL	.5	2.8	5.1	6.1	7.4	8.1	8.9	10.3	13.2	9.5	9.6	8.2	4.7	3.0	1.0	.4	.1		930		930
																		930		930	

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	1770739	36891	39.7	18.189	930							
Dry Bulb	3532900	56484	60.7	10.495	930		.3	30.6	11.6	1.7		93
Wet Bulb	2049081	43333	46.6	5.682	930		1.1					93
Dew Point	1092516	31164	33.5	7.205	930		42.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 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
78/ 77													.1					1	1		
76/ 75											.1		.1		.2			4	4		
74/ 73											.1	.2		.4				7	7		
72/ 71										.6	.4	.1	.3					14	14		
70/ 69								.1	.6	.4	.4	.4	.2					21	21		
68/ 67						.1	.2	.2	1.1	1.1	1.4	.8	.1					46	46		
66/ 65						.1	.2	.8	1.9	1.3	1.2	.2	.1					54	54		
64/ 63					.1		.6	1.5	1.8	1.8	.5							60	60		
62/ 61				.3	.5	.4	1.4	1.1	1.7	1.5	.2							67	67		
60/ 59				.3	.3	1.3	1.9	3.8	2.3	.4								96	96	1	
58/ 57				.1	.9	.9	2.2	2.5	1.2	.5								76	76	3	
56/ 55		.1	.2		1.3	1.6	1.9	1.7	.1	.1								66	66	7	
54/ 53		.2	.5	1.2	1.6	1.9	1.5	.9	.3									76	76	34	3
52/ 51			.5	.9	1.1	1.7	.5	.3	.3									50	50	45	3
50/ 49		.6	.6	1.3	1.3	.8	.9	.9										59	59	98	8
48/ 47		.4	.9	1.0	1.4	.9	1.0	.3										54	54	146	15
46/ 45		.4	1.0	1.7	1.7	.2	.1											48	48	147	18
44/ 43		.5	1.3	.6	1.1	.4												37	37	135	34
42/ 41	.1	.8	.1	.4	.6	.4												23	23	94	62
40/ 39		.6	1.1	.3	.4	.2												25	25	57	66
38/ 37	.3	.8	1.5	.4	.2													30	30	62	84
36/ 35		.1	.1	.2														4	4	49	108
34/ 33		.3	.1															4	4	25	87
32/ 31		.6	.2															8	8	15	108
30/ 29																				11	98
28/ 27																				1	68
26/ 25																					57
24/ 23																					40
22/ 21																					32
20/ 19																					18
18/ 17																					11
16/ 15																					7
14/ 13																					3

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | MAY MONTH

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	.4	5.6	8.2	8.8	12.6	11.0	12.5	14.0	11.4	7.8	4.4	1.7	1.0	.4	.2			930	930	930	930

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.	2340641	43485	46.8	18.425	930		.8	9.3	1.2			93
Dry Bulb	2893640	51180	55.0	9.109	930		2.7					93
Wet Bulb	1834268	40988	44.1	5.470	930		44.2					93
Dew Point	1067103	30723	33.0	7.124	930							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70, 73-78 YEARS | MAY 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
88/ 87																	.0	2	2		
86/ 85														.0	.0	.0	.0	6	6		
84/ 83													.0	.1	.1	.1	.1	33	33		
82/ 81												.1	.1	.1	.2	.2	.0	54	54		
80/ 79										.0	.1	.3	.2	.3	.3	.1		95	95		
78/ 77									.0	.1	.1	.3	.4	.5	.2	.0		119	119		
76/ 75									.0	.1	.3	.4	.6	.6	.1			167	167		
74/ 73								.0	.1	.3	.5	.8	.6	.3	.0			190	190		
72/ 71							.0	.1	.2	.6	.9	.8	.6	.2				252	252		
70/ 69					.0	.0	.1	.2	.7	.8	.9	1.0	.3	.1				298	298		
68/ 67						.0	.2	.4	.9	1.1	1.2	.6	.1					346	346		
66/ 65				.0	.1	.1	.4	.7	1.4	1.4	.7	.1	.0					373	373		
64/ 63					.1	.2	.7	1.0	1.6	1.0	.5	.0						387	387		
62/ 61				.1	.3	.6	.8	1.6	1.5	.7	.1							417	417	5	
60/ 59			.0	.2	.4	.8	1.9	1.7	1.3	.4	.1							503	503	42	
58/ 57		.0	.0	.3	.6	1.3	1.7	1.5	1.0	.3	.0							501	501	91	1
56/ 55		.0	.2	.3	.8	1.5	1.9	1.5	.3	.1								482	482	206	3
54/ 53		.1	.4	.7	1.3	1.4	1.7	.9	.3	.0								503	503	407	13
52/ 51		.2	.4	.8	1.2	1.4	1.0	.5	.2									423	423	639	21
50/ 49		.3	.8	1.2	1.4	1.7	.6	.4										475	475	805	62
48/ 47		.6	.8	.8	1.6	.8	.3	.1										372	372	1003	119
46/ 45		.4	.8	1.5	1.1	.5	.4	.1										349	349	933	211
44/ 43	.1	.5	1.1	1.0	.9	.3	.1	.0										294	294	781	323
42/ 41	.1	.6	.8	.9	.5	.2	.0											228	228	715	443
40/ 39	.1	.7	.9	.6	.4	.1	.0											201	201	624	568
38/ 37	.1	.5	.9	.3	.2	.1												151	151	420	652
36/ 35	.1	.3	.6	.2	.1	.0												94	94	297	850
34/ 33	.1	.3	.2	.1	.0													51	51	222	773
32/ 31		.3	.1	.1	.0													42	42	110	850
30/ 29		.2	.1	.0														23	23	80	716
28/ 27			.1															4	4	37	631
26/ 25		.0	.0															4	4	16	453
24/ 23																				6	240
22/ 21																					195

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 7-70,73-78 YEARS | MAY 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
20/ 19																					125
18/ 17																					86
16/ 15																					50
14/ 13																					28
12/ 11																					12
10/ 9																					10
8/ 7																					4
TOTAL	.2	4.9	8.0	9.0	10.7	11.0	12.1	10.7	9.5	7.0	5.4	4.4	3.1	2.1	1.0	.4	.2		7439		7439
																		7439		7439	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 57 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	17818167	335493	45.1	19.009	7439							
Dry Bulb	24920017	422387	56.8	11.223	7439		7.3	156.2	66.6	14.3		744
Wet Bulb	15234038	333442	44.8	6.266	7439		24.9					744
Dew Point	8631157	247689	33.3	7.186	7439		340.0					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JUN (MONTH)

0000-0200 (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														.3				3	3		
80/ 79													.2	.2				4	4		
78/ 77										.1		1.2	.7	.1	.1			20	20		
76/ 75											.8	.3	.4	.2				16	16		
74/ 73									.2	.9	.7	.9	.1	.2				27	27		
72/ 71							.2	.6	.8	2.7	1.3	.4	.2					56	56		
70/ 69						.1	.3	1.1	1.9	2.5	1.6	.2	.1					70	70		
68/ 67					.4	.1	.8	.8	3.0	1.7	.8	.2						70	71		
66/ 65					.1	.6	.8	1.4	1.9	1.4								56	58		
64/ 63			.2	.1	.2	.4	2.7	1.7	1.9	.8		.1						73	73		
62/ 61		.1	.2	.7	.4	1.3	1.8	1.2	1.6			.2						68	68	3	
60/ 59			.2	.3	1.0	1.0	2.0	2.5	.9									71	71	10	1
58/ 57		.2			2.1	1.3	2.1	2.0	.2									72	72	25	5
56/ 55			.7	1.0	2.6	1.3	1.1	1.2										71	71	78	8
54/ 53		.3	1.2	2.6	.9	1.3	1.4	.1										71	71	100	3
52/ 51		.1	1.4	1.8	.8	.9	.8	.2										54	54	143	7
50/ 49		.2	1.1	.8	.7	.6	.1											31	31	131	23
48/ 47		.1	.9	.8	.4	.1	.3											24	24	140	34
46/ 45		.2	1.1	.3	.4													19	19	101	66
44/ 43		.3	.3	.2	.4													12	12	70	71
42/ 41				.2	.4													6	6	53	136
40/ 39				.1														1	1	26	114
38/ 37			.1															1	1	2	83
36/ 35																				11	87
34/ 33																				4	87
32/ 31																					65
30/ 29																					47
28/ 27																					21
26/ 25																					26
24/ 23																					6
22/ 21																					1
20/ 19																					3
18/ 17																					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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JUN MONTH

PAGE 2 | 0000-0200 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																					2
TOTAL		1.7	7.6	8.9	11.0	9.1	14.5	12.8	12.4	10.0	5.1	3.7	1.8	1.1	.1	.1			900		897
																		897		897	

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	2131233	41143	45.9	16.506	897							
Dry Bulb	3419349	54951	61.1	8.452	900			26.8	7.1	.5		90
Wet Bulb	2166474	43864	48.9	4.897	897							90
Dew Point	1358026	34390	38.3	6.644	897		17.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JUN 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
80/ 79																.1		1	1		
78/ 77											.1					.1		2	2		
76/ 75											.1	.4	.2	.1				8	8		
74/ 73								.1	.4	.3	.3	.6	.3	.1				20	20		
72/ 71								.1	.2	.7	.8	.2	.4					22	22		
70/ 69						.1	.2	.4	1.6	1.4	.4	.3						41	41		
68/ 67						.2	.3	.7	3.2	2.1	.4	.1						64	64		
66/ 65				.2		.6	.7	2.0	1.6	.8	.6	.1						58	58		
64/ 63			.1	.3	.1	.9	.8	2.5	1.3	.4								58	58		
62/ 61			.4	.1	.2	1.7	1.8	1.9	1.3	.1	.1							69	70		
60/ 59			.2	.3	1.1	1.8	2.0	2.2	.4		.1							74	75	8	
58/ 57		.2	.1	1.0	2.5	1.1	1.2	2.0	.1									74	75	22	
56/ 55		.1	.2	.7	2.1	2.5	2.6	1.0										82	82	31	12
54/ 53			.8	2.0	2.1	2.2	1.4	.2										79	79	63	3
52/ 51			1.6	3.2	.7	1.9	.8	.1										74	74	119	4
50/ 49		.4	2.6	1.3	1.2	1.4	.2											65	65	143	24
48/ 47		.2	1.2	.9	.8	.6	.1											34	34	134	33
46/ 45		.1	1.6	1.0	1.3	.4												40	40	147	51
44/ 43		.9	.2	.4	.2													16	16	82	61
42/ 41			.3	.3	.4													10	10	70	133
40/ 39				.4	.1													5	5	40	119
38/ 37			.1															1	1	20	85
36/ 35																				8	83
34/ 33																				10	93
32/ 31																					75
30/ 29																					47
28/ 27																					34
26/ 25																					24
24/ 23																					8
22/ 21																					3
20/ 19																					3
18/ 17																					2
TOTAL		2.0	9.5	12.4	12.9	15.4	12.2	13.3	10.3	5.9	3.0	1.8	1.0	.2		.2		897	900	897	397

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	2438806	44432	49.5	16.295	897							
Dry Bulb	3085822	52204	58.0	8.015	900			15.8	3.1	.1		90
Wet Bulb	2036118	42508	47.4	4.922	897							90
Dew Point	1315785	33849	37.7	6.552	897		19.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 7-70,73-78 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
82/ 81												.1	.2	.1				4	4		
80/ 79												.1	.1	.1				3	3		
78/ 77										.1		.3		.1				5	5		
76/ 75								.1	.2	.1	.6	.4	.1	.1				15	15		
74/ 73							.1	.2	.2	1.1	.8	.8						29	29		
72/ 71							.3	1.0	.4	1.6	1.2	.1	.1					43	43		
70/ 69		.1			.2	.1	.2	.9	1.6	1.5	.6	.3						49	49		
68/ 67			.1			.2	1.3	2.1	2.6	1.3	.1							70	70	1	
66/ 65				.1	.1	.6	1.7	1.9	2.6	.8								69	70	1	1
64/ 63			.1	.2	.3	1.1	1.6	1.8	1.3	.2								60	60		1
62/ 61			.1	.3	1.2	2.7	2.2	1.9	1.9									93	94	6	
60/ 59				.6	1.8	1.7	2.0	1.1	.6		.1							70	72	16	
58/ 57		.1		.6	1.8	1.8	2.5	1.9	.2									79	79	22	3
56/ 55			.2	1.7	1.6	1.5	2.0	.9										70	70	69	6
54/ 53			1.0	2.0	1.5	1.6	1.0	.2										65	65	115	6
52/ 51		.2	.9	1.9	1.3	1.1	.9	.1										58	58	127	11
50/ 49		.4	.8	1.6	1.1	1.2	.1											47	47	135	28
48/ 47		.2	1.0	.7	.2	.3												22	22	127	55
46/ 45		.3	1.0	.7	.4	.6												27	27	100	72
44/ 43		.4	.1	.1	.7													12	12	79	81
42/ 41			.2		.4													6	6	48	127
40/ 39																				28	118
38/ 37																				11	88
36/ 35																				8	86
34/ 33																				3	76
32/ 31																					52
30/ 29																					38
28/ 27																					24
26/ 25																					15
24/ 23																					6
22/ 21																					1
18/ 17																					1
TOTAL		1.9	5.6	10.4	12.7	14.4	16.0	14.2	11.6	6.7	3.3	2.2	.6	.4				896	900	896	596

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.	2276822	43144	48.2	14.925	896							
Dry Bulb	3317374	54156	60.2	8.075	900			21.8	5.6	.5		90
Wet Bulb	2169845	43853	48.9	5.129	896			.1				90
Dew Point	1415349	35139	39.2	6.454	896		13.8					90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JUN 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
94/ 93																	.2	2	2		
92/ 91															.1	.1	.2	4	4		
90/ 89															.3	.2		5	5		
88/ 87															.3	.3	.1	7	7		
86/ 85												.2	.3	.6	.4	.2	.1	17	17		
84/ 83									.1		.3	.6	1.3	1.1	.4	.2		37	37		
82/ 81									.1	.1	.3	.9	1.6	.4	.2	.1		34	34		
80/ 79								.1		.4	1.0	2.1	1.4	.8	.3	1		57	57		
78/ 77			.1			.1		.2	.7	.7	2.4	1.1	1.0	.9	.1			66	66		
76/ 75							.2	.7	.7	1.3	2.1	2.0	.4					67	67		
74/ 73			.2			.1	.2	.3	1.0	2.2	2.0	.3	.2					60	60	1	
72/ 71					.1		.2	1.1	2.8	1.3	2.2	.6	.1					76	76		1
70/ 69						.1	1.0	1.7	1.8	1.1	.8	.1						59	60	2	
68/ 67				.1	.3	.3	.8	1.3	1.6	1.2	.2							53	53	3	2
66/ 65				.1	.2	1.0	1.1	.9	1.4	1.1								53	53	3	
64/ 63				.1	.1	.4	1.4	1.2	1.6									44	44	15	
62/ 61					.2	1.4	.8	1.3	1.0	.2								45	45	36	2
60/ 59				.4	1.0	.7	.7	1.0	1.0	.3								46	46	92	5
58/ 57			.3	1.2	.7	.8	1.2	1.0	.3									50	50	119	4
56/ 55			.3	.9	1.2	.6	.4	.7										37	37	118	8
54/ 53			1.1	.7	.6	.6	.2	.1										29	29	130	15
52/ 51		.1	.1	.7	.4	.3	.1											16	16	112	33
50/ 49		.2	.4	.8	.2	.2	.1											18	18	94	46
48/ 47		.1	.1			.3												5	5	56	75
46/ 45		.3	.2		.1													6	6	50	128
44/ 43		.3																3	3	39	110
42/ 41		.3																3	3	21	104
40/ 39																				4	89
38/ 37																				4	81
36/ 35																					61
34/ 33																					43
32/ 31																					44
30/ 29																					22
28/ 27																					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 OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JUN MONTH

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
26/ 25																						11
24/ 23																						2
22/ 21																						1
TOTAL		1.4	3.0	5.0	5.2	7.0	8.6	11.7	14.0	10.1	11.5	7.9	6.5	3.8	2.3	1.3	.7			900		899
																			899		899	

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.	1654267	35881	39.9	5.729	899							
Dry Bulb	4360497	61983	68.9	10.101	900			54.5	35.6	14.0	.2	90
Wet Bulb	2574885	47859	53.2	5.491	899			.6	.1			90
Dew Point	1598638	37416	41.6	6.790	899		9.2	.3				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70, 73-78 YEARS | JUN 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
98/ 97																	.6	5	5		
96/ 95																	1.0	9	9		
94/ 93																.1	1.7	16	16		
92/ 91																.1	1.2	12	12		
90/ 89													.1	.4	.7	1.0	1.7	35	35		
88/ 87											.1	.2	.7	.7	1.4	1.1	1.3	50	50		
86/ 85										.1	.1	.2	1.3	1.3	1.6	1.1	.2	54	54		
84/ 83											.2	.9	.8	1.0	.8	1.7	1.1	58	58		
82/ 81									.2		.6	1.0	1.7	2.0	1.3	1.2		72	73		
80/ 79								.2	.2	.4	.7	1.1	2.3	1.2	1.1			66	66		
78/ 77					.1		.1		.4	.7	1.0	1.9	1.6	1.1	.2			64	64		
76/ 75								.3	.2	1.1	1.3	1.4	1.3					52	52		
74/ 73							.1	.2	1.0	.9	1.3	1.3		.1				45	45		
72/ 71							.2		.8	1.2	1.0	.2	.2					33	33		
70/ 69						.1	.2	.8	1.6	1.0	.4	.7						43	43	1	
68/ 67							.6	1.6	1.0	1.2	1.1	.1						50	50	4	
66/ 65				.1		.3	.9	1.0	.3	.8	.7	.2						39	39	10	1
64/ 63					.1	.4	1.2	.2	1.1	1.1	.2							40	40	25	
62/ 61			.1	.2	.4	.4	.3	.8	1.0	.6	.2							37	37	64	1
60/ 59			.2	.3	1.0	1.0	.4	.6	.3									35	35	81	4
58/ 57			.1	.2	.7	.4	.3		.1									17	17	120	6
56/ 55			.2	.9	.2	.7	.4		.2									24	24	156	3
54/ 53			.2	.2		.6		.6										14	14	139	18
52/ 51			.3	.3	.1	.1	.1											9	9	107	21
50/ 49			.1	.2	.2		.1											6	6	54	47
48/ 47		.1	.2	.1														4	4	57	46
46/ 45		.1	.1	.1														3	3	42	90
44/ 43		.3		.1														4	4	21	98
42/ 41		.1	.1															2	2	6	106
40/ 39		.1																1	1	10	90
38/ 37																				2	79
36/ 35																					83
34/ 33																					67
32/ 31																					61

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JUN 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
30/ 29																					38
28/ 27																					15
26/ 25																					14
24/ 23																					7
22/ 21																					2
20/ 19																					1
18/ 17																					1
TOTAL		.8	1.8	2.9	2.9	4.1	5.1	6.2	8.6	9.1	9.0	9.3	10.0	7.9	7.1	6.3	8.8		900		899
																		899		899	

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.	1142713	28893	32.1	15.465	899							
Dry Bulb	5087127	66887	74.3	11.367	900			66.5	53.9	35.3	3.0	90
Wet Bulb	2668261	48743	54.2	5.324	899			.5				90
Dew Point	1483918	35974	40.0	7.031	899		13.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JUN 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
100/ 99																	.1	1	1		
98/ 97																	1.1	10	10		
96/ 95																	1.2	11	11		
94/ 93																.2	1.8	18	18		
92/ 91														.1	.1	.9	2.6	33	33		
90/ 89														.3	.8	1.1	2.0	38	38		
88/ 87												.2	.4	.7	1.1	1.2	2.0	51	51		
86/ 85											.2	.2	.4	.8	.6	1.4	1.7	48	49		
84/ 83											.2	.7	.8	2.2	1.5	2.4	1.2	82	83		
82/ 81									.1		.6	.8	1.7	1.2	1.6	1.1	.2	65	65		
80/ 79										.1	.2	.7	2.1	1.7	1.8	.6		64	64		
78/ 77									.4	.8	1.0	1.2	1.6	.6	.1			51	51		
76/ 75									.1	.7	.9	1.6	1.2	.1	.4			45	45		
74/ 73					.1	.1		.1	.7	.7	.8	1.4	.6	.1				41	41		
72/ 71					.1			.2	.7	.6	.4	1.1						28	28		
70/ 69								.2	.9	1.4	1.2	.8	.6					46	46		
68/ 67					.2		.3	.8	1.0	1.0	1.0	.6	.1					47	47		
66/ 65					.1	.3	.6	1.0	.6	1.3	.7	.2						43	43	11	
64/ 63					.3	.2	.9	1.2	.8	1.2	.4	.2						48	48	22	
62/ 61					.1	1.4	.7	.6	.1									26	26	45	1
60/ 59				.3	.8	.4	.6	.2										21	21	71	3
58/ 57			.1	.3	1.0	.4	.4	.2										23	23	130	
56/ 55		.1	.3	.6	.1	.1	.3	.1	.2	.2								19	19	139	5
54/ 53		.2	.1		.2	.3	.1	.1	.1									11	11	155	9
52/ 51			.1	.3	.1	.2												7	7	128	15
50/ 49		.3	.1	.3	.1	.1												9	9	71	38
48/ 47			.7		.1													7	7	56	49
46/ 45		.1				.1												2	2	35	69
44/ 43			.1		.1													2	2	17	76
42/ 41																				9	91
40/ 39		.1																1	1	4	90
38/ 37																				4	97
36/ 35																				1	100
34/ 33																					86

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 0-20-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JUN (MONTH)

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

Temp (F)	WET BULB TEMPEPATURE 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
32/ 31																					62
30/ 29																					46
28/ 27																					26
26/ 25																					16
24/ 23																					7
22/ 21																					5
20/ 19																					4
18/ 17																					3
TOTAL		.9	1.6	1.9	3.6	3.9	3.9	4.8	5.7	6.0	7.7	9.9	9.5	7.8	8.0	9.0	3.9	898	900	898	898

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	1002938	26968	29.61	1.550	898							
Dry Bulb	5258143	68001	75.61	1.564	900			68.1	56.0	38.8	4.0	90
Wet Bulb	2632612	48412	53.9	5.028	898							90
Dew Point	1381106	34644	38.6	7.049	898		16.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION — HILL AFB/OGDEN UTAH STATION NAME — 67-70,73-78 YEARS — JUN 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																	.3	3	3		
94/ 93																	.8	7	7		
92/ 91															.1	.2	.8	10	10		
90/ 89														.1	.3	.8	.9	19	19		
88/ 87													.2	.3	1.0	.9	.6	27	27		
86/ 85												.6	.1	.8	1.2	.8	.8	38	38		
84/ 83											.1	.7	.7	1.6	1.6	.8	.2	50	50		
82/ 81									.1		.8	1.0	2.0	1.9	1.2	.7	.2	71	71		
80/ 79									.1	.1	.6	1.1	2.6	1.4	.8	.3		63	63		
78/ 77								.2	.2	.3	1.1	1.0	2.0	1.0	.1			54	54		
76/ 75									.7	.4	1.8	2.0	2.0	.2	.1			70	70		
74/ 73					.2	.2		.1	.6	1.2	1.6	1.3	.7					53	53		
72/ 71					.1		.1	.3	1.3	1.4	1.6	.7	.1	.1				52	52		
70/ 69					.1		.1	.8	1.7	1.1	1.7	.4	.1					54	55		
68/ 67						.1	.2	.3	1.3	1.7	.3	.4						40	41		
66/ 65				.1		.3	.7	.9	.4	.8	.9	.4	.1					42	42	4	
64/ 63			.1	.1	.1	.4	1.2	.8	.8	.7	.7							44	44	21	
62/ 61				.2	.6	1.1	.6	.9	.8	.3	.1							41	41	27	2
60/ 59				.2	1.0	.8	.8	.4	.6	.2								36	36	71	3
58/ 57			.1	.8	.6	.8	.2	.1										23	23	106	4
56/ 55		.1	.4	1.1	.9	.4	.4		.1									32	32	148	5
54/ 53			.8	.7	.1	.3		.1										18	18	142	3
52/ 51			.6	.6	.3	.4	.3	.1										21	21	126	24
50/ 49		.3	.2	.4	.1		.2											12	12	97	33
48/ 47		.2	.4	.6														11	11	57	44
46/ 45		.1	.2	.1		.1												5	5	46	83
44/ 43			.1		.1													2	2	35	93
42/ 41																				7	126
40/ 39																				6	95
38/ 37																				4	88
36/ 35																				1	87
34/ 33																					82
32/ 31																					38
30/ 29																					24

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 7-70,73-78 YEARS | JUN 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
28/ 27																					20
26/ 25																					18
24/ 23																					17
22/ 21																					5
20/ 19																					3
18/ 17																					1
TOTAL		.8	3.0	4.9	4.2	5.1	4.9	5.1	8.7	8.4	11.1	10.2	10.6	7.5	6.5	4.5	4.6	898	900	898	898

