AD A147 184 HILL AFB UTAH REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS (RU..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. SEP 84 1/6

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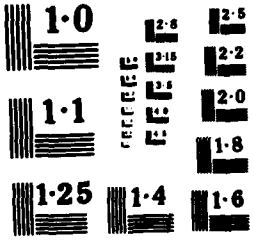
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AD-A147 184

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVIEW OF
SURFACE OBSERVATIONS

HILL AFB UT MSC #725755
N 41 07 W 111 58 ELEV 4788 FT HIF

PARTS A-F HOURS SUMMARIZED: 0000Z - 2300Z

PERIOD OF RECORD:
HOURLY OBSERVATIONS: JUN 74 - MAY 84
SUMMARY OF DAY DATA: OCT 41 - JAN 46, JUN 46 - MAY 84

TIME CONVERSION GMT TO LST: -7

05 SEP 1984

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Distribution Unlimited."

FEDERAL BUILDING
ASHEVILLE, N. C.

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

Wayne E. McCollom

WAYNE E. MCCOLLOM
Chief, Document Reference Section
USAFETAC/LDX

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER USAFETAC/DS- 84/029.	2 GOVT ACCESSION NO. AD A147124	3 RECIPIENT'S CATALOG NUMBER
4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- HILL AFB, OGDEN, UTAH		5 TYPE OF REPORT & PERIOD COVERED Final rept. 6 PERFORMING ORG REPORT NUMBER
7 AUTHOR(s)		8 CONTRACT OR GRANT NUMBER(s)
9 PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		10 PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11 CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		12 REPORT DATE SEP 84 13 NUMBER OF PAGES p. 320
14 MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		15 SECURITY CLASS (of this report) UNCLASSIFIED 15a DECLASSIFICATION DOWNGRADING SCHEDULE

16 DISTRIBUTION STATEMENT (of this Report)

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

18 SUPPLEMENTARY NOTES

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

*RUSSWO	Daily 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
*OGDEN

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

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

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APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

[illegible] observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

[illegible] 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

[illegible] each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations [illegible] number of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Ser[illegible] some foreign stations using similar reporting practices.

[illegible] otherwise noted the following summaries are included for this station.

PART A WEATHER CONDITIONS
- ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
- SNOWFALL
- SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY
- SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP
- EXTREME MAX & MIN TEMP
- PSYCHROMETRIC-DRY VS WET BULB
- MEAN & STD DEV. (DRY BULB, WET BULB, & DEW POINT)
- RELATIVE HUMIDITY

PART F STATION PRESSURE
- SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

[illegible] summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: [illegible] 0300-0600, 0600-0900, [illegible], 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 _____

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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.

STATION LOCATION AND INSTRUMENTATION HISTORY

AWS MSC NO.	NAME OF STATION	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
725755	HILL AFB UTAH	N 41 07	W 111 58	4788 Ft	HIF	

CHG NO.	GEOGRAPHICAL LOCATION AND NAME	TYPE OF STATION	AT THIS LOCATION FROM	AT THIS LOCATION TO	LATITUDE	LONGITUDE	ELEVATION ABOVE MSL FIELD (FT)	ELEVATION ABOVE MSL HT BARO	OBS PER DAY
1	Hill AFB UT	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
5	Same	Same	Sep 78	Oct 82	Same	Same	4788 Ft	4787 Ft	24
6	Same	Same	Nov 82	Mar 84	Same	Same	Same	Same	24

CHG NO.	DATE OF CHANGE	SURFACE EQUIPMENT INFORMATION: LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
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 or 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	
8	Jun 63	1. Located E and 1200 ft S along rnwy 14-32	GMQ-11	RO-2	13 Ft	

AWS FORM 2 NOV 83

DATE OF CHANGE	SURFACE EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
	2. Located E and 3200 ft N along rnwy 32-14	Same	Same	Same	
Apr 65	1. Located 1200 ft S along rnwy 14	Same	Same	Same	
	2. Located 3299 ft N along rnwy 32	Same	Same	Same	
Apr 68	1. Located 500 ft E of the centerline of rnwy 14 and 1200 ft from the approach end of rnwy 14	GMQ-20	Same	Same	
	2. Located 500 ft E of the centerline of rnwy 32 and 3299 ft from approach end of rnwy 32	Same	Same	Same	
Apr 69	1. Same	GMQ-11	RO-362	Same	
	2. Same	Same	Same	Same	
Aug 78	1. Same	Same	Same	Same	
	2. Same	Same	Same	Same	
Oct 82	1. Same	Same	Same	Same	
	2. Same	Same	Same	Same	
Mar 84	1. Same	Same	Same	Same	
	2. Same	Same	Same	Same	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72575 HILL AFB UT 75-84 JA

STATION STATION NAME YEARS

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
JAN	00-02		3.3	.6	16.3		20.0	24.5	14.0	.8		29.8	930
	03-05		3.7	.3	19.2		22.7	26.0	12.5	1.0		30.0	930
	06-08		3.7	.2	17.2		20.6	27.8	11.9	1.4		31.5	930
	09-11	.1	3.3		18.2		21.1	29.0	13.4	1.0		34.0	930
	12-14	.1	3.7		14.7		18.2	26.7	16.0	.2		34.6	930
	15-17	.1	2.5		12.3		14.5	26.0	18.5	.5		35.5	930
	18-20		3.1		10.3		13.1	28.1	18.7	1.1		36.8	930
	21-23		3.2	.1	16.2		19.2	26.2	16.8	1.0		33.9	930
TOTALS		.0	3.3	.2	15.6		18.7	26.8	15.2	.9		33.3	7440

1 GENERAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
725755	HILL AFB UT	75-84	FEB

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
FEB	00-02	.2	6.1		9.8		15.5	14.1	4.5	.1		15.4	849
	03-05		4.9		10.7		15.4	13.1	4.0	.7	.1	15.0	849
	06-08	.1	5.4		11.3		15.8	13.5	3.5	.7		15.2	849
	09-11		3.3		11.5		14.5	13.4	4.5	1.1		16.5	849
	12-14		3.1		9.8		12.7	13.1	7.8	.2		18.5	849
	15-17		4.2	.1	7.2	.1	11.5	13.4	9.2	.4		19.2	849
	18-20	.2	5.3	.4	8.4	.1	13.7	13.2	8.2		.1	18.5	849
	21-23	.4	5.8	.2	9.3		14.6	13.5	6.1			16.9	849
TOTALS		.1	4.8	.1	9.8	.0	14.2	13.4	6.0	.4	.0	16.9	6792

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1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
4TH WEATHER SERVICE/MAC

WEATHER CONDITIONS

725755 HILL AFB UT 75-84 MAR

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
MAR	00-02	.1	5.8		8.5		13.5	7.2	2.4	.4		8.0	930
	03-05		4.8		9.7		14.1	6.5	1.4	.4		6.9	930
	06-08		6.3		11.2		17.0	7.5	1.0	.1		7.7	930
	09-11		7.0		11.8		18.0	10.0	1.2	.1		10.4	930
	12-14	.2	5.9		10.9	.2	16.5	9.2	1.7			9.9	930
	15-17	.3	7.3		8.5		15.2	7.7	2.6			8.6	930
	18-20	.1	6.8		6.8		13.0	6.1	2.3	.1	.6	7.3	930
	21-23	.4	6.6		8.9		14.7	5.3	1.6	.4	.1	5.9	930
TOTALS		.1	6.3		9.5	.0	15.3	7.4	1.8	.2	.1	8.1	7440

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USAFETAC
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WEATHER CONDITIONS

725755	HILL AFB UT	75-84	APR
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
APR	00-02	.1	6.7		5.3		11.7	3.0		.2		3.2	900
	03-05	.3	5.0		5.9		10.6	3.8		.3		4.1	900
	06-08	.1	6.0		6.4		11.6	4.2		.3		4.6	900
	09-11	.2	5.9		7.0	.1	12.1	3.0		.3		3.3	900
	12-14	.1	6.3		6.3		11.7	3.2				3.2	900
	15-17		5.1		4.1		8.9	3.2			.2	3.4	900
	18-20	.7	7.0		4.3		11.0	2.3			.1	2.4	900
	21-23	.4	6.7		5.9	.1	12.0	2.0				2.0	900
TOTALS		.2	6.1		5.7	.0	11.2	3.1		.1	.0	3.3	7200

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WEATHER CONDITIONS

725755 HILL AFB UT 75-84 MAY

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
MAY	00-02	.5	10.1		1.1		10.6	1.2				1.2	930
	03-05	.2	11.5		1.6		12.3	1.3				1.3	930
	06-08	.3	10.3		1.9	.2	12.0	2.7				2.7	930
	09-11	.2	9.7		2.3		11.5	4.0			.1	4.1	930
	12-14	1.1	8.6		2.4		10.1	2.9				2.9	930
	15-17	1.7	8.1		1.1	.1	9.0	1.4			.3	1.7	929
	18-20	1.1	7.0		.9		7.6	1.6			.5	2.2	927
	21-23	1.3	9.2		1.0	.1	9.9	1.1				1.1	927
TOTALS		.8	9.3		1.5	.1	10.4	2.0			.1	2.2	7433

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WEATHER CONDITIONS

725755 HILL AFB UT 74-83 JUN

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.
JUN	00-02	.3	2.6				2.6						900
	03-05	.2	2.6				2.6						900
	06-08	.3	2.7				2.7	.4				.4	900
	09-11	.3	4.1		.1		4.1	1.0				1.0	900
	12-14	.2	3.1		.1		3.1	.6			.1	.7	900
	15-17	.9	2.7				2.7	.1			.3	.4	900
	18-20	1.1	4.1				4.1						900
	21-23	1.0	3.4				3.4	.1				.1	900
TOTALS		.5	3.2		.0		3.2	.3			.1	.3	7200

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WEATHER CONDITIONS

725755 HILL AFB UT 74-83 JUL

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
JUL	00-02	1.1	2.6				2.6						930
	03-05	1.6	1.7				1.7						930
	06-08	1.6	2.3				2.3		.3			.3	930
	09-11	.2	1.5				1.5	.1	.3			.4	930
	12-14	.3	1.2				1.2	.1	.2			.3	930
	15-17	2.6	2.2				2.2	.1	.1			.2	930
	18-20	1.7	2.4			.1	2.4				.1	.1	930
	21-23	1.3	2.9				2.9						930
TOTALS		1.3	2.1			.0	2.1	.0	.1		.0	.2	7440

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
725755	HILL AFB UT	74-83	AUG

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
AUG	00-02	1.5	3.3				3.3						930
	03-05	1.0	2.0				2.0	.1				.1	930
	06-08	.6	3.7				3.7	.1				.1	930
	09-11	.2	2.8				2.8						930
	12-14	.8	2.7				2.7	.8				.8	930
	15-17	1.3	2.3				2.3	.3				.3	930
	18-20	1.4	2.8				2.8	.4	.1		.1	.5	930
	21-23	1.3	3.1				3.1	.1				.1	930
TOTALS		1.0	2.8				2.8	.2	.0		.0	.2	7440

USAFETAC FORM JULY 64 0-10-3(OL A). PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

725755 HILL AFB UT 74-83 SEP

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
SEP	00-02	1.3	5.0		.3		5.2	.4			.1	.6	900
	03-05	1.1	5.4		.3		5.8	.4				.4	900
	06-08	.6	5.8		.1		5.9	.7			.1	.8	900
	09-11	.6	4.0			.1	4.0	.7				.7	900
	12-14	.4	3.4		.1		3.6	.1				.1	900
	15-17	1.0	4.0			.2	4.1	.1				.1	900
	18-20	1.3	5.2		.1	.1	5.3	.4				.4	900
	21-23	1.2	5.6		.3		5.8	.1				.1	900
TOTALS		.9	4.8		.2	.1	5.0	.4			.0	.4	7200

USAFETAC FORM JULY 66 0-10-3(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

725755 — STATION
HILL AFB UT — STATION NAME
74-83 — YEARS
OCT — 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
OCT	00-02	.3	7.7		.4		8.2	1.9	.1			2.0	930
	03-05	.3	7.3		.8		7.5	1.6				1.6	930
	06-08	.5	6.5		1.2		7.2	2.5				2.5	930
	09-11	.6	7.8		1.2	.2	8.6	1.8			.2	2.0	930
	12-14	.4	7.8		.9	.1	8.5	1.1	.5			1.6	930
	15-17	.6	7.8		1.0		8.3	1.5	.4			1.9	930
	18-20	1.1	7.2		.4		7.3	1.1	.2			1.3	930
	21-23	.6	7.5		.8		8.0	1.3				1.3	930
TOTALS		.6	7.5		.8	.0	8.0	1.6	.2		.0	1.8	7440

USAFETAC FORM MAY 84 0-10-3(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
725755	HILL AFB UT	74-83	NOV

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
NOV	00-02	.1	3.4		6.1		9.3	3.6		.8		4.3	900
	03-05		3.8	.1	6.6		10.1	3.4		.4		3.9	900
	06-08		4.0		7.2		10.9	4.7	.1	.2		4.9	900
	09-11		4.3		6.0		10.2	4.4	.3	.3		5.0	900
	12-14		3.8		7.7		11.1	7.2	1.4	.4		8.2	900
	15-17	.2	4.8		6.2		10.8	5.0	1.1	.7		6.0	900
	18-20	.1	5.3		6.0		11.1	5.3	.7	.4		6.0	900
	21-23	.1	4.6		7.4		11.3	4.0	.1	.7		4.8	900
TOTALS		.1	4.3	.0	6.7		10.6	4.7	.5	.5		5.4	7200

USAFETAC FORM MAY 64 0-10-3(OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

725755 HILL AFB UT 74-83 DEC

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.
DEC	00-02	.1	3.7	.3	11.0		14.3	12.8	3.1	.8		13.8	930
	03-05		4.2	.1	12.0		15.9	13.2	1.8	1.2		14.1	930
	06-08		3.7		12.8		16.2	13.9	2.2	1.2		15.9	930
	09-11		3.3	.1	13.8		16.9	14.5	5.1	1.3		19.1	930
	12-14		3.3		13.1		15.8	16.7	9.4	1.4		24.9	930
	15-17		3.4		12.5		15.6	14.1	13.9	.9		25.5	930
	18-20	.1	4.6	.4	10.2		14.7	14.2	10.9	.9		21.9	930
	21-23		3.7	.8	8.9		13.1	13.8	6.6	.8		18.1	930
TOTALS		.0	3.7	.2	11.8		15.3	14.2	6.6	1.1		19.2	7440

USAFETAC FORM AAV 64 0-10-3(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
725755	HILL AFB UT	74-84	ALL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	ALL	.0	3.3	.2	15.6		18.7	26.8	15.2	.9		33.3	7440
FEB		.1	4.8	.1	9.8	.0	14.2	13.4	6.0	.4	.0	16.9	6792
MAR		.1	6.3		9.5	.0	15.3	7.4	1.8	.2	.1	8.1	7440
APR		.2	6.1		5.7	.0	11.2	3.1		.1	.0	3.3	7200
MAY		.8	9.3		1.5	.1	10.4	2.0			.1	2.2	7433
JUN		.5	3.2		.0		3.2	.3			.1	.3	7200
JUL		1.3	2.1			.0	2.1	.0	.1		.0	.2	7440
AUG		1.0	2.8				2.8	.2	.0		.0	.2	7440
SEP		.9	4.8		.2	.1	5.0	.4			.0	.4	7200
OCT		.6	7.5		.8	.0	8.0	1.6	.2		.0	1.8	7440
NOV		.1	4.3	.0	6.7		10.6	4.7	.5	.5		5.4	7200
DEC		.0	3.7	.2	11.8		15.3	14.2	6.6	1.1		19.2	7440
TOTALS		.5	4.9	.0	5.1	.0	9.7	6.2	2.5	.3	.0	7.6	87665

USAFETAC FORM MAY 64 0-10-3(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.

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

STATION	STATION NAME	YEARS	MONTH
[illegible]	HILL AFB UT	[illegible]	ALL

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY 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.
JAN	DAILY	.6	17.6	1.1	49.5	.2	55.[illegible]	44.3	28.6	[illegible]		59.4	[illegible]35
FEB		[illegible]	19.8	.7	38.9	.4	4[illegible]	31.[illegible]	14.4	2.7		38.[illegible]	989
MAR		2.9	[illegible]	.1	37.[illegible]	.7	49.[illegible]	24.4	2.6	2.9	.4	26.[illegible]	[illegible]
APR		7.2	33.7		25.1	3.1	45.[illegible]	19.3	1.[illegible]	.5	.4	20.4	[illegible]
MAY		14.9	41.7	.1	7.6	2.1	42.[illegible]	7.5	.6	.[illegible]	.2	8.[illegible]	[illegible]
JUN		14.6	[illegible].8		.6	1.3	3[illegible]	3.[illegible]	.[illegible]			3.[illegible]	[illegible]
JUL		15.2	24.5			.4	24.5	.9	.4		.2	1.5	[illegible]
AUG		17.8	28.8		.1	.9	[illegible]8.8	1.3	.4		.2	1.5	[illegible]
SEP		13.7	27.9		1.[illegible]	1.0	28.0	3.2	.4		.1	3.7	[illegible]
OCT		5.4	25.2	.1	8.9	.5	28.0	5.7	1.[illegible]	.[illegible]	.1	9.7	[illegible]
NOV		2.1	23.3	.1	25.[illegible]	.3	38.8	22.6	11.2	2.[illegible]	.1	30.2	[illegible]
DEC		.7	18.3	1.3	42.7	.3	50.2	43.8	28.9	2.4		56.7	[illegible]
TOTALS		8.1	26.6	.3	19.7	.9	39.2	17.5	7.5	1.3	.1	21.6	12811

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

725755 STATION — HILL AFB UT STATION NAME — 41-84 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	45.6	19.5	3.5	7.4	7.1	7.9	5.9	2.3	.8					34.9	1333	2.[illegible]9	5.64	.[illegible]5
FEB	51.[illegible]	18.8	2.4	7.1	4.5	7.1	5.8	2.9	.4					30.2	1187	1.82	4.13	.37
MAR	50.0	18.8	2.5	6.0	5.3	8.[illegible]	6.2	2.7	.5					31.2	13[illegible]2	2.05	4.30	TRACE
APR	54.[illegible]	17.4	1.9	4.8	4.0	6.8	6.3	4.0	.8					28.6	1260	2.31	5.75	.57
MAY	57.2	16.8	2.3	5.3	4.[illegible]	5.8	4.8	2.8	1.0					26.0	1302	1.98	6.44	TRACE
JUN	6[illegible].[illegible]	13.8	1.7	3.5	2.5	3.8	3.5	2.6	.6					1[illegible].2	1260	1.46	5.14	.04
JUL	76.[illegible]	13.7	1.5	3.1	1.7	1.6	1.5	.8	.1					1[illegible].3	13[illegible]2	.53	2.16	TRACE
AUG	[illegible].2	15.4	2.1	3.2	2.6	3.9	1.1	1.2	.4					14.4	1302	.85	3.89	TRACE
SEP	73.2	11.3	1.5	4.1	1.8	3.2	2.5	1.5	1.[illegible]					15.6	1260	1.25	6.17	TRACE
OCT	7[illegible].6	9.5	1.8	3.8	2.3	4.0	4.8	2.2	1.1					2[illegible].0	1333	1.77	6.39	.[illegible]0
NOV	58.7	14.4	2.2	5.5	4.5	7.4	4.3	2.3	.5					26.9	1290	1.66	3.64	.[illegible]5
DEC	49.6	16.1	2.6	7.7	6.2	9.4	5.1	3.[illegible]	.3					34.4	1333	2.08	5.74	.11
ANNUAL	60.3	15.5	2.2	5.1	3.9	5.7	4.3	2.4	.6					24.2	15464	19.85		

USAFETAC FORM 0-15-5 OCT 78 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

72-755 STATION — HILL AFB UT STATION NAME — 41-84 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
41										.60	.69	.77	
42	.84	.65	.40	.64	1.46	.45	.16	.24	.65	.99	1.06	.70	1.48
43	.10	.53	.94	.37	.56	.63	.45	.27	TRACE	1.23	.15	.63	1.23
44	.62	.44	.63	.77	.71	1.95	.19	TRACE	.74	.04	.52	.50	1.95
45	.16	.82	.58	.63	.26	.70	.31	.84	.16	.35	.46	.48	.84
46	.51					.25	.50	.07	.21	1.45	.55	1.09	
47	1.04	1.30	.59	.97	.53	1.69	.09	.66	1.28	1.26	.62	.30	1.69
48	.42	1.11	.75	1.92	1.1[illegible]	.70	TRACE	.20	1.35	.21	.55	.55	1.92
49	.88	.34	1.82	1.1[illegible]	.7[illegible]	.90	.07	.91	.26	1.00	1.15	1.05	1.82
50	.59	.37	.39	.52	.86	.32	.43	.01	.42	.36	.40	1.00	1.00
51	.6[illegible]	.70	.67	.91	.60	.04	.60	1.61	.25	1.69	.82	.60	1.69
52	1.17	.75	.61	.71	.33	1.10	.05	.14	.01	.00	.73	1.16	1.17
53	1.62	.24	.96	1.22	.47	.47	.41	.78	.04	1.35	.13	.54	1.62
54	.81	.55	.51	.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	.15	.48	.71
57	.47	.79	.65	1.31	1.43	.91	.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	.66	.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	.39	.30	.19	.16	.94	.18	1.91	.41	1.52	.63	1.91
62	1.19	.65	.55	.85	.94	.36	.54	.09	.68	.62	.23	.16	1.19
63	.59	.28	.51	1.11	.75	.81	.01	.60	1.36	.79	.55	.35	1.36
64	.43	.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	.38	.44	1.26	.36	1.18	.14	.10	1.38	.46	.68	.88	1.38
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 8-88-8 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

[illegible] HILL AFB UT 41-84
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
7[illegible]	.56	.78	.30	.49	.5[illegible]	.39	.[illegible]8	1.47	.98	.84	.61	.86	1.47
7[illegible]	.44	.13	.41	.76	.04	.06	.[illegible]	.22	.9[illegible]	1.06	.65	.44	1.06
73	1.38	.76	1.32	.89	1.14	1.28	.94	.18	1.22	.27	1.08	.83	1.38
74	.37	1.[illegible]3	.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	1.7[illegible]	.97	.89	.4[illegible]	.89	1.11	.16	.17	1.28	.05	.05	1.70
77	.7[illegible]	.35	.27	1.[illegible]1	1.21	.05	.98	.69	.43	.32	.19	.50	1.21
78	.93	.78	.86	.70	.33	.06	.08	.88	1.17	TRACE	.68	.63	1.17
79	.73	.69	.54	.26	.48	.36	.07	.48	.09	.85	.49	.42	.85
8[illegible]	.56	1.[illegible]0	1.53	.53	1.25	1.22	.37	.21	.84	1.26	.48	.14	1.53
81	1.06	.87	1.09	.28	1.75	.76	.02	.03	.31	1.12	.15	.50	1.75
8[illegible]	.68	.46	.63	.39	.41	.29	.79	.49	1.53	.94	.72	1.07	1.53
83	.[illegible]1	.92	1.04	.67	.61	.18	.37	.95	1.13	.93	1.18	.84	1.18
84	.24	.56	.31	.79	.58								
MEAN	.626	.633	.650	.756	.680	.606	.312	.441	.603	.698	.600	.595	1.336
S D	.351	.325	.392	.382	.426	.470	.293	.421	.490	.459	.343	.284	.347
TOTAL OBS	1333	1187	1302	1260	1302	1260	1302	1302	1260	1333	1290	1333	15464