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	1300241	30755	34.2	16.592	898							90
Dry Bulb	4745030	64590	71.8	11.042	900			61.3	46.5	25.1	1.0	90
Wet Bulb	2557570	47704	53.1	5.109	898							90
Dew Point	1434431	35347	39.4	6.932	898		12.6					90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JUN 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
86/ 85																.3	.2	5	5		
84/ 83														.4	.8	.2		13	13		
82/ 81												.1	.6	.8	.3			16	16		
80/ 79									.1	.2	.1	.9	1.7	.9	.2			37	37		
78/ 77									.2	.3	.8	1.6	1.2	.1	.1			39	39		
76/ 75									.1	.9	1.7	2.8	.7	.4				59	59		
74/ 73							.1	.2	1.0	1.2	1.6	1.4	.7	.1				57	57		
72/ 71						.2		.7	.6	1.8	1.9	1.9	.2					65	65		
70/ 69					.1		.4	.9	1.7	1.8	2.1	.7	.1					70	70		
68/ 67		.1		.1	.1		.4	1.3	1.9	2.5	.9	.3						69	71		
66/ 65						.4	1.4	1.7	2.0	.8	.7							63	64	1	
64/ 63			.2	.3		.8	1.1	1.1	1.9	.7	.1							56	56	1	1
62/ 61			.1		.4	1.4	1.3	1.6	.9	.1								53	53	10	
60/ 59			.1	.2	1.3	1.1	1.0	1.0	1.0	.3								55	55	18	
58/ 57				.1	1.3	.8	1.1	1.4	.3									46	46	61	5
56/ 55			.9	1.7	1.4	.6	1.2	1.0										61	61	117	6
54/ 53		.1	1.2	1.9	.4	.6	.3	.1										42	42	119	5
52/ 51		.2	1.0	1.3	1.0	.2	.2											36	36	140	5
50/ 49		.1	.4	1.0	.8	.1	.2											24	24	160	19
48/ 47		.1	.4	.3	.1	.3												12	12	110	41
46/ 45		.2	.9		.1	.2												13	13	60	84
44/ 43		.1	.1			.1												3	3	55	108
42/ 41																				29	103
40/ 39			.1															1	1	5	108
38/ 37			.2															2	2	5	97
36/ 35																				4	94
34/ 33																				2	73
32/ 31																					57
30/ 29																					41
28/ 27																					21
26/ 25																					19
24/ 23																					6
22/ 21																					4

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JUN 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
TOTAL		1.0	5.8	7.0	7.2	6.9	9.0	11.0	11.7	10.6	9.8	9.7	5.1	2.8	1.4	.6	.2	897	900	897	897

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. OLs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1763666	36812	41.0	10.802	897							
Dry Bulb	3914493	58741	65.3	9.469	900			43.2	22.6	5.0		90
Wet Bulb	2326317	45477	50.7	4.804	897							90
Dew Point	1391660	34868	38.9	6.363	897		14.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70, 73-78 YEARS | JUN 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
100/ 99																	.0	1	1		
98/ 97																	.2	15	15		
96/ 95																	.3	23	23		
94/ 93																.0	.6	43	43		
92/ 91														.0	.0	.2	.6	59	59		
90/ 89													.0	.1	.3	.4	.6	97	97		
88/ 87											.0	.1	.2	.2	.3	.4	.5	135	135		
86/ 85										.0	.0	.2	.3	.4	.5	.5	.4	162	163		
84/ 83									.0		.1	.3	.4	.8	.6	.7	.3	241	242		
82/ 81									.1	.0	.3	.5	1.0	.8	.6	.4	.1	265	266		
80/ 79								.0	.1	.2	.3	.8	1.3	.8	.5	.1		295	295		
78/ 77			.0		.0	.0	.0	.1	.3	.4	.8	1.0	1.0	.5	.1	.0		301	301		
76/ 75							.0	.1	.3	.6	1.2	1.4	.8	.2	.1			332	332		
74/ 73			.0		.0	.1	.1	.2	.6	1.1	1.1	1.0	.3	.1				332	332	1	
72/ 71					.0	.0	.1	.5	.9	1.4	1.3	.7	.2	.0				375	375		1
70/ 69		.0			.1	.1	.3	.8	1.6	1.5	1.1	.4	.1					432	434	3	
68/ 67		.0	.0	.0	.1	.1	.6	1.1	1.9	1.6	.6	.3	.0					463	467	8	2
66/ 65				.1	.1	.5	1.0	1.4	1.4	1.0	.4	.1	.0					423	427	30	2
64/ 63			.1	.2	.2	.6	1.4	1.3	1.3	.6	.2	.0						423	423	84	2
62/ 61		.0	.1	.2	.5	1.4	1.2	1.3	1.1	.2	.1	.0						432	434	191	6
60/ 59			.1	.3	1.1	1.1	1.2	1.1	.6	.1	.0							408	411	367	16
58/ 57		.1	.1	.5	1.3	.9	1.1	1.1	.2									384	385	605	27
56/ 55		.0	.4	1.1	1.3	.9	1.1	.6	.1	.0								396	396	856	53
54/ 53		.1	.8	1.3	.7	.9	.6	.2	.0									329	329	963	62
52/ 51		.1	.8	1.3	.6	.7	.4	.1										275	275	1002	120
50/ 49		.3	.7	.8	.6	.5	.1											212	212	885	258
48/ 47		.1	.6	.4	.2	.2	.1											119	119	737	377
46/ 45		.2	.6	.3	.3	.2												115	115	581	643
44/ 43		.3	.1	.1	.2	.0												54	54	398	698
42/ 41		.1	.1	.1	.2													27	27	243	926
40/ 39		.0	.0	.1	.0													9	9	123	823
38/ 37			.1															4	4	52	698
36/ 35																				33	681
34/ 33																				19	607

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JUN 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
32/ 31																					454
30/ 29																					303
28/ 27																					173
26/ 25																					143
24/ 23																					59
22/ 21																					22
20/ 19																					14
18/ 17																					9
14/ 13																					2
TOTAL		1.3	4.7	6.7	7.5	8.2	9.3	9.9	10.4	8.6	7.6	6.9	5.6	3.9	3.2	2.8	3.5		7200		7181
																		7181		7181	

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.	13710686	287618	40.1	17.468	7181							
Dry Bulb	33187835	481513	66.9	11.702	7200			358.0	230.4	119.3	8.2	720
Wet Bulb	19132082	368420	51.3	5.664	7181			1.2	.1			720
Dew Point	11378913	281627	39.2	6.820	7181		118.2	.3				720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JUL MONTH

PAGE 1 | 0000-0200 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		2	2		
86/ 85															.1		.1	2	2		
84/ 83															.1	.1	.3	5	5		
82/ 81										.2	.5	.3	.3	.5		.1		19	19		
80/ 79								.1	.2	.4	1.0	.9	.6	.5	.2	.2	.2	41	41		
78/ 77						.1	.2	.1	.2	.8	2.5	2.4	1.9	.3				79	79		
76/ 75							.1	.9	1.3	2.3	2.0	1.8	.5					83	83		
74/ 73					.1	.2	.8	1.5	1.8	4.7	2.6	1.7			.1			126	126		
72/ 71					.2	.2	1.3	1.7	3.2	3.1	3.0	.5	.1	.1				126	126		
70/ 69					.2	1.9	1.7	3.0	3.4	2.4	1.0	.4		.2				133	133		
68/ 67			.1	.4	1.0	1.1	2.2	2.6	1.2	1.8	.5	.2						103	103	3	
66/ 65				.6	2.0	.9	1.5	1.6	1.5	1.0	.2	.1						88	88	2	
64/ 63		.2	.2	.6	.8	1.0	.3	.9	1.0	.3	.2							51	51	18	1
62/ 61	.1	.2	.2	.4	.6	.3	.5	.4	.3	.1	.1							32	32	44	8
60/ 59				.5	.1	.1	.3	.1	.2									13	13	108	4
58/ 57			.1	.2		.2	.4	.5										14	14	160	14
56/ 55		.1	.1	.2				.3	.1									8	8	206	32
54/ 53			.2				.2	.1										5	5	163	46
52/ 51																				109	62
50/ 49																				58	64
48/ 47																				28	83
46/ 45																				17	125
44/ 43																				7	91
42/ 41																				6	81
40/ 39																				1	76
38/ 37																					93
36/ 35																					59
34/ 33																					29
32/ 31																					26
30/ 29																					8
28/ 27																					8
26/ 25																					6
24/ 23																					6
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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JUL MONTH

0000-0200 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
20/ 19																					2
16/ 15																					2
TOTAL	.1	.5	1.0	3.1	5.1	6.0	9.6	13.9	14.5	17.1	13.7	8.4	3.5	1.7	.6	.5	.6	930	930	930	930

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.	1639750	36852	39.6	13.899	930							
Dry Bulb	4674315	65721	70.7	5.679	930			71.9	35.7	4.7		93
Wet Bulb	2828201	51143	55.0	4.114	930			.3				93
Dew Point	1809933	40431	43.5	7.498	930		6.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JUL 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
82/ 81											.1		.1	.1	.1	.3		7	7		
80/ 79										.1	.1	.1	.1	.1	.5	.2	.1	13	13		
78/ 77								.1	.2	.2	.3	.9	.3	.2				21	21		
76/ 75						.1	.2	.3	.3	1.7	1.0	.5	.6					45	45		
74/ 73						.1	.6	.8	1.0	1.5	1.9	.6			.1			62	62		
72/ 71						.5	.9	2.3	3.9	2.4	1.9	.2						112	112		
70/ 69					.2	1.2	2.4	2.5	3.1	3.8	1.3			.1				135	135		
68/ 67			.2	.3	1.0	1.5	2.0	4.3	2.4	2.6	.4			.1				138	138	1	
66/ 65			.1	.6	1.5	1.8	3.7	2.5	1.9	1.0	.2	.1						125	125	1	
64/ 63		.1	.2	1.0	1.9	2.2	2.9	1.1	1.5	.4								105	105	7	3
62/ 61		.1	.4	1.0	1.1	1.0	.9	1.8	.9	.1								67	67	31	1
60/ 59			.1	.8	.6	.5	1.5	.4	.6	.3								46	46	63	6
58/ 57			.1	.4		.3	1.0	.4	.1									22	22	123	9
56/ 55			.1	.3	.1	.1	.6	.2										14	14	169	35
54/ 53		.1	.4	.1		.3	.2											11	11	193	35
52/ 51			.1		.1		.1	.3										6	6	154	62
50/ 49							.1											1	1	81	59
48/ 47																				51	89
46/ 45																				31	96
44/ 43																				14	124
42/ 41																				6	70
40/ 39																				5	75
38/ 37																					78
36/ 35																					87
34/ 33																					30
32/ 31																					37
30/ 29																					8
28/ 27																					10
26/ 25																					5
24/ 23																					6
22/ 21																					1
20/ 19																					2
18/ 17																					1
16/ 15																					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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JUL 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
TOTAL		.3	1.8	4.5	6.6	9.7	17.1	17.0	15.9	14.1	7.3	2.5	1.2	.6	.8	.5	.1	930	930	930	930

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	1912489	40199	43.2	13.721	930							93
Dry Bulb	4247016	62602	67.3	5.493	930			53.3	14.8	1.1		93
Wet Bulb	2686255	49825	53.6	4.261	930			.1				93
Dew Point	1765508	39938	42.9	7.366	930		7.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 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
84/ 83													.1	.1	.1			3	3		
82/ 81										.1	.1		.2	.1	.1			6	6		
80/ 79									.2	.2	.6	.1	.3	.2	.2			18	18		
78/ 77							.1	.2	.5	.6	1.6	.1	.4	.2		.1		37	37		
76/ 75							.1	.5	.8	2.0	2.0	1.2	.1					63	63		
74/ 73						.6	.3	1.4	1.9	2.2	1.8	.5	.1					83	83		
72/ 71						1.3	1.1	3.0	3.4	3.4	1.2	.1	.1					127	127		
70/ 69				.2	.9	1.2	2.0	3.8	2.7	2.2	.4							124	124		
68/ 67			.2	.2	1.0	1.8	2.8	3.3	3.4	1.2	.3	.2						135	135		
66/ 65				1.0	1.6	2.6	3.3	2.9	2.5	.9		.1						138	138	3	
64/ 63		.1	.3	.2	.8	2.2	1.4	1.8	.6	.2								71	71	16	2
62/ 61		.1	.1	1.1	1.0	.9	.9	1.5	.6									57	57	45	1
60/ 59			.4	.5	.6	.1	1.1	.3	.3									32	32	97	7
58/ 57			.1	.1	.1	.4	.6	.5	.2									20	20	148	16
56/ 55			.1	.1	.1	.1	.2											6	6	193	40
54/ 53		.1		.1		.2	.2											6	6	174	44
52/ 51				.1			.1											2	2	115	74
50/ 49					.1		.1											2	2	65	68
48/ 47																				40	115
46/ 45																				21	104
44/ 43																				9	107
42/ 41																				2	72
40/ 39																				1	86
38/ 37																				1	85
36/ 35																					46
34/ 33																					22
32/ 31																					22
30/ 29																					6
28/ 27																					6
26/ 25																					4
24/ 23																					2
22/ 21																					1
TOTAL		.3	1.3	3.7	6.1	11.4	14.4	19.4	17.3	13.0	8.2	2.4	1.4	.6	.4	.1		930	930	930	930

Element (Y)	$\Sigma_{X'}$	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.	1910627	40485	43.5	12.631	930							
Dry Bulb	4385558	63660	68.5	5.483	930			59.6	21.0	1.6		93
Wet Bulb	2794763	50835	54.7	4.157	930							93
Dew Point	1875769	41285	44.4	6.805	930		4.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) JUL (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
92/ 91														.1	.2	.1	.4	8	8		
90/ 89													.2	.9	.8	.2	.3	22	22		
88/ 87									.1	.1	.1	.2	1.3	1.4	1.0	.4	.1	44	44		
86/ 85									.1	.1	.3	1.7	2.6	2.5	1.2	.6	.1	86	86		
84/ 83										.4	1.5	2.4	2.5	2.3	.4	.2	.2	92	92		
82/ 81								.1	.5	1.4	3.8	3.2	1.7	1.0		.2		111	111		
80/ 79								.9	1.0	3.1	3.0	3.2	1.3	.1	.3			120	120		
78/ 77							.4	1.6	2.3	3.5	1.9	2.6	.6		.1			122	122		
76/ 75						.1	1.4	2.0	1.7	2.4	2.3	1.1	.2	.1				105	105		
74/ 73						.5	.8	1.4	1.8	1.3	.6	.5	.2	.1				68	68		
72/ 71					.2	.2	.9	1.8	1.1	1.4	.4							56	56	1	
70/ 69						1.3	.9	.9	.5	.4	.5	.1						43	43	2	
68/ 67			.1	.1	.2	.2	.2	.4	.4	.5	.1							22	22	5	
66/ 65			.2		.3	.1	.1		.3	.1								11	11	39	
64/ 63		.2			.2	.1		.1	.2	.1								9	9	133	5
62/ 61		.2	.1	.1		.1	.1	.2										8	8	196	4
60/ 59				.2		.1												3	3	209	13
58/ 57																				168	36
56/ 55																				84	58
54/ 53																				44	73
52/ 51																				27	117
50/ 49																				19	138
48/ 47																				2	112
46/ 45																				1	98
44/ 43																					79
42/ 41																					76
40/ 39																					51
38/ 37																					19
36/ 35																					22
34/ 33																					15
32/ 31																					7
30/ 29																					2
28/ 27																					5

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/LGDEN UTAH STATION NAME | 67-70,73-76 YEARS | JUL 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
TOTAL		.4	.4	.4	1.0	2.8	4.7	9.5	10.1	14.9	14.6	15.1	10.6	8.4	4.0	1.8	1.2	930	930	930	930

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.	1268423	32703	35.2	1.291	930							
Dry Bulb	5760473	72977	78.5	6.048	930			89.9	77.8	43.0		93
Wet Bulb	3287842	55192	59.3	3.654	930			.8				93
Dew Point	2136191	44191	47.5	6.256	930		1.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 7-70,73-78 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
100/ 99																	.1	1	1		
98/ 97																	.3	3	3		
96/ 95																.2	1.6	17	17		
94/ 93													.1	.2	.5	1.7	4.3	64	64		
92/ 91										.1				.6	1.7	3.3	4.2	93	93		
90/ 89												.2	.5	1.7	3.5	2.9	4.5	125	125		
88/ 87											.2	1.1	2.6	2.3	3.7	2.3	1.8	129	129		
86/ 85										.3	1.3	2.7	3.2	3.4	1.4	.9	.8	130	130		
84/ 83										1.0	1.2	3.5	2.3	.9	.8	.2	.4	95	95		
82/ 81								.1	.9	.5	1.4	1.6	1.2	1.1	.3		.1	67	67		
80/ 79							.1	.5	1.4	1.5	1.1	1.4	.9	.4	.1	.2		71	71		
78/ 77								.5	.4	.9	.5	.8	.4	.1	.1	.1		36	36		
76/ 75						.2		.6	.3	.9	.1	.5	.1	.1				27	27	1	
74/ 73						.1	.5	.4	.4	.8	.5	.3	.3					34	34		
72/ 71					.3	.5	.2		.1	.1	.1	.3						16	16		
70/ 69			.1	.1		.1			.1		.2							6	6	1	1
68/ 67			.1			.2	.1	.1			.2							7	7	23	
66/ 65			.1		.1	.1												3	3	81	1
64/ 63		.1																1	1	166	2
62/ 61	.2	.2	.1															5	5	226	6
60/ 59																				201	17
58/ 57																				99	35
56/ 55																				74	47
54/ 53																				33	53
52/ 51																				10	97
50/ 49																				13	103
48/ 47																				2	126
46/ 45																					99
44/ 43																					77
42/ 41																					77
40/ 39																					51
38/ 37																					51
36/ 35																					29
34/ 33																					13

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 (CL A) Jul 63 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JUL MONTH

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
32/ 31																						18
30/ 29																						11
28/ 27																						12
26/ 25																						3
22/ 21																						1
TOTAL	.2	.3	.4	.1	.4	1.3	1.0	2.6	3.7	6.0	6.9	12.5	11.6	10.9	12.2	11.8	18.2		930		930	930
																			930		930	

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.	835148	25652	27.6	1.719	930							
Dry Bulb	6761765	79081	85.0	6.332	930			92.1	89.2	76.7	8.5	93
Wet Bulb	3409076	56206	60.4	3.621	930			2.5	.1			93
Dew Point	2031330	42942	46.2	7.227	930		4.5	.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JUL 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
104/103																	.1	1	1		
100/ 99																	.3	3	3		
98/ 97																	1.3	12	12		
96/ 95										.1						.3	5.7	57	57		
94/ 93										.1	.1			.1	.4	1.5	8.6	101	101		
92/ 91													.1	.8	.8	3.0	8.3	120	120		
90/ 89												.4	.8	1.8	3.1	3.4	6.5	149	149		
88/ 87										.1	.2	.4	1.8	1.8	3.8	2.7	1.4	114	115		
86/ 85										.1	.3	1.1	1.9	2.5	1.9	.4	1.8	94	94		
84/ 83										.3	.6	1.8	1.8	1.1	.8	.2		62	62		
82/ 81								.3	.3	1.0	1.0	1.3	.6	1.1	.5	.1		58	58		
80/ 79							.1	.6	.4	1.7	.3	1.0	.5	.6	.3	.5	.2	60	60		
78/ 77						.1		.2	.4	1.1	.4	.4	.8		.1			33	33	1	
76/ 75						.1	.1	.5	.5	.2		.1	.3	.3				21	21	2	
74/ 73						.2		.3	.2	.1	.2	.1	.3					14	14		
72/ 71					.1		.2	.2	.1	.1		.3						10	10		1
70/ 69				.2	.1	.3	.2	.1	.1									10	10	2	2
68/ 67			.1			.1												2	2	17	
66/ 65				.1	.1	.2												4	4	57	
64/ 63		.1																1	1	129	1
62/ 61		.3																3	3	203	8
60/ 59																				225	11
58/ 57																				144	18
56/ 55																				74	35
54/ 53																				49	43
52/ 51																				12	60
50/ 49																				12	84
48/ 47																				2	100
46/ 45																					104
44/ 43																					87
42/ 41																					95
40/ ..																					74
38/ 37																					51
36/ 35																					66

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JUL MONTH

PAGE ? | 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
34/ 33																					22
32/ 31																					25
30/ 29																					27
28/ 27																					9
26/ 25																					3
22/ 21																					2
20/ 19																					1
TOTAL		.4	.1	.3	.3	1.1	.6	2.4	2.2	5.0	8.2	7.0	9.0	10.1	11.7	12.3	34.2		930		929
																		929		929	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	664481	22553	24.3	11.227	929							
Dry Bulb	7055298	80778	86.9	6.486	930			92.2	90.0	80.0	17.4	93
Wet Bulb	3340797	55607	59.9	3.646	929			2.2	.3			93
Dew Point	1863224	41014	44.1	7.523	929		6.7	.3				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 7-70,73-78 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
98/ 97																	.1	1	1		
96/ 95																	.5	5	5		
94/ 93															.1	.3	2.3	26	26		
92/ 91														.1	.4	1.5	4.4	60	60		
90/ 89												.1	.1	.6	1.2	1.9	4.8	83	83		
88/ 87											.1	.1	1.4	1.8	2.7	2.4	1.9	97	97		
86/ 85											.3	1.2	1.4	4.7	2.6	1.2	1.0	116	116		
84/ 83										.4	1.6	1.4	2.4	2.2	1.7	.6	.4	100	100		
82/ 81										.6	1.3	2.8	2.3	2.8	1.3	.2		105	105		
80/ 79								.2	.3	1.8	1.6	2.5	1.4	.8	.3	.2		85	85		
78/ 77							.2	.8	1.2	.6	.8	.8	.9	.9	.1	.1		58	58		
76/ 75						.1	.5	1.4	1.0	1.5	.4	.5	.8			.1		59	59		
74/ 73					.3	.4	.8	1.1	.9	.3	.4	.5	.3	.1				48	48		
72/ 71				.1	.1	.5	1.3	.5	.3		.2	.2	.3					34	34		
70/ 69					.1	.2	.4	.2		.1		.4						14	14		
68/ 67					.5	.8	.2	.2	.1	.1								18	18	5	2
66/ 65			.1	.2	.1	.1		.2										7	7	27	
64/ 63			.3	.3	.1													7	7	103	
62/ 61		.1	.2		.1													4	4	159	4
60/ 59				.2														2	2	248	12
58/ 57		.1																1	1	182	24
56/ 55																				109	41
54/ 53																				55	56
52/ 51																				25	71
50/ 49																				9	70
48/ 47																				8	94
46/ 45																					103
44/ 43																					89
42/ 41																					89
40/ 39																					71
38/ 37																					76
36/ 35																					62
34/ 33																					28
32/ 31																					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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JUL 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
30/ 29																					16
28/ 27																					10
26/ 25																					4
22/ 21																					2
TOTAL		.2	.8	.9	1.4	2.2	3.4	4.6	3.9	5.7	6.8	10.5	11.2	14.0	10.4	8.6	15.5	930	930	930	930

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	948848	26924	29.0	13.503	930							
Dry Bulb	6325645	76433	82.2	6.876	930			90.9	84.3	64.5	3.2	93
Wet Bulb	3236353	54761	58.9	3.575	930			.8	.3	.1		93
Dew Point	1897891	41437	44.6	7.455	930		4.8	.3	.1	.1		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 73-78 YEARS | JUL 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
88/ 87																.1	.1	2	2		
86/ 85												.2	.2	.9	.6	.6		24	24		
84/ 83						.1					.4	.5	1.1	.8	.8	.4	.1	39	39		
82/ 81							.1		.1	.5	1.0	3.0	2.0	1.6	1.0	.2	.3	92	92		
80/ 79							.1	.3	.3	.5	2.8	3.8	2.2	2.5	.8	.1		124	124		
78/ 77							.1	.3	1.0	1.8	4.0	2.8	3.4	.9	.1			134	134		
76/ 75							.2	1.3	1.2	2.7	2.5	2.6	1.8	.5		.1		120	120		
74/ 73						.3	1.2	1.1	2.4	2.6	1.4	1.3	.4					99	99	1	
72/ 71					.1	1.2	1.7	2.0	1.2	1.2	1.4	.2	.3	.1				88	88		
70/ 69				.4	.5	1.2	.8	1.7	1.3	1.4	.6	.2						76	76	1	1
68/ 67			.2	.2	.4	1.0	1.1	.6	.5	.8	.2	.1						46	46	1	
66/ 65			.2	.3	.9	.3	.3	.2	.4	.5	.2	.2						34	34	8	
64/ 63		.1	.2	.2	.1	.1		.5	.4	.1	.1							18	18	28	1
62/ 61			.3	.4	.8		.2	.1	.2									19	19	97	2
60/ 59			.1	.3	.3		.1	.1										9	9	164	10
58/ 57		.1		.2														3	3	201	27
56/ 55		.1	.1															2	2	172	33
54/ 53																				137	59
52/ 51	.1																	1	1	60	54
50/ 49																				36	80
48/ 47																				17	91
46/ 45																				5	109
44/ 43																				2	91
42/ 41																					72
40/ 39																					70
38/ 37																					64
36/ 35																					77
34/ 33																					40
32/ 31																					25
30/ 29																					11
28/ 27																					3
26/ 25																					2
24/ 23																					4
22/ 21																					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												

USAFETAC FORM 0-26-5 (OL-A) 70L 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70, 73-78 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
20/ 19																					2
18/ 17																					1
TOTAL	.1	.3	1.0	2.2	3.1	4.2	5.9	8.4	9.0	12.2	14.6	14.9	11.5	7.2	3.2	1.6	.5	930	930	930	930

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.	1362335	33067	35.6	14.173	930							
Dry Bulb	5250975	69667	74.9	5.884	930			84.4	63.4	22.2		93
Wet Bulb	2997643	52681	56.6	3.807	930			.3	.1			93
Dew Point	1859869	41009	44.1	7.449	930		4.9	.1				93

USAFETAC FORM 0-26-5 (OL A) 201 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 7-70, 73-78 YEARS | JUL 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
104/103																	.0	1	1		
100/ 99																	.1	4	4		
98/ 97																	.4	16	16		
96/ 95										.0						.1	1.0	79	79		
94/ 93										.0	.0		.0	.0	.1	.4	1.9	191	191		
92/ 91										.0			.0	.2	.4	1.0	2.2	281	281		
90/ 89									.0			.1	.2	.6	1.1	1.1	2.0	379	379		
88/ 87									.0	.0	.1	.2	.9	.9	1.4	1.0	.7	388	389		
86/ 85									.0	.1	.3	.9	1.2	1.7	1.0	.5	.5	452	452		
84/ 83						.0				.3	.7	1.2	1.3	.9	.6	.2	.2	396	396		
82/ 81							.0	.1	.2	.6	1.1	1.5	1.1	1.0	.4	.1	.1	465	465		
80/ 79							.0	.3	.5	1.	1.3	1.6	.9	.7	.3	.2	.1	532	532		
78/ 77						.0	.1	.5	.8	1.2	1.5	1.3	1.1	.3	.1	.0		520	520	1	
76/ 75						.1	.3	1.0	.9	1.7	1.3	1.0	.6	.1		.0		523	523	4	
74/ 73					.1	.3	.6	1.0	1.3	1.7	1.2	.7	.2	.0	.0			534	534	2	
72/ 71				.0	.1	.6	.9	1.5	1.7	1.5	1.0	.2	.1	.0				569	569	1	1
70/ 69			.0	.1	.3	.9	1.0	1.5	1.4	1.3	.5	.1		.0				541	541	6	4
68/ 67			.1	.2	.5	.8	1.1	1.5	1.0	.9	.2	.1		.0				471	471	55	2
66/ 65			.1	.4	.8	.8	1.1	.9	.8	.4	.1	.1						410	410	216	1
64/ 63		.1	.2	.3	.5	.7	.6	.6	.5	.1	.0							263	263	600	15
62/ 61	.0	.2	.2	.4	.4	.3	.3	.5	.3	.0	.0							195	195	1001	34
60/ 59			.1	.3	.2	.1	.4	.1	.1	.0								105	105	1315	80
58/ 57		.0	.0	.1	.0	.1	.3	.2	.0									60	60	1225	179
56/ 55		.0	.1	.1	.0	.0	.1	.1	.0									30	30	1081	321
54/ 53		.0	.1	.0		.1	.1	.0										22	22	848	409
52/ 51	.0		.0	.0	.0		.0	.0										9	9	512	597
50/ 49					.0		.0											3	3	293	666
48/ 47																				150	810
46/ 45																				75	838
44/ 43																				32	745
42/ 41																				14	632
40/ 39																				7	554
38/ 37																				1	517
36/ 35																					438

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | JUL 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
34/ 33																					199
32/ 31																					176
30/ 29																					89
28/ 27																					63
26/ 25																					27
24/ 23																					18
22/ 21																					12
20/ 19																					7
18/ 17																					2
16/ 15																					3
TOTAL	.1	.4	.8	1.9	3.0	4.8	7.1	9.7	9.6	11.0	9.4	9.2	7.5	6.7	5.4	4.7	8.8	7439	7440	7439	7439

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 3° F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10542101	258435	34.7	14.500	7439							
Dry Bulb	44456045	570919	76.7	9.317	7440			634.3	476.2	293.8	29.1	744
Wet Bulb	24580930	426250	57.3	4.595	7439			7.0	.8	.1		744
Dew Point	15239715	332247	44.7	7.339	7439		39.7	.8	.1	.1		744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | AUG MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL W.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			Dry Bulb	Wet Bulb	Dew Point
84/ 83													.2	.2	.2			6	6		
82/ 81											.1	.2	.3	.2				8	8		
80/ 79										.3	.4	.4	.4	.4	.1	.2		22	22		
78/ 77									.3	.8	.3	1.5	1.0	.8		.1		44	44		
76/ 75							.2	.4	.4	1.1	2.8	1.2	1.9	.2	.1			78	78		
74/ 73								.6	1.5	2.0	3.3	2.8	1.9	.1	.1			116	116		
72/ 71					.2	.2	1.0	1.4	2.2	1.7	3.4	2.3	1.2					126	126		
70/ 69				.1	.2	.8	1.1	1.5	1.6	3.0	3.7	1.7	.5					132	132		
68/ 67			.3	.5	.8	1.8	1.2	1.7	1.6	2.3	1.0	.9						112	112		
66/ 65		.2	.5	.1	.5	1.1	.2	.6	1.6	1.4	.6	.1						66	66		
64/ 63			.3		.9	1.3	.4	.5	1.6	1.8	.5							69	69	14	1
62/ 61			.3	.3		.3	.5	1.2	.9	.8								40	40	25	6
60/ 59			.2	.5	.1	.4	.4	1.2	.5		.1							33	33	64	10
58/ 57		.2	.1		.2	.9	.1	.8	.2									23	23	106	11
56/ 55		.1	.3	.2	.3	.9	.3	.1		.2								23	23	127	11
54/ 53		.8	.3		.2	.4	.2											18	18	133	28
52/ 51		.2	.3		.3	.1												9	9	144	47
50/ 49			.2			.1												3	3	127	62
48/ 47		.1	.1															2	2	97	51
46/ 45																				62	57
44/ 43																				24	60
42/ 41																				5	50
40/ 39																				2	96
38/ 37																					68
36/ 35																					98
34/ 33																					95
32/ 31																					68
30/ 29																					40
28/ 27																					34
26/ 25																					24
24/ 23																					7
22/ 21																					1
20/ 19																					4
18/ 17																					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												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | AUG MONTH

0000-0200 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				
TOTAL		1.6	3.1	1.8	3.0	8.3	5.7	10.1	12.5	15.4	16.3	11.1	7.5	1.9	.5	.3		930	930	930	930

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	1550140	34972	37.6	15.906	930							
Dry Bulb	4424812	63864	68.7	6.497	930			64.4	27.4	2.2		93
Wet Bulb	2595669	48939	52.6	4.683	930							93
Dew Point	1545337	37093	39.9	8.421	930		17.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (YEARS) AUG (MONTH)

0300-0500 (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		.6	.3			.1		11	11		
78/ 77									.2	.1	.3		.1		.1	.1		9	9		
76/ 75								.1	.2	.5	.1	.2	.6					17	17		
74/ 73						.1		.2	1.1	1.4	1.2	.8	.2					46	46		
72/ 71					.1	.1	.4	1.2	2.3	1.8	2.7	1.3	.1	.2				96	96		
70/ 69				.3	.3	.4	1.0	1.4	1.8	2.7	2.5	1.4						110	110		
68/ 67			.1	.1	.5	1.0	1.7	1.7	2.7	3.9	1.7	.5						130	130		
66/ 65		.1	.3	1.3	1.3	1.7	1.9	2.5	2.5	3.5	1.7	.2						159	159		
64/ 63		.1	.4	.2	.6	1.9	.6	1.5	2.0	1.2	.6							87	87	11	
62/ 61				.5	1.5	.5	.6	1.3	1.8	.8	.1							67	67	18	3
60/ 59				.5		.2	1.0	1.7	1.6	.4								51	51	50	10
58/ 57		.2	.4	.2	.2	1.4	1.5	.8	.8									51	51	61	14
56/ 55		.3	.3	.1	.2	1.0	.8	.8										32	32	117	15
54/ 53		.8	.5	.1	.2	.4	1.1											29	29	112	24
52/ 51		.2	.2	.2	.6	.1		.1										14	14	145	28
50/ 49		.1	.5		.3	.1	.1	.1										12	12	123	82
48/ 47		.1	.3		.3	.1												8	8	131	43
46/ 45																				86	59
44/ 43																				52	58
42/ 41																				17	49
40/ 39																				4	78
38/ 37																				3	90
36/ 35																					86
34/ 33																					92
32/ 31																					65
30/ 29																					57
28/ 27																					32
26/ 25																					28
24/ 23																					10
22/ 21																					2
20/ 19																					5
TOTAL		1.9	3.2	3.7	6.3	9.1	10.8	13.3	17.0	16.5	11.0	5.1	1.4	.4	.1	.2		930	930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	1835254	38532	41.4	16.032	930
Dry Bulb	3994750	60674	65.2	6.253	930
Wet Bulb	2467726	47686	51.3	4.934	930
Dew Point	1521851	36785	39.6	8.484	930

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			42.0	8.4	.7		93
Wet Bulb							93
Dew Point		19.9					93

FORM 701 04 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION — HILL AFB/UGDEN UTAH STATION NAME — 67-70,73-78 YEARS — AUG MONTH

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
82/ 81											.1							1	1		
80/ 79											.3	.3	.3					9	9		
78/ 77									.3	.3	.1	.1	.1	.1				10	10		
76/ 75								.5	.4	1.3	.3	.3	.3	.1				31	31		
74/ 73							.2	.4	1.0	1.5	1.3	.4	.4	.1				50	50		
72/ 71					.1	.4	.5	1.7	1.6	1.6	1.8	.3	.2					78	78		
70/ 69				.3	.2	1.1	1.4	1.9	2.5	3.8	1.5	.9	.1					127	127		
68/ 67			.4	.4	.4	1.4	1.7	1.7	2.7	3.0	1.8	.4						131	131		
66/ 65			.2	.4	.9	1.9	1.4	2.6	3.8	2.2	1.5							138	138		
64/ 63			.1	.5	.6	1.9	1.1	2.6	2.5	1.1	.6							103	103	11	
62/ 61			.2	.3	.4	.8	.6	1.4	1.9	.8								60	60	26	5
60/ 59			.2	.3	.3	1.0	1.0	1.6	.9	.2								51	51	42	7
58/ 57		.1	.3	.2	.1	.9	1.7	1.1	.8									43	43	95	9
56/ 55		.2	.6	.4	.3	1.2	1.2	.5										42	42	106	20
54/ 53		.3	.4	.2	.2	.6	.2	.2	.1									22	22	117	29
52/ 51		.2	.2	.2	.5	.2		.1										14	14	137	35
50/ 49			.3	.2	.3	.1	.1											10	10	139	68
48/ 47			.3		.1	.1												5	5	111	68
46/ 45																				85	56
44/ 43																				39	60
42/ 41																				17	65
40/ 39																				2	82
38/ 37																				3	96
36/ 35																					88
34/ 33																					79
32/ 31																					60
30/ 29																					41
28/ 27																					35
26/ 25																					18
24/ 23																					5
22/ 21																					2
20/ 19																					2
TOTAL		.9	3.4	3.7	4.6	11.6	11.2	16.5	18.4	15.7	9.5	2.8	1.5	.3				930	930	930	930

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	1828896	38958	41.9	14.560	930							
Dry Bulb	4017620	60856	65.4	6.174	930			43.7	10.1	.4		93
Wet Bulb	2505226	48046	51.7	4.982	930							93
Dew Point	1573619	37501	40.3	8.132	930		16.3					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | AUG 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
92/ 91																	.2	2	2		
90/ 89														.1	.3	.1	.1	6	6		
88/ 87											.1	.1	.5	1.0	1.1	.9	.1	35	35		
86/ 85										.2		.1	1.1	1.1	.5	.3		31	31		
84/ 83										.3	.8	2.6	1.7	1.6	1.9	.4	.1	88	88		
82/ 81									.1	.9	1.0	2.9	1.3	2.4	1.0	.1		89	89		
80/ 79								.4	.3	1.1	1.9	2.8	2.8	.9	1.0	.2		106	106		
78/ 77							.2	.4	.6	1.4	2.3	2.3	1.9	.8	.2			94	94		
76/ 75						.1	.3	1.8	2.0	.9	2.2	3.1	1.0	.8				113	113		
74/ 73					.1	.5	1.0	1.3	.4	1.5	1.9	1.7	.6	.2				87	87		
72/ 71				.1		.4	1.3	1.0	1.1	1.6	2.3	.8	.1					80	80		
70/ 69				.3	.3	.2	1.1	.6	1.5	1.1	.6	.1						55	55		
68/ 67					.9	.4	.5	.9	.8	1.0	.5		.1					47	47	5	
66/ 65					.2	.3		.6	.9	.2	.1							22	22	21	
64/ 63					.5	.1	.1	.6	.3	.3	.1							20	20	65	
62/ 61						.4	.5	.4	.2									15	15	92	8
60/ 59				.1	.2	.6	.5	.1	.1	.1								17	17	165	8
58/ 57			.1	.3	.1	.1	.3	.1										10	10	134	16
56/ 55				.1	.4		.1											6	6	146	35
54/ 53			.1															1	1	115	45
52/ 51		.4	.1	.1														6	6	92	62
50/ 49																				59	81
48/ 47																				24	73
46/ 45																				10	72
44/ 43																				2	96
42/ 41																					106
40/ 39																					88
38/ 37																					78
36/ 35																					62
34/ 33																					43
32/ 31																					31
30/ 29																					14
28/ 27																					8
26/ 25																					3

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) 7/64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | AUG MONTH

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
22/ 21																					1
TOTAL		.4	.3	1.1	2.8	3.3	6.0	8.4	8.4	10.5	13.8	16.5	11.2	8.7	6.0	2.0	.5	930	930	930	930

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.	1200743	31345	33.7	12.462	930							
Dry Bulb	5373044	70364	75.7	7.284	930			83.3	65.1	30.5		93
Wet Bulb	2994594	52604	56.6	4.538	930			.5				93
Dew Point	1814571	40519	43.6	7.278	930		5.7					93

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

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | AUG 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
100/ 99																	.1		1	1		
98/ 97																	.3		3	3		
96/ 95																	1.0		9	9		
94/ 93														.1		.3	4.0		41	41		
92/ 91														.1	1.1	1.9	4.2		68	68		
90/ 89													.5	.9	1.8	2.4	4.1		90	90		
88/ 87												.1	1.2	2.4	3.5	2.6	3.4		123	123		
86/ 85										.1	.9	.9	1.8	2.7	2.4	1.4	1.8		111	111		
84/ 83									.1	.4	.9	1.3	1.5	.8	2.4	1.1	1.1		88	88		
82/ 81								.2	.4	.6	.4	1.3	1.6	2.2	1.2	.8	.2		83	83		
80/ 79							.2	.2	.3	1.6	1.5	1.5	1.5	1.3	.8	.4	.1		88	88		
78/ 77							.2	.2	.8	.6	1.2	.9	1.0	1.2	.3				59	59		
76/ 75						.1	.1	.6	.5	.2	1.2	1.4	.4	.3					46	46		
74/ 73							.1	.8	.3	.4	.6	.6	.2	.1					30	30		
72/ 71					.1	.1	.1	.3	.3	.6	.4	.1	.3						23	23		
70/ 69						.2		.1	.3	.2		.1	.2						11	11		
68/ 67			.2	.1					.4		.1								8	8	10	
66/ 65		.2			.2	.1	.1	.2	.1										9	9	34	
64/ 63							.3	.5	.3	.1									12	12	78	2
62/ 61			.1	.1	.3	.1	.1	.3	.1										11	11	155	9
60/ 59				.1			.2	.1											4	4	184	6
58/ 57				.1	.1	.1	.1												4	4	138	11
56/ 55		.1		.3	.1														5	5	138	24
54/ 53			.2	.1															3	3	100	34
52/ 51																					49	50
50/ 49																					22	61
48/ 47																					19	95
46/ 45																					3	77
44/ 43																						91
42/ 41																						102
40/ 39																						87
38/ 37																						77
36/ 35																						77
34/ 33																						44

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
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GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | AUG MONTH

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
32/ 31																						30
30/ 29																						18
28/ 27																						22
26/ 25																						6
24/ 23																						5
22/ 21																						2
TOTAL		.3	.5	.9	.9	.8	1.6	3.7	4.1	5.1	7.2	8.2	10.3	11.9	13.4	10.9	20.3		930	930	930	930

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.	770905	24357	26.2	11.965	930							
Dry Bulb	6407919	76851	82.6	7.854	930			88.2	84.0	66.2	5.4	93
Wet Bulb	3142967	53921	58.0	4.234	930			1.0				93
Dew Point	1733392	39534	42.5	7.540	930		8.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 70-73,73-78 YEARS | AUG 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
102/101																	.1	1	1		
100/ 99																	.1	1	1		
98/ 97																	.3	3	3		
96/ 95																.1	4.4	42	42		
94/ 93															.1	.6	5.4	57	57		
92/ 91													.1	.3	.8	1.4	7.2	91	91		
90/ 89													.5	.6	1.5	1.7	8.3	118	118		
88/ 87											.2	.3	.5	1.2	2.7	2.4	4.5	110	110		
86/ 85										.1	.2	.3	1.4	1.9	1.9	2.9	2.7	107	107		
84/ 83									.2	.1	.9	.9	1.4	.9	1.7	2.4	1.5	92	92		
82/ 81						.1	.1	.1		.2	1.4	.9	1.3	1.2	1.4	.4	.4	70	70		
80/ 79							.1	.2	.1	.5	.6	.9	1.2	1.3	1.7	.4		66	66		
78/ 77							.3	.1	.1	.1	.5	1.1	.4	.4	1.4			42	42		
76/ 75						.1	.2	.1	.3	.4	.5	.3	.3	.4	.2			28	28		
74/ 73						.1		.2	.2	.3	.9	.2	.5					23	23		
72/ 71										.2		.1	.2	.2				7	7	2	
70/ 69				.5		.3			.4	.3								15	15		
68/ 67			.2		.1	.1		.2	.3	.1	.2							12	12	11	1
66/ 65						.1	.2	.2	.4	.1								10	10	33	1
64/ 63			.1	.1	.2		.1	.3	.3									11	11	64	1
62/ 61			.2			.3	.1	.4										10	10	107	7
60/ 59			.1				.2											3	3	151	11
58/ 57				.1	.1													2	2	157	10
56/ 55		.3		.1														4	4	167	13
54/ 53			.1															1	1	123	26
52/ 51		.1	.1															2	2	68	39
50/ 49		.1																1	1	30	42
48/ 47																				16	56
46/ 45																					68
44/ 43																					70
42/ 41																					89
40/ 39																					83
38/ 37																					88
36/ 35																					83

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

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 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
34/ 33																					74
32/ 31																					65
30/ 29																					48
28/ 27																					31
26/ 25																					13
24/ 23																					5
22/ 21																					5
TOTAL		.5	.9	.9	.4	1.2	1.4	1.9	2.5	2.6	5.5	5.0	8.0	8.5	13.5	12.4	35.0		929		929
																		929		929	

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	663030	21706	23.4	12.960	929							
Dry Bulb	6651413	78243	84.2	8.145	929			88.6	85.2	73.2	10.4	93
Wet Bulb	3073692	53292	57.4	4.230	929			1.3				93
Dew Point	1569605	37433	40.3	8.126	929		16.7	.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 7-70,73-78 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		
94/ 93																.1	1.2	12	12		
92/ 91															.3	.4	2.4	29	29		
90/ 89															.4	1.4	2.6	41	41		
88/ 87													.4	.6	1.5	2.0	3.3	74	74		
86/ 85											.3	.2	.6	1.2	2.2	.8	1.4	62	62		
84/ 83										.2	.1	1.2	1.9	2.5	2.8	3.0	.5	114	114		
82/ 81									.1	.3	1.2	.9	2.4	2.7	2.0	.9		97	97		
80/ 79						.1	.1	.3	.4	1.0	.8	1.3	2.6	1.6	1.4	.8		96	96		
78/ 77						.1	.3	.3	1.3	.9	1.1	1.1	1.3	1.3	.8	.1		79	79		
76/ 75						.1	.4	.5	1.0	.9	1.6	1.8	1.4	.9	.4			84	84		
74/ 73					.1	.4	.4	.6	.9	.5	1.0	.5	.4	.5				51	51		
72/ 71				.1	.3	.3	.3	.9	.4	.6	.6	.9	.5					47	47		
70/ 69				.1	.3	.3	.3	.4	1.0	.4	.5	.3						35	35	1	
68/ 67			.1	.2	.2	.4	.2	.3	.8	.8	.4							32	32	2	
66/ 65			.1	.1	.2		.3	.4	.5	.3	.2	.1						22	22	20	1
64/ 63			.1	.1	.2	.1	.2	.3	.3									13	13	40	1
62/ 61				.1	.2	.2	.2	.1	.1									9	9	89	8
60/ 59			.2	.1	.1	.4	.5	.2										15	15	141	10
58/ 57		.2				.2	.1	.1										6	6	161	19
56/ 55			.1	.1														2	2	163	25
54/ 53			.1	.1														2	2	127	21
52/ 51			.4															4	4	91	46
50/ 49																				58	44
48/ 47																				28	54
46/ 45																				5	63
44/ 43																				1	75
42/ 41																					90
40/ 39																					107
38/ 37																					79
36/ 35																					78
34/ 33																					65
32/ 31																					54
30/ 29																					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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PSYCHROMETRIC SUMMARY

24101 STATION — HILL AFB/OGDEN UTAH STATION NAME — 67-70,73-78 YEARS — AUG 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
28/ 27																					26
26/ 25																					15
24/ 23																					5
22/ 21																					1
20/ 19																					1
TOTAL		.2	1.2	1.1	1.7	2.8	3.6	4.6	6.8	7.9	7.9	8.3	11.7	13	1.9	9.5	11.5		927		927
																		927		927	

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.	956830	26616	28.7	14.386	927							
Dry Bulb	5811870	73026	78.8	7.990	927			85.7	74.2	48.8	1.3	93
Wet Bulb	2952518	52168	56.3	4.247	927			.3				93
Dew Point	1623479	38051	41.0	8.155	927		14.1					93

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

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | AUG 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
86/ 85														.2	.5	.1		8	8		
84/ 83												.2	.6	.5	.4	.4		21	21		
82/ 81											.2	1.1	1.2	1.6	1.2	.1		50	50		
80/ 79									.1		1.2	1.3	2.2	2.2	1.0	.2		75	75		
78/ 77									.4	.6	1.3	2.6	3.8	1.9	.4	.4		107	107		
76/ 75					.1	.1	.2	.6	1.2	1.4	1.5	2.3	3.8	1.1	.8			121	121		
74/ 73					.2	.3	.6	.9	1.3	1.8	1.4	2.9	2.2	1.1				118	118		
72/ 71					.2	.4	1.0	1.6	1.0	.6	2.6	2.0	.8	.2				97	97		
70/ 69				.3	.9	1.2	1.3	.5	1.1	1.4	1.5	1.3	.2					90	90		
68/ 67				.2	.3	.3	.5	.5	1.1	.8	1.0	1.1						54	54	1	
66/ 65		.2	.2	.2	.5	.4	.3	.5	1.5	1.4	.6							57	57	5	
64/ 63			.1	.2	.6	.2	1.0	.3	1.2	.8	.1	.1						43	43	18	3
62/ 61				.4	.2	.2	.4	.4	.4	.2		.1						23	23	47	4
60/ 59		.1		.2	.1	.4	.4	.1	.1		.1							15	15	85	11
58/ 57		.2	.1	.3		1.0	.4											19	19	108	14
56/ 55		.3	.4	.1	.1	.2	.3											14	14	143	16
54/ 53		.4	.1	.1	.2													8	8	148	37
52/ 51			.3		.1													4	4	156	34
50/ 49		.2	.1															3	3	100	56
48/ 47																				78	52
46/ 45																				30	54
44/ 43																				5	47
42/ 41																				3	63
40/ 39																					93
38/ 37																					78
36/ 35																					115
34/ 33																					83
32/ 31																					55
30/ 29																					43
28/ 27																					31
26/ 25																					20
24/ 23																					11
22/ 21																					3
20/ 19																					1

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 YEARS | AUG MONTH

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
18/ 17																					2
16/ 15																					1
TOTAL		1.5	1.4	2.2	3.7	4.9	6.6	5.6	9.4	9.1	11.7	15.0	14.7	8.8	4.3	1.3		927	927	927	927

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	1315197	31607	34.1	16.016	927							
Dry Bulb	4065048	65854	72.1	6.864	927			74.3	50.2	11.4		93
Wet Bulb	2707067	49923	53.9	4.469	927			.1				93
Dew Point	1556035	37082	40.0	8.518	927		16.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION — HILL AFB/OGDEN UTAH STATION NAME — 7-70, 73-78 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
102/101																	.0	1	1		
100/ 99																	.0	2	2		
98/ 97																	.1	6	6		
96/ 95																.0	.7	52	52		
94/ 93														.0	.0	.1	1.3	110	110		
92/ 91													.0	.1	.3	.5	1.7	190	190		
90/ 89													.1	.2	.5	.7	1.9	255	255		
88/ 87											.0	.1	.3	.6	1.1	1.0	1.4	342	342		
86/ 85										.1	.2	.2	.6	.9	.9	.7	.7	319	319		
84/ 83									.0	.1	.3	.8	.9	.8	1.2	.9	.4	409	409		
82/ 81						.0	.0	.0	.1	.3	.6	.9	1.0	1.3	.8	.3	.1	399	399		
80/ 79						.0	.1	.1	.2	.6	.8	1.1	1.4	1.0	.7	.3	.0	473	473		
78/ 77						.0	.1	.1	.5	.6	.9	1.2	1.2	.8	.4	.1		444	444		
76/ 75					.0	.1	.2	.c	.8	.8	1.3	1.3	1.2	.5	.2			518	518		
74/ 73					.1	.2	.3	.6	.8	1.2	1.5	1.3	.8	.3	.0			521	521		
72/ 71				.0	.1	.3	.6	1.0	1.1	1.1	1.7	1.0	.4	.1				554	554	2	
70/ 69				.3	.3	.6	.8	.8	1.3	1.6	1.3	.7	.1					575	575	1	
68/ 67			.2	.2	.4	.7	.7	.9	1.3	1.5	.8	.4	.0					526	526	29	1
66/ 65		.1	.2	.3	.5	.7	.6	1.0	1.4	1.1	.6	.1						483	483	113	2
64/ 63		.0	.1	.1	.5	.7	.5	.8	1.1	.7	.3	.0						358	358	301	8
62/ 61			.1	.2	.3	.4	.4	.7	.7	.3	.0	.0						235	235	559	50
60/ 59		.0	.1	.2	.1	.4	.5	.6	.4	.1	.0							189	189	882	73
58/ 57		.1	.1	.2	.1	.6	.5	.3	.2									163	163	960	104
56/ 55		.2	.2	.2	.2	.4	.3	.2		.0								128	128	1107	159
54/ 53		.3	.2	.1	.1	.2	.2	.0	.0									84	84	975	244
52/ 51		.1	.2	.1	.2	.1		.0										53	53	882	341
50/ 49		.1	.1	.0	.1	.0	.0	.0										29	29	658	496
48/ 47		.0	.1		.1	.0												15	15	504	492
46/ 45																				281	506
44/ 43																				123	557
42/ 41																				42	614
40/ 39																				8	714
38/ 37																				6	654
36/ 35																					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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2410J — STATION
HILL AFB/OGDEN UTAH — STATION NAME
67-70,73-78 — YEARS
AUG — 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
34/ 33																					575
32/ 31																					428
30/ 29																					300
28/ 27																					219
26/ 25																					127
24/ 23																					48
22/ 21																					17
20/ 19																					13
18/ 17																					3
16/ 15																					1
TOTAL		.9	1.8	1.9	3.0	5.2	5.9	8.0	9.9	10.1	10.3	9.0	8.3	6.5	6.2	4.6	8.4	7433	7433	7433	7433