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

72755 STATION — HILL AFB UT STATION NAME — 41-84 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
4										1.99	2.09	2.73	
42	2.09	1.88	1.39	1.69	3.74	.60	.22	.29	.68	1.87	2.58	1.83	18.85
43	.33	1.44	1.98	.79	1.32	2.25	.51	.77	TRACE	3.63	.25	1.49	14.76
44	2.26	.66	2.35	3.98	1.44	4.20	.19	TRACE	.75	.10	2.50	1.36	19.79
45	.35	3.06	2.91	1.46	1.05	3.27	.32	1.72	.36	.71	2.26	1.48	18.95
46	1.41					.25	.77	.15	.23	5.39	1.45	2.99	
47	2.94	2.88	1.58	3.97	1.48	5.14	.10	2.68	2.43	3.05	3.25	1.22	30.32
48	.90	2.12	2.12	2.69	2.13	2.47	TRACE	.49	1.39	.64	2.37	3.72	21.06
49	1.11	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	3.04	.32	.37	.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	3.14	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	.36	1.29	18.74
54	1.54	.68	1.58	.78	.49	1.08	.04	1.06	.40	.31	3.13	1.12	12.21
55	3.72	1.65	.21	1.65	.97	1.94	.40	.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	3.27	1.52	2.35	3.29	6.44	1.93	.39	.71	.75	1.33	1.30	2.32	24.60
58	1.76	2.34	2.98	1.49	.68	.19	.18	.27	.48	.07	1.40	.57	11.91
59	1.86	1.24	1.17	1.35	1.15	1.28	.15	.90	3.36	.19	.07	1.21	13.96
60	1.18	2.01	2.46	.94	.46	.34	.21	.56	1.01	1.31	1.88	.79	13.17
61	.75	.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	21.58
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	1.86	.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
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

72755 HILL AFB UT 41-84

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
71	1.72	2.24	.82	2.97	1.6[illegible]	.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	2.02	4.26	2.03	1.45	1.39	2.07	.50	3.98	.55	2.59	3.44	28.16
74	3.04	1.83	1.32	3.43	1.20	.20	.47	.38	.04	3.72	1.45	2.43	19.49
75	1.64	1.19	3.99	3.66	3.35	2.09	.69	.22	.15	3.91	1.25	.74	22.18
76	.43	3.41	1.21	2.92	.77	1.52	2.16	.30	.26	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
78	3.31	2.56	3.66	3.34	.89	.06	.13	1.78	2.12	TRACE	2.91	1.68	22.44
79	2.60	2.61	1.68	.79	1.28	.98	.14	1.26	.09	1.73	1.54	.6[illegible]	15.60
80	3.53	4.00	3.43	1.58	5.92	1.96	.78	.50	1.56	1.66	1.21	.33	26.46
81	1.77	2.50	3.03	.77	4.64	.49	.02	.04	.41	4.99	.70	2.72	22.08
82	1.98	2.10	3.63	1.35	.94	.95	1.84	.73	5.17	2.49	1.58	2.32	25.98
83	.66	2.26	4.30	2.78	2.9[illegible]	.61	1.05	3.45	2.95	2.89	3.64	5.74	33.23
84	.63	1.56	1.64	2.55	1.46								
MEAN	2.087	1.816	2.053	2.307	1.981	1.464	.525	.851	1.246	1.768	1.663	2.077	19.816
SD	1.192	.970	1.158	1.242	1.537	1.304	.552	.895	1.317	1.424	.911	1.274	5.274
TOTAL OBS	1333	1187	1302	1260	1302	1260	1302	1302	1260	1333	1290	1333	15464

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-08-0 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

725755 HILL AFB UT 46-84

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	57.9	20.2	6.9	10.0	3.9	2.5	2.2	2.0	1.0	.4				28.9	1178	17.9	44.8	TRACE
FEB	71.4	16.6	5.5	7.4	2.7	2.0	1.7	2.0	.9					22.1	1174	12.1	34.8	.5
MAR	72.7	16.6	5.1	6.1	3.3	2.5	1.[illegible]	1.8	.7	.1				20.6	1178	12.7	38.2	TRACE
APR	75.9	11.8	2.6	4.4	1.7	1.[illegible]	.8	.9	.9	.2				12.4	1140	8.3	37.1	TRACE
MAY	93.[illegible]	5.2	.3	.5	.3	.2	.1	.1	.3	.1				1.9	1178	2.[illegible]	19.5	.0
JUN	99.4	.6													1140	TRACE	TRACE	.0
JUL	100.0														1178	.0	.0	.0
AUG	99.9	.1													1178	TRACE	TRACE	.0
SEP	98.9	.9					.0							.2	1139	.2	4.1	.0
OCT	91.6	5.8	.3	1.4		.2	.3	.3	.1					2.6	1178	1.8	16.4	.0
NOV	74.1	11.7	3.4	3.9	3.1	1.7	.9	1.0	.2	.2				14.2	1140	8.1	27.1	TRACE
DEC	57.1	15.6	4.8	9.5	5.3	2.7	1.7	1.7	1.5					27.2	1178	16.9	56.2	TRACE
ANNUAL	80.4	8.8	2.4	3.6	1.7	1.1	.7	.8	.5	.1				10.8	13879	80.0		

USAFETAC FORM 0-13-3 OCT 79 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

[illegible] STATION: HILL AFB UT STATION NAME — 46-84 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46						.0	.0	.0	.0	4.0	5.0	6.2	
47	12.4	4.0	2.9	3.8	.0	.0	.0	.0	.0	.0	5.0	2.0	12.4
48	2.5	8.0	4.4	4.5	TRACE	.0	.0	.0	.0	.5	5.5	5.5	8.0
49	8.8	3.4	14.4	TRACE	.0	.0	.0	.0	.0	9.7	5.4	9.9	14.4
50	6.5	2.8	4.0	5.0	9.6	.0	.0	.0	TRACE	TRACE	2.8	3.3	9.6
51	6.4	7.0	6.3	7.7	.3	.0	.0	.0	.0	.8	2.9	4.7	7.7
52	11.4	7.9	6.0	TRACE	.0	.0	.0	.0	.0	.0	7.6	7.0	11.4
53	14.0	2.0	5.0	6.0	TRACE	.0	.0	.0	.0	4.0	.6	7.0	14.0
54	4.7	5.3	5.0	.7	TRACE	TRACE	.0	.0	.0	TRACE	2.0	4.3	5.3
55	8.4	6.2	.7	7.3	TRACE	.0	.0	.0	.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	3.9	4.3	.5	6.5	TRACE	.0	.0	.0	TRACE	.1	.4	2.5	6.5
60	3.4	5.5	5.4	.6	1.0	.0	.0	.0	.0	TRACE	1.0	2.4	5.5
61	TRACE	1.8	2.5	2.5	TRACE	.0	.0	.0	.0	5.6	15.2	2.1	15.2
62	11.9	6.5	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	.2	.2	.0	.2	.0	1.5	4.9	8.2
64	5.9	1.2	3.7	5.8	13.1	.0	.0	.0	.0	.0	3.6	2.5	13.1
65	4.3	2.9	TRACE	9.2	3.1	.0	.0	.0	TRACE	.0	.7	3.1	9.2
66	6.4	4.8	2.3	2.3	.0	.0	.0	.0	.0	1.3	5.4	2.1	6.4
67	8.9	3.9	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	.1	.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	4.3	1.4	1.2	9.6	.0	.0	.0	.0	.0	4.0	1.9	4.4	9.6
73	12.9	7.8	12.9	3.9	TRACE	.0	.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	4.4	3.2	8.0	7.3	8.4	TRACE	.0	.0	.0	3.0	5.3	6.8	8.4
MEAN													
S D													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-00-0 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

72755 STATION — HILL AFB UT STATION NAME — 46-84 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
76	2.	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	5.4	.0	.0	.0	TRACE	TRACE	2.5	2.0	9.0
78	5.[illegible]	5.9	1.0	2.0	TRACE	.0	.0	TRACE	4.1	TRACE	5.1	7.0	7.0
79	4.5	6.0	4.9	4.7	.4	TRACE	.0	.0	.0	.0	3.0	3.7	6.0
80	6.5	2.0	4.8	TRACE	2.0	.0	.0	.0	.0	.8	.7	4.0	6.5
81	12.5	2.6	8.6	TRACE	TRACE	.0	.0	.0	.0	TRACE	1.5	3.7	12.5
82	7.8	5.0	4.7	4.0	TRACE	TRACE	.0	.0	TRACE	.3	2.0	7.8	7.8
83	1.4	5.5	8.4	5.7	2.1	.0	.0	.0	.0	.0	11.8	7.0	11.8
84	2.0	8.5	3.0	3.8	TRACE								
MEAN	5.44	4.54	4.56	4.29	1.28	TRACE	.00	TRACE	.22	1.29	3.67	4.74	9.13
S D	3.476	2.365	2.911	3.379	3.170	.000	.000	.000	.917	2.263	3.210	2.570	2.807
TOTAL OBS	1174	1074	1178	1145	1178	1140	1178	1178	1139	1178	1140	1178	13879

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

72755 STATION — HILL AFB UT STATION NAME — 46-94 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46						.0	.0	.0	.0	4.0	5.3	10.4	
47	27.2	6.4	4.4	4.1	.0	.0	.0	.0	.0	.0	27.1	4.9	74.1
48	2.5	9.8	17.8	4.5	TRACE	.0	.0	.0	.0	.5	22.1	35.8	97.0
49	41.0	13.3	19.1	TRACE	.0	.0	.0	.0	.0	13.2	5.4	47.9	139.9
50	32.5	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	3.3	.3	.0	.0	.0	.0	.8	13.3	26.7	111.5
52	44.9	27.3	36.2	TRACE	.0	.0	.0	.0	.0	.0	9.7	14.0	132.0
53	17.2	4.6	18.0	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	26.0	21.2	98.4
56	10.0	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	13.0	11.3	15.4	5.7	.0	.0	.0	.0	.0	TRACE	6.1	1.4	53.9
59	14.5	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	5.0	TRACE	.0	.0	.0	.0	6.9	20.1	9.3	52.5
62	32.7	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	16.3	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	22.7	92.5
68	9.1	4.7	21.2	4.3	TRACE	.0	.0	.0	TRACE	TRACE	8.3	26.3	73.8
69	13.3	34.8	2.6	5.2	.0	.0	.0	.0	.0	2.3	1.9	15.2	75.3
70	2.8	1.5	3.8	37.1	TRACE	.0	.0	.0	.0	.9	2.0	30.8	79.9
71	11.3	12.7	5.6	3.1	TRACE	.0	.0	.0	3.9	16.4	9.5	36.5	99.0
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	16.9	33.5	159.3
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	3.9	23.9	12.4	135.7
MEAN													
S D													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM NO. 0-00-0 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

EXTREME VALUES

MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

72756 STATION — HILL AFB UT STATION NAME — 46-84 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
76	8.8	29.9	14.5	4.8	.0	TRACE	.0	.0	.0	.0	TRACE	1.4	59.4
77	10.5	10.0	20.4	2.7	9.0	.0	.0	.0	TRACE	TRACE	4.0	7.4	64.0
78	16.1	16.4	1.6	2.9	TRACE	.0	.0	TRACE	4.1	TRACE	17.8	17.2	76.1
79	26.0	22.6	8.7	6.7	.1	TRACE	.0	.0	.0	.0	8.3	5.5	77.9
80	20.0	3.9	15.6	TRACE	2.0	.0	.0	.0	.0	.8	1.4	8.5	57.2
81	19.2	8.9	15.3	TRACE	TRACE	.0	.0	.0	.0	TRACE	3.5	16.4	67.4
82	32.7	12.3	16.3	9.8	TRACE	TRACE	.0	.0	TRACE	.3	3.6	23.5	98.5
83	7.7	14.0	24.7	10.8	2.1	.0	.0	.0	.0	.0	23.3	56.2	132.8
84	8.	20.2	10.5	13.9	TRACE								
MEAN	17.93	12.12	12.66	8.31	1.95	TRACE	.00	TRACE	.22	1.78	8.10	16.89	80.81
S D	10.962	8.373	9.683	8.220	4.994	.000	.000	.000	.917	3.624	7.656	13.013	30.487
TOTAL OBS	1178	1174	1178	1140	1178	1140	1178	1178	1139	1178	1140	1178	13879

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

725755 STATION HILL AFB UT STATION NAME 41-84 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	0'	02 05	06 10	11 25	26 50	51 1 00	1 01 2 50	2 51 3 00	5 01 10 00	10 01 20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOW FALL	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	9.3	8.6	1 .1	8.6	8.8	18.8	16.8	8.3	.8					72.1	1333			
FEB	31.1	9.1	7.1	7.7	8.3	16.3	13.1	6.2	.9	.3				59.8	1287			
MAR	6 .0	8.1	6.9	5.1	4.7	8.6	4.5	2.1						32.0	1302			
APR	88.7	3.3	2.5	1.6	1.1	1.8	.8	.1						7.9	1260			
MAY	98.2	.8	.2	.1	.4	.3								.9	1302			
JUN	1 0.0														1260			
JUL	1 0.0														1302			
AUG	100.0														1302			
SEP	99.8	.2		.1										.1	1260			
OCT	97.7	.8	.4	.5	.2	.4								1.4	1333			
NOV	75.4	5.8	4.9	3.6	3.1	5.8	1.4							18.8	1290			
DEC	39.9	10.6	8.6	8.0	6.9	12.4	11.7	1.7	.2					49.5	1333			
ANNUAL	75.8	3.9	3.4	2.9	2.8	5.4	4.0	1.5	.2	.0				20.2	15464			

USAFETAC FORM OCT 79 0-15-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

STATION: [illegible] STATION NAME: HILL AFB UT YEARS: 41-84

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
41											5		
42	24	14	6	2	4	0	0	0	0	5	2	2	24
43	2	7	3	2		0	0	0	0	TRACE	0	5	7
44	14	14	14	2		0	0	0	4	0	3	5	14
45	2	2	7	4		0	0	0	0	0	4	2	7
46						0	0	0	4	4	5	8	
47	11	11	4	3		0	0	0	0	0	4	2	11
48	2	11	4	5	TRACE	0	0	0	0	0	5	12	12
49	24	38	12	TRACE		0	0	0	0	0	TRACE	22	38
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	13	19	3	0	0	0	0	0	0	5	12	19
53	2	1	5	7	0	0	0	0	0	1	TRACE	7	15
54	2	4	2	0	0	0	0	0	0	0	TRACE	3	8
55	0	12	7	5	TRACE	0	0	0	0	0	12	12	22
56	2	6	1	1	0	0	0	0	0	TRACE	5	6	6
57	2	7	1	1		0	0	0	0	0	4	2	7
58	2	5	3	1	0	0	0	0	0	0	2	1	5
59	2	9	TRACE	TRACE	0	0	0	0	0	0	TRACE	3	9
60	2	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	2	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	0	4	4	14
65	6	5	5	10	4	0	0	0	0	0	2	4	10
66	8	14	2	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	11	4	12	2	0	0	0	0	0	0	7	10	12
69	12	19	14	3	0	0	0	0	0	0	0	6	19
70	6	1	2	13	3	0	0	0	0	1	1	13	13
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-00-5 (OLA)

[illegible]BAL CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible] WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

[illegible] HILL AFB UT 41-84

STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]	1[illegible]	5	3	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4	5	12	12
[illegible]	[illegible]	4	TRACE	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4	3	10	10
[illegible]	[illegible]	15	13	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	8	15
7[illegible]	1[illegible]	5	9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9	13
7[illegible]	[illegible]	5	8	7	6	[illegible]	[illegible]	[illegible]	[illegible]	2	12	7	14
76	[illegible]	9	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	9
77	[illegible]	6	7	12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4	[illegible]	12
7[illegible]	[illegible]	6	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	7	7
7[illegible]	[illegible]	22	5	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	5	22
8[illegible]	[illegible]	12	4	TRACE	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	5	6	13
8[illegible]	[illegible]	1[illegible]	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	7	13
8[illegible]	[illegible]	16	5	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	8	16
8[illegible]	[illegible]	[illegible]	5	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8	27	27
8[illegible]	[illegible]	1	12	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN	10.7	9.3	6.2	3.4	.7	.0	.0	.0	.0	.7	3.6	7.1	13.5
S D	6.823	7.055	4.320	3.237	1.642	.000	.000	.000	.309	1.462	3.110	5.389	6.388
TOTAL OBS	1333	1187	1302	1260	1302	1260	1302	1302	1260	1333	1290	1333	15464

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

*1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value i[illegible]ented when every month of the year has valid observations. Means and standard deviations are als[illegible]puted 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.

C

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

23156 STATION — HILL AFB UT STATION NAME — 49-84 YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
4					NE	68NE	69ENE	39SE	49SSE	58SW	50SSW	37NW 43	
5	S	50NW	42NW	62S	45N	44SSW	49NNW	62SSW	41N	44SSE	49WNW	34SSW 36	NW 62
5	ENE	46ENE	38SSE	57SSW	44ENE	47NNW	35S	38NW	43SSW	42WSW	51N	48NNW 43	SSE 57
5	NW	45WSW	42E	47S	49ENE	63SSW	50ENE	45NW	57SSE	64ENE	38ENE	42SW 46	ENE 83
5	S	4 NE	58S	57S	37NNW	49NNW	43SSE	47ENE	56SW	43ENE	*75WNW	43N 39	ENE *75
54	E	48S	43S	58S	49NNW	70SSW	45ESE	49ENE	43W	52ENE	56S	46NNW 44	NNW 70
55	ENE	35N	42N	49W	52SW	51E	53SSW	44S	38ENE	38NNW	36NNW	41S 57	S 57
56	WNW	49SW	43SE	36NW	52N	*39E	38SE	46E	35SW	35S	42N	43N 33	NW 52
57	E	65S	34W	50E	50SSW	*46S	42ENE	50W	59ENE	33NE	44N	48NW 33	E 65
58	NNE	38S	34ENE	39ENE	35SSE	38NNW	35NW	39SW	40S	34E	46WNW	33NW 24	E 46
59	SSE	41NE	39NNW	45NNE	38S	42SW	38E	41S	35ENE	34E	41NNW	34E 28	E 61
6	S	24NW	35NNW	38S	42S	43NNW	38ENE	38WNW	42E	32E	37E	45E 48	E 42
6	E	44S	29E	73SW	47SW	39SSW	38W	60SSW	38NNE	40E	58E	51NW 35	E 73
62	E	48S	32SSE	38NNW	34SSW	36NNW	38ENE	*31SW	47E	24S	*45NNW	25E 22	E 48
63	SSE	73E	59E	53SSW	*49S	*37SSE	*40ESE	*29SSE	*32SW	*27S	28NW	*28E *25	E 59
64	S	*38NNW	24SSE	*36E	*71S	*33W	*37E	*23SE	*35NW	*32W	*39ENE	*66W *40	E *71
65	S	*40WNW	*33E	*32SSE	*47SE	*27S	*38W	*36N	*28SSE	*30SSE	*23S	*31SW *33	S *40
66	E	25E	32NW	35NW	32S	46NW	39SW	31SW	61WSW	38NW	28SSE	33W 49	SW 66
67	SW	38SW	33S	43SW	52SSW	47S	32E	32ENE	35N	32SSW	34SSW	36SE 50	SW 52
68	SW	40E	40N	41E	44SW	46NNW	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	18/ 50
7	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
7	6/	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/	41 36/	35 35/	39 25/	38 2/	51 20/	33 33/	35 20/	45 17/	35 17/	39 18/	32 34/ 35	20/ 51
73	16/	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/	41 23/	50 5/	40 17/	48 30/	37 9/ 32	23/ 50
76	34/	31 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/	39 23/	50 25/	42 18/	40 17/	37 27/	36 30/ 43	23/ 50
78	13/	28 21/	36 8/	44 17/	48 32/	42 29/	42 32/	38 29/	40 21/	36 9/	38 8/	68 8/ 61	8/ 68
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-00-0 (OLA)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
5TH WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

[illegible] STATION HILL AFB UT STATION NAME 42-54 YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
7[illegible]	[illegible]/ 48 8/	41 8/	49 1/	44 2/	46 7/	45 2/	42 4/	37 6/	40 0/	42 7/	34 1/	35	8/ 49
8[illegible]	10/ 52	8/ 5[illegible]25/	45 7/	36 3/	46 2/	39 6/	36 1/	36 9/	37 7/	37 9/	28 8/	36	10/ 52
8[illegible]	1[illegible]/ 37 8/	43 4/	37 7/	36 2/	42 5/	39 6/	41 8/	45 9/	3[illegible] 1/	42 3/	39 9/	41	8/ 45
8[illegible]	00/ 39 0/	34 1/	38 4/	39 1/	41 6/	44 5/	42 8/	50 0/	40 1/	25 1/	32 1/	46	18/ 50
9[illegible]	31/ 64 1/	38 4/	39 8/	90 8/	42 2/	40 9/	46 0/	36 8/	44 5/	34 3/	38 0/	48	8/ 90
9[illegible]	9/ 41 4/	32 8/	48 6/	38 3/	5[illegible]								
MEAN	40.4	39.1	45.6	44.5	47.1	41.1	42.8	43.3	39.3	40.9	39.6	39.7	57.8
S D	9.998	7.293	9.351	1.764	1.181	7.971	7.319	8.255	7.835	9.007	8.405	8.889	11.707
TOTAL OBS	1065	971	1061	1033	1082	1071	1046	1062	1012	1063	1015	1061	12872

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM NO. 04 0-88-5 (OLA)

& (BASED ON LESS THAN FULL MONTHS AND >100 KNOTS

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]AFETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) [illegible]00-0200 (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.0	.3									2.5	4.2
NNE	.[illegible]	.2										.4	3.3
NE	.[illegible]											.1	2.0
ENE	.4		.3									.8	4.6
E	1.6	2.7	1.8	.8	.5	.1	.2	.1				7.8	8.3
ESE	2.3	6.5	11.2	7.7	.3							28.0	8.7
SE	2.7	3.5	1.6	1.3								9.1	5.9
SSE	1.7	2.4	1.[illegible]	.3								5.4	5.1
S	2.2	2.9	2.9	2.7	.6	.2						11.5	8.4
SSW	.1	1.9	.9	.8	.5							4.2	8.7
SW	.6	.8	.4									1.8	4.6
WSW	.6	.4	.1	.1								1.3	4.5
W	.4	.2	.4	.3								1.4	6.7
WNW	.4	.4	.1	.2								1.2	5.5
NW	.9	.3	.2									1.4	3.5
NNW	1.6	1.0	.6	.1	.1							3.4	5.2
VARBL													
CALM												19.7	
	17.1	24.2	21.9	14.3	2.2	.3	.2	.1				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)

21765 (STATION) HILL AFB T (STATION NAME) 75-84 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) C3C0-C5C0 (CEIL)

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	.5	.6		.1							2.2	5.6
NNE	.3	.1		.1								.5	5.2
NE	.1	.1										.2	3.5
ENE	.1	.1	.2									.4	5.8
E	.9	1.5	2.4	1.1	.5	.2	.2					6.8	9.9
ESE	2.8	5.1	11.9	11.1	.9	.1						31.8	9.5
SE	1.1	3.4	2.7	1.5								8.7	7.2
SSE	1.1	2.0	1.2	.2								4.5	5.5
S	1.4	2.4	2.5	3.2	.5	.5						10.5	9.5
SSW	1.2	1.7	.4	.6	.5	.1						4.6	8.0
SW	.2	1.2	.3									1.7	5.3
WSW		.5	.4									1.0	6.4
W	.1	.9	.5	.3								1.8	7.5
WNW	.2	.2	.1									.5	3.8
NW	.2	1.0	.4									1.6	5.7
NNW	1.1	1.0	.5	.1								2.7	4.8
VARBL													
CALM												20.3	
	11.6	21.7	24.3	18.3	2.6	1.0	.2					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 936

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

SURFACE WINDS

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

7755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 600-0800 (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	.5	.6	.1								2.3	5.1
NNE	.5	.2	.1									1.0	3.1
NE	.1	.1										.2	3.5
ENE	.1	.1	.1									.8	4.9
E	1.1	1.0	2.3	1.7	.5	.4						7.0	10.2
ESE	2.0	4.5	12.0	14.8	1.5	.2						35.2	10.3
SE	1.5	2.2	2.6	1.1	.2							7.5	7.4
SSE	.3	2.3	.6	.3								4.0	5.6
S	1.4	3.9	2.9	3.0	.6	.1						11.9	8.4
SSW	.4	1.0	1.2	.9	.5							4.0	9.5
SW	.5	.5	.5	.3								2.0	6.2
WSW	.2	.3	.1	.2								.9	6.0
W	.2	.9	.3									1.4	5.4
WNW	.3	.2	.1									.6	4.0
NW	.5	.1	.3									1.0	4.2
NNW	1.2	.4	.5	.1								2.3	4.9
VARBL													
CALM												18.1	
	12.4	18.2	28.5	22.6	3.4	.8						100.0	7.1

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)

72755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOUR (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	1.1	.3	.3	.1							3.3	4.9
NNE	.5	.2	.1									1.0	3.7
NE	.3	.2										1.1	2.8
ENE	.1		.1	.1								.8	6.6
E	1.7	.2	2.6	2.4	.8	.3						9.8	9.2
ESE	1.7	6.5	1[illegible].9	[illegible].1	1.1	.2	.2					30.6	9.7
SE	1.2	2.[illegible]	2.2	1.5								6.9	7.2
SSE	1.6	1.8	1.5	.1								5.1	5.3
S	1.7	2.9	4.0	3.9	.5							13.0	8.8
SSW	.8	2.4	1.4	1.1	.2	.3						6.1	8.3
SW	.2	.8	.1									1.1	4.5
WSW	.4	.5	.4	.1								1.5	5.3
W	.4	.6	.2			.1						1.4	5.8
WNW	.3	.1	.1									.5	3.6
NW	.5	.2		.3								1.1	6.4
NNW	1.0	.9	.1	.2	.2							2.4	6.1
VARBL													
CALM												14.3	
	14.9	22.4	28.2	20.1	2.9	1.0	.2					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)

725 (STATION) HILL AFB I (STATION NAME) 75-84 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 12 C-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.6	.6	.4	.1							4.1	5.8
NNE	.1	.4	.2	.1								.8	6.1
NE	.1											.3	1.7
ENE	.3	.2										.5	3.0
E	2.3	1.9	1.3	.6	.2	.4	.2					7.6	7.8
ESE	1.2	4.4	5.5	1.8	.1							13.0	7.4
SE	1.3	2.0	1.4	.2	.1							5.6	5.8
SSE	1.4	.8	.5	.4								3.1	5.2
S	1.3	4.2	3.1	3.5	.8							12.9	8.6
SSW	1.5	3.2	2.0	1.3	.2	.1						9.4	7.3
SW	1.5	.8	.5	.4								3.3	5.2
WSW	1.0	.8	.1	.1								1.9	4.1
W	1.4	1.2	.9	.1								3.5	4.7
WNW	.6	.4	.1	.2								1.4	4.6
NW	1.8	1.0	1.1	.2	.1							4.2	5.4
NNW	1.4	1.7	1.6	.2								4.9	5.6
VARBL													
CALM												23.2	
	19.2	24.6	20.8	9.8	1.6	.5	.2					100.0	5.1

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)

[illegible]755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	1.5	1.1	.2	.1							5.7	4.7
NNE	1.1	.2	.1									1.4	3.1
NE	.4	.3	.2									.9	4.2
ENE	.2		.3	.2								.8	8.4
E	1.5	1.2	.5	.4	.3	.3						4.3	7.8
ESE	1.3	3.1	1.3	.4	.1							6.8	5.5
SE	1.3	1.4	.4									3.7	3.7
SSE	1.3	1.5	.9									4.3	4.4
S	1.3	2.6	2.4	2.3	.5							9.6	8.0
SSW	1.3	2.0	1.9	1.2	.2							7.2	7.0
SW	1.7	1.5	.4	.2								3.9	4.4
WSW	1.7	.4	.1	.1								2.4	3.5
W	2.5	.8	.4	.								3.9	4.0
WNW	1.6	.8	.3		.1							2.8	4.3
NW	1.7	2.2	.5	.2		.1						4.7	5.2
NNW	3.3	4.4	1.8	.3								9.9	4.8
VARBL													
CALM												27.8	
	27.8	23.9	12.8	5.8	1.4	.4						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ETC WEATHER SERVICE/MAC

SURFACE WINDS

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

72755 (STATION) HILL AFB (STATION NAME) 75-84 (YEARS) JAN (DATE)

ALL WEATHER (CLASS) 18:00-21:00 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2	3.4	.9	.4								8.3	4.3
NNE	1.7	.5		.1								1.9	3.4
NE	.5		.1									.6	3.2
ENE	.1			.1								.2	7.5
E	1.6	1.7	.6	.5	.5	.1	.1					5.3	7.5
ESE	3.4	4.3	4.4	1.4	.1							12.6	6.8
SE	2.9	1.6	.6	.3								5.4	4.3
SSE	1.3	1.7	.5	.1								4.2	4.3
S	1.5	3.7	2.9	2.6	1.0							11.6	8.5
SSW	1.1	1.7	.9	.3								4.0	5.6
SW	1.1	.6	.2									1.9	3.6
WSW	.5	.4	.1									1.1	4.1
W	1.4	.4	.4	.1								2.4	4.1
WNW	.5	.5	.2									1.4	3.9
NW	.3	.8	.1									1.6	3.8
NNW	2.3	2.9	.4	.1								5.6	4.2
VARBL													
CALM												31.9	
	23.3	24.3	12.5	6.1	1.6	.1	.1					100.0	3.9

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)

72755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) ALL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 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	.6								3.3	5.6
NNE	.9	.2	.2									1.2	4.0
NE	.3	.1										.4	2.3
ENE	.1	.1	.1		.1							.4	9.3
E	1.3	1.5	1.1	.6	.2	.1	.3					5.2	8.9
ESE	2.7	6.3	8.0	4.7	.3							22.0	7.9
SE	2.5	3.8	1.5	.5								8.3	5.3
SSE	1.8	2.0	.9	.2								4.9	5.0
S	2.5	3.2	2.9	3.2	1.2	.1						13.0	8.5
SSW	1.1	1.9	.8	.6	.1							4.5	6.2
SW	.2	.9	.1									1.7	3.8
WSW	.3	.4	.1									.9	4.1
W	1.1	.5	.3	.1								2.0	4.3
WNW	.2	.2	.1									.5	4.4
NW	.9	.4	.3									1.5	4.4
NNW	.8	1.2	.8									2.7	4.9
VARBL													
CALM												27.3	
	18.2	23.8	17.5	10.8	1.9	.2	.3					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 836

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

SURFACE WINDS

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

72755 — STATION
HILL AFB UT — STATION NAME
75-84 — 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	1.3	1.3	.6	.3	.1							4.0	4.9
NNE	.6	.7	.3	.2								1.8	3.8
NE	.3	.1	.2									.5	3.1
ENE	.3	.1	.2	.1	.0							.6	6.1
E	1.5	1.7	1.7	1.0	.5	.3	.1	.0				6.7	8.8
ESE	7.1	5.1	8.1	6.5	.6	.1	.0					22.5	8.9
SE	1.3	2.5	1.6	.8	.0							6.9	6.1
SSE	1.5	1.8	.9	.2								4.4	5.0
S	1.7	3.2	2.9	1.1	.7	.1						11.8	8.6
SSW	1.1	2.1	1.3	.8	.3	.1						5.5	7.5
SW	.3	.9	.3	.1								2.2	4.7
WSW	.4	.5	.3	.1								1.4	4.6
W	.7	.7	.4	.1		.0						2.2	5.0
WNW	.5	.4	.1	.1	.0							1.1	4.3
NW	.3	.7	.4	.1	.0	.0						2.1	5.0
NNW	1.6	1.7	.9	.1	.2							4.2	4.9
VARBL													
CALM												22.8	
	18.1	22.9	19.8	13.5	2.2	.5	.2	.0				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 7480

USAFETAC FORM JUN 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)

2755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0000-0300 (HOUR (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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									1.2	4.6
NNE	1.2	.2	.1									1.5	2.8
NE	.5	.1										.6	2.4
ENE	.4	.4										.7	3.0
E	.3	1.2	1.4	2.1	.4	.6						6.5	10.6
ESE	2.4	[illegible]	19.1	3.4	.4							39.5	8.7
SE	1.3	2.7	1.6	.7								6.4	6.3
SSE	1.2	3.5	1.5	.2	.1							6.6	5.7
S	1.4	3.4	4.1	3.8	1.1							13.8	9.0
SSW	.4	1.5	.6	.5	.1							3.1	7.0
SW	.4	.2										.6	3.6
WSW	.1	.4	.2	.2								.9	7.5
W	.2	.2	.2									.7	5.0
WNW	.2	.2	.1									.6	4.8
NW	.5	.6	.1	.1	.1							1.4	6.5
NNW	.2	.2	.2	.2	.1							1.1	8.9
VARBL													
CALM												15.0	
	11.4	23.6	29.9	17.3	2.2	.6						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 849

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

L RAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0103-0500 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.2	.5	.5								1.5	7.8
NNE	.2											.5	1.8
NE	.2											.2	1.5
ENE	.2											.2	2.2
E	1.1	1.5	1.4	2.0	1.2	.4	.1					7.8	10.7
ESE	1.9	5.9	15.7	17.6	1.5							42.0	10.1
SE	1.4	2.7	2.2	1.1								7.4	6.4
SSE	.9	1.9	.8	.1								3.7	5.4
S	1.4	2.9	5.2	3.8	.9							14.3	9.0
SSW	.5	.7	1.2	.1								2.6	6.3
SW	.2	.7	.5	.1								1.5	6.2
WSW		.1	.1									.2	7.5
W	.2	.4	.5	.1								1.2	6.6
WNW	.1	.1	.1	.2								.6	8.8
NW	.7	.4										1.1	3.3
NNW	.5	.9	.2	.2								1.9	5.7
VARBL													
CALM												13.3	
	10.4	18.6	27.8	25.8	3.7	.4	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 849

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)

72755 (STATION) HILL AFB UT (STATION NAME) 75-54 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0600-0800 (LST)

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	.9	.7	.6	.1							2.4	7.4
NNE	.1		.3									.4	6.7
NE	.1											.1	2.0
ENE	.4											.4	2.3
E	.5	1.2	2.1	1.9	.7	.4						7.1	16.6
ESE	.3	7.3	15.4	2.7	2.9	.1						43.5	11.3
SE	.3	2.9	2.2	.4								6.4	6.2
SSE	.5	2.8	1.3	.2	.1							5.1	6.4
S	1.4	3.5	4.0	4.5	.4	.1						13.9	8.8
SSW	.5	1.3	1.4	.5	.4							3.8	8.0
SW	.1	.0	.1									.7	4.8
WSW	.1		.4	.1								.6	8.8
W	.1	.4	.5	.5	.1							1.8	8.5
WNW	.3	.4	.5									1.1	6.3
NW	.1	.4	.1	.1								.7	6.5
NNW	.3	.4	.4	.1	.2							1.3	8.7
VARBL													
CALM												11.1	
	7.3	17.7	28.9	29.6	4.9	.6						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 849

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)

72755 (STATION) WILL AFB LT (STATION NAME) 75-84 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.8	1.6	.1	.2							3.4	7.5
NNE	.8	.2	.1									1.2	3.2
NE	.2											.2	1.0
ENE		.1	.1									.2	5.5
E	1.3	1.6	2.1	2.2	1.2	.1						9.1	9.5
ESE	1.9	5.5	14.[illegible]	16.[illegible]	1.2	.2						35.9	10.1
SE	1.3	1.8	1.9	.2								5.5	5.7
SSE	.5	1.6	.7	.6								3.4	6.6
S	.4	2.4	5.7	5.8	1.3							15.7	10.4
SSW	.5	1.1	1.9	1.1	.1							4.6	8.0
SW	.4	.8	.2									1.4	8.3
WSW	.1	.4	.4									.8	6.3
W	.4	.5	.5	.2								1.5	6.8
WNW	.1	.4	.4									.8	6.3
NW	.5	.2	.1									.8	3.7
NNW	.5	1.3	.9	.2	.1							3.1	6.8
VARBL													
CALM												9.3	
	10.5	18.7	30.5	26.5	4.1	.4						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 849

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)

72755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	2.0	1.5	.7	.1							5.4	6.7
NNE	.7	.4		.1								1.2	4.0
NE	.2		.2									.5	5.6
ENE	.6	.2		.1								.9	4.0
E	1.4	1.9	.9	.7	.5							5.4	7.0
ESE	2.5	6.2	4.9	2.1								15.8	6.7
SE	.3	2.1	1.2									4.1	5.3
SSE	1.1	1.9	1.3	.4								4.6	6.0
S	.5	2.7	7.2	5.4	1.2	.7						17.8	10.6
SSW	.9	2.9	1.9	.7	.6							6.9	7.6
SW	1.1	1.4	.7	.1	.1							3.7	5.0
WSW	.7	1.5	.4									2.6	4.3
W	1.6	1.2	.6	.1								3.5	4.5
WNW	.9	.5	.6	.6	.1							2.7	7.2
NW	1.2	1.6	.7	.1								3.3	4.3
NNW	2.1	1.6	1.9	.4								5.9	5.6
VARBL													
CALM												15.7	
	17.7	28.4	23.8	11.5	2.6	.7						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 849

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)

72755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) FEB (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	2.4	3.5	1.2	.8	.1							8.0	5.8
NNE	.5	.5										.9	3.8
NE	.6	.2										.8	2.7
ENE	.4	.2		.2								.8	5.4
E	.7	.9	.4	.6	.1							2.7	7.0
ESE	2.6	2.1	1.1	.2								6.0	4.7
SE	.9	1.3	.2	.1								2.6	4.5
SSE	.6	2.1	.7	.4								3.8	5.8
S	.9	3.4	3.8	5.8	.7	.2						14.7	10.0
SSW	.7	2.1	2.1	1.1	.1							6.1	7.6
SW	2.1	1.6	.9									4.7	4.3
WSW	1.1	.9										2.2	3.2
W	2.6	1.2	1.1	.2								5.1	4.5
WNW	1.6	1.5		.1								3.3	3.9
NW	2.[illegible]	2.2	.7	.1								5.1	4.6
NNW	3.9	5.7	1.9	1.3								11.8	5.3
VARBL													
CALM												21.3	
	23.2	29.7	13.5	11.0	1.1	.2						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 848

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)

~~725755~~ STATION ~~HILL AFB UT~~ STATION NAME ~~75-84~~ YEARS ~~FEB~~ MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 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	2.2	1.9	.7								8.5	5.1
NNE	.7	.2										.9	2.6
NE	.3											.8	2.0
ENE	.7		.1	.2	.1							1.2	6.7
E	1.3	1.5	.5	.2			.2					4.1	6.2
ESE	7.7	5.1	4.6	1.4	.1							14.5	6.4
SE	2.5	3.1	.7	.2								6.5	4.4
SSE	1.2	1.9	1.6	.4								5.1	5.8
S	1.1	3.4	3.8	4.0	.6	.5						13.3	9.7
SSW	1.1	.6	.6									2.2	4.4
SW	.7	.4	.4	.1		.1						1.6	6.2
WSW	.3	.4	.1		.1							1.5	4.8
W	.5	.5	.1	.1								1.3	4.5
WNW	.7	.5	.2	.1								1.5	4.6
NW	1.5	1.3	.4	.1		.1						3.4	5.0
NNW	2.2	4.0	.8	.2								7.3	4.5
VARBL													
CALM												26.1	
	21.3	25.0	15.8	7.9	.8	.7	.2					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS ~~849~~

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)

[illegible]755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 21[illegible]C-23[illegible]C (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 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	.7	.2								2.8	5.6
NNE	.7											.7	2.3
NE	.5		.1									.6	3.8
ENE	.2	.2	.1	.1								.7	5.7
E	1.3	1.9	2.7	.6	.4	.4	.1					7.3	8.2
ESE	2.7	8.7	13.2	5.7	.1							30.4	7.7
SE	2.5	2.5	2.5	.2								7.7	5.3
SSE	1.1	2.7	1.3	.2								5.3	5.7
S	1.9	3.5	4.2	3.1	1.2	.1						14.0	9.0
SSW	1.2	.6	1.2	.1								3.1	5.8
SW	.2	.5	.6									1.3	6.0
WSW	.5	.1	.1									.7	3.8
W	.1	.6		.2								.9	6.6
WNW	.5		.1	.2								.8	6.6
NW		.4	.1	.1								.6	7.6
NNW	1.5	1.2	.5	.1								3.3	4.5
VARBL													
CALM												19.8	
	15.3	24.3	27.4	11.0	1.6	.5	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 849

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) HILL AFB UT (STATION NAME) 75-84 (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	1.2	1.5	1.0	.6	.1							4.2	6.1
NNE	.5	.2	.1	.0								.9	3.2
NE	.4	.0	.0									.5	2.8
ENE	.4	.1	.0	.1	.0							.6	4.8
E	1.2	1.5	1.4	1.3	.5	.2	.1					6.2	9.1
ESE	2.3	5.6	11.0	9.1	.8	.0						28.8	9.1
SE	1.5	2.4	1.5	.4								5.8	5.6
SSE	.9	2.3	1.2	.3	.0							4.7	5.9
S	1.1	3.2	4.7	4.5	.9	.2						14.7	9.6
SSW	.7	1.3	1.3	.5	.2							4.0	7.2
SW	.7	.8	.4	.0	.0	.0						1.9	5.0
WSW	.5	.5	.2	.0	.0							1.2	4.9
W	.3	.6	.4	.2	.0							2.0	5.5
WNW	.6	.4	.3	.2	.0							1.4	5.6
NW	.9	.9	.2	.1	.0	.0						2.0	4.9
NNW	1.3	1.0	.8	.4	.1							4.4	5.5
VARBL													
CALM												16.4	
	14.9	23.2	24.7	17.6	2.7	.5	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 6792

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)

[illegible] (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 0000-0300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	1.4	.3								3.7	6.5
NNE	.9	.3	.2									1.3	4.1
NE		.2	.1									.3	6.0
ENE	.3	.2	.2									.8	4.6
E	.3	1.5	2.3	1.3	.3	.3						6.0	9.9
ESE	2.4	7.2	19.5	7.7	.2							37.0	8.3
SE	2.7	2.3	1.2	.3								6.5	5.0
SSE	1.2	1.9	1.2	.4								4.7	6.0
S	1.2	3.1	5.7	5.3	.6	.3						16.0	9.7
SSW	1.1	1.2	.9									3.0	4.6
SW	.2	.2	.2									.6	5.2
WSW	.3	.4	.2									.9	5.4
W	.2	.2	.3	.3								1.1	7.6
WNW	.2	.2	.1	.2								.8	6.9
NW	.3	1.2	.2	.2	.1							2.0	6.4
NNW	1.2	.5	.8	.6	.1	.1						3.1	7.7
VARBL													
CALM												12.3	
	12.7	21.8	34.3	16.8	1.4	.8						100.0	6.9

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)

[illegible] (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) [illegible] (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	1.4	.6	.2							5.1	6.9
NNE	.6	.6	.1									1.4	3.8
NE	.6	.1										.8	3.6
ENE	.2	.2		.1	.1							.6	8.0
E	.9	1.2	1.9	2.5	.5	.1	.1					7.2	16.1
ESE	1.3	5.7	18.5	12.3	.1							38.1	9.2
SE	1.7	2.0	2.4	.3								6.5	5.8
SSE	.9	1.4	.8	.6								3.7	6.1
S	1.1	1.7	5.2	4.6	1.0							13.5	9.9
SSW	.5	1.1	1.3	.6								3.5	7.2
SW	.2	.4	.2									.9	5.4
WSW	.2	.3										.5	4.4
W	.5	.1	.3	.3								1.3	6.7
WNW	.2	.3	.1		.1							.8	6.9
NW	.2	.3	.9	.1								1.5	7.4
NNW	.2	1.5	1.6	.5								3.9	7.3
VARBL													
CALM												10.9	
	11.2	18.5	38.6	22.6	2.0	.1	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 936

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)

72755 (STATION) HILL AFB UT (STATION NAME) 75-84 (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	1.0	1.1	.3	.5	.1							3.5	6.6
NNE	.2	.8	.3	.1								1.4	5.9
NE	.1	.1	.1									.3	5.0
ENE	.2	.3	.1									.6	4.0
E	1.0	.8	1.6	2.0	1.2	.3	.1					7.0	11.4
ESE	1.8	4.6	14.9	18.1	.4							39.9	10.1
SE	1.3	1.6	1.5	.1								4.5	5.6
SSE	1.3	2.3	1.6	.3	.1							5.6	5.8
S	1.0	2.7	5.1	3.4	.9							13.0	9.4
SSW	.4	.9	1.3	.4		.1						3.1	8.0
SW	.5	.4	.2	.3								1.5	6.1
WSW	.3											.3	2.0
W	.3	.3	.5	.2								1.4	6.7
WNW	.2	.5	.3	.1								1.1	5.9
NW	.0	.5	.8	.2								1.7	6.9
NNW	1.0	1.6	1.4	.4		.1						4.5	6.8
VARBL													
CALM												10.4	
	10.9	18.5	30.5	26.3	2.7	.5	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AA 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)

[illegible] (STATION) HILL AFB UT (STATION NAME) 75-84 (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	.3	2.8	2.2	1.0	.1							6.8	7.1
NNE	.5	.4	.3									1.4	4.2
NE	.1	.1										.2	3.0
ENE	.1	.2		.1								.8	5.0
E	1.0	1.4	1.9	1.7	.3	.4						6.5	9.7
ESE	1.1	4.9	11.6	8.1	.4							26.1	9.3
SE	1.3	2.2	1.2	.4								5.1	5.4
SSE	.6	1.4	1.3	.4	.1							3.9	7.1
S	.3	3.0	5.3	5.6	1.7	.5						16.9	11.0
SSW	.9	2.2	1.5	1.4	.4	.1						6.8	8.6
SW	.5	1.1	.6	.1								2.4	5.3
WSW	.2	.9	1.0	.2	.2							2.5	7.7
W	.5	1.2	.9	.6	.1							3.4	7.2
WNW	.5			.1								.6	4.2
NW	.2	1.4	.3	.3								2.3	6.0
NNW	.6	2.0	1.9	1.3	.1							6.0	8.0
VARBL													
CALM												8.2	
	10.3	25.2	30.3	21.4	3.5	1.1						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (GL 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)

STATION	STATION NAME	YEARS	MONTH
[illegible]	HILL AFB UT	75-84	MAR

CLASS: ALL WEATHER

HOURS (L.S.T.): 12.0-14.00

CONDITION:

SPEED (KNTS) DIR.	1 - 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	1.8	2.3	.2	.3	.1						6.0	6.6
NNE	.4	.4	.3									1.2	4.7
NE	.2	.4	.2									.8	5.1
ENE	.2	.2			.2							.8	7.7
E	1.2	.9	1.1	1.5	.4							5.1	9.0
ESE	1.2	1.0	1.0	.3	.1							3.5	6.4
SE	1.0	.9	.3	.1	.1							2.4	5.2
SSE	.3	.8	1.6	.6								3.9	6.9
S	2.0	3.3	3.9	5.4	2.9	.3						17.8	10.6
SSW	.3	3.5	2.5	2.3	.6	.4	.1					10.2	9.3
SW	1.3	2.9	2.0	.6	.2							7.0	6.8
WSW	.5	.6	1.4	.3								2.9	7.3
W	1.5	2.8	3.4	2.2	.2							10.1	7.8
WNW	.9	1.2	1.2	.8	.1							4.1	7.3
NW	1.1	2.2	1.6	.5	.1							5.5	6.7
NNW	1.1	2.8	2.5	2.3	.2							8.8	8.1
VARBL													
CALM												9.9	
	15.5	25.7	25.3	17.1	5.6	.9	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 930