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	10119995	248093	33.4	15.732	7433							
Dry Bul.	41546476	550732	74.1	9.986	7433			570.1	404.5	233.3	17.1	744
Wet Bulb	22439459	406579	54.7	5.187	7433			3.2				744
Dew Point	12932489	303999	40.9	8.197	7433		115.7	.1				744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/LOGEDON STATION NAME | 66-70,73-77 YEARS | SEP MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81														.1				1	1		
80/ 79														.1				1	1		
78/ 77												.1	.2					3	3		
76/ 75											.2	.6	.2	.1				10	10		
74/ 73									.1	.4	.4	.6	.1	.2				17	17		
72/ 71									.3	.9	1.1	.4	.0	.4				42	42		
70/ 69						.2	.2	.4	.4	1.8	1.6	.3		.1				56	56		
68/ 67							.3	.7	1.6	1.8	1.7	.9	.1					63	63		
66/ 65				.2		.3	.9	1.4	2.4	1.1	1.6	.3						75	75		
64/ 63				.2	.3	.2	1.1	1.6	1.8	2.3	.8	.2						76	76		
62/ 61				.7	1.2	1.4	1.3	2.1	1.4	1.3	.6							91	91		
60/ 59				.3	.9	1.0	1.0	2.8	1.3	.8								73	73	4	
58/ 57			.1	.3	1.2	.7	1.9	2.1	1.3	.7								75	75	8	
56/ 55		.1	.2	.6	.8	1.4	1.8	2.4	1.3	.4								83	83	44	2
54/ 53		.1	.1	.6	1.4	1.3	1.1	.6	.4									51	51	72	5
52/ 51		.3	.4	.8	.3	1.6	.7	.7	.1									44	44	101	6
50/ 49		.7	.7	.3	.7	1.3	.9	.2										40	40	111	17
48/ 47		.3	1.2	.8	1.0	1.3	.7											48	48	122	33
46/ 45		.7	.1	.6	.3	.2	.1											18	18	147	42
44/ 43			.3	.2		.4	.3											12	12	91	38
42/ 41		.1	.3	.1	.1	.1	.1											8	8	79	66
40/ 39		.4		.4														8	8	59	82
38/ 37		.1	.1		.2													4	4	34	64
36/ 35																				11	86
34/ 33				.1														1	1	11	79
32/ 31																				4	86
30/ 29																				1	73
28/ 27																				1	67
26/ 25																					56
24/ 23																					30
22/ 21																					25
20/ 19																					21
18/ 17																					17
16/ 15																					2

Element (Y)	Σy^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
Depression												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) SEP (MONTH)

 0000-0200 (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																					3
TOTAL		2.9	3.8	6.2	8.6	11.3	12.4	15.0	12.7	12.6	7.9	4.4	1.2	1.0					900		900
																		900		900	

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.	1810416	37456	41.6	16.729	900							
Dry Bulb	3248109	53567	59.5	8.160	900			19.3	3.2	.1		90
Wet Bulb	1980764	41950	46.6	5.318	900		.6					90
Dew Point	1115842	30856	34.3	8.030	900		38.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 — STATION
HILL AFB/OGDEN UTAH — STATION NAME
66-70, 73-77 — 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
76/ 75												.3	.1					4	4		
74/ 73										.1	.2	.3	.2					8	8		
72/ 71									.1	.2	.6	.1		.1				10	10		
70/ 69								.3	1.3	1.1	.6	.4	.1					35	35		
68/ 67						.1	.3	.2	1.7	1.4	.6	.1	.4					44	44		
66/ 65					.2	.6	.7	.9	1.4	1.3	.4	.2						52	52		
64/ 63					.1	.9	1.1	2.2	2.4	.9	1.0							78	78		
62/ 61				.7	.6	.8	.9	2.0	1.6	1.2	.2							71	71		
60/ 59				1.0	1.0	.7	2.4	2.4	1.2	.7	.2							87	87		
58/ 57			.1	1.1	.9	1.3	2.2	1.4	1.7									79	79	4	
56/ 55		.1	.2	.2	1.6	1.2	2.6	1.8	1.0									78	78	27	
54/ 53		.1	.4	.6	1.0	1.0	1.8	2.7	.4									72	72	54	2
52/ 51		.4	.4	.7	1.7	2.1	1.0	1.4	.2									72	72	93	9
50/ 49		.1	.9	1.1	1.4	1.4	1.3	.4										61	61	94	21
48/ 47		.2	.3	.9	1.3	1.6	.9											47	47	108	24
46/ 45		.3	1.0	.7	.9	.6	.7											37	37	122	33
44/ 43		1.0	.2	.9	.6	.6												29	29	120	39
42/ 41	.1	.2	.8	.3	.3	.3												19	19	93	57
40/ 39			.1	.3	.4	.2												10	10	78	77
38/ 37				.4	.3													7	7	59	90
36/ 35																				20	67
34/ 33																				15	96
32/ 31																				8	98
30/ 29																				5	57
28/ 27																					38
26/ 25																					68
24/ 23																					48
22/ 21																					36
20/ 19																					15
18/ 17																					17
16/ 15																					7
14/ 13																					1
TOTAL	.1	2.6	4.6	8.9	12.3	13.3	15.9	15.9	13.1	7.0	3.8	1.6	.9	.1				900	900	900	900

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.
Rel Hum.	2034675	40281	44.8	16.059	900
Dry Bulb	2944131	50983	56.6	7.897	900
Wet Bulb	1868358	40706	45.2	5.508	900
Dew Point	1088507	30457	33.8	8.019	900

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.							
Dry Bulb			10.1	1.2			90
Wet Bulb		1.3					90
Dew Point		38.5					90

USAFETAC FORM 0-26-5 (OL A) 80 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | SEP MONTH

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		
74/ 73											.1	.2						3	3		
72/ 71									.2	.4	.4	.2						12	12		
70/ 69							.2	.1	1.2	1.0	.3	.1						27	27		
68/ 67						.1	.3	.4	1.3	.8	.3	.1						31	31		
66/ 65						.4	.9	1.8	1.7	1.1	.2	.4						59	59		
64/ 63					.8	.8	1.4	1.9	1.4	.9	.7							71	71		
62/ 61				.1	.6	.6	1.4	1.6	1.4	1.0	.2							62	62		
60/ 59			.1	.2	1.0	1.2	2.3	1.7	1.8	.6								80	80	1	
58/ 57				1.3	1.0	1.2	3.7	1.9	1.1	.3								95	95	9	
56/ 55		.2		.2	1.1	2.0	2.6	1.6	.8									76	76	18	
54/ 53		.1	.6	.8	.6	1.9	1.7	1.3	.2									64	64	57	4
52/ 51		.3	.1	.9	1.7	2.7	1.9	1.7	.1									84	84	88	7
50/ 49		.2	.9	1.1	1.1	1.7	1.7	.7										66	66	86	13
48/ 47		.4	1.2	.7	.6	1.2	.9	.3										48	48	103	35
46/ 45		.7	1.1	.6	1.4	1.2	.2											47	47	109	29
44/ 43		.6	.4	1.2	1.0	.4	.3											36	36	129	45
42/ 41		.4	.4	.6	.2	.3												18	18	108	67
40/ 39			.3	.1	.1	.3												8	8	74	81
38/ 37			.3		.4	.1												8	8	58	88
36/ 35			.2		.2													4	4	31	71
34/ 33																				14	75
32/ 31																				7	88
30/ 29																				7	81
28/ 27																				1	42
26/ 25																					52
24/ 23																					60
22/ 21																					23
20/ 19																					17
18/ 17																					11
16/ 15																					11
TOTAL		3.0	5.8	7.8	11.8	16.2	19.6	14.9	11.3	6.2	2.3	1.1							900		900
																		900		900	

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.	2134981	41527	46.1	15.604	900							
Dry Bulb	2866284	50300	55.9	7.827	900			7.4	.4			90
Wet Bulb	1851573	40503	45.0	5.660	900		1.5					90
Dew Point	1103535	30695	34.1	7.939	900		38.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | SEP 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
88/ 87																	.1	1	1		
86/ 85													.1		.2			3	3		
84/ 83													.3	.2	.2	.1	.1	9	9		
82/ 81												.4	.4	.3	.4			15	15		
80/ 79											.1	1.0	.7	.6	.7			27	27		
78/ 77									.1	.3	.6	1.1	.7	.6	.1			31	31		
76/ 75									.8	.6	1.7	1.2	1.7	.3				56	56		
74/ 73							.1	.2	.9	2.6	1.9	1.1	.8	.2				70	70		
72/ 71							.2	.8	1.3	1.8	1.0	1.6	.4	.1				65	65		
70/ 69						.1	.2	1.0	2.2	2.9	1.8	1.3	.2					88	88		
68/ 67						.3	1.0	1.3	1.4	2.2	1.3	.4						73	73		
66/ 65				.1	.1	.4	.6	1.0	2.1	1.7	1.2	.3						68	68		
64/ 63				.3	.4	.8	.6	1.3	1.4	1.3	.6	.2						63	63		
62/ 61			.1		.1	.8	.8	1.7	1.8	.8	.3							57	57	4	
60/ 59				.4	.3	.4	1.7	1.8	1.3	1.2	.1							66	66	32	
58/ 57		.2		.1	.3	.8	1.0	.9	1.6	.3								47	47	59	
56/ 55		.1		.7	.9	.4	1.0	1.0	.8									44	44	108	3
54/ 53			.2	.3	1.0	.4	1.1	.3	.1									32	32	107	8
52/ 51			.2	.6	.8		.4	.6	.2									25	25	118	9
50/ 49		.1	.2	.4	.2	.6		.4										18	18	116	22
48/ 47		.3	.7	.2	.4	.2	.4											21	21	107	36
46/ 45		1.0		.1	.2	.1	.1											14	14	91	58
44/ 43		.3	.1		.1													5	5	67	81
42/ 41		.1				.1												2	2	47	89
40/ 39																				24	87
38/ 37																				11	82
36/ 35																				7	90
34/ 33																				2	66
32/ 31																					78
30/ 29																					54
28/ 27																					49
26/ 25																					24
24/ 23																					23
22/ 21																					20

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
USAFETAC JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | SEP 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
20/ 19																					14
18/ 17																					5
16/ 15																					2
TOTAL		2.2	1.6	3.3	5.0	5.6	9.2	12.3	16.1	15.7	10.6	8.8	5.3	2.3	1.7	.1	.2		900		900
																		900		900	

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.	1442949	33403	37.1	15.035	900							
Dry Bulb	3914633	58801	65.3	9.005	900			43.8	21.2	4.1		90
Wet Bulb	2260893	44845	49.8	5.416	900							90
Dew Point	1261918	32998	36.7	7.610	900		26.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | SEP MONTH

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
92/ 91																	.6	5	5		
90/ 89															.1	.3	.9	12	12		
88/ 87														.1	.3	.7	1.3	22	22		
86/ 85													.1	.6	.6	1.2	1.0	31	31		
84/ 83												.2	.3	1.4	1.3	2.3	.6	56	56		
82/ 81											.1	.4	1.4	2.1	2.4	.8		66	66		
80/ 79										.3	1.0	2.1	1.8	1.6	1.3	.4		77	77		
78/ 77										.3	.6	2.7	.8	1.4	1.2			63	63		
76/ 75								.1	.4	1.0	1.4	1.8	2.8	1.6	.3			85	85		
74/ 73								.6	.4	1.8	2.4	1.4	1.7	.8	.2			84	84		
72/ 71							.2	.6	1.2	1.2	2.8	1.2	1.0	.3	.2			79	79		
70/ 69					.2	.3	.2	.4	.4	1.4	1.9	.4	.3	.1				53	53		
68/ 67						.1	.4	.1	1.3	1.1	1.1	.8	.2					47	47		
66/ 65				.1		.1	.3	.6	1.4	1.3	.3	.2						40	40		
64/ 63				.3	.1	.1	.3	.6	.6	.9	.9	.3						37	37		
62/ 61				.1		.4	.3	.3	.7	1.4	.4							34	34	19	
60/ 59			.2	.1	.1	.3	.4	.6	.6	.3								24	24	60	
58/ 57			.1	.1	.1	.7	.4	.6	.2	.1								21	21	98	3
56/ 55					.2	.3	.4	.3										12	12	159	3
54/ 53				.2	.6	.1	.2	.4	.1									15	15	129	5
52/ 51			.2	.1	.4	.1	.3	.1	.2									14	14	146	20
50/ 49		.1	.3	.1	.1	.2	.1											9	9	87	15
48/ 47		.8	.4	.1														12	12	72	27
46/ 45			.1															1	1	63	46
44/ 43																				39	67
42/ 41		.1																1	1	13	87
40/ 39																				11	100
38/ 37																				3	84
36/ 35																				1	107
34/ 33																					81
32/ 31																					83
30/ 29																					51
28/ 27																					39
26/ 25																					34

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | SEP 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
24/ 23																					17
22/ 21																					19
20/ 19																					5
18/ 17																					3
16/ 15																					4
TOTAL		1.0	1.4	1.3	1.9	2.9	3.9	5.2	7.7	11.3	13.0	11.7	10.4	10.0	8.1	5.8	4.3		900		900
																		900		900	

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.	953202	26476	29.4	13.926	900							
Dry Bulb	4813901	65259	72.5	9.549	900			68.0	50.1	22.7		90
Wet Bulb	2479063	47079	52.3	4.900	900							90
Dew Point	1254281	32943	36.6	7.342	900		25.5					90

USAFETAC FORM 0-26-5 (01 A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 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
94/ 93																	.2	2	2		
92/ 91																	.6	5	5		
90/ 89																.2	2.2	22	22		
88/ 87														.4	.1	.9	2.2	33	33		
86/ 85													.3	.6	1.3	.8	2.3	48	48		
84/ 83												.3	.4	1.1	1.9	1.7	1.0	58	58		
82/ 81											.2	.6	.7	1.2	3.0	1.1	.3	64	64		
80/ 79											1.1	1.2	2.8	3.0	.6	.9	.1	87	87		
78/ 77										.1	.1	1.0	1.4	1.8	1.4	1.0		62	62		
76/ 75							.1	.2	.3	.2	1.3	2.7	1.9	2.3	.4	.1		87	87		
74/ 73								.1	.7	1.3	1.2	2.4	1.9	.8	.7			82	82		
72/ 71						.1	.1	.2	.6	1.1	1.8	1.2	1.0	.4	.2			61	61		
70/ 69						.2	.3	.7	.7	.9	.9	1.4	.2					48	48		
68/ 67						.4	.1	.6	1.1	.9	.8	.4	.3					42	42		
66/ 65					.3	.3	.2	.4	1.1	.9	1.0	.6	.1					45	45		
64/ 63					.3	.2	.7	.1	.1	.8	1.0	.7						35	35	3	
62/ 61				.2	.1	.2	.1	.2	.4	.6	.2							19	19	19	
60/ 59				.1	.1	.4	.2	.7	1.0									23	23	44	
58/ 57					.2	.1	.4	.4	.7									17	17	97	1
56/ 55					.4	.3	.2	.1	.4	.3								17	17	139	4
54/ 53				.3	.2	.2	.4	.1	.1									13	13	168	3
52/ 51		.2	.1	.3	.1		.3											10	10	132	12
50/ 49		.6	.2	.2	.1		.1	.2										13	13	94	22
48/ 47			.3															3	3	75	32
46/ 45		.1																1	1	59	41
44/ 43			.3															3	3	36	44
42/ 41																				22	78
40/ 39																				7	74
38/ 37																				3	98
36/ 35																				2	110
34/ 33																					56
32/ 31																					76
30/ 29																					72
28/ 27																					61

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_A	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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | SEP 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
26/ 25																					41
24/ 23																					23
22/ 21																					19
20/ 19																					15
18/ 17																					10
16/ 15																					6
14/ 13																					2
TOTAL		.9	1.0	1.2	2.0	2.7	3.4	4.1	7.2	7.1	9.7	12.6	11.1	11.7	9.7	6.7	9.0		900		900
																		900		900	

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.	846036	24566	27.3	13.972	900							
Dry Bulb	4971844	66320	73.7	9.712	900			70.1	55.0	28.5	.2	90
Wet Bulb	2464666	46894	52.1	4.865	900							90
Dew Point	1182706	31852	35.4	7.852	900		32.5					90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 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
90/ 89																.1		1	1		
88/ 87																.3	.3	6	6		
86/ 85															.2	.6	.3	10	10		
84/ 83													.1	.1	.6	.4	.6	16	16		
82/ 81												.1	.7	.9	.9	.4	.1	28	28		
80/ 79											.4	.2	.7	.9	1.1	.3	.1	34	34		
78/ 77											.7	1.2	2.1	1.0	.4	.1		50	50		
76/ 75									.1	.4	1.4	2.0	2.1	1.1	.2			67	67		
74/ 73							.1	.3	.3	1.2	1.9	2.7	1.4	.4				76	76		
72/ 71							.1	.6	1.2	1.0	2.2	1.6	1.2	.3				74	74		
70/ 69							.2	.8	1.1	2.1	1.9	1.9	.6					77	77		
68/ 67				.1	.2	.7	.3	.9	1.8	2.1	2.1	.8	.3					84	84		
66/ 65				.2	.1	.3	.8	1.3	1.8	1.2	.6	.7	.2					65	65		
64/ 63				.1	.4	.6	.4	1.2	1.3	1.3	.9	.3						60	60	1	
62/ 61				.3	.7	.7	1.1	1.6	1.0	1.0	.4	.1						62	52	3	
60/ 59			.1	.4	.1	1.3	.6	1.0	.3	.2	.1							38	38	22	
58/ 57		.1		.1	.7	.3	.4	1.4	.8	.2								37	37	46	1
56/ 55			.1	.1	.7	.3	.6	1.1	.1									27	27	122	6
54/ 53				.2	.6	.7	.8	.3	.1	.1								25	25	120	6
52/ 51		.1	.3	.4	.3	.4	.1	.2										18	18	147	12
50/ 49		.3	.4	.3	.2	.3	.3	.1										19	19	144	17
48/ 47		.2	.2	.1	.1	.3	.3											12	12	106	26
46/ 45			.2		.2	.1		.1										7	7	64	48
44/ 43		.2	.1			.1												4	4	62	51
42/ 41		.3																3	3	36	70
40/ 39																				12	89
38/ 37																				9	93
36/ 35																				4	107
34/ 33																				2	73
32/ 31																					92
30/ 29																					57
28/ 27																					50
26/ 25																					35
24/ 23																					26

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 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) SEP (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
22/ 21																					21
20/ 19																					9
18/ 17																					7
16/ 15																					1
14/ 13																					3
TOTAL		1.3	1.7	2.6	4.3	6.2	6.2	11.0	10.0	11.0	12.7	11.6	9.4	4.8	3.4	2.3	1.4		900		900
																		900		900	

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.	1246753	30501	33.9	15.395	900							
Dry Bulb	4180693	60783	67.5	9.171	900			52.3	28.8	7.6		90
Wet Bulb	2294054	45222	50.2	4.924	900							90
Dew Point	1205873	32225	35.8	7.608	900		30.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) SEP (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
82/ 81														.2				2	2		
80/ 79													.6		.1	.1		7	7		
78/ 77												.2	.4	.6	.1	.1		13	13		
76/ 75										.1	.2	.9	1.0	.7				26	26		
74/ 73										1.0	1.2	1.3	.7	.6				43	43		
72/ 71									.6	1.6	2.0	1.1	1.8	.3				66	66		
70/ 69						.1		.8	1.9	2.0	1.8	1.3	.6					76	76		
68/ 67					.1		.6	.7	1.2	1.6	1.8	1.0	.2					64	64		
66/ 65				.3	.1	.2	1.4	.9	2.0	1.6	2.1	.6	.1					84	84		
64/ 63				.4	.4	1.1	1.0	.9	1.3	1.9	1.8	.3						83	83		
62/ 61				.2	.8	.9	1.3	2.4	1.8	1.0	.6							81	81		
60/ 59				.3	.2	.7	1.1	2.6	2.3	.8	.2							74	74	7	
58/ 57			.4	.2	1.3	.8	1.6	1.8	.9	.6	.1							69	69	8	2
56/ 55			.4	.3	1.3	.9	1.8	.8	.6	.1								56	56	56	2
54/ 53			.7	.4	.4	.3	1.2	.7	.4									38	38	118	6
52/ 51		.2	.6	.3	.7	1.2	.6	.3	.2									37	37	96	10
50/ 49		.1	.3	.3	.4	.8	.4											22	22	133	11
48/ 47		.2	.8	.4	.2	.4	.1											20	20	137	27
46/ 45		.1	.4	.1	.1	.3	.1	.1										12	12	125	45
44/ 43		.2	.4	.3	.4	.1	.2											16	16	88	40
42/ 41		.2				.2												4	4	65	68
40/ 39		.3		.2	.1													6	6	35	78
38/ 37					.1													1	1	16	69
36/ 35																				6	112
34/ 33																				5	70
32/ 31																				5	82
30/ 29																					68
28/ 27																					70
26/ 25																					53
24/ 23																					26
22/ 21																					25
20/ 19																					17
18/ 17																					11
16/ 15																					6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Pcl. 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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | SEP MONTH

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
14/ 13																					2
TOTAL		1.4	4.1	4.1	6.9	8.1	11.4	11.9	13.2	12.1	11.8	6.8	5.3	2.3	.2	.2			900		900
																		900		900	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 11 F	≤ 32 F	≥ 67 F	≥ 71 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1579295	34669	38.5	16.468	900							
Dry Bulb	3557039	56087	62.3	8.288	900			29.7	9.1	.6		90
Wet Bulb	2082118	43054	47.8	5.004	900		.5					90
Dew Point	1134175	31145	34.6	7.920	900		36.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 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
94/ 93																	.0		2	2		
92/ 91																	.1		10	10		
90/ 89															.0	.1	.4		35	35		
88/ 87														.1	.1	.2	.5		62	62		
86/ 85													.1	.1	.3	.3	.5		92	92		
84/ 83												.1	.2	.4	.5	.6	.3		139	139		
82/ 81											.0	.2	.4	.6	.8	.3	.1		176	176		
80/ 79										.0	.3	.6	.8	.8	.5	.2	.0		233	233		
78/ 77									.0	.1	.2	.8	.7	.7	.4	.2			223	223		
76/ 75							.0	.0	.2	.3	.8	1.2	1.2	.8	.1	.0			335	335		
74/ 73							.0	.2	.3	1.1	1.2	1.3	.8	.4	.1				383	383		
72/ 71						.0	.1	.3	.7	1.2	1.5	.9	.8	.3	.1				409	409		
70/ 69					.0	.1	.2	.6	1.2	1.7	1.3	1.1	.3	.0					460	460		
68/ 67				.0	.0	.2	.4	.6	1.4	1.5	1.2	.6	.2						448	448		
66/ 65				.1	.1	.3	.7	1.0	1.8	1.3	.9	.4	.1						488	488		
64/ 63				.2	.4	.6	.8	1.2	1.3	1.3	.9	.3							503	503	4	
62/ 61			.0	.3	.5	.7	.9	1.5	1.3	1.0	.4	.0							477	477	45	
60/ 59			.1	.4	.5	.8	1.2	1.7	1.2	.6	.1								465	465	170	
58/ 57		.0	.1	.4	.7	.7	1.5	1.3	1.0	.3	.0								440	440	329	7
56/ 55		.1	.1	.3	.9	.9	1.4	1.1	.6	.1									393	393	673	20
54/ 53		.0	.3	.4	.7	.8	1.0	.8	.3	.0									310	310	825	39
52/ 51		.2	.3	.5	.8	1.0	.7	.6	.1										304	304	921	85
50/ 49		.3	.5	.5	.5	.8	.6	.3											248	248	865	136
48/ 47		.3	.7	.4	.5	.6	.4	.0											211	211	830	240
46/ 45		.4	.4	.3	.4	.3	.2	.0											137	137	780	342
44/ 43		.3	.3	.3	.3	.2	.1												105	105	632	405
42/ 41	.0	.2	.2	.1	.1	.1	.0												55	55	463	582
40/ 39		.1	.1	.1	.1	.1													32	32	300	668
38/ 37		.0	.1	.1	.1	.0													20	20	193	668
36/ .5			.0		.0														4	4	82	750
34/ 33				.0															1	1	49	596
32/ 31																					24	683
30/ 29																					13	513
28/ 27																					2	416

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
Ref Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | SEP 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
26/ 25																					363
24/ 23																					253
22/ 21																					188
20/ 19																					113
18/ 17																					81
16/ 15																					39
14/ 13																					11
TOTAL	.0	1.9	3.0	4.4	6.6	8.3	10.3	11.3	11.4	10.4	9.0	7.3	5.5	4.0	2.9	1.9	1.9		7200		7200
																		7200		7200	