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

[illegible]RAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible]755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 15[illegible]-17[illegible] (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.5	2.9	.8	.1	.2						8.3	7.2
NNE	.3	1.2	1.[illegible]	.1								2.8	5.6
NE	.4	.2	.1									.8	4.0
ENE	.4	.3	.2									1.0	4.3
E	.3	1.4	.5	1.6	.3							4.6	8.9
ESE	.4	1.1	.3	.2								2.5	6.0
SE	1.1	.9	.3	.2								2.4	4.8
SSE	.6	1.[illegible]	.9	.9								3.2	7.5
S	.3	3.1	4.1	4.5	.9	.4						13.3	10.6
SSW	1.5	2.3	1.4	1.5	.2	.3						7.2	8.2
SW	.3	2.5	1.4	.8	.2	.1						5.8	7.2
WSW	1.3	2.3	2.4	.6	.1	.1						7.3	6.6
W	1.3	3.5	3.3	.4	.1		.1					8.8	6.6
WNW	.3	2.7	1.9	.8	.3							6.5	7.4
NW	1.[illegible]	2.2	1.5	.2								4.8	6.2
NNW	1.3	3.8	2.7	1.6	.2							10.1	7.1
VARBL													
CALM												10.6	
	15.6	30.6	25.2	14.2	2.5	1.2	.1					100.0	6.7

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
ATM WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible]765 (STATION) HILL AFB LT (STATION NAME) 75-84 (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	2.3	3.4	2.8	.9	.4	.1	.1					10.0	7.0
NNE	.5	.1	.1									.8	3.1
NE	.3	.1										.4	2.5
ENE	.1	.1		.1								.3	7.3
E	1.6	1.1	1.0	1.2	.4							5.3	7.7
ESE	2.5	4.2	3.4	.3								10.4	5.8
SE	2.2	1.9	.8	.2								5.1	4.3
SSE	1.1	3.9	1.5	.3	.1							6.8	5.8
S	1.4	4.1	4.1	3.3	.6							13.5	8.5
SSW	.3	1.9	1.1	.9	.3							4.5	8.3
SW	1.1	1.3	.3	.2		.1						3.0	5.5
WSW	.9	1.0	.6	.1								2.6	5.2
W	1.7	.8	.6	.1	.1	.1						3.4	5.5
WNW	.2	.6	.2	.5								1.6	7.8
NW	1.3	.9	1.0	.4								3.5	6.0
NNW	1.7	2.7	1.6	.9	.1							7.0	6.1
VARBL													
CALM												21.7	
	19.1	28.0	19.1	9.5	2.2	.3	.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)

[illegible] STATION — HILL AFB UT STATION NAME — 75-84 YEARS — MAR MONTH

ALL WEATHER CLASS — 21[illegible]-23[illegible] HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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.[illegible]	1.7	.6	.1							5.7	6.5
NNE	.1	.3	.1									.5	6.[illegible]
NE	.[illegible]	.2	.[illegible]									.9	3.6
ENE	.[illegible]	.3										.5	4.0
E	1.[illegible]	1.9	1.[illegible]	1.5	.5	.2	.1					8.1	8.4
ESE	2.[illegible]	[illegible].7	13.8	2.2								27.8	7.1
SE	1.[illegible]	3.[illegible]	1.7	.2								7.1	5.3
SSE	1.[illegible]	3.2	1.7	.2								6.7	5.7
S	.4	3.[illegible]	5.3	2.0	.5	.4						11.7	9.3
SSW	.4	1.[illegible]	1.1	.3	.1							2.9	7.1
SW	.[illegible]	.1		.1								.4	5.8
WSW	.2	.4	.2	.3	.1							1.3	7.5
W	.4	.4	.5	.4								1.8	7.8
WNW	.[illegible]	.2	.2		.1							.8	7.1
NW		.2	.1		.1							.4	9.3
NNW	.8	1.4	.9	1.1	.2	.1						4.3	8.3
VARBL													
CALM												19.0	
	11.[illegible]	28.4	29.2	9.0	1.8	.8	.1					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

L'RAL CLIMATOLOGY BRANCH
USAFETAC
ST. WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 75-75 HILL AFB UT
STATION NAME: 75-84
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	1.3	2.1	1.5	.6	.2	.1	.0					6.1	6.9
NNE	.5	.5	.3	.0								1.3	4.8
NE	.3	.2	.1									.6	4.0
ENE	.3	.3	.1	.0	.0							.7	5.5
E	1.1	1.3	1.5	1.7	.5	.2	.0					6.2	9.5
ESE	1.3	4.3	10.4	6.1	.2							23.2	8.6
SE	1.5	1.9	1.2	.2	.0							4.9	5.2
SSE	1.0	2.0	1.3	.5	.0							4.8	6.2
S	1.0	3.0	4.9	4.3	1.1	.3						14.5	9.9
SSW	.7	1.7	1.4	.9	.2	.1	.0					5.2	8.1
SW	.6	1.1	.6	.3	.1	.0						2.7	6.4
WSW	.6	.7	.7	.2	.1	.0						2.3	6.5
W	.3	1.2	1.2	.6	.1	.0	.0					3.9	7.1
WNW	.4	.7	.5	.3	.1							2.0	7.1
NW	.5	1.1	.9	.3	.0							2.7	6.5
NNW	1.0	2.0	1.7	1.1	.1	.0						6.0	7.4
VARBL													
CALM												12.9	
	13.4	24.6	28.6	17.1	2.7	.7	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 7680

USAFETAC FORM AA 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)

72755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0000-0700 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.6	1.2	.4	.1	.1						4.9	7.0
NNE	.5	.4	.2	.1								1.7	4.3
NE	.3	.1	.1	.2								.8	6.4
ENE	.2		.2	.3	.1							.9	9.8
E	.7	1.0	2.1	2.4	.7	.1	.2	.1				7.3	11.4
ESE	1.5	6.7	27.7	12.2	.3							41.7	9.1
SE	.4	1.3	3.2	.2								7.2	6.5
SSE	.1	1.6	1.8	.6	.1							4.1	7.8
S	.4	2.6	2.6	2.8	1.0	.1						9.4	10.0
SSW	.2	1.0	.3	.1								1.7	6.0
SW	.4	.6	.3									1.3	5.2
WSW	.4	.6	.1									1.1	3.9
W	.2	.6	.8	.3								1.9	7.2
WNW	.3	.4		.1								.9	4.8
NW	.3	.7	.1									1.1	4.2
NNW	.7	1.3	1.0	.2	.1							3.3	6.7
VARBL													
CALM												10.7	
	8.0	21.3	38.8	20.1	2.4	.3	.2	.1				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)

725755 (STATION) HILL AFB UT (STATION NAME) 75-84 (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	1.0	2.0	1.3	.3								4.7	6.0
NNE	1.0	.4	.2	.1								1.8	4.4
NE	.7	.3	.1									1.1	3.7
ENE	.2	.1			.1	.1						.6	9.4
E	.9	1.0	1.7	2.7	.7	.2		.3				7.0	12.1
ESE	1.0	4.4	17.3	19.0	.1	.2						42.1	10.2
SE	.7	2.7	1.3	.8								5.4	6.6
SSE	.4	1.4	1.1	.6	.2							3.8	7.7
S	.6	2.3	3.6	3.4	.7	.3						10.9	10.2
SSW	.2	1.3	.8	.3								2.7	6.6
SW	.2	.9	.1									1.2	4.5
WSW	.1	.3	.3	.1								.9	6.6
W	.1	.2	.1	.3								.8	8.1
WNW	.3	.3	.4	.2								1.3	6.7
NW	.5	.8	.6									1.9	5.6
NNW	1.0	1.3	1.6	.2								4.1	5.7
VARBL													
CALM												9.8	
	8.9	20.0	30.2	28.1	1.8	.9		.3				100.0	8.1

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)

72755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0000-0800 (L.S.T.)

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	1.4	1.1	1.1	.2							4.9	7.5
NNE	.4	.9	.4									1.8	4.8
NE	.3	.6	.1	.2								1.8	4.6
ENE	.3	.3	.1	.1								.9	5.3
E	.4	.9	1.1	2.6	1.0	.4	.1	.2				6.8	13.2
ESE	1.3	4.8	14.5	21.4	1.2							43.7	10.6
SE	1.1	1.4	1.5	.9								5.3	7.1
SSE	.6	1.3	.4	.6	.2							3.1	7.4
S	.9	2.1	3.3	4.6	.8	.1						11.7	10.2
SSW	.1	.9	.4	.1								1.4	6.7
SW	.4	.1	.1									.7	4.0
WSW		.3	.3	.1								.8	7.3
W	.1	.7	.4	.4								1.7	8.3
WNW	.1	.4	.6	.1								1.2	7.2
NW	.4	1.0	.4									1.9	5.1
NNW	.9	2.3	.6	.4								4.2	5.9
VARBL													
CALM												8.2	
	9.0	19.8	26.3	32.7	3.8	.6	.1	.2				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM AR 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)

725755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	3.2	2.3	1.2								7.9	6.8
NNE	.7	.8	.7									2.1	5.0
NE	1.0	.1										1.1	2.8
ENE	.1	.1	.1	.1	.2	.2						.9	13.6
E	.8	1.7	1.6	2.8	1.0	.3	.1	.3				8.6	12.3
ESE	.9	3.6	7.2	4.7	.2							16.6	8.9
SE	.8	1.0	.9	.3								3.0	6.1
SSE	.7	1.1	1.2	.6								3.6	6.7
S	1.3	2.9	4.6	6.1	4.1	.3						19.3	11.6
SSW	.9	1.8	2.0	1.3	.3	.1						6.4	8.6
SW	1.9	1.9	1.1	.3								4.2	5.8
WSW	.2	.9	1.3	.7	.1							2.7	7.8
W	1.0	.9	1.8	.7								4.3	6.8
WNW	.7	1.2	.9	.2								3.0	5.8
NW	.7	1.2	1.1	.1								2.8	6.2
NNW	1.2	1.7	1.7	1.1	.3							6.0	7.4
VARBL													
CALM												7.6	
	11.0	23.8	28.8	19.8	6.3	1.0	.1	.3				100.0	8.1

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
ATC WEATHER SERVICE/MAC

SURFACE WINDS

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

725755 (STATION) WILL AFB LT (STATION NAME) 75-84 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1300-1400 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	3.6	2.2	1.3								7.8	7.1
NNE	.4	.3	.4									1.2	5.3
NE		.7	.3	.2								1.2	7.8
ENE	.7	.2	.4	.3	.2	.1						1.7	9.7
E	.7	.2	1.2	.6	.7		.1	.1				3.2	12.3
ESE	.5	1.3	.5		.1							3.2	5.9
SE	.6	1.2	.8	.1								2.7	5.7
SSE	.1	.4	.7	.8	.1	.1						2.2	9.6
S	.5	2.1	3.3	3.1	3.4	.8	.1					13.8	12.4
SSW	.6	3.4	3.3	1.9	1.1	.2						10.6	9.3
SW	1.4	3.8	2.8	1.7	.2	.1						10.0	7.5
WSW	.6	2.4	1.8	1.0								5.8	7.2
W	2.1	4.2	3.6	1.2	.1							11.2	6.8
WNW	.3	2.8	1.8	1.1								6.4	6.9
NW	.5	2.4	2.5	1.0								7.2	6.8
NNW	.7	1.8	3.2	.9	.2							6.8	7.8
VARBL													
CALM												5.0	
	11.2	31.0	29.7	15.2	6.2	1.3	.2	.1				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM AR 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)

72755 (STATION) HILL AFB UT (STATION NAME) 75-84 (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	1.7	3.1	2.8	1.2	.3							9.1	7.1
NNE	.3	.9	.9	.3								2.7	6.3
NE	.1	.9	.1		.1							1.2	6.2
ENE	.7	.2	.2	.1	.1							1.0	7.3
E	.4	.4	1.2	.8	.1	.2	.1					3.4	10.4
ESE	.3	.2	.7	.2	.1							2.1	6.3
SE	.4	.7	.7									1.8	5.6
SSE	.6	.7	.4	.7	.2							2.6	8.4
S	1.1	1.7	3.2	2.8	2.1	.2						11.1	11.0
SSW	1.0	1.9	1.9	1.9	.4	.1						7.1	8.9
SW	1.0	2.2	2.3	.8	.3	.1						6.8	7.9
WSW	.7	2.9	1.8	.8		.1						6.2	6.8
W	1.9	4.7	5.3	1.1	.1							13.1	6.8
WNW	1.0	3.9	2.8	.3	.2							8.2	6.4
NW	1.2	3.2	2.7	.6	.1							7.8	6.5
NNW	1.1	2.3	3.6	.7	.2							7.9	7.1
VARBL			.1									.1	9.0
CALM												7.8	
	14.3	29.8	30.4	12.2	4.6	.8	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 900

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

~~72755~~ STATION ~~HILL AFB UT~~ STATION NAME ~~75-84~~ YEARS ~~APR~~ MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 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	3.7	1.8	1.6	.3							11.8	7.1
NNE	1.1	1.4	.6									3.4	4.3
NE	.4	.7			.1							1.2	5.0
ENE	.4	.2			.2							.9	6.6
E	1.4	1.8	.9	1.4	.2	.2	.1					5.8	8.7
ESE	1.4	1.3	2.0	.7								7.4	6.1
SE	.9	1.7	.8	.1								3.4	5.1
SSE	.9	1.6	1.2	.4	.2		.1					4.4	7.5
S	.6	2.3	3.9	2.6	.7	.2						10.7	9.1
SSW	.9	2.1	1.3	.9	.2	.1						5.6	7.7
SW	1.1	1.3	.2	.1	.1							2.9	4.8
WSW	1.1	.8	.4	.2	.1							2.7	5.4
W	2.1	1.6	.6	.1								4.3	4.2
WNW	.3	1.2	1.0	.3								3.3	6.2
NW	1.3	2.2	.7	.4								4.7	5.2
NNW	1.9	3.2	1.8	1.2	.1	.2						8.4	6.8
VARBL													
CALM												19.0	
	19.2	29.2	19.1	10.1	2.3	.8	.2					100.0	6.5

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)

725755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 21C0-23C0 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	1.9	2.4	.8	.1							6.1	7.8
NNE	1.1	1.1	.3	.1								2.7	8.8
NE	.1			.2								.3	11.3
ENE	.7	.1	.3		.1							1.2	6.0
E	1.3	2.0	1.9	2.0	.1	.1	.2					7.7	8.6
ESE	2.6	10.7	18.7	3.9								35.8	7.4
SE	1.0	2.1	2.0	.2								5.3	5.8
SSE	.7	3.8	1.7	.3								6.4	5.9
S	.1	2.4	2.3	2.8	.1							7.8	9.4
SSW	.4	1.2	1.0	.1								2.8	6.2
SW	.7	.4	.1	.3	.2							1.1	8.5
WSW	.2	.3	.3	.1	.1							.9	7.6
W	.5	.6	.6		.2							1.9	6.2
WNW	.3	.2										.7	3.8
NW	.2	1.3	.3									1.9	5.5
NNW	.6	1.9	1.6	1.2	.4	.2						5.9	9.1
VARBL													
CALM												11.6	
	11.1	30.1	33.3	11.9	1.4	.3	.2					100.0	6.5

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)

[illegible]755 (STATION) HILL AFB UT (STATION NAME) 75-84 (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	2.7	2.2	1.0	.1	.0						7.1	7.0
NNE	.2	.8	.5	.1								2.2	4.8
NE	.4	.4	.1	.1	.0							1.1	5.4
ENE	.3	.2	.2	.1	.1	.1						1.0	8.4
E	.8	1.1	1.4	1.9	.6	.2	.1	.1				6.2	11.1
ESE	1.3	4.4	10.3	7.8	.3	.0						24.1	9.1
SE	.7	1.8	1.4	.3								4.3	6.2
SSE	.5	1.5	1.1	.6	.1	.0	.0					3.8	7.4
S	.7	2.4	3.3	3.5	1.6	.3	.0					11.8	10.7
SSW	.5	1.7	1.4	.8	.3	.1						4.8	8.2
SW	.8	1.3	.9	.4	.1	.0						3.5	6.8
WSW	.4	1.1	.8	.3	.0	.0						2.6	6.7
W	1.0	1.7	1.6	.5	.1							4.9	6.6
WNW	.6	1.3	.9	.3	.0							3.1	6.3
NW	.7	1.6	1.1	.3	.0							3.7	6.1
NNW	1.0	2.0	1.9	.7	.2	.1						5.8	7.2
VARBL			.0									.0	9.0
CALM												9.9	
	11.9	25.8	29.0	18.8	3.6	.7	.2	.1				100.0	7.4

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)

72755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0000-0300 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	2.7	1.[illegible]	.6								6.2	5.6
NNE	.2	.6	.2	.1								1.2	6.3
NE	.3	.4	.4	.1								1.2	6.3
ENE	.3		.2	.1								1.2	5.1
E	.5	1.7	1.7	1.4	.3	.1						5.9	8.9
ESE	2.2	9.8	25.1	9.7	.1	.1						46.0	8.5
SE	1.2	3.1	2.5	.6								7.4	6.4
SSE	.3	1.9	1.4	.2								4.3	5.9
S	.[illegible]	2.6	4.2	2.7	.3	.1						10.4	8.8
SSW	.2	.3	.6	.2		.1						1.5	9.1
SW	.2	.3	.2									1.2	5.5
WSW	.1	.1	.2	.2								.6	9.5
W	.1	.3	.1	.3								.9	7.9
WNW		.1	.1	.1								.3	8.7
NW	.2	.2	.2									.6	4.8
NNW	.2	.8	.8	.6	.2	.1						2.7	9.4
VARBL													
CALM												8.1	
	9.6	24.5	39.2	17.1	1.0	.5						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 930

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

725755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0100-0900 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.2	1.3	.4								4.8	5.6
NNE	1.1	.6										1.7	3.0
NE	.5	.1										.6	2.7
ENE	.1	.1	.2									.4	6.0
E	1.2	1.3	1.7	1.1	.8	.1						6.1	9.2
ESE	2.[illegible]	6.3	21.8	18.2	.4							48.8	9.7
SE	1.5	2.6	2.6	.9								7.5	6.5
SSE	.5	2.2	.9	.1								3.7	6.7
S	.4	1.6	4.6	2.2	.5	.1						9.5	9.2
SSW	.3	.5	1.0	.2								2.0	6.8
SW	.1	.2	.4	.1								.9	7.5
WSW	.2	.1	.3	.1	.2							1.0	9.6
W		.3	.4	.1								.9	8.1
WNW	.3	.2	.1									.6	4.0
NW	.1	.2	.3									.6	5.8
NNW	.3	1.2	.4	.3								2.3	6.7
VARBL													
CALM												8.5	
	10.8	18.8	36.1	23.7	1.9	.2						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

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

LOCAL CLIMATOLOGY BRANCH
USAFETAC
ATTN WEATHER SERVICE/MAC

SURFACE WINDS

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

725755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0400-0800 (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	1.6	.9	.9								4.6	6.1
NNE	1.2	.1	.2									1.8	2.9
NE	1.2	.1	.1	.2								1.4	4.5
ENE	.4	.1	.2									.8	4.4
E	.2	1.2	1.1	2.0	.8							6.0	10.1
ESE	1.7	7.2	18.7	20.0	1.8							48.7	10.0
SE	.2	2.7	1.7	1.1								5.5	6.9
SSE	.4	2.4	1.5	.2								4.5	6.2
S	.7	2.2	3.7	3.0	.4							9.1	9.3
SSW	.2	1.2	1.5	.2								2.9	7.6
SW	.7	.3	.5	.2								1.4	7.2
WSW		.7	.1	.4								.9	10.0
W	.2	.6	.4	.4								1.7	7.7
WNW	.1	.2										.3	3.3
NW	.1	.6	.5									1.3	6.3
NNW	.2	.5	1.0	.2								2.5	6.4
VARBL													
CALM												6.3	
	10.2	20.6	31.1	28.9	3.0							100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
7755	WILL AFB OT	75-84	MAY

CLASS: ALL WEATHER

HOUR (L.S.T.): 0900-1100

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	2.0	2.6	.3	.1							7.6	5.7
NNE	.6	.4	.2									1.3	4.3
NE	.0	.5	.1	.1								1.3	4.3
ENE	.2	.2	.2									1.5	4.4
E	2.0	2.9	2.7	1.7	.6							9.6	7.6
ESE	2.2	4.0	5.2	1.7	.1							13.1	7.0
SE	1.0	1.5	.9									3.3	4.7
SSE	.3	1.2	.8	.4								3.2	6.1
S	.6	2.4	4.5	4.1	1.6	.4						14.7	10.4
SSW	1.6	1.2	1.7	.3	.3	.1						6.9	6.7
SW	1.5	1.6	1.5	.6	.1							5.4	6.4
WSW	.4	1.5	.7	.2								2.4	5.4
W	1.5	1.4	1.0	1.4	.1							5.4	7.1
WNW	1.1	1.0	.6	.2	.1							3.0	6.7
NW	1.2	1.5	.9	.1								3.7	5.2
NNW	.9	1.7	2.3	1.0								5.8	7.4
VARBL													
CALM												9.8	
	19.5	28.3	26.6	12.3	3.1	.5						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 936

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

SURFACE WINDS

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

72755 (STATION) HILL AFB, T (STATION NAME) 75-84 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 12C-14CC (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	3.0	2.5	.9								8.7	6.2
NNE	.3	.4	.3	.1								1.6	4.6
NE	.6	.4										1.1	3.1
ENE	.3	.8	.1	.1								1.3	4.9
E	.5	.9	.5	.8								2.7	7.5
ESE	.1	.3	.8	.2								1.4	8.2
SE	.4	.3	.2									1.0	4.3
SSE	.2	.0	.5	.3								1.9	7.6
S	.3	3.0	3.2	2.6	.9	.6						11.1	10.0
SSW	1.2	2.5	3.2	1.8	.9							9.6	8.8
SW	1.4	3.5	1.9	.9	.2							7.8	6.5
WSW	1.7	1.2	2.5	.8								6.1	6.6
W	3.0	5.5	3.1	2.0	.1	.1						13.9	6.6
WNW	1.6	3.7	2.8	.6	.1							8.8	6.3
NW	2.0	3.9	2.9	.5								9.4	5.7
NNW	1.1	2.0	3.9	.9	.2							8.1	7.5
VARBL													
CALM												5.6	
	17.4	33.0	28.5	12.4	2.4	.8						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AUG 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)

72755 (STATION) HILL AFB UT (STATION NAME) 76-84 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	3.6	2.5	1.3	.3							10.3	6.3
NNE	1.2	1.1	.1	.1								2.5	3.9
NE	.3	.2		.2								1.2	4.6
ENE	.5		.1	.1								.8	4.4
E	.7	1.2	.6	.8	.1							3.1	8.0
ESE	.5	1.1	.6	.1								2.4	5.5
SE	.1	1.0	.5	.1								1.7	6.0
SSE	.1	.8	1.5	.4	.1		.1					3.0	9.5
S	.2	2.5	3.6	1.5	.2	.2						8.2	8.9
SSW	.3	2.3	2.2	1.7	.6	.1	.1					7.3	9.8
SW	.5	2.3	1.5	.9	.4							5.6	7.9
WSW	1.1	2.7	2.2	.9	.1							6.9	6.7
W	2.9	4.8	3.7	1.1	.1	.1						12.7	6.4
WNW	1.4	3.8	2.4	.2								7.8	5.8
NW	2.2	2.6	3.6	.3	.2							8.8	6.2
NNW	1.3	3.8	2.7	1.1	.3							9.4	6.7
VARBL													
CALM												8.4	
	17.1	33.2	27.7	10.8	2.6	.4	.2					100.0	6.4

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)

725755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 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	4.7	3.0	1.4	.5	.1						13.4	6.6
NNE	1.2	.9	.7									2.4	3.6
NE	1.0	.5	.2									1.7	3.6
ENE	.2	.2	.2									.6	5.0
E	1.7	1.1	.8	.8								4.3	5.8
ESE	1.0	3.1	1.2	.3								5.6	5.9
SE	2.3	1.3	.4									4.0	3.7
SSE	1.0	1.9	1.7		.1	.1	.1					5.0	6.8
S	1.7	4.1	3.1	2.3	.2	.1						11.1	7.7
SSW	.8	2.2	1.0	.6	.3	.1						5.5	7.6
SW	.9	1.3	.5	.1	.2							3.0	6.4
WSW	.8	1.7	.4	.4	.2							3.6	6.5
W	2.0	1.6	.5	.4		.1						4.7	5.4
WNW	1.0	1.0	.4	.4	.1	.1						3.0	6.8
NW	1.7	1.8	.5	.2								4.3	4.4
NNW	2.5	3.9	2.2	.6	1.0	.3	.2					10.7	7.8
VARBL													
CALM												17.0	
	22.8	31.4	17.2	7.7	2.5	1.2	.3					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 927

USAFETAC FORM JUL 64 0-8-5 (GL 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)

72755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 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.[illegible]	2.3	1.6	.9	.2							7.0	6.4
NNE	1.2	.5	.2	.1								2.0	3.9
NE	.4	.4	.2									1.2	5.0
ENE	.5	.2	.1			.1						1.0	5.6
E	1.5	2.7	2.2	1.6	.3							8.7	7.2
ESE	4.[illegible]	12.9	14.0	1.6								32.0	6.7
SE	2.[illegible]	2.3	2.4	.1								7.3	5.1
SSE	1.0	2.7	1.7	.2								5.6	6.9
S	.8	3.0	3.8	1.3	.5							9.4	8.3
SSW	.4	.2	.3	.3								1.3	6.5
SW	.2	.3	.1	.2	.1							1.0	8.6
WSW	.1	.1	.2	.1								.5	7.6
W		.5			.2							.8	9.1
WNW	.1	.8		.2								1.1	6.6
NW	.4	.9	.3									1.6	4.7
NNW	.9	1.9	1.4	.9	.4	.2						5.7	8.9
VARBL													
CALM												13.7	
	16.1	31.8	28.7	7.6	1.8	.3						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 927

USAFETAC FORM JUL 64 0-8-5 (GL 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)

72755 (STATION) HILL AFB UT (STATION NAME) 75-84 (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	2.3	2.7	1.9	.8	.1	.0						7.9	6.1
NNE	1.0	.6	.2	.1								1.8	3.9
NE	.5	.3	.1	.1								1.2	4.4
ENE	.5	.2	.2	.0		.0						.9	4.9
E	1.1	1.6	1.4	1.3	.4	.0						5.8	8.1
ESE	1.7	5.4	10.8	6.5	.3	.0						24.8	8.7
SE	1.2	1.9	1.3	.3								4.7	5.7
SSE	.5	1.7	1.3	.2	.0	.0	.0					3.9	6.5
S	.5	2.8	3.8	2.4	.6	.2						10.4	9.1
SSW	.6	1.5	1.7	.7	.3	.1	.0					4.9	8.1
SW	.5	1.3	.9	.4	.1	.0						3.3	6.8
WSW	.6	1.0	.8	.4	.1							2.7	6.9
W	1.2	1.9	1.2	.7	.1	.0						5.1	6.6
WNW	.7	1.3	.8	.2	.0	.0						3.1	6.1
NW	1.0	1.5	1.2	.1	.0							3.8	5.5
NNW	1.0	1.9	1.8	.7	.3	.1	.0					5.9	7.6
VARBL													
CALM												9.7	
	15.4	27.7	29.4	15.0	2.3	.5	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 7433

USAFETAC FORM AR 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)

725765 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0000-0300 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	1.[illegible]	.2								4.8	5.2
NNE	.3	.4	.1									.9	4.1
NE	.4	.2		.3								1.0	7.0
ENE	.3	.3	1.3	.9								2.9	8.9
E	.9	1.3	4.2	3.3	.1							9.9	9.4
ESE	1.3	7.1	24.9	18.6	.3							52.2	9.7
SE	1.2	2.3	1.8	.4								5.8	6.1
SSE	.4	1.3	1.6	.4								3.8	7.1
S	.7	1.4	3.1	1.1	.3							6.7	8.2
SSW	.2	.7	.6									1.4	6.2
SW		.3										.2	5.0
WSW	.2	.1										.3	2.7
W		.2										.2	6.0
WNW	.1	.3	.1									.5	5.2
NW	.4	.4	.2									1.1	4.1
NNW	.5	1.1	1.1	.3								3.1	6.8
VARBL													
CALM												5.1	
	8.6	19.9	40.0	25.7	.8							100.0	8.2

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)

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (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	.3	.8	.3	.1								2.1	4.7
NNE	.7	.7										1.3	3.5
NE	.3	.2	.1	.2								.9	6.5
ENE	.4	.6	.9	.6	.2							2.7	8.5
E	1.1	.9	2.4	4.8	.2							9.3	10.1
ESE	.6	7.0	23.4	27.6	1.6							60.1	10.5
SE	.4	2.0	1.2	.3								4.0	6.4
SSE	.2	1.6	.8	.3								2.9	6.9
S	.2	1.0	4.0	2.0	.1							7.3	9.4
SSW	.1	.8	.6									1.4	5.8
SW			.1	.1								.2	11.5
WSW	.1	.1	.2									.4	5.3
W	.1	.4										.6	4.4
WNW	.2	.3		.1								.8	4.9
NW	.2	.1	.1									.4	4.3
NNW	.6	.6	.3	.2								1.7	5.6
VARBL													
CALM												3.8	
	6.3	16.9	34.6	36.3	2.1							100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM AR 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)

[illegible]755 (STATION) WILL AFB LT (STATION NAME) 74-83 (YEARS) JUN (MONTH)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.4	1.6									5.2	5.4
NNE	.1	.3	.2									.7	5.3
NE	.4	.1										.6	2.6
ENE	.6	1.0	.4	.7								2.7	7.0
E	1.0	2.4	4.3	5.2	.4							13.4	9.7
ESE	1.1	5.7	19.2	26.9	2.3							55.2	10.8
SE	.7	1.9	.9	.7								4.1	6.7
SSE	.3	.7	1.2	.3								2.6	7.2
S	.2	.1	3.1	2.1	.2							5.8	10.4
SSW	.1	.2	.1	.1								.6	6.8
SW		.1										.1	6.0
WSW	.1	.2	.3	.1								.8	7.6
W	.1		.3		.1							.6	9.6
WNW	.3	.1	.1									.6	3.6
NW	.5	.4										1.0	3.1
NNW	.7	1.1	.8	.1								2.7	5.7
VARBL													
CALM												3.6	
	7.6	16.9	32.7	36.2	3.1							100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM AR 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)

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.7	1.3	.4								6.0	5.6
NNE	.9	.7	.2									1.7	3.9
NE	.9	1.0	.2									2.1	4.1
ENE	.9	1.4	.6	.2								3.1	5.4
E	1.7	3.9	4.6	2.8	.4							13.3	7.9
ESE	1.4	6.0	9.9	4.2	.1							21.7	8.1
SE	.6	.8	.3									1.7	4.8
SSE	.4	.9	.9	.4								2.7	6.9
S	.7	3.1	5.3	5.3	1.0	.2						15.7	10.1
SSW	.9	2.1	2.0	1.0								6.0	7.5
SW	1.1	2.3	1.0	.6								5.0	5.9
WSW	.4	.4	.7	.3								1.9	6.8
W	.7	1.4	.6	.1								2.8	5.5
WNW	.4	.9	.6	.2								2.1	6.3
NW	.7	1.6	.4	.2		.1						3.0	6.1
NNW	.7	1.3	2.1	.8								4.9	7.4
VARBL													
CALM												6.4	
	13.8	30.6	30.7	16.7	1.6	.3						100.0	7.0

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
ATC WEATHER SERVICE/MAC

SURFACE WINDS

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

124755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	4.3	2.2	1.0								9.3	6.0
NNE	.8	1.3	.3									2.4	4.4
NE	1.1	.8	.4									2.3	4.2
ENE	1.0	.3	.2									1.9	3.5
E	.6	.8	.2	.2								1.8	5.3
ESE	.7	1.0	.6									2.2	4.8
SE	.3	.8	.4									2.0	4.6
SSE	.3	.8	1.3	.1	.1							2.7	7.0
S	1.4	4.7	5.2	3.8	1.4	.3						16.6	9.3
SSW	.6	3.0	4.0	1.8	.1							9.1	7.9
SW	1.5	4.1	2.2	1.0	.1							9.0	6.4
WSW	1.2	2.4	2.3	.2								6.2	6.2
W	1.1	4.2	3.9	.6		.1						9.9	6.6
WNW	.7	2.8	2.8	.3	.1							6.7	6.9
NW	1.2	3.1	1.6	.3								6.2	5.6
NNW	.8	2.9	2.9	.6								6.7	6.3
VARBL													
CALM												5.0	
	15.9	37.3	30.2	9.2	1.9	.4						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUN 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)

72755 (STATION) HILL AFB UT (STATION NAME) 74-83 (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	2.7	8.7	4.9	.7								16.9	5.8
NNE	.9	1.6	.4									2.9	4.5
NE	1.4	1.2	.1	.1								2.9	3.7
ENE	.5	.1										.7	2.3
E	.7	.7	.1	.2								1.7	4.5
ESE	.4	.5	.5		.1							1.7	6.3
SE	.4	.9	.4									1.8	5.1
SSE	.4	.6	1.2	.3	.1							2.7	7.6
S	.5	2.6	2.1	1.6	.7	.1						7.6	9.0
SSW	1.4	2.6	2.7	1.9								8.6	7.5
SW	1.2	2.3	2.1	.6	.1							6.1	6.7
WSW	1.4	2.6	1.9	.3	.1							6.3	6.1
W	2.1	3.4	1.4	.2	.3	.1						7.7	6.1
WNW	1.6	3.4	1.9	.4		.1						7.4	6.1
NW	2.2	4.2	2.0									8.4	5.0
NNW	1.3	5.3	2.9	.7								10.2	6.3
VARBL													
CALM												6.6	
	19.2	40.7	24.8	7.0	1.4	.3						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM AUG 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)

23755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 18C-20CC (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	6.7	6.8	4.0	.7	.2							18.3	5.1
NNE	2.3	.9	.1									3.3	3.0
NE	1.3		.1									1.4	2.3
ENE	1.2	.4	.1									1.8	2.8
E	2.9	1.8	1.3	.8								6.8	5.4
ESE	1.9	4.6	1.9	.6								8.8	5.6
SE	1.7	2.8	.2	.2								4.9	4.5
SSE	1.1	2.6	.8	.1								4.6	4.8
S	1.2	3.1	1.4	1.1	.3	.1						7.3	7.3
SSW	.9	1.2	.9	.4	.1							3.6	7.1
SW	.4	.6	.2	.6								1.8	7.4
WSW	.7	.7	.7	.2								1.6	6.4
W	1.1	1.1	.4	.1								2.8	4.8
WNW	.3	.6		.3								1.2	7.2
NW	1.3	1.6	.7	.1								3.7	4.8
NNW	2.7	5.2	1.3	1.1								10.3	5.5
VARBL													
CALM												17.9	
	27.3	33.8	13.9	6.3	.7	.1						100.0	4.4

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)

72755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 21.0-23.00 (HOURS (L.S.T.))

(CONDITION)

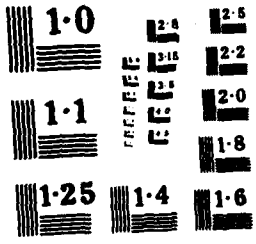
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.6	2.7	.9	.1							7.7	6.8
NNE	.9	.2	.3									1.3	4.2
NE	.7	.7										1.3	3.7
ENE	.8	.5	.9	.3								2.4	5.9
E	2.[illegible]	3.4	3.9	1.[illegible]	.1							10.4	6.8
ESE	7.4	12.1	23.6	5.[illegible]		.1						44.2	7.5
SE	1.7	3.8	1.[illegible]	.1								6.2	5.0
SSE	.2	1.5	1.1	.2								3.3	6.5
S	.4	1.1	1.6	1.9	.3							5.2	9.3
SSW	.2	.6		.1								.9	5.3
SW	.3	.2	.1									.7	4.5
WSW		.1			.1							.2	10.5
W		.3	.2	.1								.7	6.7
WNW	.2	.3	.1									.7	4.2
NW	.3	.6	.1									1.0	4.4
NNW	.8	1.6	1.4	.7	.1							4.6	7.2
VARBL													
CALM												9.1	
	13.0	29.9	36.9	10.2	.8	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 900

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

AD A147 184 HILL AFB UTAH REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS (RU..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. SEP 84 2/6

UNCLASSIFIED USAFETAC/DS-84/029 SBI-AD-E850 746 F/G 4/2 NL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GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72765 (STATION) HILL AFB UT (STATION NAME) 74-83 (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	2.2	3.8	2.2	.5	.0							8.8	5.7
NNE	.8	.8	.2									1.8	3.9
NE	.8	.5	.1	.1								1.6	4.1
ENE	.8	.6	.5	.3	.0							2.3	6.2
E	1.3	1.9	2.6	2.3	.2							8.3	8.2
ESE	1.7	5.5	13.[illegible]	1[illegible].3	.6	.0						30.8	9.4
SE	.9	1.9	.8	.2								3.8	5.5
SSE	.4	1.3	1.1	.3	.0							3.1	6.6
S	.7	2.1	3.2	2.3	.6	.1						9.0	9.2
SSW	.6	1.4	1.3	.6	.0							3.9	7.3
SW	.6	1.2	.7	.3	.0							2.9	6.4
WSW	.5	.8	.7	.2	.0							2.2	6.3
W	.7	1.4	.9	.1	.1	.0						3.1	6.2
WNW	.5	1.1	.7	.2	.0	.0						2.5	6.3
NW	.9	1.5	.6	.1		.0						3.1	5.1
NNW	1.[illegible]	2.4	1.6	.6	.0							5.5	6.3
VARBL													
CALM												7.2	
	14.2	28.2	30.5	18.5	1.5	.2						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 7200

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)

72755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0000-0700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	.2								1.8	6.3
NNE	.7	.7	.2									.9	5.1
NE	.1	.3	.2	.2								.9	8.1
ENE		.2	1.2	.3								1.7	9.1
E	.5	1.7	3.7	3.4	.3							9.7	10.0
ESE	1.[illegible]	5.3	24.[illegible]	25.4	.6							56.2	10.3
SE	.5	2.4	1.6	1.6								6.1	7.5
SSE	.2	2.4	2.8	.4								5.8	7.0
S	.4	1.[illegible]	4.6	2.6								8.6	8.9
SSW	.2	.4	.3		.1							1.1	7.0
SW	.1		.2									.3	6.7
WSW	.1	.1										.2	3.0
W	.1		.1									.2	4.0
WNW		.2	.1									.3	6.0
NW		.4	.2									.6	5.5
NNW	.7	.6	.5									1.5	5.8
VARBL													
CALM												4.0	
	4.5	15.9	40.3	34.2	1.1							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)

[illegible]755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 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	.7									1.3	4.[illegible]
NNE	.3	.1										.4	2.[illegible]
NE	.4	.6	.1	.1								1.3	4.8
ENE	.3	.3	.5	.6								1.7	8.8
E	1.4	1.2	2.8	3.7	.3							9.4	9.3
ESE	.9	4.5	17.[illegible]	36.[illegible]	1.9							60.3	11.5
SE	1.[illegible]	4.1	1.7	.9	.1							7.7	6.5
SSE	.2	1.9	1.4	.4								4.0	7.1
S	.3	1.6	4.7	1.3								8.2	8.5
SSW	.1	.4	.8	.2								1.5	7.8
SW	.1	.1	.1									.3	5.3
WSW			.1	.1								.2	11.5
W	.1	.1	.1									.3	4.7
WNW													
NW	.2	.3										.5	3.4
NNW	.1			.1								.2	8.5
VARBL													
CALM												2.6	
	5.8	16.2	29.6	43.4	2.4							100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 936

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)

72755 (STATION) HILL AFB UT (STATION NAME) 74-83 (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	.4	.2	.4									1.1	5.4
NNE	.1	.1										.2	3.0
NE	.1	.1	.2	.1								.5	6.6
ENE	.4	.3	.5	.1								1.4	6.2
E	1.7	2.5	4.8	5.3								13.9	9.3
ESE	1.3	6.9	18.1	34.1	2.9							63.0	11.3
SE	.3	1.6	1.7	1.0								4.4	7.2
SSE	.3	.9	1.8	.8								3.7	8.0
S	.1	1.1	3.5	1.9	.1							6.8	9.2
SSW		.3	.5	.1								1.0	7.4
SW			.1	.1								.2	10.5
WSW		.1	.1									.2	8.0
W	.1	.1										.2	3.5
WNW													
NW			.3									.3	7.3
NNW		.3	.4									.8	6.7
VARBL													
CALM												2.4	
	5.1	14.3	31.9	43.4	2.9							100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AA 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)

72755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1500-1100 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.7	.4	.3								4.0	4.8
NNE	.5	.4										1.0	3.2
NE	1.4	.8										2.2	3.0
ENE	.4	.5	.3									1.3	5.0
E	1.8	4.1	5.4	2.6	.2							14.1	7.5
ESE	1.2	7.3	14.7	6.3	.2							29.8	8.6
SE	1.0	1.0	.9	.1								2.9	5.5
SSE	.4	1.5	1.6	.3	.3							4.2	8.0
S	1.3	4.6	7.0	7.7	.6	.1						21.8	9.6
SSW	1.5	2.4	2.6	1.1								7.5	6.8
SW	.6	.6	.8									2.0	5.4
WSW	.2	.4	.2									.8	5.1
W	.2	1.3	.6									2.2	5.8
WNW	.3	.8	.2									1.3	4.8
NW	.2	.5	.1									.8	4.6
NNW	.5	.6	.2									1.4	4.6
VARBL													
CALM												3.1	
	13.2	28.6	35.1	18.5	1.8	.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AR 64 D-8-5 (DL 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)

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) HIL (WBAN)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	5.5	1.2									8.2	4.9
NNE	1.1	2.2	.1									3.3	4.0
NE	1.1	1.0	.1									2.2	3.5
ENE	1.1	1.0	.2	.1								2.4	4.0
E	.6	1.5	.9	.1								3.1	5.7
ESE	.9	1.3	.3	.1								2.5	4.8
SE	.9	.9	.1	.1								1.9	4.2
SSE	.3	.6	.8	.2	.1							1.9	7.6
S	2.0	4.4	5.9	4.6	1.2	.1						19.2	9.1
SSW	1.5	5.6	4.0	1.4		.1						12.6	6.7
SW	1.3	3.5	2.5	.4	.1							7.8	6.0
WSW	.5	2.7	1.7	.2								5.2	6.3
W	1.4	4.6	4.0	.6								10.6	6.4
WNW	.6	2.2	2.9	.1								5.7	6.4
NW	1.1	1.9	.9	.1								3.8	5.4
NNW	.6	2.0	1.6	.1								4.4	6.0
VARBL													
CALM												5.2	
	16.3	40.9	27.8	8.3	1.4	.2						100.0	6.1

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)

125755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) HOURS

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	8.1	2.3	.1	.1							14.4	5.6
NNE	1.3	1.4	.1									3.3	3.7
NE	1.6	1.3	.2									3.1	3.6
ENE	.9	.4	.1									1.4	3.5
E	.6	1.4	1.0	.6		.1						3.8	7.6
ESE	.2	.8		.1	.1							1.2	6.3
SE	.5	.3	.1	.2	.1							1.3	6.2
SSE	.3	.5	1.2	.5	.2							2.8	8.8
S	1.3	3.0	3.0	2.6	.3	.1						10.3	8.4
SSW	.3	2.6	2.3	.4	.4	.1						6.6	7.6
SW	1.0	2.6	1.6	.8								5.9	6.8
WSW	1.6	1.7	.9	.2								4.4	5.1
W	2.0	5.3	3.4	.3	.1							11.2	6.0
WNW	.5	3.8	3.3	.4	.1							8.2	6.7
NW	1.8	3.7	2.4	.1								8.0	5.4
NNW	1.4	4.7	2.2	.1								8.4	5.4
VARBL													
CALM												5.8	
	19.2	42.6	24.0	6.6	1.5	.3						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (GL 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)

72755 (STATION) HILL AFB UT (STATION NAME) 74-83 (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	6.5	4.0	1.7	.8								12.9	4.5
NNE	2.3	.6	.3	.1								3.3	3.4
NE	2.4	.3										2.7	2.2
ENE	1.1	.5	.1	.2	.1							2.0	5.1
E	3.5	1.6	1.4	1.4	.2							8.2	6.0
ESE	2.0	4.9	4.5	.9								12.3	6.5
SE	1.6	1.7	.7	.3								4.0	4.6
SSE	1.7	1.8	1.1	1.1	.2							6.1	6.7
S	.8	1.9	2.5	2.0	.3	.1	.1					7.7	9.4
SSW	.3	1.0	1.3	.5								3.1	7.5
SW	.4	.3	.7	.1	.1							1.3	6.7
WSW	.3	.1	.4	.1								1.0	6.3
W	.8	1.4	.4		.1	.1						2.8	5.6
WNW	.5	1.0	.4	.2								2.2	5.8
NW	.5	1.4	1.0	.1								3.1	5.8
NNW	2.9	3.3	1.1	.8	.2							8.3	5.4
VARBL													
CALM												19.0	
	28.0	26.0	16.9	8.5	1.3	.2	.1					100.0	4.7

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
STR WEATHER SERVICE/MAC

SURFACE WINDS

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

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.4	1.8	.8								3.7	8.5
NNE	.1	.1	.1	.1								.6	5.7
NE	.3	.5	.1									.9	4.8
ENE	.1	.5	.2	.2								1.0	6.9
E	1.1	2.7	3.1	2.7	.4							10.2	8.6
ESE	1.5	8.4	32.5	7.6	.1							50.1	8.4
SE	1.[illegible]	2.4	2.4	.4								6.1	6.4
SSE	.8	2.2	2.[illegible]	.5	.1							5.6	6.7
S	.2	1.6	3.9	2.5	.5	.1						8.8	9.8
SSW		.2	.3	.4								1.0	9.3
SW			.1									.1	7.0
WSW		.1										.1	6.0
W		.1	.1	.3								.5	10.6
WNW	.3	.1	.3									.6	5.8
NW		.4	.4		.1							1.0	8.2
NNW	.6	.5	.9	.5	.1	.2						2.9	9.0
VARBL													
CALM												5.8	
	7.[illegible]	20.3	48.9	16.2	1.4	.3						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AR 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)

72655 (STATION) HILL AFB UT (STATION NAME) 74-83 (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	1.6	2.8	1.1	.3	.0							5.9	5.1
NNE	.9	.7	.1	.0								1.6	3.8
NE	.0	.6	.1	.1								1.7	3.8
ENE	.6	.5	.0	.2	.0							1.7	6.1
E	1.4	2.1	2.9	2.5	.2	.0						9.0	8.3
ESE	1.1	4.9	13.9	13.8	.7							34.4	10.0
SE	.0	1.3	1.0	.6	.0							4.3	6.3
SSE	.6	1.0	1.6	.5	.1							4.3	7.3
S	.9	2.4	4.5	3.2	.4	.1	.0					11.4	9.2
SSW	.6	1.6	1.5	.5	.1	.0						4.3	7.1
SW	.4	.9	.7	.2	.0							2.3	6.3
WSW	.3	.7	.4	.1								1.5	5.8
W	.6	1.6	1.1	.2	.0	.0						3.5	6.1
WNW	.3	1.0	.9	.1	.0							2.3	6.3
NW	.5	1.1	.6	.0	.0							2.3	5.5
NNW	.9	1.5	.9	.2	.0	.0						3.5	5.9
VARBL													
CALM												6.0	
	12.4	25.6	31.8	22.4	1.7	.1	.0					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 7480