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.	12048307	268879	37.3	16.698	7200							
Dry Bulb	30496634	462100	64.2	10.794	7200			300.7	169.0	63.6	.2	720
Wet Bulb	17281489	350203	48.6	5.868	7200		3.9					720
Dew Point	9346837	253171	35.2	7.859	7200		266.0					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | OCT MONTH

PAGE 1 | 0000-0200 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										.3								3	3		
70/ 69												.1						1	1		
68/ 67											.2	.4						6	6		
66/ 65								.2	.2	.1	.2	.1						8	8		
64/ 63						.1		.2	.5	.3								11	11		
62/ 61					.1		.3	.4	.3	1.2	.1							23	23		
60/ 59				.1		.3	.3	.2	1.0	1.2								29	29		
58/ 57				.1	.1	.4	.8	1.1	1.4	.2								38	38		
56/ 55			.2	.4	.2	.4	1.7	2.7	1.2									64	64	3	
54/ 53			.1	.1	.3	1.1	3.3	2.2	.6	.1								73	73	5	
52/ 51			.1	.4	.9	2.6	3.0	1.2	.4									80	80	5	
50/ 49				.8	.8	2.6	2.2	1.4	.1									72	72	20	1
48/ 47			1.0	1.3	1.0	3.2	1.1	1.3										82	82	23	4
46/ 45			1.3	1.4	2.5	2.6	1.4	.2										87	87	38	3
44/ 43		.3	.8	1.0	1.7	1.9	.6											59	59	112	12
42/ 41		.4	1.1	2.2	1.5	1.9	.9											74	74	120	9
40/ 39	.1	.5	1.2	1.7	1.6	1.6												63	63	128	33
38/ 37		.8	1.3	1.9	1.7	.3												56	56	103	24
36/ 35		.5	1.6	1.0	.8													36	36	108	45
34/ 33		.3	.9	.9	.1	.1												21	21	91	55
32/ 31		.2	1.2	.2	.4	.2												21	21	67	66
30/ 29			.3		.4													7	7	54	92
28/ 27		.2	.3	.1														6	6	20	133
26/ 25		.1	.6															7	7	11	102
24/ 23			.3															3	3	14	85
22/ 21																				5	71
20/ 19																				3	54
18/ 17																					44
16/ 15																					43
14/ 13																					27
12/ 11																					14
10/ 9																					7
8/ 7																					3
6/ 5																					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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | OCT MONTH

PAGE 2 | 0000-0200 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	.1	3.4	12.3	13.5	14.1	19.5	15.6	11.1	5.8	3.4	.5	.6						930	930	930	930

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	2310184	43898	47.2	16.009	930		4.4	1.0				93
Dry Bulb	2124053	43721	47.0	8.596	930		17.4					93
Wet Bulb	1364801	35193	37.8	5.963	930		74.4					93
Dew Point	702979	24601	26.5	7.497	930							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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
72/ 71									.1									1	1		
70/ 69								.1	.1				.1					3	3		
68/ 67								.1					.1					2	2		
66/ 65								.2			.1	.3						6	6		
64/ 63								.2	.1		.1							4	4		
62/ 61					.1	.2	.3	.2	.3	.2	.2							15	15		
60/ 59						.3	.2	.2	1.1	.8								24	24		
58/ 57				.1	.3	.2	.3	1.0	1.5	.2								34	34		
56/ 55			.1	.4	.2	.5	1.0	1.1	.8	.1								39	39	3	
54/ 53				.1	.3	.9	1.2	1.5	.4									41	41	3	
52/ 51				.2	.6	2.2	2.7	1.5	.4									71	71	10	
50/ 49			.3	.8	1.2	2.8	3.0	1.2	.1									87	87	14	
48/ 47			.8	.6	1.0	3.2	1.2	1.5										77	77	11	2
46/ 45		.1	1.0	1.4	3.1	2.4	1.3	.1										87	87	31	6
44/ 43		.4	1.1	3.2	1.6	2.0	.9	.1										87	87	73	14
42/ 41		.1	.9	2.7	1.9	1.3	.2											66	66	98	9
40/ 39		.4	1.3	1.8	2.5	1.2	.4											71	71	116	26
38/ 37		.6	1.8	1.5	1.8	1.1												64	64	135	24
36/ 35		1.3	1.6	1.5	1.2	.1												53	53	115	35
34/ 33		.4	1.3	1.1	.6													32	32	99	54
32/ 31		.3	1.6	.2	.1													21	21	72	60
30/ 29		.4	1.3	.2	.5													23	23	58	99
28/ 27			.6	.1														7	7	51	96
26/ 25		.1	.5	.2														8	8	13	101
24/ 23			.5															5	5	10	127
22/ 21			.2															2	2	13	53
20/ 19																				3	65
18/ 17																				2	48
16/ 15																					44
14/ 13																					23
12/ 11																					24
10/ 9																					13
8/ 7																					3
6/ 5																					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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | OCT 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
TOTAL		4.3	14.9	16.2	17.2	18.4	12.7	9.0	4.9	1.3	.4	.3	.2					930	930	930	930

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.	2496685	45853	49.3	15.936	930							
Dry Bulb	1955898	41902	45.1	8.553	930		6.6	.6				93
Wet Bulb	1283731	34085	36.7	6.094	930		22.2					93
Dew Point	673582	23998	25.8	7.647	930		76.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | OCT MONTH

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
68/ 67								.3										3	3		
66/ 65							.4			.1	.2	.1						8	8		
64/ 63							.1	.3		.2	.2							8	8		
62/ 61						.3	.1	.2	.1	.5	.1							13	13		
60/ 59					.1		.2	.2	.3	.5								13	13		
58/ 57					.6	.1	.2	1.1	.8	.1								27	27		
56/ 55					.2	.8	1.4	.3	.2	.2								29	29	2	
54/ 53				.1	.1	.3	1.4	1.2	.5									34	34	5	
52/ 51			.1		.6	1.6	.9	1.4										43	43	7	
50/ 49		.2	.3	.8	1.5	3.2	2.4	.5	.1									84	84	11	
48/ 47			.2	1.6	1.5	4.0	2.2	.5										93	93	12	
46/ 45		.2	1.3	.8	2.9	3.2	1.4	.3										94	94	25	11
44/ 43		.5	1.0	2.0	2.2	2.6	1.0											86	86	60	14
42/ 41		.1	1.4	3.9	1.9	.8	.2											77	77	88	7
40/ 39		.4	.8	2.4	1.5	1.8												64	64	105	9
38/ 37		.4	2.5	1.9	2.5	.9												76	76	145	31
36/ 35		1.2	1.4	2.6	1.7	.1												65	65	124	36
34/ 33		.2	1.6	.9	.6													31	31	100	55
32/ 31		.5	1.0	.8	.8													28	28	76	75
30/ 29		.8	1.3	.8	.1													27	27	65	97
28/ 27		.3	.5	.3														11	11	49	87
26/ 25		.1	.9	.2														11	11	24	108
24/ 23			.2															2	2	18	90
22/ 21			.3															3	3	8	79
20/ 19																				3	72
18/ 17																				3	58
16/ 15																					25
14/ 13																					33
12/ 11																					19
10/ 9																					14
8/ 7																					7
6/ 5																					3
TOTAL		5.1	14.7	18.9	18.9	19.7	11.8	6.5	2.0	1.7	.5	.1						930	930		930

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.	2612282	47178	50.7	15.353	930							
Dry Bulb	1866295	40927	44.0	8.377	930		8.2	.3				93
Wet Bulb	1247324	33580	36.1	6.123	930		24.6					93
Dew Point	668117	23899	25.7	7.622	930		76.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | OCT MONTH

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
78/ 77															.1			1	1		
74/ 73											.1							1	1		
72/ 71									.2	.1	.1	.1	.4					9	9		
70/ 69							.1		.1	.2	.3	.4	.2	.1				14	14		
68/ 67							.1	.1	.2	.6	.5	.1						16	16		
66/ 65							.1		1.0	.6	1.0	.2						27	27		
64/ 63						.1	.4	.4	1.9	1.7	.5	.1						49	49		
62/ 61						.4	.5	1.3	1.4	1.7	.3	.1						54	54		
60/ 59						.3	.6	1.8	1.9	.6	.2							52	52		
58/ 57					.1	.5	1.4	2.6	1.5	.6								63	63	1	
56/ 55			.1	.1	.2	1.2	1.9	2.2	1.5	.2								69	69	5	
54/ 53				.5	.4	1.7	2.8	2.0	.9	.1								79	79	5	
52/ 51		.2	.1	.2	.6	1.8	2.3	1.4	.5									67	67	20	
50/ 49		.1	.1	1.1	1.1	2.4	2.2	1.1										74	74	44	1
48/ 47		.1	.8	.4	1.7	2.3	1.5	.8										70	70	72	3
46/ 45		.2	.5	1.4	1.8	1.5	1.0											60	60	106	10
44/ 43		.1	.8	1.0	1.6	1.6	.8											54	54	115	13
42/ 41			1.2	1.8	1.2	.5	.3											47	47	123	18
40/ 39		.4	1.0	.5	1.2	1.1												39	39	115	23
38/ 37		.5	.6	1.0	.2	.2												24	24	109	34
36/ 35	.1	.6	.6	.5	.3	.1												22	22	66	71
34/ 33		.2	.6	.4	.1	.1												14	14	60	82
32/ 31		.2	.4	.5	.2													13	13	31	94
30/ 29		.2	.1	.4	.2													9	9	27	118
28/ 27			.1	.2														3	3	14	97
26/ 25																				10	100
24/ 23																				5	75
22/ 21																				2	54
20/ 19																					46
18/ 17																					34
16/ 15																					25
14/ 13																					14
12/ 11																					11
10/ 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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | OCT 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
8/ 7																					4
TOTAL	.1	3.0	7.1	10.2	11.1	15.9	16.0	13.7	11.2	6.7	3.1	1.1	.6	.1	.1			930	930	930	930

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.	1993700	40490	43.5	15.764	930							
Dry Bulb	2533107	47751	51.3	9.356	930		2.5	4.1	.2			93
Wet Bulb	1559933	37677	40.5	6.008	930		8.9					93
Dew Point	790021	26265	28.2	7.249	930		67.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | OCT 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
82/ 81																.1		1	1		
80/ 79														.1		.3		4	4		
78/ 77											.1	.1		.5	.1	.1		9	9		
76/ 75									.1		.3	.3	.8	.5	.2	.1		22	22		
74/ 73									.2		.1	.5	.2	.2	.2			14	14		
72/ 71								.1			1.2	1.4	.9	.3				36	36		
70/ 69								.2		1.0	2.4	2.2	.8	.2				62	62		
68/ 67								.4	.3	2.4	2.7	.9	.2					64	64		
66/ 65							.2	.3	1.6	2.9	2.0	.5						71	71		
64/ 63							.3	1.0	1.8	1.7	1.1	.1						56	56		
62/ 61							.3	1.0	2.0	1.6	.6							52	52		
60/ 59						.3	1.8	1.3	1.8	1.6	.1	.1						66	66	2	
58/ 57					.3	.6	1.5	1.9	2.0	.9	.1							69	69	4	
56/ 55			.2	.2	.4	.4	1.3	1.8	1.7	.5								62	62	6	
54/ 53			.3	.3	.1	.2	1.7	1.7	1.4									54	54	13	
52/ 51		.1		.1	.1	1.0	1.6	1.0	.3									39	39	77	
50/ 49		.2	.3		.5	1.1	1.1	.8	.4									41	41	112	2
48/ 47				.3	1.1	1.7	.6	.2	.1									38	38	137	10
46/ 45		.3	1.1	.8	2.2	.9	.5											53	53	100	4
44/ 43		.3	.5	1.0	.6	.5	.5	.2										35	35	91	20
42/ 41		.4	.4	.9	.5	.3	.2											26	26	100	16
40/ 39		.2	.6	.4	.2	.3												17	17	97	35
38/ 37		.3	.6	.3	.4	.1												17	17	84	52
36/ 35		.2	.1	.3	.1	.2												9	9	44	76
34/ 33			.1		.4	.1												6	6	25	70
32/ 31		.1	.2															3	3	9	114
30/ 29		.3																3	3	17	133
28/ 27																				7	84
26/ 25																				4	92
24/ 23																					54
22/ 21																					63
20/ 19																					42
18/ 17																					28
16/ 15																					11

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
FCBM JUL 64
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70, 73-77 YEARS | OCT 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
14/ 13																					8
12/ 11																					5
10/ 9																					4
8/ 7																					4
6/ 5																					1
4/ 3																					1
TOTAL		2.6	4.6	4.6	7.1	7.9	11.8	11.9	14.0	12.6	10.8	6.1	2.8	1.9	.5	.6		929	929	929	929

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.	1518606	34338	37.0	16.393	929							
Dry Bulb	3183032	53508	57.6	10.438	929		.6	21.2	5.0	.2		93
Wet Bulb	1800373	40521	43.6	5.957	929		3.7					93
Dew Point	843313	27173	29.2	7.230	929		64.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 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
82/ 81															.1			1	1		
80/ 79												.2		.1	.2	.3		8	8		
78/ 77												.1	.2	.5	.5	.2		15	15		
76/ 75												.2	.6	.3	.3	.1		15	15		
74/ 73									.2		.2	.3	.5	.1	.2			15	15		
72/ 71								.2	.3	.5	1.3	1.0	1.1	.3				44	44		
70/ 69									.3	1.4	2.0	1.7	1.4					64	64		
68/ 67								.2	.6	2.4	3.3	1.9	.1					80	80		
66/ 65							.2	.2	2.0	1.4	1.7	.4	.1					57	57		
64/ 63								1.2	1.6	1.1	1.3	.2						50	50		
62/ 61						.1	.5	1.2	1.0	1.9	.9	.1						53	53		
60/ 59					.1	.6	1.3	2.0	2.3	1.3	.6							77	77	1	
58/ 57					.3	.3	.9	1.8	1.6	.8	.1							54	54	6	
56/ 55				.2	.5	.3	1.5	1.5	1.7	.4								58	58	5	
54/ 53			.1	.3	.2	.4	.6	.6	1.8	.2								41	41	27	
52/ 51		.1		.4	.4	1.0	1.7	1.6	.6	.1								56	56	66	
50/ 49			.3	.2	.4	.8	1.6	.5	.2									38	38	116	1
48/ 47		.2	.4	.6	1.1	1.0	1.8	.2										50	50	134	5
46/ 45		.1	.3	1.0	.5	1.0	.8	.1	.1									36	36	109	7
44/ 43			.2	.4	.5	1.2	.2		.1									25	25	91	21
42/ 41		.5	.6	.8	.3	.8		.1										29	29	84	23
40/ 39		.5	1.1	.6	.3	.6												30	30	86	30
38/ 37		.6	.8		.1	.3												17	17	86	55
36/ 35		.2		.1	.2	.1												6	6	56	83
34/ 33			.1		.2													3	3	28	87
32/ 31		.5	.2	.1														8	8	7	106
30/ 29																				18	97
28/ 27																				8	86
26/ 25																				2	76
24/ 23																					54
22/ 21																					69
20/ 19																					74
18/ 17																					20
16/ 15																					10

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | OCT 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
14/ 13																					13
12/ 11																					3
10/ 9																					7
4/ 3																					1
2/ 1																					1
0/ -1																					1
TOTAL		2.9	4.2	4.8	5.4	8.5	11.2	11.6	14.6	11.5	11.5	6.2	4.1	1.4	1.4	.6		930	930	930	930

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	1494117	33947	36.5	16.567	930							
Dry Bulb	3223943	53851	57.9	10.669	930		.8	24.2	5.4	.6		93
Wet Bulb	1806778	40602	43.7	6.065	930		3.5					93
Dew Point	839763	27073	29.1	7.456	930	.1	61.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) OCT (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
78/ 77											.1							1	1		
76/ 75											.2							2	2		
74/ 73											.1	.1	.1	.1				4	4		
72/ 71												.2	.4	.1				7	7		
70/ 69								.2		.3	.1	.2	.2					10	10		
68/ 67							.2		.4	.4	.5	.1	.1					17	17		
66/ 65								.3	1.3	1.1	.1	1.0						35	35		
64/ 63							.3	.9	.8	1.0	1.0	.1						37	37		
62/ 61						.4	.4	1.6	1.8	.9								48	48		
60/ 59						.3	2.8	1.8	2.2	.5	.2							73	73		
58/ 57				.2	.2	1.0	2.7	3.2	1.4	.1								82	82	2	
56/ 55				.1	.2	1.0	2.4	1.1	.9									52	52	5	
54/ 53				.1	.9	2.6	2.0	1.5	.8	.2								75	75	2	
52/ 51			.2	.9	1.5	2.0	1.5	1.1	.1									68	68	25	
50/ 49			.3	1.4	1.4	1.6	1.3	1.2										67	67	45	1
48/ 47		.1	.9	.6	1.9	.9	1.9	.6										65	65	89	4
46/ 45		.4	.9	1.4	1.6	2.6	.5											69	69	130	6
44/ 43		.2	.5	1.2	1.9	1.3	.4											52	52	138	12
42/ 41		.3	.4	1.3	2.2	1.3	.1											52	52	97	23
40/ 39		.9	.9	.8	1.2	.3	.1											38	38	89	43
38/ 37		.8	1.6	.6	.9	.2	.2											40	40	82	61
36/ 35			.2	.5	.3													10	10	100	90
34/ 33		.4	.2	.3	.3													12	12	61	94
32/ 31			.1	.4	.1													6	6	25	98
30/ 29			.3	.2														5	5	16	97
28/ 27			.2	.1														3	3	11	81
26/ 25																				8	86
24/ 23																				4	67
22/ 21																				1	47
20/ 19																					54
18/ 17																					28
16/ 15																					18
14/ 13																					9
12/ 11																					3

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) OCT (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
10/ 9																					5
6/ 5																					1
4/ 3																					2
TOTAL		3.1	6.8	10.2	14.6	15.5	17.0	13.5	9.6	4.5	2.4	1.7	.9	.2				930		930	
																			930		930

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.	2105258	41746	44.9	5.781	930							
Dry Bulb	2561078	48058	51.7	9.144	930		1.4	4.1	.7			93
Wet Bulb	1604389	38235	41.1	5.909	930		6.5					93
Dew Point	850589	27303	29.4	7.264	930		59.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) OCT (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
74/ 73										.2								2	2		
72/ 71									.1				.1	.1				3	3		
70/ 69												.1	.3					4	4		
68/ 67										.3	.2	.2						7	7		
66/ 65							.1			.2		.2						5	5		
64/ 63						.1	.2		.3	.5	1.0	.1						21	21		
62/ 61					.1	.1	.2	.8	.8	.6	.4							28	28		
60/ 59					.1	.4	.5	.5	2.0	.9								42	42		
58/ 57				.1	.1	.3	1.5	2.5	1.3									54	54		
56/ 55			.1	.1	.5	.6	3.0	3.4	.3	.3								79	79	3	
54/ 53			.2	.3	.1	2.3	2.3	1.0	1.1									67	67	3	
52/ 51			.1	.5	.9	1.3	2.5	1.3	.2									63	63	9	
50/ 49		.1		.9	1.7	2.4	1.6	1.4										75	75	16	
48/ 47		.2	.9	1.3	2.6	2.4	1.2	.4										83	83	37	4
46/ 45		.2	.8	1.3	2.3	2.2	1.9											80	80	66	5
44/ 43		.4	.8	2.0	1.9	1.6	.8											70	70	146	15
42/ 41		.5	.8	1.3	1.6	2.4	.2											63	63	122	14
40/ 39		1.2	1.6	2.2	1.3	.9	.2											68	68	98	27
38/ 37		.5	1.6	1.5	1.1		.1											45	45	122	30
36/ 35		.2	.6	1.1	.4	.1												23	23	98	61
34/ 33		.5	.8	.5	.4													21	21	80	74
32/ 31		.1	.4	.2	.6													13	13	60	90
30/ 29		.1		.2	.2													5	5	34	95
28/ 27		.2	.4															6	6	14	117
26/ 25				.2														2	2	9	102
24/ 23			.1															1	1	10	72
22/ 21																				1	55
20/ 19																				2	55
18/ 17																					46
16/ 15																					36
14/ 13																					12
12/ 11																					11
10/ 9																					4
8/ 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) JUL 64 REVISED PREVIOUS EDITION(S) OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | OCT 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
6/ 5																					2
4/ 3																					1
TOTAL		4.4	9.1	13.8	16.0	17.0	16.3	11.3	6.1	3.1	1.6	.6	.4	.1				930	930	930	930

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	2296679	43723	47.0	16.109	930							
Dry Bulb	2241525	44957	48.3	8.572	930		2.7	1.6	.2			93
Wet Bulb	1436665	36157	38.9	5.771	930		13.0					93
Dew Point	754701	25597	27.5	7.349	930		70.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) OCT (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
82/ 81															.0	.0			2	2		
80/ 79												.0		.0	.0	.1			12	12		
78/ 77											.0	.0	.0	.1	.1	.0			26	26		
76/ 75									.0		.1	.1	.2	.1	.1	.0			39	39		
74/ 73									.1	.0	.1	.1	.1	.1	.1				36	36		
72/ 71								.0	.1	.1	.3	.3	.4	.1					103	103		
70/ 69							.0	.1	.1	.4	.6	.6	.4	.0					158	158		
68/ 67							.0	.1	.2	.8	.9	.5	.1						195	195		
66/ 65							.1	.2	.8	.8	.7	.4	.0						217	217		
64/ 63						.0	.2	.5	.9	.8	.6	.1							236	236		
62/ 61					.0	.2	.3	.8	1.0	1.1	.3	.0							286	286		
60/ 59				.0	.0	.3	1.0	1.0	1.6	.9	.1	.0							376	376	3	
58/ 57				.1	.3	.4	1.2	1.9	1.4	.4	.0								421	421	13	
56/ 55			.1	.2	.3	.7	1.8	1.8	1.0	.2									452	452	32	
54/ 53			.1	.2	.3	1.2	1.9	1.5	.9	.1									464	464	63	
52/ 51		.1	.1	.3	.7	1.7	2.0	1.3	.3	.0									487	487	219	
50/ 49		.1	.2	.7	1.1	2.1	1.9	1.0	.1										538	538	378	6
48/ 47		.1	.6	.9	1.5	2.3	1.4	.7	.0										558	558	515	32
46/ 45		.2	.9	1.2	2.1	2.0	1.1	.1	.0										566	566	605	52
44/ 43		.3	.7	1.5	1.5	1.6	.6	.0	.0										468	468	826	121
42/ 41		.3	.8	1.8	1.4	1.2	.3	.0											434	434	832	119
40/ 39	.0	.6	1.0	1.3	1.2	1.0	.1												390	390	834	226
38/ 37		.6	1.4	1.1	1.1	.4	.0												339	339	866	311
36/ 35	.0	.5	.8	1.0	.6	.1													224	224	711	497
34/ 33		.3	.7	.5	.4	.0													140	140	544	571
32/ 31		.3	.6	.3	.3	.0													113	113	347	703
30/ 29		.2	.4	.2	.2														79	79	289	828
28/ 27		.1	.3	.1															36	36	174	781
26/ 25		.0	.3	.1															28	28	81	767
24/ 23			.1																11	11	61	624
22/ 21			.1																5	5	30	491
20/ 19																					11	462
18/ 17																					5	306
16/ 15																						212

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (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
14/ 13																				139
12/ 11																				90
10/ 9																				57
8/ 7																				23
6/ 5																				14
4/ 3																				5
2/ 1																				1
0/ -1																				1
TOTAL	.0	3.6	9.2	11.5	13.1	15.3	14.1	11.1	8.5	5.6	3.9	2.1	1.1	.5	.3	.2		7439	7439		7439
																				7439	

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.	16827511	331173	44.5	16.739	7439							
Dry Bulb	19688931	374675	50.4	10.487	7439		27.2	57.1	11.5	.8		744
Wet Bulb	12103994	296050	39.8	6.580	7439		99.8					744
Dew Point	6123065	205899	27.7	7.551	7439	.1	550.5					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) NOV (MONTH)

PAGE 1 0000-0200 (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	.1								5	5		
58/ 57							.1											1	1		
56/ 55						.2	.6	.2										9	9		
54/ 53						.4	.9	.3	.7									21	21		
52/ 51					.1	.7	1.0	.6	.1									22	22		
50/ 49					.7	1.3	1.1	.3										31	31		
48/ 47			.2		1.1	1.9	.9	.1										38	38	3	
46/ 45		.4	.2	.6	2.6	1.7	1.0											58	58	5	
44/ 43		.1	.3	1.8	2.4	1.4	.3											58	58	19	
42/ 41		.4	1.6	2.2	2.0	.7	.1											63	63	30	8
40/ 39		.9	3.7	2.9	3.4	.4	.2											104	104	55	1
38/ 37	.1	.4	2.2	2.0	3.8	.8	.1											85	85	104	11
36/ 35		.4	2.0	2.7	2.7													70	70	111	17
34/ 33	.1	.8	2.6	2.8	.8													63	63	85	28
32/ 31	.2	.7	3.8	2.0	.9													68	68	87	67
30/ 29	.2	2.0	1.9	2.1														56	56	100	73
28/ 27	.4	.6	1.7	.7														30	30	97	78
26/ 25	.9	1.0	1.9	.8														41	41	63	95
24/ 23	.6	1.2	1.0	.2														27	27	50	87
22/ 21	.1	1.0	.7	.3														19	19	39	88
20/ 19	.1	.7	.4	.1														12	12	15	102
18/ 17		.4	.3															7	7	15	61
16/ 15	.3	.1	.6	.2														11	11	12	58
14/ 13		.1																1	1	6	48
12/ 11																				3	20
10/ 9																				1	18
8/ 7																					17
6/ 5																					8
4/ 3																					3
2/ 1																					5
0/ -1																					4
-2/ -3																					1
-10/-11																					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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | NOV MONTH