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

SURFACE WINDS

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

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0000-0300 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.9	1.1	.3								3.0	6.4
NNE	.2	.2										.4	3.3
NE	.1		.2									.3	5.3
ENE	.4	.3	.2		.1							1.1	6.2
E	.8	.3	4.0	4.0	.6							10.2	10.4
ESE	.3	5.7	25.3	24.9	.1							56.8	10.2
SE	1.1	3.2	1.9	1.1								7.3	6.7
SSE	.1	1.7	2.0		.1							4.2	6.9
S	.1	1.8	2.5	3.7	.3							9.5	10.0
SSW	.1	.1		.1								.3	6.0
SW	.1	.4		.1								.6	5.7
WSW	.1											.1	2.0
W	.1	.1	.1									.3	6.0
WNW	.0				.1							.1	6.0
NW	.1	.1	.2									.4	6.3
NNW	.5	.5	.5	.1								1.7	5.8
VARBL													
CALM												3.3	
	5.8	16.0	39.1	34.3	1.4							100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AR 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)

[illegible] HILL AFB UT — 74-83 — [illegible]
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — [illegible]
CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.3	.1	.1								1.0	5.0
NNE	.3		.2									.5	4.0
NE	.3	.2	.1	.1								.8	5.6
ENE	.3	.1	.2	.2								.9	7.3
E		2.3	3.0	4.5	.9							10.6	10.9
ESE	1.0	5.8	23.7	31.0	2.2							63.5	10.9
SE	.4	3.5	1.6	.9								6.5	6.7
SSE	.5	1.3	1.2	.1								3.2	6.0
S	.3	1.0	2.7	3.4	.2							7.6	10.4
SSW	.1	.1	.1	.1								.4	6.5
SW	.1	.1	.1									.3	4.7
WSW	.2											.2	2.5
W		.3										.3	5.0
WNW		.1										.1	6.0
NW	.2	.3	.1									.6	4.3
NNW	.3	.3	.2									.9	4.1
VARBL													
CALM												2.5	
	4.7	15.8	33.3	40.4	3.2							100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 930

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

[illegible] CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) MILL AFB CT (STATION NAME) 74-83 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) [illegible] (HOUR)

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.9	.1	.1								1.4	5.1
NNE	.2	.2										.3	3.7
NE	.1	.1										.2	3.0
ENE	.2	.3	.1									.6	4.5
E	1.1	1.4	4.1	5.5	1.4	.1						13.4	10.8
ESE	1.1	6.6	19.0	34.9	2.6							64.2	11.2
SE	.4	2.5	2.1	.5								5.5	6.8
SSE	.2	1.1	1.4	.4								3.2	7.5
S	.3	1.5	2.7	2.2								6.7	9.3
SSW	.2	.1	.6									.9	7.3
SW			.2	.1								.3	10.0
WSW		.1										.1	6.0
W	.2	.1										.2	3.0
WNW		.1	.1	.1								.3	8.3
NW		.1										.1	5.0
NNW	.2	.4	.2									.8	3.6
VARBL													
CALM												1.6	
	4.4	15.5	30.5	43.9	4.0	.1						100.0	10.2

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
21st WEATHER SERVICE/MAC

SURFACE WINDS

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

2725 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 00-23 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.5	.6									1.4	5.9
NNE	.9	.3	.2									.7	3.6
NE	.2	.6										1.4	3.3
ENE	.4	.5		.1								.1	4.2
E	1.2	5.3	5.6	4.2								16.1	8.0
ESE	2.2	6.2	14.6	5.7	.4							30.1	8.6
SE	1.1	1.7	1.5									4.3	5.5
SSE	.2	1.2	1.7	1.4								4.5	8.6
S	.5	4.6	7.2	7.2	1.1	.1						20.6	9.9
SSW	.3	2.8	1.6	1.2	.2							6.6	7.6
SW	.3	1.1	.2	.1		.1						2.3	6.0
WSW	.2	.1										.4	3.0
W	.5	.2	.6									1.4	5.6
WNW	.4	.5	.2									1.2	4.9
NW			.4									.4	8.3
NNW	.2	.3	.1	.2								.9	6.0
VARBL													
CALM												5.6	
	10.6	26.6	38.6	20.6	1.7	.2						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

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

[illegible] CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] STATION — HILL AFB UT STATION NAME — 74-83 YEARS — AUG MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 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	3.2	1.2									7.2	4.5
NNE	1.[illegible]	1.3	.2									2.5	4.[illegible]
NE	.5	.8	.1									1.5	3.9
ENE	.2	.2		.1								1.1	4.1
E	.5	.5	.2									1.4	3.9
ESE	.3	.6	.6	.2								1.9	6.1
SE	.2	.4	.4									1.0	4.9
SSE	.6	1.7	.5	.2	.1							3.3	6.3
S	7.[illegible]	5.4	5.5	1.5	.9							18.3	7.8
SSW	1.5	6.1	5.4	1.7	.5							15.4	7.3
SW	1.2	3.7	2.4	.9	.1	.1						8.3	6.9
WSW	1.6	2.7	1.6	.2								6.1	5.7
W	2.[illegible]	5.6	3.5	.4								11.6	5.8
WNW	1.2	2.7	1.6	.3	.1							5.5	6.2
NW	.3	2.3	1.2	.2								4.4	5.6
NNW	1.2	2.[illegible]	1.0	.3								5.4	6.1
VARBL													
CALM												4.5	
	19.3	39.5	26.2	8.2	1.7	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

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

[illegible]RAL CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 15[illegible]C-17CC (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 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.[illegible]	6.6	2.3	.1								12.9	4.6
NNE	2.4	1.7	.1									4.2	3.3
NE	1.2	.4										1.6	3.1
ENE	.7	.2										.5	3.8
E	.5	.4	.1	.1								1.2	4.5
ESE	.3	.5	.6	.1	.1							2.3	6.4
SE	.4	.5	.1	.1								1.2	4.7
SSE	.4	.9	.5	.3	.1							2.2	7.1
S	1.5	2.5	2.7	1.9	.4							9.1	6.0
SSW	.5	2.2	2.[illegible]	1.1	.1	.1						6.[illegible]	8.0
SW	1.4	2.6	1.1	1.0								6.0	6.5
WSW	.4	2.4	.4									1.2	5.1
W	2.6	7.[illegible]	2.9	.3	.1							13.9	5.7
WNW	1.9	4.6	2.6	.5								9.7	5.7
NW	1.5	5.7	2.8	.4								10.5	5.7
NNW	1.5	5.5	1.7	.5								9.2	5.6
VARBL													
CALM												7.2	
	21.5	43.8	20.0	6.6	.9	.1						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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0000-2300 (LST)

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.3	3.7	1.0	.8	.3							11.5	4.7
NNE	2.3	.3	.1									3.2	2.9
NE	1.0	.3										1.3	2.8
ENE	1.1	.1										1.2	2.1
E	4.2	2.6	1.5	.8	.2							9.4	5.2
ESE	3.7	5.3	2.8	.2								12.3	5.6
SE	1.1	1.9	.3	.2								3.5	4.7
SSE	1.4	2.2	.3	.3	.2							4.8	5.7
S	1.3	1.0	2.0	2.3	.5	.1						8.0	9.4
SSW	.3	.3	1.3	.2	.2							2.4	8.6
SW	.1	.4	.1	.1								.9	6.0
WSW	.0	.4	.2									.6	5.1
W	1.1	1.5	.4	.2		.1						4.1	4.8
WNW	.3	1.1	.1									2.0	3.9
NW	1.0	1.1	.3	.5	.1							3.0	6.5
NNW	5.1	2.9	1.0	.1								9.0	3.9
VARBL													
CALM												22.6	
	31.0	26.2	12.7	5.7	1.6	.2						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 936

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)

72755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.5	1.1	.2								2.3	7.2
NNE	1.1	.4										1.4	3.1
NE	.6	.1			.1							.8	4.5
ENE	.1	.2	.1	.1								.5	7.6
E	1.1	2.1	5.6	1.9	.2	.2						11.0	8.6
ESE	1.9	14.1	29.7	7.1	.1							52.9	8.0
SE	1.4	2.9	1.3									6.1	5.8
SSE	.9	2.6	2.9	.5	.1							6.2	7.3
S	.4	1.1	2.6	1.5	.4							6.0	9.6
SSW		.2	.2	.4	.1							1.0	10.6
SW	.1	.2	.4	.2								1.0	7.8
WSW		.1	.1									.2	7.5
W	.1	.1	.2									.4	6.0
WNW	.1	.2										.5	3.4
NW	.1	.6	.4									1.2	6.8
NNW	.3	.6	.9	.2								2.5	6.0
VARBL													
CALM												5.9	
	8.8	26.1	45.6	12.3	1.1	.2						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 930

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

[illegible]RAL CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible]755 (STATION) HILL AFB UT (STATION NAME) 74-83 (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	1.8	2.2	.9	.3	.0							5.1	4.9
NNE	1.[illegible]	.7	.1									1.8	3.4
NE	.6	.3	.1	.0	.0							1.0	3.7
ENE	.2	.3	.1	.1	.0							.9	4.7
E	1.2	1.9	3.0	2.6	.4	.0						9.2	8.8
ESE	1.4	5.7	14.5	13.1	.7							35.5	9.7
SE	.3	2.1	1.2	.3								4.5	6.0
SSE	.6	1.6	1.3	.4	.1							4.0	7.0
S	1.[illegible]	2.4	3.7	1.2	.5	.0						10.7	9.2
SSW	.1	1.5	1.4	.6	.1	.0						4.1	7.6
SW	.5	1.1	.6	.3	.0	.0						2.5	6.6
WSW	.1	.7	.3	.0								1.4	5.3
W	.5	1.3	1.0	.1	.0	.0						3.9	5.6
WNW	.6	1.1	.6	.1	.0							2.5	5.6
NW	.5	1.3	.7	.1	.0							2.6	5.8
NNW	1.2	1.6	.8	.2								3.8	5.1
VARBL													
CALM												6.7	
	13.3	26.2	30.3	21.5	1.9	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 7480

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) HILL AFB UT (STATION NAME) 74-81 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0000-2300 (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	.9	.9	1.[illegible]	.2								2.6	6.9
NNE	.7	.1	.2									.7	5.0
NE	.2											.2	2.[illegible]
ENE		.2	.7	.1								.7	6.5
E	.6	.7	4.2	3.7	.7	.1						9.9	1[illegible].6
ESE	.1	5.1	24.7	27.9	.8							59.2	10.5
SE	.7	2.4	2.[illegible]	.9	.3							5.8	7.5
SSE	.7	1.5	.9	.2								3.4	5.9
S	.2	1.2	2.9	2.7	.4							7.4	9.8
SSW	.1	.4	.7	.2								1.1	7.2
SW		.2	.2	.1								.4	8.0
WSW		.1	.1									.2	7.5
W	.1	.2		.1	.1							.6	7.8
WNW			.1									.1	8.0
NW	.3	.4	.4		.1							1.3	6.5
NNW	.2	1.2	.6	.6								2.3	7.8
VARBL													
CALM												3.8	
	5.1	14.8	37.7	36.7	2.3	.2						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JAN 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)

[illegible] (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) [illegible] (HOUR (LST))

(CONDITION)

SPEED (KNTS) DIR	1 - 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	.8	.3	.1							2.3	7.0
NNE	.7	.2	.1									1.0	3.7
NE	.2	.1										.3	3.0
ENE	.1			.2	.1							.4	12.5
E	.2	1.1	2.7	4.4	.6	.1						9.2	11.3
ESE	1.[illegible]	4.5	15.4	35.8	2.1	.1						63.0	11.7
SE	.8	2.2	1.[illegible]	1.4								5.6	7.3
SSE	.8	1.7	.7	.3								1.4	5.7
S	.6	1.3	3.0	1.7								6.6	8.6
SSW	.2	.2	.4		.1							1.1	7.1
SW	.1	.1	.3									.6	6.4
WSW		.1										.1	4.0
W		.3	.3	.1	.1							.9	9.0
WNW		.1		.2								.3	10.3
NW		.2	.2	.1								.6	7.0
NNW	.4	.7	.2	.2	.2							1.8	7.1
VARBL													
CALM												2.8	
	5.6	14.0	25.3	48.8	3.3	.2						100.0	10.3

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
ATR WEATHER SERVICE/MAC

SURFACE WINDS

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

CENTER (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	.1								1.4	5.9
NNE	.1	.2	.1									.7	4.0
NE	.1		.1									.4	6.0
ENE		.1										.1	4.0
E	.7	1.4	3.1	6.2	1.8							13.2	11.8
ESE	1.6	7.3	16.2	35.9	4.1	.1						64.7	12.0
SE	.6	1.6	1.0	1.0	.2							4.3	8.0
SSE	.6	.7	.8	.1								2.1	5.8
S	.2	1.3	2.4	1.4	.1	.1						5.7	9.3
SSW	.1		.4	.2	.1							.9	9.6
SW		.1										.2	5.0
WSW			.2									.2	8.0
W		.1	.1									.2	7.0
WNW	.1	.1										.2	4.0
NW		.1	.1									.4	6.3
NNW	.1	.4	.9	.6								2.6	7.5
VARBL													
CALM												2.6	
	4.3	11.6	26.0	48.6	6.3	.2						100.0	10.8

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)

72765 (STATION) MILL AFB CT (STATION NAME) 74-81 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0000-1100 (LST)

(CONDITION)

SPEED (KNTS) DIR	1 - 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	1.7	1.3	.7	.1							4.4	6.8
NNE	1.7	.6										1.9	3.1
NE	.3	.6	.1									1.0	3.1
ENE	.5	.3		.1								1.3	3.8
E	1.2	4.6	3.9	6.3	1.4	.3						17.8	10.2
ESE	1.7	5.0	15.8	11.8	1.1							34.3	9.5
SE	.7	1.0	.8	.1								2.6	5.3
SSE	.6	1.0	1.1	.4								3.1	6.9
S	1.3	4.1	5.6	3.9	1.0							16.2	8.6
SSW	.6	2.1	.5	.7	.1							4.3	6.8
SW	.3	.8	.6	.4		.1						2.2	7.9
WSW		.4	.2	.2								.9	7.4
W	.6	.2	.7	.1								1.6	5.9
WNW	.3		.1	.1								.6	5.6
NW	.4	.2	.6									1.2	5.5
NNW	.4	.4	1.1	.3								2.3	7.3
VARBL													
CALM												3.7	
	10.3	23.0	32.7	24.1	3.8	.4						100.0	8.3

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)

72755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	6.6	2.6	.7	.1							13.2	5.3
NNE	1.3	1.2	.2									2.8	3.6
NE	.7	.7										1.3	3.5
ENE	.1	.1	.2	.2								.7	8.5
E	.7	1.0	1.3	1.1	.1							4.2	8.1
ESE	.4	.6	1.0	.4								2.4	7.8
SE	.7	.6	.7									1.6	5.9
SSE	.2	.4	.2	.4								1.9	8.1
S	1.7	4.9	4.0	3.0	1.2	.2						15.0	8.7
SSW	1.4	5.4	3.9	.7	.2							11.7	6.5
SW	1.7	3.8	1.8	.6	.3	.1						8.2	6.5
WSW	1.4	2.9	1.3	.2	.1							6.1	5.6
W	2.4	3.6	2.7	.1								8.8	5.4
WNW	.9	2.3	1.1									4.3	5.4
NW	.9	2.8	1.7	.1	.1							5.4	6.1
NNW	1.2	3.1	2.0	.2								6.6	5.7
VARBL													
CALM												5.8	
	18.8	39.9	25.2	7.8	2.2	.3						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 900

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

...RAL CLIMATOLOGY BRANCH
...FETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

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

72755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 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	9.8	2.6	.7	.1							16.6	5.4
NNE	.3	1.4	.3	.1								3.7	4.2
NE	.7	.4	.1									1.4	3.4
ENE	.7	.4	.1	.1								1.6	5.1
E	.3	.2	.1	.9								1.4	9.7
ESE	.3	.4	.7	.4								1.8	8.2
SE	.3	.6	.7									1.4	6.2
SSE	.3	.3	.7	.1								1.3	6.6
S	.7	1.3	1.9	2.1	.6							6.1	9.7
SSW	1.3	1.3	1.2	.7	.1							4.9	6.9
SW	1.3	3.6	1.2	.7								6.4	5.8
WSW	1.2	2.3	1.2									4.8	5.0
W	1.7	5.6	1.9	.7								10.0	5.5
WNW	1.3	4.1	1.7	.6								9.3	5.2
NW	2.3	4.1	1.1	.3								9.6	5.8
NNW	2.4	7.3	1.2	.2								13.2	5.4
VARBL													
CALM												7.0	
	20.6	43.6	20.6	7.6	.8							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
7TH WEATHER SERVICE/MAC

SURFACE WINDS

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

725725 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1800-2400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	3.8	1.7	.8								11.4	4.9
NNE	1.4	1.0	.1	.1								2.7	3.5
NE	.3	.7										.1	3.0
ENE	1.7	.1	.1	.2								1.6	3.8
E	2.6	3.6	1.1	.8								8.0	5.2
ESE	2.4	7.2	3.7	.6								14.0	5.5
SE	1.0	1.0	.1	.1								3.0	4.3
SSE	.2	2.0	1.2	.3		.1						4.9	5.9
S	1.1	2.2	2.4	1.3	.2		.1					7.4	7.9
SSW	.4	.6	.4	.4	.2							2.1	8.2
SW	.6	.6	.3	.2								1.4	5.2
WSW	.4	.7										1.1	3.9
W	1.2	1.2	.2	.1	.1							2.9	4.7
WNW	.5	.8	.1									1.4	4.1
NW	1.2	1.8	.9	.1								4.0	5.0
NNW	2.3	3.7	.7	.4	.1							7.7	4.7
VARBL													
CALM												25.4	
	24.6	33.3	12.2	5.6	.7	.1	.1					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

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

USDAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] HILL AFB UT — STATION NAME — 74-83 — YEARS — SEP — MONTH

ALL WEATHER — CLASS — [illegible] — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.2	.7	.3								2.7	6.3
NNE	.1	.4	.3									1.3	4.5
NE	.0	.1										.7	2.0
ENE	.1	.3										.7	3.2
E	1.2	2.4	3.7	1.6	.6							9.4	8.1
ESE	1.3	12.1	31.7	9.3	.1							54.7	8.4
SE	.9	2.9	2.[illegible]	.6								6.3	6.2
SSE	.4	1.4	1.4	.2								3.6	6.2
S	.4	.9	2.9	2.[illegible]	.2							6.3	9.6
SSW	.4	.7	1.[illegible]									2.1	5.9
SW	.1											.1	2.0
WSW	.1	.2		.1								.4	6.5
W	.1	.3	.2									.8	5.3
WNW	.1	.1	.3	.1								.7	7.7
NW	.1	.4	.7	.3	.1							1.8	8.1
NNW	.5	.9	.7	.7	.1							2.9	7.9
VARBL													
CALM												5.6	
	8.1	24.6	45.4	15.2	1.1							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 900

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

LOCAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

SURFACE WINDS

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

72765 — STATION
HILL AFB UT — STATION NAME
74-83 — 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	1.3	3.2	1.3	.5	.1							6.8	5.5
NNE	1.1	.7	.3	.0								1.6	3.8
NE	.5	.3	.1									.9	3.3
ENE	.4	.2	.1	.1	.0							.8	5.4
E	.5	1.3	2.5	3.1	.6	.1						9.2	9.7
ESE	1.3	4.9	13.6	16.5	1.5	.0						36.8	10.3
SE	.5	1.6	1.0	.5	.0							3.8	6.6
SSE	.5	1.2	.9	.3		.0						3.0	6.3
S	.3	2.1	3.1	2.2	.5	.0	.0					8.6	8.9
SSW	.6	1.4	1.1	.4	.1							3.5	6.9
SW	.5	1.2	.5	.2	.0	.0						2.5	6.3
WSW	.4	.5	.4	.1	.0							1.7	5.5
W	.8	1.4	.8	.2	.0							3.2	5.6
WNW	.6	.9	.4	.1								2.1	5.4
NW	.6	1.3	1.0	.1	.0	.0						3.0	5.9
NNW	1.1	2.2	1.2	.4	.1							4.9	6.0
VARBL													
CALM												7.1	
	12.5	25.3	28.1	24.3	2.5	.2	.0					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 7200

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

USAF CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] STATION — HILL AFB UT STATION NAME — 74-83 YEARS — OCT MONTH

ALL WEATHER CLASS — [illegible] HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 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.[illegible]	.[illegible]									2.[illegible]	4.1
NNE	.[illegible]	.[illegible]										.6	4.5
NE	.[illegible]	.[illegible]										.2	3.0
ENE	.[illegible]	.1	.2	.1								.8	6.7
E	.[illegible]	1.1	3.[illegible]	2.4	.2							7.3	9.2
ESE	1.[illegible]	[illegible].7	28.1	19.7	.8							56.5	9.9
SE	1.[illegible]	2.[illegible]	3.2	1.3								8.6	7.0
SSE	.[illegible]	.[illegible]	1.[illegible]	.3								2.7	6.8
S	.[illegible]	1.4	3.[illegible]	1.4	.1							6.3	8.3
SSW	.[illegible]	.5	.4	.3		.1						1.7	7.8
SW	.[illegible]	.2	.4									.9	5.8
WSW	.[illegible]			.2								.3	10.0
W	.[illegible]	.1	.1	.2	.1							.9	8.0
WNW													
NW	.4	.2	.3	.1								1.1	5.3
NNW	.[illegible]	1.1	.9	.2								2.8	5.9
VARBL													
CALM												7.3	
	7.5	16.8	40.9	26.2	1.2	.1						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AR 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)

[illegible] (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) 661 (HOURS)

ALL WEATHER (CLASS) [illegible] (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.0	.6									1.8	6.7
NNE	.9	.2										1.0	3.0
NE	.2	.1	.2									.5	5.2
ENE		.1	.3	.3								.8	10.6
E	.5	.5	1.7	3.1	.8							6.7	11.3
ESE	1.4	4.7	20.3	33.1	1.8							61.2	11.1
SE	.5	1.6	2.2	1.1								5.4	7.8
SSE	.2	1.1	1.2	.3	.2							3.0	7.6
S	.2	1.2	2.9	2.5	.1							6.9	9.5
SSW	.1	1.0	.3	.4								2.3	8.0
SW	.1	.3	.1	.1								.6	6.3
WSW	.3		.1	.2								.5	7.8
W	.1	.2		.3								.6	9.0
WNW	.1	.1										.2	4.0
NW	.6	.3	.1									1.1	3.6
NNW	.1	.9	.3	.5	.1							1.8	8.4
VARBL													
CALM												5.6	
	5.5	13.2	30.6	42.0	3.0							100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 930

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

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible]755 (STATION) MILL AFB [illegible] (STATION NAME) 74-83 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR	1 - 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.[illegible]	1.3	1.[illegible]	.4								3.7	6.2
NNE	[illegible]	.3	.1									.5	5.0
NE	[illegible]											.1	2.0
ENE	.1	.1										.2	3.5
E	.5	1.5	2.[illegible]	4.2	.6	.1	.1					9.1	11.2
ESE	.9	4.5	15.3	37.7	3.1							61.5	11.7
SE	.5	1.2	1.4	1.1	.1							4.3	8.1
SSE	.2	1.3	.4									1.9	5.4
S	.4	1.5	2.7	2.3	.4							7.3	9.8
SSW	.1	.6	.4	.1								1.3	6.5
SW		.3	.1									.4	5.3
WSW	.1		.2									.3	6.0
W	.1	.3	.4	.1								1.0	7.8
WNW		.5	.1	.1								.8	6.6
NW	.2	.5										.8	4.4
NNW	.5	1.4	.3	.2								2.5	5.2
VARBL													
CALM												4.3	
	4.5	15.5	24.5	46.2	4.3	.1	.1					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 936