PAGE 2 | 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
TOTAL	3.1	11.3	25.0	21.3	20.4	9.6	6.6	1.6	1.0	.1									900	900	900	900

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
Ref Hum	3248350	51998	57.8	16.479	900							
Dry Bulb	1306739	33373	37.1	8.775	900		27.2					90
Wet Bulb	921714	28174	31.3	6.649	900		48.8					90
Dew Point	507647	20241	22.5	7.637	900	.7	83.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 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
60/ 59									.2									2	2		
58/ 57							.3		.1									4	4		
56/ 55							.1	.3	.1									5	5		
54/ 53						.2	.3	.3	.2									10	10		
52/ 51					.2	.7	1.0	.9	.1									26	26		
50/ 49				.2	.4	.6	.9	.1										20	20		
48/ 47			.4	.1	.8	1.1	.6											27	27	1	
46/ 45		.2	.4	.6	.9	2.6	.7											48	48	2	
44/ 43			1.0	1.9	1.9	1.6	.3											60	60	21	
42/ 41		.3	1.3	2.9	2.2	1.3												73	73	22	3
40/ 39		.6	1.8	2.9	1.6	.6	.1											67	67	50	4
38/ 37		.9	3.3	3.0	2.2	.4	.2											91	91	81	7
36/ 35		.9	2.4	2.9	2.0	.4												78	78	96	26
34/ 33	.2	.8	2.3	4.0	1.3	.2												80	80	108	32
32/ 31	.1	1.1	3.9	2.1	.2													67	67	73	42
30/ 29	.4	1.3	2.4	1.8														54	54	109	66
28/ 27	.8	.8	3.2	1.4														56	56	95	83
26/ 25	.6	.8	2.2	.4														36	36	69	93
24/ 23	.8	1.0	1.4	.7														35	35	61	77
22/ 21	.2	1.7	.6	.1														23	23	41	94
20/ 19		1.1	.6	.1														16	16	30	96
18/ 17	.1	.8	.7	.2														16	16	19	76
16/ 15				.1														1	1	9	54
14/ 13		.3	.1	.1														5	5	7	44
12/ 11																				3	46
10/ 9																				3	13
8/ 7																					20
6/ 5																					11
4/ 3																					1
2/ 1																					5
0/ -1																					1
-2/ -3																					1
-4/ -5																					2
-10/-11																					3

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) NOV (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
TOTAL	3.2	12.6	18.2	25.6	13.8	9.7	4.6	1.7	.8									900	900	900	900

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.	3369654	53160	59.1	15.984	900							
Dry Bulb	1223691	32257	35.8	8.669	900		30.9					90
Wet Bulb	875515	27415	30.5	6.706	900		51.9					90
Dew Point	487892	19756	22.0	7.766	900	.7	82.8					90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70; 73-77 (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
60/ 59							.2											2	2		
58/ 57							.1		.2									3	3		
56/ 55								.2		.1								3	3		
54/ 53							.8	.1	.3									11	11		
52/ 51						.4	.8	.8										18	18		
50/ 49				.1	.3	.2	.8											13	13		
48/ 47				.6	.9	.7	.7	.1										26	26	2	
46/ 45			.6	.9	.6	1.3	.1											31	31	1	
44/ 43		.3	.9	.9	1.2	1.2	.3											44	44	4	
42/ 41		.4	1.2	2.0	2.2	1.3	.1											66	66	32	1
40/ 39		.4	2.0	4.1	2.9	.9												93	93	41	4
38/ 37	.1	.9	2.4	3.4	1.8	.1	.2											81	81	55	9
36/ 35		1.6	3.2	3.4	1.6	.1												89	89	92	22
34/ 33		.3	2.6	3.4	.8	.4												68	68	99	33
32/ 31		1.6	3.2	2.9	.9													77	77	113	34
30/ 29	.3	2.1	2.8	1.7	.6													67	67	87	55
28/ 27	.8	.9	2.8	1.2														51	51	102	85
26/ 25	.2	1.6	3.1	.4														48	48	66	90
24/ 23	.6	1.2	1.7	.3														34	34	73	77
22/ 21	.3	1.1	1.0	.1														23	23	49	93
20/ 19	.2	1.7	.6	.1														23	23	30	84
18/ 17	.1	.7	.9															15	15	24	90
16/ 15	.1	.3	.2	.3														9	9	14	59
14/ 13			.1	.1														2	2	7	55
12/ 11		.3																3	3	5	40
10/ 9																				4	22
8/ 7																					18
6/ 5																					16
4/ 3																					3
2/ 1																					3
0/ -1																					1
-6/ -7																					3
-8/ -9																					1
-10/-11																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) c6-70,73-77 (YEARS) NOV (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	2.8	15.4	19.2	16.1	13.7	6.8	4.1	1.2	.6	.1								900	900	900	900

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	3493636	54196	60.2	15.998	900							
Dry Bulb	1153279	31285	34.8	8.554	900		35.2					90
Wet Bulb	833955	26721	29.7	6.721	900		57.4					90
Dew Point	468080	19284	21.4	7.814	900	.7	83.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | NOV MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	2 - 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					.1	.1	.1			.1	.1							5	5		
60/ 59								.3	.6									8	8		
58/ 57						.1		.7	.4	.3								14	14		
56/ 55							.7	1.3	.6									23	23		
54/ 53					.1		1.2	.8	.4									23	23	1	
52/ 51				.2	.4	.7	1.3	1.0										33	33	2	
50/ 49			.2		1.2	2.2	1.7	.8										55	55		
48/ 47			.4	1.2	1.2	2.2	1.1	.1										57	57	2	1
46/ 45			.3	1.6	2.4	2.0	1.0											66	66	9	1
44/ 43		.4	.8	2.0	2.1	1.4	1.0	.1										71	71	36	1
42/ 41		.8	1.6	1.8	2.9	1.4	.2											78	78	68	5
40/ 39		.2	1.4	1.7	2.3	.7	.2											59	59	94	13
38/ 37	.1	.6	1.4	2.8	2.4	.9												74	74	102	6
36/ 35		.7	2.3	1.9	1.1	.3												57	57	83	32
34/ 33	.3	1.2	1.6	1.8	1.3	.1												57	57	93	38
32/ 31	.4	2.0	1.8	2.1	.6													62	62	100	60
30/ 29	.1	.9	.9	1.9	.1													35	35	79	83
28/ 27	.9	1.6	.7	1.4														41	41	62	87
26/ 25	.2	1.1	.8	.8														26	26	59	103
24/ 23	.2	1.1	.6	.2														21	21	37	81
22/ 21	.3	.9	.6															16	16	30	93
20/ 19	.1	.6	.1	.2														9	9	22	80
18/ 17		.1	.1	.1														3	3	8	45
16/ 15		.1	.1	.2														4	4	2	45
14/ 13		.2																2	2	4	41
12/ 11		.1																1	1	6	30
10/ 9																				1	24
8/ 7																					12
6/ 5																					5
4/ 3																					8
-2/ -3																					1
-4/ -5																					1
-8/ -9																					1
-10/-11																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 75 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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | NOV 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
-14/-15																					2
TOTAL	2.8	12.6	15.9	21.9	18.4	12.2	8.6	5.1	2.0	.4	.1								900		900
																		900		900	

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	3002114	49532	55.0	17.525	900							
Dry Bulb	1483807	35549	39.5	9.413	900		22.0					90
Wet Bulb	1016405	29595	32.9	6.934	900		41.0					90
Dew Point	548839	21013	23.3	8.048	900	.6	80.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION — HILL AFB/OGDEN UTAH STATION NAME — 66-70,73-77 YEARS — NOV 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
66/ 65							.1		.1	.1	.4	.1						8	8		
64/ 63							.1		.2	.8	.6							15	15		
62/ 61							.1	.4	.6	1.0	.1							20	20		
60/ 59							.6	1.4	1.9	.8								42	42		
58/ 57					.1	.1	.4	2.2	.8	.6								38	38		
56/ 55				.1		.6	1.4	1.9	1.1	.2								48	48		
54/ 53					.3	2.2	1.8	.9	.6	.1								53	53	1	
52/ 51				.3	.6	1.6	2.7	.8	.1									54	54	1	
50/ 49			.1	.2	.6	2.9	2.6	1.1	.4									71	71	4	
48/ 47			.2	.6	.7	2.7	1.2	.7	.2									56	56	20	
46/ 45			.6	1.3	1.4	2.0	.8	.3										58	58	61	1
44/ 43		.6	.7	1.4	2.2	1.4	.2											59	59	92	4
42/ 41	.1	.1	1.1	1.9	2.7	1.6	.2											69	69	94	4
40/ 39		.1	.8	1.6	2.7	.7	.1											53	53	87	6
38/ 37			1.0	1.1	1.9	.8												43	43	103	23
36/ 35		.7	1.0	1.7	1.2	.6												46	46	79	40
34/ 33		1.0	1.4	1.0	.4	.2												37	37	83	46
32/ 31	.4	2.2	.7	.2	.4													36	36	75	74
30/ 29	.1	.8	1.9	1.4	.6													43	43	70	93
28/ 27	.4	.9	.7	.2	.2													22	22	43	106
26/ 25	.1	.8	.2		.1													11	11	35	118
24/ 23		.4	.2		.3													9	9	28	71
22/ 21		.1	.3		.1													5	5	9	93
20/ 19																				7	64
18/ 17		.1																1	1	1	41
16/ 15			.1															1	1	4	35
14/ 13		.2																2	2		23
12/ 11																				3	21
10/ 9																					15
8/ 7																					7
6/ 5																					7
4/ 3																					1
2/ 1																					3
-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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70, 73-77 (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
-8/ -9																					1
-10/-11																					2
TOTAL	1.2	8.0	11.0	13.1	16.6	17.2	12.3	9.8	6.0	3.6	1.1	.1						900	900	900	900	900

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	2432196	44014	48.9	17.639	900							
Dry Bulb	1884278	40140	44.6	10.227	900		13.0					90
Wet Bulb	1200385	32393	36.0	6.875	900		27.5					90
Dew Point	608548	22388	24.9	7.579	900	.4	77.6					90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) NOV (MONTH)

PAGE 1 1500-1700 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPPESSION (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
66/ 65										.1	.3	.2						6	6		
64/ 63								.2	.3	.8	.6							17	17		
62/ 61								.9	.9	.8	.1							24	24		
60/ 59							.4	1.7	.7	.2								27	27		
58/ 57						.3	1.0	1.3	1.7	.4								43	43		
56/ 55						1.0	1.2	2.4	.3	.3								48	48		
54/ 53					.8	1.6	1.4	1.7	.3	.1								53	53		
52/ 51					.7	1.4	2.0	.9	.9	.1								54	54		
50/ 49				.7	1.3	2.8	2.3	.8	.1									72	72	3	
48/ 47			.1	.2	1.2	2.7	1.4	.7										57	57	27	
46/ 45			.4	1.3	1.6	1.6	.8	.2										53	53	67	
44/ 43		.7	.9	1.4	1.6	1.9	.7											64	64	76	
42/ 41		.3	.7	2.1	1.8	1.8												60	60	91	
40/ 39		.2	1.6	2.0	2.3	.9	.2											65	65	101	9
38/ 37		.7	.6	1.6	1.8	.9												49	49	87	39
36/ 35		.4	.6	2.3	1.3	.4												46	46	97	41
34/ 33	.2	.7	1.2	1.2	.7	.1												37	37	76	64
32/ 31	.2	1.2	1.1	1.0	.6	.1												38	38	74	75
30/ 29	.1	1.1	1.2	.8	.6													34	34	68	70
28/ 27	.9	.8	.6	.2	.4													26	26	53	105
26/ 25	.2	1.1	.3	.1														16	16	34	106
24/ 23			.1		.2													3	3	25	95
22/ 21			.2	.2	.1													5	5	10	73
20/ 19																				2	65
18/ 17																				3	57
16/ 15		.2																2	2	2	25
14/ 13		.1																1	1	4	24
12/ 11																					14
10/ 9																					15
8/ 7																					3
6/ 5																					9
4/ 3																					6
2/ 1																					2
-8/ -9																					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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (YEARS) NOV (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
-10/-11 TOTAL	1.7	7.6	9.6	15.2	16.9	17.4	11.6	10.8	5.2	2.9	1.0	.2							900		2 900
																		900		900	

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.	2460744	44344	49.3	17.517	900							
Dry Bulb	1878430	40116	44.6	10.024	900		12.5					90
Wet Bulb	1210769	32445	36.1	6.764	900		27.5					90
Dew Point	617840	22570	25.1	7.593	900	.3	74.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | NOV 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										.1	.1							2	2		
62/ 61								.1		.1								2	2		
60/ 59										.1								1	1		
58/ 57							.9	.4	.3	.2								17	17		
56/ 55						.3	.8	.9	.2									20	20		
54/ 53					.2	1.2	2.0	.8	.2									40	40		
52/ 51					.7	1.0	1.1	.2										27	27		
50/ 49				.4	1.7	2.7	2.0	.7	.1									68	68		
48/ 47			.3	1.0	1.9	.9	.8	.1	.1									46	46	2	
46/ 45			.1	2.0	3.3	2.2	.6	.6										79	79	20	
44/ 43		.2	1.1	1.9	2.6	2.1	.3	.1										75	75	41	
42/ 41		1.0	.6	3.0	2.6	1.3	.3											79	79	78	1
40/ 39		.4	2.1	2.3	1.7	.6	.1											65	65	93	8
38/ 37		.8	2.0	1.8	2.2	.7												67	67	95	23
36/ 35		.6	1.3	3.6	.9													57	57	109	31
34/ 33	.2	1.1	2.1	2.9	.9	.2												64	64	87	57
32/ 31	.1	.8	2.1	1.2	.8	.1												46	46	84	74
30/ 29	.2	1.3	1.4	1.1	.1													38	38	92	102
28/ 27	.7	1.8	1.4	.4	.1													40	40	64	72
26/ 25	.7	1.1	1.3	.9														36	36	54	108
24/ 23	.1	.9	.2	.3														14	14	30	82
22/ 21		.1	.1															2	2	24	90
20/ 19		.3	.3	.3														9	9	10	80
18/ 17		.1	.2															3	3	6	55
16/ 15	.1	.1																2	2	4	32
14/ 13		.1																1	1	7	19
12/ 11																					25
10/ 9																					12
8/ 7																					7
6/ 5																					13
4/ 3																					3
2/ 1																					3
-8/ -9																					1
-10/-11																					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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70, 73-77 YEARS | NOV 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	2.1	10.8	6.9	3.2	9.2	13.3	8.9	3.9	1.0	.6	.1							900	900	900	900

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.	3036262	50148	55.7	16.407	900							
Dry Bulb	1520191	36105	40.1	8.935	900		19.1					90
Wet Bulb	1054226	30228	33.6	6.584	900		37.5					90
Dew Point	586448	21942	24.4	7.569	900	.3	78.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 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								.2	.1									3	3		
60/ 59							.1		.1									2	2		
58/ 57							.4		.1									5	5		
56/ 55							.3	.4	.4									11	11		
54/ 53					.1	.1	1.0	.3	.3									17	17		
52/ 51				.2	.7	.4	1.3	.3										27	27		
50/ 49				.1	.4	2.1	1.6	.4	.1									43	43		
48/ 47			.6	.3	1.9	2.0	.9	.2										53	53	3	
46/ 45			.6	1.1	2.6	2.1	.8											64	64	10	
44/ 43		.1	.7	1.4	2.7	1.2	.4	.1										60	60	23	
42/ 41		1.4	1.7	2.3	3.7	.9	.6											92	92	37	2
40/ 39		.4	2.0	2.4	3.2	.8	.2											82	82	100	8
38/ 37		.6	1.1	3.0	1.9	.3												62	62	84	16
36/ 35		.4	2.9	2.7	1.6	.2												70	70	95	29
34/ 33	.1	1.1	1.6	4.1	1.2													73	73	99	29
32/ 31	.3	.6	2.8	1.8	.3													52	52	96	60
30/ 29	.4	1.4	1.8	.9	.1													42	42	82	64
28/ 27	.4	2.0	2.8	1.0														56	56	101	94
26/ 25	.3	1.9	1.3	.8														39	39	59	99
24/ 23	.4	.7	.7	.1														17	17	51	97
22/ 21		.2	.7	.1														9	9	19	96
20/ 19		.4	.1															5	5	17	82
18/ 17		.7	.4	.1														11	11	9	62
16/ 15	.1	.1	.1	.2														5	5	8	60
14/ 13																				3	22
12/ 11																				3	24
10/ 9																				1	20
8/ 7																					16
6/ 5																					6
4/ 3																					5
2/ 1																					2
0/ -1																					2
-10/-11																					3

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | NOV 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	2.2	12.1	1.7	2.4	20.3	10.2	7.7	2.1	1.2										900	900	900	900

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.	3153846	51236	56.9	16.238	900							
Dry Bulb	1377629	34435	38.2	8.681	900		23.6					90
Wet Bulb	967652	28918	32.1	6.543	900		44.9					90
Dew Point	534247	20831	23.1	7.613	900	.5	81.4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | NOV 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
66/ 65							.0		.0	.0	.1	.0						14	14		
64/ 63							.0	.0	.1	.2	.2							34	34		
62/ 61					.0	.0	.0	.2	.2	.3	.0							54	54		
60/ 59							.2	.4	.5	.2								89	89		
58/ 57					.0	.1	.4	.6	.5	.2								125	125		
56/ 55				.0		.3	.6	1.0	.3	.1								167	167		
54/ 53					.2	.7	1.2	.7	.4	.0								228	228	2	
52/ 51				.1	.4	.9	1.4	.7	.2	.0								261	261	3	
50/ 49			.0	.2	.8	1.8	1.6	.5	.1									373	373	7	
48/ 47			.3	.5	1.2	1.8	.9	.3	.0									360	360	60	1
46/ 45		.1	.4	1.2	1.9	1.9	.7	.1										457	457	175	2
44/ 43		.3	.8	1.6	2.1	1.5	.5	.0										491	491	312	5
42/ 41	.0	.6	1.2	2.2	2.5	1.3	.2											580	580	452	24
40/ 39		.4	1.9	2.5	2.5	.7	.2											588	588	621	53
38/ 37	.0	.6	1.8	2.3	2.3	.6	.1											552	552	711	136
36/ 35		.7	2.0	2.6	1.5	.3												513	513	762	238
34/ 33	.2	.9	1.9	2.7	.9	.2												479	479	730	327
32/ 31	.2	1.3	2.4	1.7	.6	.0												446	446	702	486
30/ 29	.3	1.4	1.8	1.5	.3													369	369	687	606
28/ 27	.7	1.2	1.7	.8	.1													322	322	617	710
26/ 25	.4	1.2	1.4	.5	.0													253	253	439	812
24/ 23	.3	.8	.8	.2	.1													160	160	355	667
22/ 21	.1	.6	.5	.1	.0													102	102	221	720
20/ 19	.1	.6	.3	.1														74	74	133	653
18/ 17	.0	.4	.3	.1														56	56	85	487
16/ 15	.1	.1	.1	.1														35	35	55	368
14/ 13		.1	.0	.0														14	14	38	276
12/ 11		.1																4	4	23	220
10/ 9																				10	139
8/ 7																					100
6/ 5																					75
4/ 3																					30
2/ 1																					23
0/ -1																					8

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70, 73-77 YEARS | NOV 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
-2/ -3																					4
-4/ -5																					3
-6/ -7																					3
-8/ -9																					5
-10/-11																					17
-14/-15																					2
TOTAL	2.4	11.3	19.7	21.1	17.4	12.1	8.0	4.5	2.2	1.0	.3	.0						7200	7200	7200	7200

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.	24196802	398628	55.4	17.188	7200							
Dry Bulb	11828044	283160	39.3	9.804	7200		183.5					720
Wet Bulb	8088621	235889	32.8	7.075	7200		336.5					720
Dew Point	4359541	168025	23.3	7.803	7200	4.2	641.4					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | DEC MONTH

0000-0200 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
52/ 51							.3											3	3		
50/ 49					.1	.1	.3	.2										7	7		
48/ 47				.3	.1	.4	.2											10	10		
46/ 45				.2	.3	.4	.1											10	10		
44/ 43			.3	.5	.4													12	12		
42/ 41		.1	.3	1.3	.5	.2												23	23	7	
40/ 39		.2	.9	.4	1.1	.1												25	25	13	
38/ 37		1.0	2.0	1.2	.8	.2												46	48	24	2
36/ 35		.5	3.2	1.5	.4													53	53	38	11
34/ 33	.4	1.4	1.9	1.1	.5													50	50	43	13
32/ 31	.5	1.3	3.3	3.0	.3													79	79	76	22
30/ 29	.9	2.2	4.7	3.3	.3													106	106	60	50
28/ 27	.8	3.3	3.8	2.0	.2													94	94	88	51
26/ 25	1.5	3.2	4.1	1.0														91	91	121	51
24/ 23	.5	3.9	2.5															64	64	101	79
22/ 21	.4	4.0	2.2															61	61	93	76
20/ 19	.9	3.3	.9															47	47	80	71
18/ 17	.2	4.1	.8															47	47	43	77
16/ 15	.1	3.5	.5															39	39	52	100
14/ 13	.4	.9	.2															14	14	32	84
12/ 11		1.8	.1															18	18	21	71
10/ 9	.2	1.3	.2															16	16	16	61
8/ 7		.8	.1															8	8	11	33
6/ 5		.4	.1															5	5	7	35
4/ 3																				4	17
2/ 1																					9
0/ -1																					3
-2/ -3																					5
-4/ -5																					7
-10/-11																					1
-12/-13																					1
TOTAL	6.9	37.2	32.2	15.9	5.2	1.5	1.0	.2											930		930
																		930		930	

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	4506609	63325	68.1	14.473	930							
Dry Bulb	773780	25584	27.5	8.679	930		68.9					93
Wet Bulb	601785	22635	24.3	7.400	930		80.5					93
Dew Point	355889	16527	17.8	8.182	930	1.7	90.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION — HILL AFB/OGDEN UTAH STATION NAME — (n=70,73-77 YEARS — DEC 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
50/ 49						.2												2	2		
48/ 47				.1	.3	.3	.5											12	12		
46/ 45			.1		.6	.5	.1											13	13		
44/ 43			.5	.4	.5	.2												16	16		
42/ 41		.1	.3	1.1	.1	.2												17	17	4	
40/ 39		.4	.6	.4	.6	.2												22	22	11	
38/ 37		.4	1.3	1.4	.5													34	34	27	4
36/ 35		.5	3.4	1.4	.3													53	53	30	4
34/ 33		1.3	1.1	1.7	.5													43	43	33	13
32/ 31	1.2	1.6	3.0	3.7	.4													92	92	79	27
30/ 29	.1	3.2	4.0	1.9	.1													87	87	48	34
28/ 27	.9	4.2	3.0	2.2	.2													97	97	92	54
26/ 25	.8	2.9	4.2	1.2														84	84	114	49
24/ 23	.6	4.2	3.1	.5														79	79	91	68
22/ 21	.3	6.2	1.7															77	77	109	73
20/ 19	.3	2.5	2.0															45	45	86	83
18/ 17	.5	4.3	.5															50	50	59	74
16/ 15	.3	2.3	.6															30	30	47	100
14/ 13	.4	2.2	.2															26	26	30	78
12/ 11	.3	1.6																18	18	25	79
10/ 9	.1	.9																9	9	20	57
8/ 7		1.1																10	10	3	41
6/ 5		1.1																10	10	12	37
4/ 3	.1	.3																4	4	9	21
2/ 1																				1	13
0/ -1																					4
-2/ -3																					5
-4/ -5																					6
-6/ -7																					5
-8/ -9																					1
TOTAL	6.0	41.3	29.9	16.0	4.4	1.7	.6											930	930		930
																		930		930	

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	4517368	63476	68.3	14.108	930							
Dry Bulb	737042	24910	26.8	8.670	930		71.8					93
Wet Bulb	575352	22066	23.7	7.467	930		82.5					93
Dew Point	337849	15967	17.2	6.282	930	2.1	90.9					93

USAFETAC FORM 0 26-5 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | DEC MONTH

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
54/ 53								.1										1	1		
52/ 51							.1											1	1		
50/ 49						.3	.1											4	4		
48/ 47				.1	.2	.1												4	4		
46/ 45			.2	.1	.8	.3	.4											17	17		
44/ 43			.3	.9	.2	.3												16	16		
42/ 41		.3	.2	.5	.1	.1												12	12	4	
40/ 39		.1	.6	1.0	1.2	.1												28	28	20	
38/ 37		.0	1.3	.5	1.0													33	33	18	4
36/ 35		.8	2.3	.8	.5													40	40	30	6
34/ 33		1.0	1.8	1.5	.2													42	42	32	14
32/ 31	.9	1.6	2.7	3.2	.2													80	80	59	21
30/ 29	.3	3.0	3.8	1.9	.4													88	38	50	35
28/ 27	1.7	3.4	2.5	3.0	.1													100	100	100	45
26/ 25	1.3	3.1	2.4	.6														79	79	112	63
24/ 23	.4	3.6	2.9	.6														70	70	80	62
22/ 21	.2	6.7	1.8	.2														83	83	95	51
20/ 19	.4	3.9	2.3															61	61	102	82
18/ 17	.5	3.9	1.1															51	51	59	85
16/ 15	.4	2.7	.8															36	36	52	98
14/ 13	.3	1.6	.3															21	21	37	78
12/ 11	.4	2.4																26	26	24	72
10/ 9		1.0																9	9	25	60
8/ 7	.1	1.0																10	10	8	38
6/ 5	.1	.8																8	8	7	39
4/ 3	.2	.3																5	5	9	32
2/ 1		.3																3	3	4	15
0/ -1	.1																	1	1	2	11
-2/ -3																					6
-4/ -5																					1
-6/ -7																					8
-8/ -9																					3
TOTAL	7.5	42.1	28.3	15.1	5.0	1.3	.6	.1										929	929	929	929