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)

72755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 00-03=1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.2	1.6	.9								4.3	7.4
NNE	.3	.2										1.0	2.9
NE	.2	.1										.3	3.0
ENE	.2	.4	.1									.9	3.9
E	2.2	4.2	4.1	2.4	1.1	.1						13.9	8.3
ESE	1.3	6.8	16.9	15.1	1.1	.1						41.2	9.7
SE	1.1	1.6	1.2	.4								4.3	6.1
SSE	.2	.6	1.2	.4								2.6	7.3
S	.5	1.9	3.8	3.4	1.3	.1	.1					11.2	10.6
SSW	.6	1.3	1.2	.9	.1	.2						4.3	8.3
SW	.2	.5	.2									1.0	5.3
WSW	.2	.2										.6	4.0
W	.5	.2	.4	1.1	.1							2.4	9.1
WNW	.2	.2	.2	.2								1.0	7.7
NW	.2	.4	.6	.1								1.5	6.9
NNW	.3	1.5	1.2	.6								3.7	7.0
VARBL													
CALM												6.0	
	10.0	21.4	32.9	25.5	3.7	.5	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

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

[illegible] CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1200-1400 (LST)

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	4.0	1.7	1.6								9.1	6.3
NNE	1.7	1.2	.1									2.6	3.7
NE	.3											.8	2.0
ENE	.5	.3										1.0	3.0
E	.5	1.1	1.1	.6		.1						3.8	7.7
ESE	.1		.4	.3		.1						1.3	8.8
SE	.5	.5	.3	.2								1.9	4.9
SSE	.2	.2	.6	.1								1.6	5.7
S	1.3	3.4	4.0	2.9	.6	.4						13.3	8.8
SSW	2.4	4.5	3.3	.6	.3	.1						11.3	6.5
SW	1.2	2.5	1.5	.3								6.1	5.3
WSW	1.4	1.3	1.6	.2								4.5	5.6
W	2.0	3.4	2.4	.3	.1							8.3	5.7
WNW	1.6	2.0	1.0	.2								4.8	5.2
NW	1.0	2.0	1.1	.2								4.8	5.4
NNW	2.0	2.9	3.0	.9	.1							9.1	6.5
VARBL													
CALM												15.6	
	22.0	29.5	22.4	8.6	1.2	.8						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 936

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)

72755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 15GC-17GC (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	5.4	2.9	.5	.1							14.3	6.8
NNE	.5	.5	.1									1.2	4.4
NE	.2	.1										.4	3.0
ENE	.2	.2										.5	3.6
E	.5	.4	.1									1.2	3.6
ESE	.4	.6		.1								1.2	4.5
SE	.4	.3	.1									.9	3.8
SSE	.2	.3	.6			.1						1.6	7.1
S	1.5	1.7	3.1	1.0		.1						7.4	7.2
SSW	1.3	2.0	1.2	.4	.2							5.8	6.0
SW	1.2	1.7	.8	.1								3.9	4.9
WSW	1.3	2.7	.9	.1	.1							5.7	4.7
W	3.4	3.7	1.9	.1	.1							9.5	4.7
WNW	1.5	3.9	1.1									6.8	4.6
NW	4.1	4.0	1.3	.1	.1							9.6	4.5
NNW	5.5	7.4	2.8	.6								16.3	5.0
VARBL													
CALM												13.8	
	28.9	35.4	17.0	4.1	.6	.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

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)

2755 (STATION) MILL AFB LT (STATION NAME) 74-83 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.8	3.0	1.9	.8								8.5	5.6
NNE	1.2	1.2										2.4	3.4
NE	.7	.1										.4	2.8
ENE	.7											1.0	2.0
E	2.3	2.2	.5									4.9	3.9
ESE	2.7	5.7	3.4	.1								11.9	5.4
SE	1.7	2.8	.4									4.9	4.0
SSE	1.1	2.2	.4	.1								3.7	4.6
S	.5	3.2	2.2	.8		.1						6.9	6.9
SSW	.2	.5	.5	.1								1.4	6.6
SW	.7	.3	.1	.1								1.8	3.9
WSW	.2	.8		.1								1.4	3.9
W	1.2	1.2	.1		.2							2.7	4.8
WNW	1.7	.4	.1									1.8	2.9
NW	1.7	1.1	.2		.1							2.7	4.4
NNW	2.5	3.5	.8	.4								7.6	4.7
VARBL													
CALM												35.9	
	21.5	28.5	10.8	2.5	.3	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 936

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)

24755 (STATION) HILL AFB UT (STATION NAME) 74-83 (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	.3	1.7	.5	.8								3.8	6.2
NNE	.1	.1	.1	.3								1.3	6.7
NE	.1	.2										.3	4.3
ENE	.3											.3	2.7
E	1.5	1.6	2.3	.3	.2							6.0	6.4
ESE	7.2	12.3	25.2	6.3	.1							47.4	7.8
SE	2.3	5.9	1.6	.2								10.6	4.8
SSE	.7	1.8	.5	.3								3.7	5.4
S	.5	2.6	2.7	1.4	.2							7.4	7.9
SSW	.2	.4	.1	.3								1.1	7.0
SW	.2	.1										.3	3.7
WSW		.3		.1								.4	7.0
W	.2	.2										.4	3.5
WNW	.2	.1										.4	2.8
NW	.6	.5	.5	.1								1.8	5.2
NNW	.5	1.4	.6	.1								2.7	5.6
VARBL													
CALM												11.9	
	12.7	29.7	34.8	10.3	.5							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

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

TECHNICAL CLIMATOLOGY BRANCH
USAFETAC
6TH WEATHER SERVICE/MAC

SURFACE WINDS

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

72255 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.3	1.3	.7	.0							5.9	6.0
NNE	.6	.6	.1	.0								1.3	4.1
NE	.2	.1	.0									.4	3.2
ENE	.1	.2	.1	.1								.7	4.6
E	1.2	1.5	1.9	1.6	.4	.0	.0					6.6	8.5
ESE	1.1	5.2	17.7	14.1	.9	.0						35.3	10.0
SE	1.2	2.1	1.7	.5	.0							5.1	6.0
SSE	.6	1.0	.3	.2	.0	.0						2.6	6.2
S	.3	2.1	3.0	1.9	.3	.1	.0					8.3	8.8
SSW	.7	1.4	1.0	.4	.1	.1						3.6	6.9
SW	.2	.8	.4	.1								1.9	5.1
WSW	.6	.7	.7	.1	.0							1.7	5.2
W	1.0	1.2	.7	.3	.1							3.2	5.8
WNW	.7	.9	.7	.1								2.0	4.8
NW	1.1	1.1	.5	.1	.0							2.9	4.9
NNW	1.6	2.5	1.7	.5	.0							5.8	5.6
VARBL													
CALM												12.6	
	14.2	23.7	26.7	20.7	1.9	.2	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7480

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)

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (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	.3	1.4	1.0	.6								3.8	6.6
NNE	.4	.8										1.2	3.7
NE	.4											.4	2.0
ENE		.4	.1									.6	5.4
E	1.1	1.9	2.4	1.1	.2	.2		.2				7.1	8.9
ESE	2.3	7.8	22.2	12.0	.9	.1		.1				45.4	9.1
SE	2.3	2.0	2.9	.7								7.8	6.0
SSE	.9	1.2	1.3	.6								3.9	6.5
S	1.2	1.6	4.0	2.3								9.1	8.2
SSW	.9	1.0	.8	.3								2.9	6.2
SW	.2	.1										.3	2.7
WSW	.2	.3		.2								.8	6.9
W	.2	.1	.1	.3								.8	9.1
WNW	.1	.4	.1	.2								.9	7.1
NW	.7	1.0	.1	.1			.1					2.0	5.7
NNW	1.0	1.7	.6	.2								3.4	5.3
VARBL													
CALM												9.6	
	12.7	21.7	35.6	18.7	1.1	.3	.1	.3				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM AR 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)

[illegible]755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.4	.6	.6								2.8	6.0
NNE	[illegible]	.2										1.2	2.6
NE	.3		.3									.7	5.7
ENE			.6									.6	8.8
E	1.3	1.7	2.4	2.1	.4	.1		.2				8.3	9.5
ESE	.3	7.9	20.4	16.7	1.9	.2		.1				48.1	10.1
SE	1.[illegible]	3.1	1.8	1.[illegible]								6.9	6.7
SSE	.8	1.6	1.2									3.6	5.3
S	1.2	1.7	2.9	3.2								8.9	8.8
SSW	.3	.8	1.1	.1								2.3	6.7
SW		.2	.1	.2								.6	9.4
WSW	[illegible]	.2										.3	4.7
W	.4	.4	.2	.4								1.6	7.1
WNW	.2	.3										.6	3.8
NW	.3	.7		.1								1.7	3.9
NNW	.3	.9	.9	.7								3.1	6.6
VARBL													
CALM												8.9	
	10.7	24.0	32.3	25.1	2.3	.3		.3				100.0	8.0

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)

72755 (STATION) HILL AFB UT (STATION NAME) 74-83 (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	.5	2.2	1.1	.3								4.2	6.0
NNE	.4	.1	.1									.7	3.8
NE	.2	.2										.4	4.5
ENE		.2	.3	.2								.8	8.7
E	.2	2.2	3.2	2.1	.3			.2				8.6	10.4
ESE	1.3	5.4	19.2	21.3	1.7	.3						48.8	10.4
SE	1.2	1.9	1.2	2.6	.1							6.9	8.2
SSE	1.4	1.4	1.1	.2								4.2	5.2
S	1.2	1.2	3.2	2.1								7.8	8.4
SSW	.3	1.2	.9	.4								3.1	6.7
SW	.2	.4	.1									.8	5.0
WSW	.1		.2	.1								.4	8.0
W	.2	.6	.2	.1								1.1	5.7
WNW	.1	.3	.1									.6	4.6
NW	.4	.2	.1									.9	4.0
NNW	.2	1.6	.4	.3								2.7	6.4
VARBL													
CALM												8.1	
	9.2	19.0	31.0	29.9	2.1	.3		.3				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 900

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

AIR CLIMATOLOGY BRANCH
USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: WILL AFB AZ — STATION NAME: 74-61 — YEARS: NOV — MONTH

CLASS: ALL WEATHER — HOURS (L.S.T.): 00-23

CONDITION

SPEED (KNTS) DIR	1 - 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	.6								.8	6.6
NNE	.1	.4	.2									.6	5.0
NE	.1	.3	.2									.8	5.3
ENE	.1	.2	.6	.2								1.3	7.6
E	.3	2.3	3.3	2.1	.2	.2	.1					9.2	8.9
ESE	1.0	3.1	16.7	11.6	.7	.2	.1	.1				39.4	9.2
SE	.3	2.0	1.3	1.1	.1							5.3	7.5
SSE	.3	.2	1.2	.3								2.0	6.6
S	.3	1.2	5.4	1.1	.3							12.9	8.7
SSW	.3	1.6	1.2	.4								3.9	6.5
SW	.1	.6	.4									1.3	5.5
WSW	.1	.6	.2	.1								1.2	5.4
W	.1	.4		.3								1.1	6.1
WNW	.2	.2	.2									.7	5.0
NW		.3	.2									1.0	5.7
NNW	.1	1.4	1.6	1.1	.1							5.2	7.4
VARBL													
CALM												7.8	
	5.2	24.2	34.5	21.0	1.4	.4	.2	.1				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
AFETAC
ATR WEATHER SERVICE/MAC

SURFACE WINDS

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

725 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 12C0-14C0 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 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	1.9								6.8	6.6
NNE	.1	.4	.1									1.1	3.6
NE	1.1	.3	.1									1.6	3.1
ENE	.6	.1	.2									.9	4.4
E	1.1	1.2	1.6	.8	.3	.2	.1					5.7	8.3
ESE	.9	2.3	3.3	1.2		.1						8.8	6.6
SE	.2	.8	.7									2.1	4.9
SSE	.3	1.2	.3	.6								2.8	6.0
S	2.1	3.3	4.6	3.2	.6	.1						14.3	8.2
SSW	2.2	3.5	2.3	.3	.1							8.8	5.6
SW	2.1	1.7	.6	.3								4.6	4.6
WSW	.5	1.4	.7	.4								3.1	6.3
W	1.4	1.8	1.6	.6								5.3	5.9
WNW	1.1	1.2	.7	.1								3.1	4.8
NW	.3	1.7	1.2	.4		.2						4.4	7.0
NNW	1.5	3.3	2.1	1.9								8.4	6.6
VARBL													
CALM												16.7	
	20.3	28.8	20.9	11.1	1.0	.7	.1					100.0	5.4

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)

[illegible]755 (STATION) MILL AFB UT (STATION NAME) 74-83 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 15-C-17DC (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR	1 - 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	4.6	2.3	1.0								10.2	5.9
NNE	.8	.4	.3	.1								1.7	5.0
NE	.4	.1										.6	2.2
ENE	.4	.2	.2	.1	.1							1.1	6.4
E	.3	1.1	.7	.7	.2	.2						3.8	8.9
ESE	.9	1.6	1.0	.1								3.6	5.5
SE	.7	.9	.7									2.2	4.7
SSE	.7	1.4	1.0	.1								3.2	5.7
S	.7	2.7	3.3	2.4	.1							9.2	8.4
SSW	1.3	2.6	.8	.4								5.1	5.6
SW	1.9	1.1	.3									3.3	3.6
WSW	1.3	1.0	.8									3.1	4.5
W	2.1	2.7	.6	.3								5.7	4.5
WNW	2.1	2.3	.3	.2								5.0	4.2
NW	3.7	3.4	.8	.2								8.1	4.0
NNW	3.4	5.4	2.6	1.2	.2							12.9	5.9
VARBL													
CALM												21.2	
	23.4	31.6	15.9	7.0	.7	.2						100.0	4.5

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)

[illegible] HILL AFB UT — 74-83 — NOV
STATION — STATION NAME — YEARS — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.6	3.6	1.1	.3								9.6	4.4
NNE	1.3	.9		.1								2.3	3.5
NE	.6	.4		.1								1.1	3.9
ENE	.8	.2			.1							1.1	4.2
E	1.6	1.9	1.4	1.4	.3	.2						6.9	8.0
ESE	2.[illegible]	6.4	3.7	.8	.2							13.1	6.3
SE	1.[illegible]	1.1	.6	.1								3.6	4.0
SSE	1.6	2.2	.7	.1								4.2	4.2
S	2.[illegible]	3.4	3.2	2.2	.6							11.4	7.5
SSW	.2	1.2	.3	.2								2.0	5.9
SW	.4		.1									.6	3.8
WSW	.4	.4		.2								1.1	5.6
W	.3	.6	.2									1.1	4.5
WNW	.4	.4	.1	.2								1.2	5.6
NW	1.[illegible]	.7	1.1	.3								3.1	6.0
NNW	2.2	2.7	.6	.7	.1	.1						6.3	5.5
VARBL													
CALM												31.2	
	21.2	26.2	12.3	6.9	1.3	.3						100.0	4.0

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)

[illegible] (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0100-2300 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 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	1.3	.7								5.1	6.1
NNE	.5	.2	.1	.1								1.0	4.4
NE	.6	.1	.4									1.1	4.7
ENE	.1	.1										.2	3.5
E	1.0	1.6	2.8	1.0	.2	.4	.1					7.1	9.2
ESE	3.6	12.6	15.9	3.4	.2	.1						36.8	7.3
SE	2.5	3.6	1.6	.6								8.2	5.2
SSE	1.7	2.2	1.2	.6								5.3	6.0
S	1.1	2.6	2.9	2.6	.3							9.8	8.3
SSW	.4	1.0	.6	.1								2.1	6.1
SW	.1	.2	.1									.8	4.6
WSW	.1	.2		.2								.7	6.8
W	.1		.1									.3	3.7
WNW	.1	.4	.3	.1								1.1	6.8
NW	.5	.3	.2	.2								1.8	5.8
NNW	1.2	1.9	1.0	.1	.1							4.3	5.4
VARBL													
CALM												14.2	
	15.7	29.3	29.6	9.7	.9	.6	.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 300

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) HILL AFB UT (STATION NAME) 74-83 (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	2.4	1.7	.7								6.1	5.9
NNE	.7	.4	.1	.1								1.3	3.8
NE	.1	.2	.1	.0								.8	4.0
ENE	.7	.2	.2	.1	.0							.8	6.3
E	1.1	1.7	2.3	1.4	.3	.2	.0	.1				7.1	9.1
ESE	1.9	6.5	12.8	8.4	.7	.1	.0	.0				30.5	9.0
SE	1.1	1.9	1.3	.7	.0							5.4	6.2
SSE	1.1	1.5	1.1	.3								3.8	5.6
S	1.1	2.5	3.7	2.7	.2	.0						10.4	8.3
SSW	.8	1.6	1.0	.3	.0							3.8	6.0
SW	.7	.6	.1	.1								1.5	4.6
WSW	.4	.5	.2	.2								1.3	5.7
W	.7	.8	.4	.3								2.1	5.6
WNW	.6	.7	.2	.1								1.6	4.9
NW	1.0	1.2	.5	.2		.0	.0					2.9	5.2
NNW	1.6	2.3	1.2	.7	.1	.0						5.9	6.1
VARBL													
CALM												14.7	
	15.5	25.1	26.6	16.2	1.4	.4	.1	.1				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 7250

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)

72765 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 0000-0300 (HOUR (LST))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.0	1.2	.2								3.5	5.8
NNE	.5	.4	.1		.1							1.2	4.5
NE	.4	.1			.2							.8	7.0
ENE	.5	.6										1.2	3.6
E	.2	1.1	2.7	1.1	.2	.1						6.0	8.6
ESE	2.3	2.5	15.6	5.9	.4	.2						33.9	8.4
SE	1.2	3.8	1.2	.4								6.6	5.4
SSE	.5	2.2	1.0	.8	.1							4.5	6.8
S	1.1	4.1	5.2	3.5	.8	.1						14.7	8.9
SSW	.7	1.5	1.8	.5								4.7	6.8
SW	.4	.5	.3									1.0	5.3
WSW	.2	.5	.1	.1								1.0	5.7
W	.4	.3	.2	.1								1.1	6.0
WNW	.2	.4	.1	.2								1.1	6.1
NW	.5	.6	.4									1.6	4.7
NNW	1.1	.8	.4	.2								2.5	4.8
VARBL													
CALM												14.7	
	12.2	26.5	30.3	14.1	1.8	.4						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1300-0500 (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	1.3	.9	.2								3.7	5.3
NNE	.3	.2	.1	.1								.8	5.3
NE	.4	.3										.8	3.1
ENE	.1	.1			.1							.3	8.3
E	.5	1.8	2.4	1.2	.5	.3						6.9	9.3
ESE	1.8	4.8	14.8	14.2	.6	.3						36.7	9.7
SE	1.7	3.1	1.5	.3								6.7	5.4
SSE	.6	1.7	1.1	.2								3.7	6.1
S	1.4	5.6	3.7	2.2	.4	.1						13.3	7.7
SSW	.8	.7	1.3	.6								3.0	7.4
SW	.7	1.1	.5	.3								2.3	6.5
WSW	.7	.3	.1	.1	.1							1.0	7.0
W	.5	.2	.6	.3		.1						1.9	7.6
WNW	.4	.2	.2									.9	4.8
NW	.1	.2	.2									.5	6.0
NNW	.3	.4	.3									1.1	5.1
VARBL													
CALM												16.7	
	11.3	21.8	27.7	19.8	1.8	.9						100.0	6.8

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)

725755 (STATION) WILL AFB OT (STATION NAME) 74-83 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.4	1.2	.4								3.8	6.5
NNE	.6	.2				.1						1.0	4.8
NE	.2											.2	2.5
ENE	.2	.1	.1	.2								.6	8.3
E	.9	1.0	2.3	1.5	.5	.3						6.5	10.3
ESE	1.3	5.7	15.1	15.8	.8	.1						39.2	9.9
SE	1.6	1.0	1.5	.4		.1						6.7	5.6
SSE	1.3	1.3	1.6	.6								4.8	6.3
S	1.4	1.7	4.8	2.8	.3	.1						12.3	8.1
SSW	.5	1.3	1.7	.3								3.9	6.8
SW	.1	.4	.3									.9	5.8
WSW	.6	.6	.2									1.5	4.5
W	.4	.2	.1	.2	.2							1.2	9.0
WNW	.4	.3	.3									1.1	4.8
NW	.4	.6	.2	.1								1.4	4.9
NNW	.5	1.1	.6	.4								2.7	6.7
VARBL													
CALM												12.4	
	11.3	20.3	30.1	22.9	1.6	.8						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 936

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)

72755 (STATION) HILL AFB UT (STATION NAME) 74-83 (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	.6	1.2	.5	.1								3.1	5.3
NNE	.3	.3	.2									1.1	4.2
NE	.2	.1				.1						.4	8.3
ENE	.2	.1					.1	.1				.5	15.2
E	1.1	.3	2.2	1.7	.5	.5	.2					7.0	11.1
ESE	1.2	8.2	14.5	11.4	.9	.1						36.3	9.3
SE	1.4	2.8	1.7	1.2								7.1	6.8
SSE	.9	2.0	.6		.1							3.7	5.1
S	.6	3.2	5.9	4.7	.2							14.7	9.2
SSW	.0	2.0	1.0	.4								4.0	6.4
SW	.3	1.1	.4	.1								1.9	5.5
WSW	.2	.3	.1	.1								.8	6.1
W	.1	.3	.2	.4								1.1	8.5
WNW	.3	.4	.1									.9	4.4
NW	.5	1.0	.3	.2								2.0	5.5
NNW	1.0	1.2	.9	.9	.1							3.9	7.3
VARBL													
CALM												11.5	
	9.8	25.7	28.8	21.2	1.8	.8	.3	.1				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 830

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)

72755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 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	1.2									5.6	4.6
NNE	.5	.5	.1	.1								1.3	4.8
NE	.2	.1										1.0	2.0
ENE	.5		.1				.1	.2				1.0	13.4
E	1.3	2.4	1.3	.6	.1	.4						6.1	7.4
ESE	2.[illegible]	5.2	4.1	1.0								12.3	6.3
SE	1.2	2.[illegible]	.6	.2								4.1	4.9
SSE	.9	1.7	1.[illegible]	.4								3.9	6.4
S	1.4	4.3	5.2	4.4	.4							15.7	8.6
SSW	2.2	3.5	1.9	.4	.2							8.3	5.8
SW	.9	2.7	.8									4.3	5.0
WSW	.3	.9	.2									1.4	4.6
W	.9	.6	.9	.6	.1							3.0	7.3
WNW	.6	.3	.5	.2	.2							1.9	7.1
NW	1.1	1.2	.5	.1								2.9	4.9
NNW	2.0	3.1	1.3	.6	.3							7.4	6.1
VARBL													
CALM												19.9	
	19.2	30.2	19.7	8.8	1.4	.4	.1	.2				100.0	5.3

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)

22,755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) DEC (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	3.1	1.5	.8	.1							8.7	5.4
NNE	.6	.6	.3									1.6	4.9
NE	.3	.2	.1									.6	3.8
ENE	.2	.2					.3					.8	14.7
E	1.4	.9	.5	.3	.1	.3						3.5	7.2
ESE	1.6	2.3	2.5	.1	.2							6.7	6.0
SE	1.3	.8	.6									2.7	4.4
SSE	1.2	1.9	.5	.4								4.0	5.4
S	2.4	4.0	4.3	3.1	.9							14.6	8.0
SSW	2.7	2.0	.9	.3	.1							5.9	4.9
SW	1.6	1.0	.4									3.0	3.7
WSW	.9	1.5	.1	.1								2.5	4.3
W	2.4	1.3	.8									4.4	3.7
WNW	1.9	1.3	.4	.1								3.7	3.9
NW	1.7	1.9	1.1	.1								4.8	5.0
NNW	2.9	2.6	1.1	.6								7.1	5.0
VARBL													
CALM												25.4	
	26.0	25.5	15.1	6.0	1.4	.3	.3					100.0	4.3