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.	4550146	63648	68.5	14.587	929							
Dry Bulb	713577	24381	26.2	8.913	929	.1	73.2					93
Wet Bulb	557861	21613	23.3	7.701	929	.2	82.6					93
Dew Point	326732	15520	16.7	8.526	929	2.9	90.6					93

FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 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
54/ 53							.1											1	1		
52/ 51						.2	.3											5	5		
50/ 49					.3	.5	.1											9	9		
48/ 47				.3		.1	.2											6	6		
46/ 45			.1	.5	.5		.1											12	12		
44/ 43			.8	.6	.6	.5	.1											25	25	1	
42/ 41		.1	.3	.9	.2	.8												21	21	15	
40/ 39		.4	1.2	1.5	.6	.3												38	38	18	
38/ 37		.3	1.0	1.0	1.9	.2												47	47	23	4
36/ 35		.8	2.5	1.6	1.5	.1												60	60	31	16
34/ 33	.3	1.2	2.5	2.6	1.3	.1												74	74	51	11
32/ 31	.6	2.0	3.1	2.7	.9													87	87	73	31
30/ 29	.6	2.4	3.5	2.4	.4													87	87	84	42
28/ 27	.8	3.1	3.2	1.2	.2													79	79	106	46
26/ 25	.8	2.7	3.4	.8														71	71	104	77
24/ 23	.6	4.2	2.9	.5														77	77	92	46
22/ 21	.6	4.7	2.3															71	71	93	65
20/ 19	.5	2.4	1.2	.1														39	39	77	98
18/ 17	.1	2.3	1.2															33	33	40	98
16/ 15		1.9	.4															22	22	31	110
14/ 13	.4	2.0																23	23	29	74
12/ 11	.3	1.2																14	14	23	49
10/ 9		1.4	.2															15	15	15	38
8/ 7		.8																7	7	11	43
6/ 5		.2																2	2	8	21
4/ 3		.4																4	4	1	24
2/ 1		.1																1	1	3	20
0/ -1																				1	4
-2/ -3																					4
-4/ -5																					6
-6/ -7																					3
TOTAL	5.8	34.6	29.8	17.3	8.6	2.9	1.0												930		930
																		930		930	

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.	4326662	61882	66.5	15.001	930							
Dry Bulb	825648	26418	28.4	8.997	930		63.2					93
Wet Bulb	631073	23177	24.9	7.586	930	.1	79.1					93
Dew Point	366060	16750	18.0	8.325	930	1.7	89.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION — HILL AFB/OGDEN UTAH STATION NAME — 66-70, 73-77 YEARS — DEC MONTH

PAGE 1 — 1200-1400 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								.1										1	1		
54/ 53						.2	.2											4	4		
52/ 51					.1	.6		.1										8	8		
50/ 49					.4	.1	.5	.1										11	11		
48/ 47			.1	.2	1.2	.9	.1	.1										24	24		
46/ 45			.1	.4	1.0	1.0	.6											29	29		
44/ 43			.4	1.0	1.0	.6	.1											29	29	8	
42/ 41		.3	1.0	1.5	1.0	1.5	.2											51	51	16	
40/ 39			.6	2.0	2.8	1.4	.1											65	65	29	
38/ 37			1.2	2.5	3.1	.6												69	69	35	6
36/ 35	.1	1.0	2.6	3.6	1.7	.1												84	84	54	8
34/ 33	.5	1.5	2.4	4.4	.8													89	89	73	25
32/ 31	.3	2.5	3.4	1.9	.4													80	80	115	44
30/ 29	.2	2.2	4.8	2.0	.2													88	88	114	51
28/ 27	.2	2.6	3.7	.5														65	65	119	54
26/ 25	.1	3.4	2.4	.2														57	57	113	76
24/ 23	.6	3.9	1.4															55	55	70	63
22/ 21	.0	2.2	1.3															38	39	67	92
20/ 19		2.4	1.0															31	31	32	121
18/ 17		.4	.4	.2														10	10	30	116
16/ 15	.1	1.3	.4															17	17	10	94
14/ 13	.4	1.0																13	13	20	56
12/ 11		.5	.3															8	8	13	37
10/ 9		.2																2	2	7	30
8/ 7		.1																1	1	3	15
6/ 5																				1	18
4/ 3																					6
2/ 1																					5
0/ -1																					4
-2/ -3																					3
-4/ -5																					3
TOTAL	3.3	25.4	27.6	20.6	13.7	7.1	1.9	.4										930			929
																		929		529	

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	3867483	58197	62.6	15.458	929							
Dry Bulb	1036837	30011	32.3	8.580	930		46.6					93
Wet Bulb	763427	25877	27.9	6.778	929		71.5					93
Dew Point	426425	18699	20.1	7.344	929	1.0	89.1					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 70,73-77 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
60/ 59								.1										1	1		
58/ 57							.1											1	1		
56/ 55							.1	.1										2	2		
54/ 53						.3												3	3		
52/ 51					.3			.1										4	4		
50/ 49					.5	.3	.3	.2										13	13		
48/ 47				.4	.8	.6	.4	.3										24	24		
46/ 45			.1	.8	.4	.5	.4											21	21	2	
44/ 43			.0	1.2	.6	.3	.2											28	28	8	
42/ 41		.1	1.0	2.0	1.4	1.3												54	54	12	
40/ 39			.9	2.4	2.7	1.1												65	65	25	
38/ 37		.5	1.0	1.7	2.7	.8												62	62	40	2
36/ 35	.2	1.5	2.5	2.7	1.4	.1												78	78	58	15
34/ 33	.3	2.0	4.2	3.6	.6													101	101	73	34
32/ 31	.3	2.0	4.2	2.8	.4													91	91	120	34
30/ 29	.1	2.5	4.2	1.8														80	80	108	58
28/ 27	.1	5.0	2.9	.3														77	77	120	55
26/ 25		2.6	3.1	.3														56	56	118	73
24/ 23	.4	2.7	1.6															44	44	64	86
22/ 21	.9	2.2	1.0															37	37	58	105
20/ 19	.4	2.6	1.1															38	38	40	104
18/ 17	.2	1.2	.6															19	19	31	98
16/ 15	.3	1.0	.5															17	17	21	109
14/ 13	.1	.3	.3															7	7	18	56
12/ 11		.1	.1															2	2	7	39
10/ 9		.2	.2															4	4	1	13
8/ 7																				5	18
6/ 5																					11
4/ 3																					6
2/ 1																					7
0/ -1																					2
-2/ -3																					2
-4/ -5																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	s	No. OL.	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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 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
TOTAL	3.4	26.5	30.1	20.0	12.1	5.4	1.6	.9										929	929	929	929

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.	4026787	59501	64.0	15.251	929							
Dry Bulb	1028969	29919	32.2	8.396	929		47.3					93
Wet Bulb	768221	25993	28.0	6.643	929		71.2					93
Dew Point	443137	19157	20.6	7.199	929	.6	87.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | DEC 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
54/ 53							.3											3	3		
52/ 51						.4												4	4		
50/ 49					.3			.1	.1									5	5		
48/ 47				.1	.3	.2	.4	.1										11	11		
46/ 45			.1	.2	.2	.8	.3											15	15		
44/ 43			.2	.5	.4	.1												12	12		
42/ 41			1.3	.9	.5	.1	.1											27	27	14	
40/ 39		.3	1.2	1.5	1.0													37	37	5	
38/ 37		.6	1.2	1.0	1.4	.1												40	40	31	1
36/ 35	.2	1.8	2.5	2.6	1.1													76	76	50	8
34/ 33	.5	2.4	2.9	2.6	1.3													90	90	65	28
32/ 31	.6	2.5	5.0	2.2	.5													100	100	67	49
30/ 29	.3	1.2	6.3	1.7	.4													92	92	89	40
28/ 27	.2	5.1	4.9	.9														102	102	116	48
26/ 25	.3	3.5	3.3	.2														68	68	134	66
24/ 23	.8	2.4	2.2															49	49	99	65
22/ 21	.5	2.5	1.5															42	42	57	97
20/ 19	.8	4.4	1.6															63	64	56	108
18/ 17	.2	2.1	.6															27	27	61	89
16/ 15	.5	1.4	.5															23	23	24	97
14/ 13	.2	2.3	.6															29	29	29	65
12/ 11		.3	.1															4	4	19	58
10/ 9		.3																3	3	5	38
8/ 7		.1																1	1	3	25
6/ 5		.3																3	3	2	19
4/ 3																				2	6
2/ 1																					10
0/ -1																					1
-2/ -3																					4
-4/ -5																					3
-6/ -7																					1
TOTAL	5.3	33.5	36.1	14.4	7.6	1.7	1.2	.2	.1										927		926
																		926		926	

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.	4446016	62760	67.8	14.423	926							
Dry Bulb	858739	27165	29.3	8.228	927		60.9					93
Wet Bulb	666919	24011	25.9	6.891	926		76.4					93
Dew Point	402228	17948	19.4	7.066	926	.9	89.3					92

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 — STATION
HILL AFB/OGDEN UTAH — STATION NAME
66-70,73-77 — YEARS
DEC — 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					
52/ 51						.1													1	1		
50/ 49					.1	.5	.1	.1											8	8		
48/ 47				.1		.2	.4	.1											8	8		
46/ 45			.2	.4	.1	.5	.1												13	13		
44/ 43			.1	.6	.4	.3													14	14	1	
42/ 41			.4	.9	.4														16	16	5	
40/ 39		.5	.8	1.5	.4	.1													31	31	12	1
38/ 37		.8	2.7	1.5	.9	.2													56	56	20	1
36/ 35	.1	.9	2.3	2.5	.3	.1													57	57	46	8
34/ 33	.4	2.3	1.9	2.6	.2														69	69	60	15
32/ 31	1.2	1.9	2.6	2.8	.2														81	81	77	51
30/ 29	.4	2.9	3.8	2.8	.5														97	97	69	37
28/ 27	.6	4.2	5.4	1.3															107	107	93	47
26/ 25	.4	5.4	3.7	.2															90	90	120	65
24/ 23	.1	2.7	2.1																45	45	115	68
22/ 21	.2	3.1	1.0																40	40	71	74
20/ 19	.6	4.0	1.5																64	65	56	83
18/ 17	.1	4.2	.4																44	44	58	92
16/ 15	.5	2.3	.6																32	32	43	105
14/ 13	.4	1.3	.2																18	18	33	67
12/ 11		1.5	.5																19	19	18	73
10/ 9	.1	.9																	9	9	16	43
8/ 7		.4																	4	4	6	36
6/ 5		.3																	3	3	4	26
4/ 3																					3	12
2/ 1																						6
0/ -1																						8
-2/ -3																						3
-4/ -5																						3
-6/ -7																						1
-8/ -9																						1
TOTAL	5.4	40.4	30.2	17.3	3.7	2.2	.6	.2											926	927	926	926

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.	4523679	63379	68.4	14.172	926							93
Dry Bulb	797257	26037	28.1	8.439	927		65.6					93
Wet Bulb	623532	23084	24.9	7.209	926		78.5					93
Dew Point	377692	17116	18.5	7.981	926	1.6	90.5					

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | DEC 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				
60/ 59								.0										1	1		
58/ 57							.0											1	1		
56/ 55							.0	.0										3	3		
54/ 53						.1	.1	.0										12	12		
52/ 51					.1	.2	.1	.0										26	26		
50/ 49					.2	.3	.2	.1	.0									59	59		
48/ 47			.0	.2	.4	.4	.3	.1										99	99		
46/ 45			.1	.3	.5	.5	.3											130	130	2	
44/ 43			.4	.7	.5	.3	.1											152	152	18	
42/ 41		.1	.6	1.1	.5	.5	.0											221	221	77	
40/ 39		.3	.8	1.3	1.3	.4	.0											311	311	133	1
38/ 37		.6	1.5	1.4	1.5	.3												389	389	218	24
36/ 35	.1	1.0	2.7	2.1	.9	.1												501	501	337	76
34/ 33	.3	1.6	2.3	2.5	.7	.0												558	558	430	153
32/ 31	.7	1.9	3.4	2.8	.4													690	690	666	279
30/ 29	.4	2.4	4.4	2.2	.3													725	725	622	347
28/ 27	.7	3.9	3.7	1.4	.1													721	721	834	400
26/ 25	.6	3.4	3.5	.6														596	596	936	520
24/ 23	.5	3.4	2.3	.2														483	483	712	539
22/ 21	.5	3.9	1.6	.0														449	450	643	633
20/ 19	.5	3.3	1.4	.0														388	390	527	750
18/ 17	.2	2.8	.7	.0														281	281	381	729
16/ 15	.3	2.0	.6															216	216	280	813
14/ 13	.3	1.4	.2															151	151	228	558
12/ 11	.1	1.2	.1															109	109	150	478
10/ 9	.1	.8	.1															67	67	105	340
8/ 7	.0	.5	.0															41	41	50	249
6/ 5	.0	.4	.0															31	31	41	206
4/ 3	.0	.1																13	13	28	124
2/ 1		.1																4	4	8	85
0/ -1	.0																	1	1	3	37
-2/ -3																					32
-4/ -5																					31
-6/ -7																					18

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 66-70,73-77 YEARS | DEC 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
-8/ -9																					5
-10/-11																					1
-12/-13																					1
TOTAL	5.5	35.1	30.5	17.1	7.5	3.0	1.1	.3	.0										7432		7429
																		7429		7429	

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.	3477750	496168	66.8	14.835	7429							
Dry Bulb	677849	214425	28.9	8.875	7432	.1	497.4					744
Wet Bulb	5187770	188456	25.4	7.403	7429	.3	622.3					744
Dew Point	3033612	137684	18.5	8.054	7429	12.5	718.6					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION — HILL AFB/OGDEN UTAH STATION NAME — 66-70,73-78 YEARS — ALL 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
104/103																	.0	1	1		
102/101																	.0	1	1		
100/ 99																	.0	7	7		
98/ 97																	.0	37	37		
96/ 95										.0						.0	.2	154	154		
94/ 93										.0	.0		.0	.0	.0	.1	.3	346	346		
92/ 91										.0			.0	.0	.1	.1	.4	540	540		
90/ 89									.0			.0	.0	.1	.2	.2	.4	766	766		
88/ 87									.0	.0	.0	.0	.1	.2	.3	.2	.3	929	930		
86/ 85									.0	.0	.0	.1	.2	.3	.2	.2	.2	1031	1032		
84/ 83						.0			.0	.0	.1	.2	.2	.2	.3	.2	.1	1218	1219		
82/ 81						.0	.0	.0	.0	.1	.2	.3	.3	.3	.2	.1	.0	1361	1362		
80/ 79						.0	.0	.0	.1	.2	.2	.4	.4	.3	.2	.1	.0	1642	1642		
78/ 77			.0		.0	.0	.0	.1	.1	.2	.3	.4	.4	.2	.1	.0	.0	1644	1644	1	
76/ 75					.0	.0	.0	.1	.2	.3	.4	.5	.4	.2	.1	.0		1945	1945	4	
74/ 73			.0		.0	.0	.1	.2	.3	.4	.5	.4	.2	.1	.0			2025	2025	3	
72/ 71				.0	.0	.1	.2	.3	.4	.5	.6	.3	.2	.1	.0			2298	2298	3	2
70/ 69		.0	.0	.0	.1	.1	.2	.3	.5	.6	.5	.4	.1	.0				2553	2555	10	4
68/ 67		.0	.0	.0	.1	.2	.3	.4	.6	.6	.4	.2	.1	.0				2524	2528	92	5
66/ 65		.0	.0	.1	.1	.2	.3	.4	.6	.5	.3	.1	.0					2526	2530	359	5
64/ 63		.0	.0	.1	.1	.2	.4	.5	.6	.5	.3	.1						2406	2406	989	25
62/ 61	.0	.0	.0	.1	.2	.3	.4	.6	.5	.4	.1	.0						2286	2288	1801	90
60/ 59		.0	.0	.1	.2	.3	.6	.6	.6	.3	.1	.0						2448	2451	2779	169
58/ 57		.0	.0	.1	.3	.4	.6	.7	.5	.2	.0							2499	2500	3226	318
56/ 55		.0	.1	.2	.3	.5	.7	.7	.3	.1								2542	2542	3955	558
54/ 53		.0	.2	.2	.3	.6	.8	.5	.3	.0								2544	2544	4094	768
52/ 51	.0	.1	.2	.3	.4	.7	.7	.4	.1	.0								2562	2562	4229	1165
50/ 49	.0	.1	.2	.4	.5	.9	.7	.3	.0	.0								2762	2762	4025	1630
48/ 47	.0	.1	.3	.4	.7	.9	.6	.2	.0									2797	2797	4119	2079
46/ 45	.0	.1	.4	.7	.9	.8	.4	.1	.0									2979	2979	4070	2615
44/ 43	.0	.2	.4	.8	1.0	.7	.2	.0	.0									2910	2910	4004	2904
42/ 41	.0	.2	.6	1.1	.9	.5	.1	.0										3125	3125	4061	3463
40/ 39	.0	.3	.9	1.2	1.0	.4	.1	.0										3410	3410	4265	3838
38/ 37	.0	.5	1.1	1.2	.9	.2	.0											3445	3445	4470	4025

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24101 STATION — HILL AFB/OGDEN UTAH STATION NAME — 66-70,73-78 YEARS — ALL 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				
36/ 35	.0	.7	1.3	1.3	.6	.1	.0											3502	3502	4688	4879
34/ 33	.2	.9	1.2	1.3	.3	.0	.0											3392	3392	4868	4912
32/ 31	.3	1.1	1.4	1.0	.2	.0												3492	3492	4657	5955
30/ 29	.2	.9	1.5	.7	.1													2994	2995	4444	5790
28/ 27	.2	1.0	1.2	.4	.0													2504	2504	4008	5810
26/ 25	.2	.9	1.1	.3	.0													2174	2174	3560	5946
24/ 23	.2	.8	.8	.1	.0													1602	1602	2641	5024
22/ 21	.1	.8	.6	.0	.0													1353	1354	2076	4887
20/ 19	.1	.8	.5	.0														1210	1212	1672	4581
18/ 17	.1	.7	.3	.0														927	927	1234	3779
16/ 15	.1	.5	.2	.0														703	703	953	3311
14/ 13	.1	.4	.1	.0														499	499	772	2329
12/ 11	.0	.3	.0															358	358	529	1827
10/ 9	.0	.2	.0															240	240	387	1434
8/ 7	.0	.2	.0															150	150	193	1077
6/ 5	.0	.1	.0															87	87	137	809
4/ 3	.0	.1																65	65	102	568
2/ 1	.0	.1																51	51	52	350
0/ -1	.0	.0																32	32	58	232
-2/ -3	.0	.0																5	5	13	132
-4/ -5	.0																	2	2	2	96
-6/ -7																					78
-8/ -9																					65
-10/-11																					54
-12/-13																					10
-14/-15																					7
TOTAL	1.8	12.2	14.8	12.0	9.4	8.2	7.4	6.5	5.8	4.9	4.1	3.4	2.7	2.0	1.6	1.2	1.9	87605	87629	87605	87605

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.	251632084	4340066	49.52	20.445	87605							
Dry Bulb	254233236	4395070	50.21	19.639	87629	3.9	1843.3	2103.7	1365.5	725.1	54.6	8760
Wet Bulb	152679631	3477691	39.71	12.920	87605	7.3	2746.7	11.4	.9	.1		8760
Dew Point	86843911	2555115	29.21	11.859	87605	67.4	5412.5	1.2	.1	.1		8760

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-78 (YEARS)

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	25.8	30.2	35.6	41.9	51.5	61.1	70.7	68.7	59.5	47.0	37.1	27.5	46.5
	S D	10.111	7.789	8.933	8.138	8.558	8.452	5.679	6.497	8.160	8.596	8.775	8.679	17.308
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
03-05	MEAN	25.1	29.1	34.0	40.2	49.1	58.0	67.3	65.2	56.6	45.1	35.8	26.8	44.5
	S D	10.334	8.063	8.843	7.752	8.070	8.015	5.493	6.253	7.897	8.553	8.669	8.670	16.418
	TOTAL OBS	930	845	930	900	930	900	930	930	900	930	900	930	10955
06-08	MEAN	24.5	28.2	33.5	40.5	50.9	60.2	68.5	65.4	55.9	44.0	34.8	26.2	44.5
	S D	10.528	8.369	8.782	7.849	8.405	8.075	5.483	6.174	7.827	8.377	8.554	8.913	17.026
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	929	10955
09-11	MEAN	26.3	31.3	38.4	46.5	58.8	68.9	78.5	75.7	65.3	51.3	39.5	28.4	50.8
	S D	10.183	8.564	9.789	9.629	10.241	10.101	6.048	7.284	9.005	9.356	9.413	8.997	19.964
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
12-14	MEAN	30.1	36.3	43.1	50.6	63.5	74.1	85.0	82.6	72.5	57.6	44.6	32.3	56.1
	S D	9.085	8.356	10.586	10.848	11.094	11.367	6.332	7.854	9.549	10.438	10.227	8.580	21.021
	TOTAL OBS	930	846	930	900	930	900	930	930	900	929	900	930	10955
15-17	MEAN	30.7	37.5	44.3	51.8	64.7	75.6	86.9	84.2	73.7	57.9	44.6	32.2	57.1
	S D	8.908	8.499	10.624	11.099	11.212	11.564	6.486	8.145	9.712	10.669	10.024	8.396	21.401
	TOTAL OBS	930	846	929	900	929	900	930	929	900	930	900	929	10952
18-20	MEAN	28.1	34.2	40.9	48.4	60.7	71.8	82.2	78.8	67.5	51.7	40.1	29.3	52.9
	S D	9.624	8.019	9.823	10.021	10.495	11.042	6.576	7.990	9.171	9.144	8.935	8.228	20.484
	TOTAL OBS	930	846	930	900	930	900	930	927	900	930	900	927	10950
21-23	MEAN	27.0	32.0	37.8	44.5	55.0	65.3	74.9	72.1	62.3	48.3	38.7	28.1	48.9
	S D	9.781	7.916	9.167	8.899	9.109	9.469	5.884	6.864	8.288	8.572	8.681	8.439	18.359
	TOTAL OBS	930	846	930	900	930	900	930	927	900	930	900	927	10950
ALL HOURS	MEAN	27.2	32.3	38.5	45.5	56.8	66.9	76.7	74.1	64.2	50.4	39.3	28.9	50.2
	S D	10.055	8.783	10.324	10.259	11.223	11.702	9.317	9.986	10.794	10.487	9.804	8.875	19.639
	TOTAL OBS	7440	6767	7439	7200	7439	7200	7440	7433	7200	7439	7200	7432	87629

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

24101 STATION — HILL AFB/OGDEN UTAH STATION NAME — 66-70,73-78 YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV.	DEC	ANNUAL
00-02	MEAN	22.9	26.6	30.5	35.0	42.3	48.9	55.0	52.6	46.6	37.8	31.3	24.3	37.9
	S D	9.022	6.617	6.981	5.557	5.610	4.897	4.114	4.683	5.318	5.963	6.649	7.400	12.364
	TOTAL OBS	930	846	930	900	930	897	930	930	900	930	900	930	10953
03-05	MEAN	22.3	25.8	29.4	33.9	41.0	47.4	53.6	51.3	45.2	36.7	30.5	23.7	36.8
	S D	9.264	6.946	7.175	5.504	5.523	4.922	4.261	4.934	5.508	6.094	6.706	7.467	12.189
	TOTAL OBS	930	845	930	900	930	897	930	930	900	930	900	930	10952
06-08	MEAN	21.8	25.0	29.0	34.2	42.3	48.9	54.7	51.7	45.0	36.1	29.7	23.3	36.9
	S D	9.477	7.287	7.236	5.550	5.721	5.129	4.157	4.982	5.660	6.123	6.721	7.701	12.773
	TOTAL OBS	930	846	930	900	930	896	930	930	900	930	900	929	10951
09-11	MEAN	23.3	27.3	32.2	37.6	46.5	53.2	59.3	56.6	49.8	40.5	32.9	24.9	40.4
	S D	9.046	7.053	7.147	5.913	6.056	5.491	3.654	4.538	5.416	6.008	6.934	7.586	13.675
	TOTAL OBS	930	846	930	900	930	899	930	930	900	930	900	930	10955
12-14	MEAN	24.3	30.8	34.8	39.4	48.0	54.2	60.4	58.0	52.3	43.6	36.0	27.9	42.7
	S D	7.896	6.154	6.977	5.972	5.940	5.324	3.621	4.234	4.900	5.957	6.875	6.778	12.879
	TOTAL OBS	930	846	930	900	930	899	930	930	900	929	900	929	10953
15-17	MEAN	26.8	31.7	35.3	39.8	47.9	53.9	59.9	57.4	52.1	43.7	36.1	28.0	42.7
	S D	7.637	6.029	6.791	5.879	5.631	5.028	3.646	4.230	4.865	6.065	6.764	6.643	12.488
	TOTAL OBS	930	845	929	900	929	899	929	929	900	930	900	929	10948
18-20	MEAN	24.9	29.6	33.6	38.4	46.6	53.1	58.9	56.3	50.2	41.1	33.6	25.9	41.1
	S D	8.443	6.296	6.820	5.774	5.682	5.109	3.575	4.247	4.924	5.909	6.584	6.891	12.869
	TOTAL OBS	930	846	930	900	930	898	930	927	900	930	900	926	10947
21-23	MEAN	24.0	28.0	31.7	36.4	44.1	50.7	56.6	53.9	47.8	38.9	32.1	24.9	39.1
	S D	8.720	6.546	6.816	5.570	5.470	4.804	3.807	4.469	5.004	5.771	6.543	7.209	12.475
	TOTAL OBS	930	846	930	900	930	897	930	927	900	930	900	926	10946
ALL HOURS	MEAN	24.0	28.1	32.1	36.8	44.8	51.3	57.3	54.7	48.6	39.8	32.8	25.4	39.7
	S D	8.877	6.993	7.332	6.111	6.266	5.664	4.595	5.187	5.868	6.580	7.075	7.403	12.920
	TOTAL OBS	7440	6766	7439	7200	7439	7181	7439	7433	7200	7439	7200	7429	87605

USAF ETAC FORM OCT 75 0-99-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

24101 HILL AFB/OGDEN UTAH 66-70,73-78
STATION STATION NAME YEARS

HRS (L S T)		JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP.	OCT	NOV	DEC	ANNUAL
00-02	MEAN	16.5	19.9	22.3	25.7	32.5	38.3	43.5	39.9	34.3	26.5	22.5	17.8	28.3
	S D	10.154	7.672	8.028	7.047	7.238	6.644	7.498	8.421	8.030	7.497	7.637	8.187	11.799
	TOTAL OBS	930	846	930	900	930	897	930	930	900	930	900	930	10953
03-05	MEAN	15.9	19.3	21.8	25.1	32.0	37.7	42.9	39.6	33.8	25.8	22.0	17.2	27.8
	S D	10.419	7.935	8.297	7.049	7.098	6.552	7.366	8.484	8.019	7.647	7.766	8.282	11.887
	TOTAL OBS	930	845	930	900	930	897	930	930	900	930	900	930	10952
06-08	MEAN	15.4	18.6	21.4	25.4	33.0	39.2	44.4	40.3	34.1	25.7	21.4	16.7	28.0
	S D	10.618	8.247	8.404	6.907	6.881	6.454	6.805	8.132	7.939	7.622	7.814	8.526	12.390
	TOTAL OBS	930	846	930	900	930	896	930	930	900	930	900	929	10951
09-11	MEAN	16.5	20.1	23.0	26.7	35.1	41.6	47.5	43.6	36.7	28.2	23.3	18.0	30.1
	S D	10.184	7.824	8.008	6.994	7.073	6.790	6.256	7.278	7.610	7.249	8.048	8.325	12.724
	TOTAL OBS	930	846	930	900	930	899	930	930	900	930	900	930	10955
12-14	MEAN	19.0	22.2	23.7	26.5	34.3	40.0	46.2	42.5	36.6	29.2	24.9	20.1	30.5
	S D	9.164	6.871	7.684	7.006	7.145	7.031	7.227	7.540	7.342	7.230	7.579	7.344	11.585
	TOTAL OBS	930	846	930	900	930	899	930	930	900	929	900	929	10953
15-17	MEAN	19.5	22.8	23.3	26.0	33.0	38.6	44.1	40.3	35.4	29.1	25.1	20.6	29.9
	S D	8.897	6.688	7.847	7.159	7.274	7.049	7.523	8.126	7.852	7.456	7.593	7.199	10.961
	TOTAL OBS	930	845	929	900	929	898	929	929	900	930	900	929	10948
18-20	MEAN	18.1	22.2	23.2	26.4	33.5	39.4	44.6	41.0	35.8	29.4	24.4	19.4	29.8
	S D	9.607	7.154	7.993	7.170	7.205	6.932	7.455	8.155	7.608	7.264	7.569	7.666	11.496
	TOTAL OBS	930	846	930	900	930	898	930	927	900	930	900	926	10947
21-23	MEAN	17.5	21.0	22.6	26.1	33.0	38.9	44.1	40.0	34.6	27.5	23.1	18.5	28.9
	S.D	9.948	7.539	7.948	6.998	7.124	6.363	7.449	8.518	7.920	7.349	7.413	7.981	11.617
	TOTAL OBS	930	846	930	900	930	897	930	927	900	930	900	926	10946
ALL HOURS	MEAN	17.3	20.8	22.7	26.0	33.3	39.2	44.7	40.9	35.2	27.7	23.3	18.5	29.2
	S D	9.981	7.640	8.058	7.057	7.186	6.820	7.339	8.197	7.859	7.551	7.803	8.054	11.859
	TOTAL OBS	7440	6766	7439	7200	7439	7181	7439	7433	7200	7439	7200	7429	87605

USAF ETAC FORM OCT 75 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24101 STATION | HILL AFB/OGDEN UTAH STATION NAME | 67-70,73-78 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	100.0	100.0	100.0	98.9	91.4	71.2	42.6	20.8	4.9	68.6	930
	03-05	100.0	100.0	100.0	98.3	91.4	73.1	43.4	19.8	5.2	68.9	930
	06-08	100.0	100.0	100.0	98.9	92.0	74.1	44.0	19.7	4.7	69.2	930
	09-11	100.0	100.0	100.0	99.4	89.4	68.9	39.0	16.6	5.4	67.3	930
	12-14	100.0	100.0	100.0	97.2	83.3	55.9	30.3	14.4	3.2	64.3	930
	15-17	100.0	100.0	100.0	97.7	84.2	55.8	31.1	13.7	4.6	64.4	930
	18-20	100.0	100.0	100.0	98.2	87.2	64.2	41.2	21.1	6.2	67.3	930
	21-23	100.0	100.0	100.0	98.7	89.1	70.2	43.8	21.5	5.6	68.3	930
TOTALS		100.0	100.0	100.0	98.4	88.5	66.7	39.4	18.5	5.0	67.3	7440

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (PERIOD) FEB (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.5	97.0	87.9	67.4	37.9	17.4	7.1	67.0	846
	03-05	100.0	100.0	99.6	98.0	90.7	69.1	40.5	16.4	7.3	67.8	845
	06-08	100.0	100.0	99.6	98.6	90.7	70.8	43.4	18.4	6.5	68.4	846
	09-11	100.0	100.0	99.8	94.9	83.6	59.9	33.3	15.0	4.8	64.8	846
	12-14	100.0	99.9	97.0	87.5	66.0	42.0	22.2	12.2	4.1	58.8	846
	15-17	100.0	99.6	95.5	85.0	63.2	38.9	23.3	11.8	4.9	57.7	845
	18-20	100.0	99.8	99.3	94.0	79.2	54.0	31.7	16.0	4.7	63.3	846
	21-23	100.0	100.0	99.6	96.2	84.4	59.6	32.0	17.3	5.8	65.2	846
TOTALS		100.0	99.9	98.7	93.9	80.7	57.7	33.0	15.6	5.7	64.1	6766

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24101 HILL AFB/OGDEN UTAH — 67-70,73-78 — 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	100.0	100.0	97.6	87.5	70.3	46.6	28.2	14.1	5.3	60.5	930
	03-05	100.0	100.0	98.2	93.4	76.6	51.1	30.4	15.9	6.1	62.7	930
	06-08	100.0	100.0	98.2	94.5	78.5	51.6	30.1	14.8	5.8	63.1	930
	09-11	100.0	99.9	94.4	80.5	60.2	38.0	22.0	12.6	4.8	55.7	930
	12-14	100.0	97.8	83.7	63.0	41.4	25.5	17.3	9.1	3.5	49.8	930
	15-17	100.0	95.8	78.8	59.1	37.6	22.2	13.7	7.9	2.0	47.2	929
	18-20	100.0	99.1	87.7	72.6	49.4	29.9	18.3	9.0	3.4	52.4	930
	21-23	100.0	99.6	95.1	81.0	60.8	37.4	23.3	13.0	5.3	57.0	930
TOTALS		100.0	99.0	91.7	79.0	59.4	37.8	22.9	12.1	4.5	56.2	7439

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (PERIOD) APR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	99.1	91.9	78.6	57.4	36.0	23.3	10.4	2.2	55.5	900
	03-05	100.0	100.0	93.2	81.6	64.1	43.7	24.4	10.7	2.8	57.5	900
	06-08	100.0	99.9	94.3	81.7	63.7	42.4	22.4	10.2	4.0	57.6	900
	09-11	100.0	97.7	84.0	64.7	42.8	26.7	15.4	6.9	3.1	49.7	900
	12-14	100.0	90.7	70.8	46.7	28.1	18.6	11.7	6.7	1.8	43.4	900
	15-17	99.9	87.2	63.7	40.7	28.1	17.3	11.1	5.4	1.4	41.3	900
	18-20	100.0	94.6	75.2	53.7	36.0	24.4	15.4	7.4	1.9	46.5	900
	21-23	100.0	97.7	85.8	69.3	49.0	31.3	20.4	8.4	2.2	52.0	900
TOTALS		100.0	95.9	82.4	64.6	46.2	30.1	18.0	8.3	2.4	50.4	7200

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (PERIOD) MAY (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	99.0	88.9	66.5	46.3	28.8	17.4	8.1	2.3	51.4	930
	03-05	100.0	99.0	93.8	76.5	51.9	35.6	20.8	9.1	3.5	54.6	930
	06-08	100.0	99.8	94.4	73.0	48.4	29.6	16.5	8.0	2.2	52.9	930
	09-11	100.0	97.4	76.6	49.1	29.2	10.1	10.2	4.5	1.1	44.1	930
	12-14	100.0	87.0	56.2	31.5	18.0	10.9	6.1	2.9	1.2	37.0	930
	15-17	100.0	80.4	46.0	26.0	17.2	9.8	5.9	2.7	.6	34.4	929
	18-20	100.0	89.9	61.3	36.9	24.5	14.3	8.8	3.7	1.1	39.7	930
	21-23	100.0	98.0	79.9	53.7	35.4	22.7	12.8	6.2	1.6	46.8	930
TOTALS		100.0	93.8	74.6	51.7	33.9	21.0	12.3	5.7	1.7	45.1	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (PERIOD) JUN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	98.3	83.4	52.4	33.4	20.7	10.6	2.2	.4	45.9	897
	03-05	100.0	98.4	91.0	65.1	41.0	26.2	14.0	3.0	.7	49.5	897
	06-08	100.0	99.6	91.2	64.1	36.8	21.1	9.0	2.6	.7	48.2	896
	09-11	100.0	95.4	68.4	37.7	20.9	11.6	5.6	2.2	1.0	39.9	899
	12-14	100.0	78.9	41.8	22.1	12.0	6.6	3.4	1.2	.6	32.1	899
	15-17	99.3	67.8	33.5	18.8	10.5	5.7	2.9	1.3		29.6	898
	18-20	99.9	82.4	45.3	25.7	16.4	10.1	5.0	1.2	.2	34.2	898
	21-23	100.0	95.3	66.9	39.6	25.5	15.6	7.9	2.0		41.0	897
TOTALS		99.9	89.5	65.2	40.7	24.6	14.7	7.4	2.0	.5	40.1	7181

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24101 HILL AFB/OGDEN UTAH 67-70,73-78 JUL
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%		
JUL	00-02	100.0	97.1	72.8	38.5	18.3	9.5	3.2	1.0	.3	39.6	930
	03-05	100.0	97.8	83.9	50.8	25.3	11.6	4.5	1.3	.1	43.2	930
	06-08	100.0	98.9	88.5	53.8	25.2	10.3	3.2	.9		43.5	930
	09-11	100.0	95.8	60.5	25.3	8.9	2.9	1.1	.6	.1	35.2	930
	12-14	99.7	72.7	29.6	10.6	3.7	1.8	1.1	1.0	.4	27.6	930
	15-17	99.0	55.2	19.4	8.0	2.6	1.3	.9	.4	.2	24.3	929
	18-20	100.0	71.0	32.7	16.2	8.3	3.4	1.7	.6	.2	29.0	930
	21-23	100.0	91.5	55.8	27.8	14.4	6.8	2.7	1.0	.4	35.6	930
TOTALS		99.8	85.0	55.4	28.9	13.4	6.0	2.3	.9	.2	34.8	7439

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 67-70,73-78 (PERIOD) AUG (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	94.8	57.1	31.6	18.1	9.2	5.9	2.6	.4	37.6	930
	03-05	100.0	98.4	70.8	39.7	22.6	12.7	7.4	3.4		41.4	930
	06-08	100.0	99.1	78.2	42.6	22.7	11.5	6.3	2.0	.2	41.9	930
	09-11	100.0	90.6	49.6	23.4	11.0	4.0	1.4	.4		33.7	930
	12-14	100.0	61.8	25.7	10.0	4.1	2.2	1.1	.5	.3	26.2	930
	15-17	98.6	45.3	17.9	7.4	4.7	2.7	1.9	.8	.3	23.4	929
	18-20	99.6	67.5	31.6	16.7	8.7	4.4	2.0	1.0	.2	28.7	927
	21-23	100.0	86.0	44.8	26.0	14.5	8.6	4.5	2.0	.2	34.1	927
TOTALS		99.8	80.4	47.0	24.7	13.3	6.9	3.8	1.6	.2	33.4	7433

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (PERIOD) SEP (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%		
SEP	00-02	100.0	96.4	71.7	41.2	23.6	14.1	7.8	3.8	.8	41.6	900
	03-05	100.0	98.3	80.7	51.4	30.4	17.3	8.0	3.1	.8	44.8	900
	06-08	100.0	99.2	87.1	56.2	30.8	17.9	8.9	3.7	1.1	46.1	900
	09-11	100.0	93.8	60.8	29.2	15.4	8.1	4.9	2.3	1.1	37.1	900
	12-14	100.0	72.8	33.6	14.3	7.8	4.3	3.0	1.3	.2	29.4	900
	15-17	99.7	62.9	26.7	12.9	7.7	4.0	2.2	.9	.2	27.3	900
	18-20	100.0	83.9	48.0	24.8	13.6	7.7	3.9	2.0	.3	33.9	900
	21-23	100.0	91.2	62.8	34.0	19.8	11.2	6.9	2.2	.4	38.5	900
TOTALS		100.0	87.3	58.9	33.0	18.6	10.6	5.7	2.4	.6	37.3	7200

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (PERIOD) OCT (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	99.2	85.9	58.6	36.7	21.7	9.7	3.5	.4	47.2	930
	03-05	100.0	99.5	88.9	65.7	41.9	24.8	11.0	4.0	.4	49.3	930
	06-08	100.0	99.9	90.6	71.3	44.8	26.8	11.9	4.2	.2	50.7	930
	09-11	100.0	97.8	78.7	47.7	27.6	16.0	8.1	3.0	.1	43.5	930
	12-14	100.0	92.5	54.9	30.0	17.0	10.2	6.6	2.5	.6	37.0	929
	15-17	100.0	89.4	55.3	26.6	16.5	11.5	6.1	3.0	.3	36.5	930
	18-20	100.0	97.3	82.3	54.4	29.1	16.0	8.5	3.3	.3	44.9	930
	21-23	100.0	98.6	85.8	59.6	35.9	20.8	9.5	4.0	.5	47.0	930
TOTALS		100.0	96.8	77.8	51.7	31.2	18.5	8.9	3.4	.4	44.5	7439

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (PERIOD) NOV (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%		
NOV	00-02	100.0	100.0	96.7	84.7	61.7	40.1	22.8	11.4	3.2	57.8	900
	03-05	100.0	100.0	97.7	86.6	67.2	45.0	22.1	10.8	4.1	59.1	900
	06-08	100.0	100.0	98.2	88.7	70.8	46.4	25.2	12.3	3.4	60.2	900
	09-11	100.0	100.0	94.6	76.9	54.1	35.0	21.1	9.3	3.4	55.0	900
	12-14	100.0	99.4	87.0	62.2	37.1	24.4	14.1	7.6	1.7	48.9	900
	15-17	100.0	98.9	87.8	64.0	38.8	24.3	14.2	7.6	2.0	49.3	900
	18-20	100.0	100.0	95.2	80.7	59.6	33.6	18.7	9.2	2.8	55.7	900
	21-23	100.0	100.0	96.8	83.7	62.4	36.9	20.7	10.6	2.8	56.9	900
TOTALS		100.0	99.8	94.3	78.4	56.5	35.7	19.9	9.9	2.9	55.4	7200

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24101 (STATION) HILL AFB/OGDEN UTAH (STATION NAME) 66-70,73-77 (PERIOD) DEC (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	99.8	97.4	86.9	69.5	45.3	20.2	7.6	68.1	930
	03-05	100.0	100.0	100.0	97.3	88.0	68.8	46.1	20.2	5.9	68.3	930
	06-08	100.0	100.0	100.0	97.2	86.7	69.9	46.4	21.3	7.5	68.5	929
	09-11	100.0	100.0	100.0	95.3	83.2	67.6	38.8	18.9	6.5	66.5	930
	12-14	100.0	100.0	99.4	97.5	77.0	53.4	30.9	14.6	4.8	62.6	929
	15-17	100.0	100.0	99.1	93.6	80.3	57.8	34.7	16.8	5.0	64.0	929
	18-20	100.0	100.0	99.7	97.1	87.1	68.4	42.2	21.1	6.4	67.8	926
	21-23	100.0	100.0	99.8	97.8	89.4	68.7	44.5	21.3	6.3	68.4	926
TOTALS		100.0	100.0	99.7	96.0	84.8	65.5	41.1	19.3	6.3	66.8	7429

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24101 HILL AFB/OGDEN UTAH 66-70,73-78 ALL
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%		
JAN	ALL	100.0	100.0	100.0	98.4	88.5	66.7	39.4	18.5	5.0	67.3	7440
FEB		100.0	99.9	98.7	93.9	80.7	57.7	33.0	15.6	5.7	64.1	6766
MAR		100.0	99.0	91.7	79.0	59.4	37.8	22.9	12.1	4.5	56.2	7439
APR		100.0	95.9	82.4	64.6	46.2	30.1	18.0	8.3	2.4	50.4	7200
MAY		100.0	93.8	74.6	51.7	33.9	21.0	12.3	5.7	1.7	45.1	7439
JUN		99.9	89.5	65.2	40.7	24.6	14.7	7.4	2.0	.5	40.1	7181
JUL		99.8	85.0	55.4	28.9	13.4	6.0	2.3	.9	.2	34.8	7439
AUG		99.8	80.4	47.0	24.7	13.3	6.9	3.8	1.6	.2	33.4	7433
SEP		100.0	87.3	58.9	33.0	18.6	10.6	5.7	2.4	.6	37.3	7200
OCT		100.0	96.8	77.8	51.7	31.2	18.5	8.9	3.4	.4	44.5	7439
NOV		100.0	99.8	94.3	76.4	56.5	35.7	19.9	9.9	2.9	55.4	7200
DEC		100.0	100.0	99.7	96.0	84.8	65.5	41.1	19.3	6.3	66.8	7429
TOTALS		100.0	94.0	78.8	61.8	45.9	30.9	17.9	8.3	2.5	49.6	87605

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

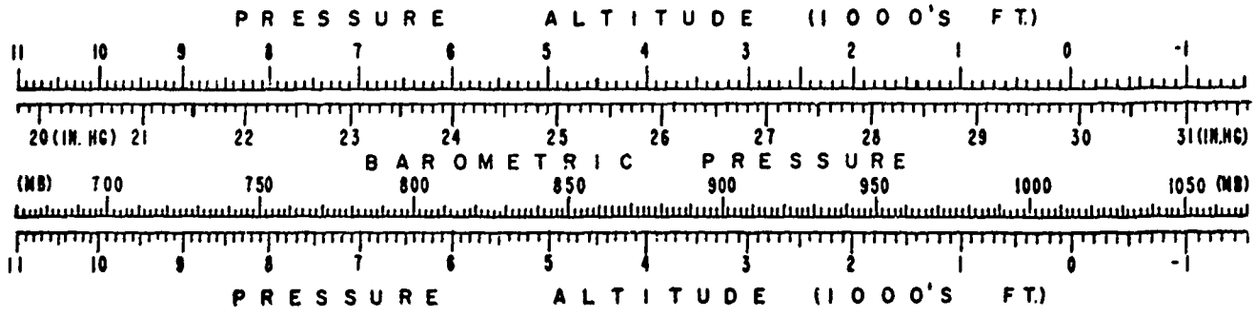
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided 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.



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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

24101 — STATION
HILL AFB/OGDEN UTAH — STATION NAME
66-70,73-78 — YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
02	MEAN	25.224	25.226	25.120	25.106	25.137	25.155	25.214	25.211	25.221	25.240	25.251	25.230	25.195
	S D	.201	.192	.180	.157	.144	.116	.086	.085	.115	.154	.185	.193	.163
	TOTAL OBS	310	282	310	300	310	300	310	310	300	309	300	310	3651
05	MEAN	25.220	25.221	25.113	25.105	25.141	25.164	25.227	25.219	25.227	25.247	25.248	25.228	25.197
	S D	.204	.193	.183	.162	.145	.115	.083	.083	.113	.157	.185	.194	.164
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
08	MEAN	25.228	25.234	25.133	25.129	25.166	25.190	25.256	25.249	25.252	25.268	25.264	25.237	25.217
	S D	.206	.194	.186	.167	.150	.117	.083	.082	.113	.158	.184	.197	.166
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
11	MEAN	25.254	25.254	25.150	25.141	25.173	25.195	25.264	25.259	25.266	25.282	25.283	25.260	25.232
	S D	.208	.196	.186	.168	.152	.119	.085	.084	.116	.159	.185	.200	.167
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
14	MEAN	25.217	25.224	25.125	25.121	25.150	25.172	25.235	25.230	25.235	25.250	25.247	25.221	25.202
	S D	.205	.193	.180	.164	.152	.118	.086	.087	.115	.153	.182	.196	.164
	TOTAL OBS	310	282	310	300	310	300	310	310	300	309	300	310	3651
17	MEAN	25.219	25.214	25.107	25.100	25.124	25.144	25.200	25.195	25.205	25.236	25.240	25.222	25.184
	S D	.200	.192	.178	.162	.151	.115	.088	.087	.119	.149	.178	.192	.163
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
20	MEAN	25.225	25.217	25.112	25.103	25.125	25.140	25.195	25.191	25.207	25.241	25.247	25.230	25.186
	S D	.199	.192	.176	.156	.143	.114	.088	.089	.120	.150	.178	.190	.162
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
23	MEAN	25.231	25.224	25.120	25.115	25.142	25.155	25.215	25.205	25.219	25.249	25.254	25.236	25.197
	S D.	.198	.194	.178	.155	.143	.114	.087	.089	.118	.153	.180	.191	.162
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
ALL HOURS	MEAN	25.227	25.227	25.123	25.115	25.145	25.164	25.226	25.220	25.229	25.253	25.254	25.233	25.201
	S D	.203	.193	.181	.162	.148	.117	.089	.089	.118	.155	.182	.194	.164
	TOTAL OBS	2480	2256	2480	2400	2480	2400	2480	2477	2400	2479	2400	2477	29208

USAF ETAC FORM OCT 75 0-89-5 (OL A)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

24101 STATION — HILL AFB/OGDEN UTAH STATION NAME — 66-70,73-78 YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
02	MEAN	1020.7	1019.6	1014.0	1012.2	1011.6	1010.8	1011.6	1011.8	1013.5	1016.8	1019.0	1020.4	1015.1
	S D	9.062	8.349	7.757	6.814	6.102	4.959	3.631	3.812	5.158	6.813	8.011	8.330	7.714
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
05	MEAN	1020.7	1019.5	1013.9	1012.3	1012.0	1011.3	1012.4	1012.4	1014.0	1017.1	1019.3	1020.6	1015.4
	S D	9.175	8.434	7.824	7.007	6.134	4.974	3.492	3.726	5.094	6.903	8.042	8.401	7.690
	TOTAL OBS	310	281	310	300	310	300	310	310	300	310	300	310	3651
08	MEAN	1021.4	1020.6	1015.1	1013.5	1013.1	1012.4	1013.7	1013.9	1015.5	1018.5	1020.3	1021.2	1016.6
	S D	9.408	8.666	7.990	7.081	6.200	4.866	3.450	3.582	5.043	7.058	8.027	8.629	7.700
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
11	MEAN	1022.1	1021.0	1015.5	1013.6	1013.1	1012.4	1013.7	1013.9	1015.5	1018.5	1020.6	1021.8	1016.8
	S D	9.380	8.600	7.827	7.084	6.254	4.878	3.571	3.623	5.074	6.811	7.872	8.730	7.761
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
14	MEAN	1020.4	1019.5	1014.3	1012.8	1012.1	1011.5	1012.5	1012.6	1014.1	1016.9	1018.9	1020.1	1015.4
	S D	9.182	8.377	7.606	6.969	6.332	4.948	3.579	3.756	5.119	6.620	7.652	8.389	7.525
	TOTAL OBS	310	282	310	300	310	300	310	310	300	309	300	310	3651
17	MEAN	1020.6	1019.2	1013.6	1012.0	1011.2	1010.5	1011.3	1011.4	1013.2	1016.7	1019.0	1020.4	1014.9
	S D	8.953	8.340	7.630	6.953	6.350	4.914	3.651	3.853	5.316	6.543	7.631	8.308	7.730
	TOTAL OBS	310	282	310	299	310	300	310	309	300	310	300	309	3649
20	MEAN	1021.2	1019.8	1014.2	1012.4	1011.3	1010.3	1011.2	1011.6	1013.7	1017.4	1019.7	1021.0	1015.3
	S D	9.032	8.524	7.729	6.735	6.038	4.961	3.658	3.876	5.420	6.741	7.725	8.269	7.867
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
23	MEAN	1021.1	1019.7	1014.2	1012.6	1011.7	1010.8	1011.7	1011.7	1013.6	1017.1	1019.4	1021.0	1015.4
	S D	8.941	8.532	7.695	6.785	6.063	4.994	3.651	3.943	5.332	6.734	7.795	8.288	7.775
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
ALL HOURS	MEAN	1021.0	1019.9	1014.4	1012.7	1012.0	1011.2	1012.3	1012.4	1014.1	1017.4	1019.5	1020.8	1015.6
	S D	9.146	8.484	7.770	6.942	6.213	4.987	3.702	3.885	5.257	6.803	7.870	8.426	7.746
	TOTAL OBS	2480	2255	2480	2399	2480	2400	2480	2477	2400	2479	2400	2477	29207