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)

72755 (STATION) HILL AFB UT (STATION NAME) 74-81 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1300-2000 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	2.8	1.8	.6	.1	.3						7.6	6.5
NNE	1.4	1.2	.2	.1								2.7	3.8
NE	.5	.3			.1							1.0	4.6
ENE	.6	.1	.1				.2					1.1	8.8
E	1.3	1.5	1.7	.4	.5							5.6	6.8
ESE	1.5	5.7	3.5	1.2	.2							12.5	6.6
SE	1.4	3.7	.9									5.9	4.5
SSE	2.2	3.2	.9									6.0	4.5
S	1.8	5.3	4.2	3.1	.9	.2						15.5	8.3
SSW	.5	1.3	1.2	.3								3.4	6.4
SW	.4	.3	.4									1.2	5.5
WSW	.1	.5	.1	.1								.9	5.8
W	.2	.2	.1									.5	3.8
WNW	.3	.3	.1	.1	.1							1.3	7.6
NW	.4	.5	.1									1.1	4.4
NNW	1.5	1.7	1.2	.1								4.3	5.0
VARBL													
CALM												29.8	
	16.9	28.3	16.2	6.1	1.9	.5	.2					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 836

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)

[illegible] (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 21.0-23.00 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	2.0	1.1	.1		.1						4.9	5.2
NNE	1.0	.4										1.4	3.2
NE	.4	.4		.1								1.0	4.2
ENE	.2	.2	.1				.2					.9	13.5
E	.3	1.8	2.0	1.2	.1							6.0	7.4
ESE	4.1	8.0	11.5	3.1	.2							27.5	7.1
SE	2.5	2.7	1.2		.1							6.5	4.7
SSE	2.3	3.8	.2	.5								6.8	4.7
S	1.9	5.2	3.7	2.9	.9							14.4	7.8
SSW	.5	1.3	1.5	.6	.2							4.8	7.4
SW	.5	.9	.1	.2		.1						2.3	6.0
WSW	.1	.2	.1									.4	5.0
W	.2	.3	.1									.6	5.0
WNW		.2	.1									.4	5.5
NW	.3	.4	.4	.2								1.4	6.2
NNW	.9	1.6	1.1	.1								3.7	5.6
VARBL													
CALM												17.0	
	17.7	30.6	23.5	9.1	1.8	.2	.3					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AUG 84 0 8 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] STATION — HILL AFB UT STATION NAME — 74-83 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	[illegible]	1.8	1.2	.3	.0	.1						5.1	5.6
NNE	.7	.5	.1	.0	.0	.0						1.4	4.3
NE	.4	.2	.0	.0	.0	.0						.7	4.3
ENE	.3	.2	.1	.0	.0		.1	.0				.8	10.4
E	1.1	1.4	1.8	1.0	.3	.3	.0					6.0	8.7
ESE	2.[illegible]	6.1	10.3	6.7	.4	.1						25.6	8.6
SE	1.[illegible]	2.7	1.[illegible]	.3	.0	.0						5.8	5.3
SSE	1.2	2.2	.9	.4	.0							4.7	5.6
S	1.5	4.3	4.6	3.3	.6	.1						14.4	6.3
SSW	1.1	1.7	1.4	.5	.1							4.8	6.3
SW	.6	1.[illegible]	.4	.1		.0						2.1	5.3
WSW	.3	.6	.1	.1	.0							1.2	5.1
W	.[illegible]	.4	.4	.2	.0	.0						1.7	6.1
WNW	.5	.5	.2	.1	.0							1.4	5.3
NW	.6	.3	.4	.1								2.0	5.1
NNW	1.3	1.6	.8	.4	.1							4.1	5.7
VARBL													
CALM												18.4	
	15.6	26.1	23.9	13.5	1.7	.5	.2	.0				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 7446

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] HILL AFB UT — 74-84 — ALL
STATION — STATION NAME — YEARS — MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.4	1.4	.5	.1	.0	.0					6.1	5.9
NNE	.5	.6	.2	.0	.0	.0						1.5	4.0
NE	.5	.3	.1	.0	.0	.0						.9	4.0
ENE	.4	.3	.2	.1	.0	.0	.0	.0				1.0	6.2
E	1.2	1.6	2.0	1.8	.4	.1	.0	.0				7.2	9.0
ESE	1.4	5.3	11.9	9.9	.6	.0	.0	.0				29.3	9.4
SE	1.2	2.0	1.2	.4	.0	.0						4.9	5.9
SSE	.3	1.6	1.1	.4	.0	.0	.0					3.9	6.3
S	1.0	2.7	3.8	3.0	.7	.1	.0					11.4	9.2
SSW	.7	1.6	1.3	.6	.1	.0	.0					4.4	7.3
SW	.6	1.0	.6	.2	.0	.0						2.4	6.0
WSW	.5	.7	.4	.1	.0	.0						1.8	5.9
W	.8	1.2	.8	.3	.0	.0	.0					3.3	6.1
WNW	.5	.9	.5	.2	.0	.0						2.1	5.8
NW	.8	1.2	.7	.1	.0	.0	.0					2.8	5.5
NNW	1.2	2.0	1.2	.5	.1	.0	.0					5.0	6.2
VARBL			.0									.0	9.0
CALM												12.0	
	14.3	25.4	27.5	18.2	2.2	.4	.1	.0				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 87665

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)

[illegible] (STATION) HILL AFB UT (STATION NAME) 74-84 (YEARS) ALL (MONTH)

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

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

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

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	3.0	2.2	1.3	.2		.0					8.9	6.5
NNE	.9	.5	.1									1.6	3.8
NE	.5	.2	.1									.6	3.8
ENE	.1	.2		.0			.0	.0				.7	6.1
E	1.2	1.2	.7	.4	.4	.3	.0	.2				4.2	9.6
ESE	1.6	2.5	2.0	.7	.2	.0						7.1	6.6
SE	1.4	1.3	.4	.1								3.2	4.3
SSE	1.2	1.6	1.2	.4	.0		.0					4.5	6.0
S	1.6	3.3	4.2	2.5	.5	.0						12.2	8.1
SSW	1.1	1.5	1.2	.5	.1							4.3	6.4
SW	1.3	.9	.5	.2	.0	.0						3.0	5.5
WSW	.9	.9	.3	.4	.0							2.6	6.1
W	1.4	.9	.9	.6	.2	.0	.0					4.2	7.1
WNW	.9	.9	.4	.3	.1							2.5	5.8
NW	1.5	1.5	.8	.3		.0						4.2	5.3
NNW	2.0	2.6	1.8	.9	.2	.0						7.6	6.5
VARBL													
CALM												28.5	
	20.0	23.0	16.0	8.8	1.9	.4	.1	.2				100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 4239

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.

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. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the ≥10 mi visibility category should be used with great caution.

Continued on Reverse Side

EXAMPLE 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																
≥ 0																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

2

[illegible] CLIMATOLOGY BRANCH
[illegible] SERVICE/ETAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT [illegible] 75-84 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	[illegible]	26	[illegible]	[illegible]	[illegible]	22	22	2[illegible]	21[illegible]	21	2[illegible]	2[illegible]	2[illegible]	25/16	2[illegible]	20
[illegible]	[illegible]	32.2	33.7	34.3	34.7	35.[illegible]	35.4	35.7	35.8	35.8	35.9	35.9	35.9	35.[illegible]	36.2	36.2
[illegible]	[illegible]	[illegible]	35.8	36.5	36.9	37.[illegible]	37.6	38.0	38.1	38.1	38.2	38.2	38.2	38.2	38.5	38.5
[illegible]	[illegible]	34.2	36.1	36.8	37.2	37.6	38.[illegible]	38.3	38.4	38.4	38.5	38.5	38.5	38.5	38.8	39.0
[illegible]	[illegible]	34.2	36.1	36.8	37.2	37.6	38.[illegible]	38.3	38.4	38.4	38.5	38.5	38.5	38.5	38.8	39.0
[illegible]	[illegible]	35.[illegible]	37.2	37.8	38.3	38.7	39.[illegible]	39.4	39.5	39.5	39.6	39.6	39.6	39.6	39.9	40.1
[illegible]	[illegible]	36.5	38.4	39.0	39.5	39.5	40.2	40.5	40.6	40.6	40.8	40.8	40.8	40.8	41.1	41.3
[illegible]	[illegible]	38.0	40.1	40.8	41.2	41.6	41.9	42.3	42.4	42.4	42.5	42.5	42.5	42.5	42.8	43.0
[illegible]	[illegible]	39.4	41.7	42.5	42.[illegible]	42.8	43.1	43.4	43.5	43.5	43.7	43.7	43.7	43.7	44.0	44.2
[illegible]	[illegible]	41.3	43.4	44.2	44.8	45.3	45.6	45.9	46.0	46.0	46.1	46.1	46.1	46.1	46.5	46.7
[illegible]	[illegible]	42.7	45.6	46.3	47.0	47.4	47.8	48.2	48.3	48.3	48.4	48.4	48.4	48.4	49.7	48.9
[illegible]	[illegible]	47.6	50.3	51.2	51.8	52.4	52.8	53.1	53.2	53.2	53.3	53.3	53.3	53.3	53.7	53.9
[illegible]	[illegible]	51.[illegible]	55.4	55.5	57.4	58.0	58.6	58.9	59.[illegible]	59.[illegible]	59.1	59.1	59.1	59.1	59.5	59.7
[illegible]	45.[illegible]	5[illegible].3	59.0	60.1	61.1	61.6	62.3	62.6	62.7	62.7	62.8	62.8	62.8	62.8	63.1	63.3
[illegible]	[illegible]	57.[illegible]	61.4	6[illegible].7	63.7	64.2	64.8	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.9	66.1
[illegible]	4[illegible].7	[illegible]	63.7	65.1	66.0	66.6	67.7	67.8	68.0	68.0	68.1	68.1	68.1	68.1	69.4	68.6
[illegible]	4[illegible].2	62.3	67.1	68.9	7[illegible].4	71.[illegible]	71.9	72.5	72.6	72.6	72.7	72.7	72.7	72.7	73.0	73.2
[illegible]	[illegible].5	64.0	69.2	71.2	73.0	73.5	74.6	75.3	75.4	75.5	75.6	75.6	75.6	75.6	75.9	76.1
[illegible]	[illegible].6	64.5	70.2	72.2	74.3	74.8	76.3	77.6	77.8	78.1	78.2	78.2	78.2	78.4	78.7	78.9
[illegible]	[illegible].0	64.8	70.5	72.5	74.6	75.2	76.7	78.1	78.3	78.5	78.6	78.6	78.6	78.8	79.1	79.4
[illegible]	[illegible].3	65.2	71.4	73.3	75.8	76.3	78.4	80.0	80.2	80.5	80.9	81.[illegible]	81.0	81.2	81.5	81.7
[illegible]	[illegible].3	65.6	71.7	73.9	76.3	76.9	79.2	81.0	81.2	81.6	81.9	82.0	82.0	82.3	82.6	82.8
[illegible]	[illegible].4	65.9	72.8	75.3	78.1	78.7	81.6	83.5	83.9	85.2	85.5	85.6	85.7	85.9	86.3	86.6
[illegible]	[illegible].4	65.9	72.8	75.3	78.2	78.8	81.7	83.7	84.0	85.3	85.6	85.7	85.9	86.1	86.6	86.8
[illegible]	[illegible].4	65.9	72.8	75.3	78.3	78.9	81.9	83.9	84.5	85.9	86.2	86.3	86.7	86.9	87.3	87.5
[illegible]	[illegible].4	65.9	72.9	75.4	78.4	79.0	82.0	84.0	84.6	86.1	86.5	86.6	86.9	87.1	87.5	87.7
[illegible]	[illegible].4	65.9	73.0	75.5	78.6	79.2	82.5	84.4	85.1	86.7	87.0	87.1	87.4	87.6	88.1	88.3
[illegible]	51.4	65.9	73.4	75.9	79.4	80.0	83.2	85.4	86.0	88.4	88.9	89.0	89.5	89.7	9[illegible].1	90.3
[illegible]	[illegible].4	65.9	73.5	76.[illegible]	79.6	80.2	83.4	85.4	86.8	89.4	90.0	90.1	90.8	91.0	91.4	91.7
[illegible]	51.4	65.9	73.5	76.[illegible]	79.6	80.2	83.5	86.1	87.0	90.1	91.2	91.3	91.9	92.2	92.8	93.2
[illegible]	[illegible].4	65.9	73.5	76.0	79.6	80.2	83.5	86.1	87.1	90.4	91.7	91.8	92.5	93.0	93.9	95.9
[illegible]	51.4	65.9	73.5	76.0	79.6	80.2	83.5	86.1	87.1	90.4	91.7	91.8	92.9	93.1	94.0	98.4
[illegible]	51.4	65.9	73.5	76.0	79.6	80.2	83.5	86.1	87.1	90.4	91.7	91.8	92.9	93.1	94.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

2

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] SERVICE [illegible]

CEILING VERSUS VISIBILITY

[illegible] 5 [illegible] [illegible] 5-64 [illegible] [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

CEILING (FEET)	VISIBILITY STATUTE MILES															
	[illegible]	26	25	24	23	22	21	20	19	18	17	16	15	15 16	14	20
[illegible]	[illegible]	[illegible].4	34.1	34.5	34.7	34.6	35.1	35.4	35.5	35.5	35.6	35.6	35.6	35.8	35.8	36.1
[illegible]	[illegible].5	34.7	36.5	37.[illegible]	37.3	37.4	37.6	38.0	38.1	38.1	38.2	38.2	38.2	38.4	38.5	38.8
[illegible]	[illegible].0	34.[illegible]	36.6	37.1	37.4	37.5	37.7	38.1	38.2	38.2	38.3	38.3	38.3	38.5	38.6	38.9
[illegible]	[illegible].0	34.6	36.6	37.1	37.4	37.5	37.7	38.1	38.2	38.2	38.3	38.3	38.3	38.5	38.6	38.9
[illegible]	[illegible].8	35.7	37.4	38.0	38.3	38.4	38.6	38.9	39.0	39.[illegible]	39.1	39.1	39.1	39.4	39.5	39.8
[illegible]	[illegible]	36.8	38.5	39.0	39.4	39.5	39.7	40.0	40.1	40.1	40.2	40.2	40.2	40.4	40.5	40.9
[illegible]	[illegible].7	[illegible].5	4[illegible].2	4[illegible].8	41.1	41.2	41.4	41.7	41.8	41.8	41.9	41.9	41.9	42.2	42.3	42.6
[illegible]	[illegible].5	[illegible]	41.7	42.3	42.6	42.7	42.9	43.2	43.3	43.3	43.4	43.4	43.4	43.7	43.8	44.1
[illegible]	[illegible].1	41.8	43.8	44.3	44.6	44.7	44.9	45.3	45.4	45.4	45.5	45.5	45.5	45.7	45.8	46.1
[illegible]	[illegible]	[illegible]	44.9	45.5	45.8	45.9	46.1	46.5	46.6	46.6	46.7	46.7	46.7	46.9	47.0	47.3
[illegible]	[illegible].9	46.6	49.0	49.6	49.9	50.1	50.3	50.6	50.8	50.8	50.9	50.9	50.9	51.1	51.2	51.5
[illegible]	[illegible].7	52.9	56.6	57.2	57.8	58.1	58.3	58.6	58.7	58.8	58.9	58.9	58.9	59.1	59.2	59.6
[illegible]	[illegible]	55.2	59.1	59.8	6[illegible].6	60.9	61.1	61.6	61.7	61.8	61.9	61.9	61.9	62.2	62.3	62.6
[illegible]	[illegible].4	57.2	61.4	62.[illegible]	63.1	63.3	63.5	64.1	64.2	64.3	64.4	64.4	64.4	64.6	64.7	65.1
[illegible]	[illegible].7	58.9	63.5	64.3	65.9	65.7	66.0	66.6	66.7	66.8	66.9	66.9	66.9	67.1	67.2	67.5
[illegible]	[illegible].9	61.9	67.1	67.8	69.2	69.5	69.8	70.4	70.6	70.8	70.9	70.9	70.9	71.1	71.2	71.5
[illegible]	[illegible]	63.7	69.9	70.3	71.7	71.9	72.4	73.3	73.5	73.8	73.9	73.9	73.9	74.1	74.2	74.5
[illegible]	[illegible].2	64.9	70.9	72.0	74.5	75.1	75.7	76.8	77.0	77.2	77.3	77.3	77.3	77.5	77.6	78.0
[illegible]	[illegible].2	64.9	7[illegible].9	72.0	74.5	75.1	75.7	76.8	77.0	77.2	77.3	77.3	77.3	77.5	77.6	78.0
[illegible]	[illegible].4	65.4	71.7	73.1	75.6	76.1	76.8	78.1	78.3	78.6	78.9	78.9	78.9	79.1	79.2	79.6
[illegible]	[illegible].4	65.7	72.4	74.0	76.6	77.1	77.7	79.1	79.4	79.7	80.0	80.0	80.0	80.2	80.3	80.6
[illegible]	[illegible].5	66.0	73.0	74.7	77.4	78.[illegible]	78.9	80.4	80.6	81.5	81.9	81.9	81.9	82.2	82.4	82.7
[illegible]	[illegible]	66.0	73.0	74.7	77.5	78.1	79.0	80.5	80.8	81.6	82.3	82.3	82.3	82.5	82.7	83.1
[illegible]	[illegible].5	66.0	73.0	74.7	77.7	78.5	79.7	81.4	81.6	82.8	83.9	83.9	83.9	84.1	84.3	84.7
[illegible]	[illegible].5	66.[illegible]	77.1	74.8	77.8	78.6	79.8	81.5	61.7	82.9	84.0	84.1	84.1	84.3	84.5	84.9
[illegible]	[illegible].5	66.[illegible]	73.4	75.2	76.2	79.[illegible]	80.2	82.0	82.3	83.8	85.3	85.4	85.4	85.6	85.8	86.2
[illegible]	[illegible].7	66.[illegible]	73.8	75.5	78.7	79.6	81.9	82.8	83.3	85.5	87.1	87.2	87.2	87.4	87.6	88.1
[illegible]	[illegible].5	66.0	73.9	75.7	79.1	80.[illegible]	81.4	83.8	84.5	87.8	89.6	89.7	89.7	90.0	90.2	90.8
[illegible]	[illegible].5	66.0	73.9	75.7	79.2	80.1	81.5	83.9	84.7	88.6	90.6	90.8	90.9	91.2	91.5	92.0
[illegible]	[illegible].5	66.0	73.9	75.7	79.2	80.1	81.5	83.9	84.7	89.8	91.9	92.[illegible]	92.8	93.1	93.9	95.8
[illegible]	[illegible].5	66.[illegible]	73.9	75.7	79.2	80.1	81.5	83.9	84.7	89.4	91.9	92.0	92.9	93.3	94.4	98.3
[illegible]	[illegible].5	66.[illegible]	73.9	75.7	79.2	80.1	81.5	83.9	84.7	89.4	92.0	92.2	93.0	93.8	94.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

1
2

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB, UT (STATION NAME) 15-84 (YEARS) [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-[illegible]

CEILING FEET	VISIBILITY STATUTE MILES															
	27	26	25	24	23	22	22	21	21	21	21	21	21	21	21	20
[illegible]	[illegible]	34.[illegible]	35.9	36.5	36.7	36.9	37.4	37.6	37.7	37.8	38.2	38.2	38.3	38.3	38.6	39.1
20000	40.4	35.5	37.5	38.1	38.4	38.6	39.1	39.6	39.7	39.8	40.1	40.1	40.2	40.2	40.5	41.1
18000	40.6	35.8	38.1	38.6	38.9	39.1	39.7	40.1	40.2	40.3	40.8	40.8	40.9	40.9	41.2	41.7
16000	41.0	36.1	38.4	38.9	39.2	39.5	40.0	40.4	40.5	40.6	41.1	41.1	41.2	41.2	41.5	42.0
14000	42.2	37.4	39.7	40.2	40.5	40.8	41.3	41.7	41.8	41.9	42.4	42.4	42.5	42.5	42.8	43.3
12000	43.5	39.1	41.4	41.9	42.3	42.5	43.0	43.4	43.5	43.7	44.1	44.1	44.2	44.2	44.5	45.1
10000	34.[illegible]	41.9	44.2	44.7	45.1	45.3	45.8	46.2	46.3	46.5	46.9	46.9	47.0	47.0	47.3	47.8
9000	37.0	43.[illegible]	45.3	45.8	46.1	46.3	46.9	47.3	47.4	47.5	48.[illegible]	48.0	48.1	48.1	48.4	48.9
8000	37.4	45.8	48.2	48.7	49.[illegible]	49.2	49.8	50.2	50.3	50.4	50.9	50.9	51.0	51.0	51.3	51.8
7000	41.3	48.0	50.3	50.9	51.2	51.4	52.2	52.6	52.8	52.9	53.3	53.3	53.4	53.4	53.8	54.3
6000	47.[illegible]	50.3	52.7	53.2	53.7	53.9	54.6	55.1	55.3	55.4	55.8	55.8	55.9	55.9	56.2	56.8
5000	47.1	55.2	58.3	58.9	59.5	59.7	60.4	61.0	61.2	61.3	61.7	61.8	61.9	61.9	62.3	62.8
4500	49.3	57.2	6[illegible].4	61.2	61.7	61.9	62.8	63.3	63.5	63.7	64.1	64.2	64.4	64.4	64.7	65.3
4000	49.6	59.1	62.6	63.4	64.0	64.2	65.1	65.6	65.8	65.9	66.3	66.5	66.7	66.7	67.0	67.5
3500	50.7	60.5	64.1	64.9	65.5	65.7	66.6	67.2	67.4	67.5	68.[illegible]	68.1	68.3	68.3	68.6	69.1
3000	[illegible].2	62.5	66.5	67.5	68.2	68.6	69.6	70.3	70.5	70.6	71.1	71.2	71.4	71.4	71.7	72.3
2500	52.2	64.3	68.7	70.0	71.1	71.5	72.6	73.5	73.8	73.9	74.3	74.4	74.6	74.6	74.9	75.5
2000	52.3	64.5	69.7	7[illegible].2	72.7	73.1	74.5	75.8	76.0	76.3	76.8	76.9	77.1	77.1	77.4	78.0
1800	52.3	65.2	7[illegible].0	71.5	73.0	73.4	74.8	76.1	76.3	76.7	77.1	77.3	77.5	77.5	77.8	78.4
1600	52.3	65.8	7[illegible].9	72.6	74.3	74.7	76.2	78.1	78.3	78.7	79.2	79.6	79.8	79.8	80.1	80.6
1400	52.5	66.1	71.3	73.1	75.1	75.5	77.2	79.1	79.4	79.9	80.4	80.8	81.0	81.0	81.3	81.8
1200	52.6	66.3	71.8	74.1	76.2	76.8	78.9	81.3	81.6	82.3	83.1	83.4	83.8	83.8	84.2	84.7
1000	52.6	66.3	71.8	74.1	76.2	76.8	79.0	81.4	81.7	82.4	83.2	83.5	83.9	84.0	84.4	85.1
800	52.6	66.7	71.9	74.2	7[illegible].5	77.[illegible]	79.5	82.2	82.6	83.5	84.5	84.8	85.3	85.4	85.8	86.5
700	52.6	66.3	72.2	74.4	76.8	77.3	79.8	82.6	83.0	84.1	85.2	85.5	86.1	86.2	86.7	87.3
600	52.5	66.5	72.3	74.5	76.9	77.4	8[illegible].2	83.2	83.8	84.9	86.2	86.6	87.2	87.3	87.7	88.4
500	52.6	66.5	72.6	74.9	77.3	77.8	8[illegible].8	83.8	84.4	86.[illegible]	87.5	87.8	88.7	88.8	89.2	90.0
400	52.5	66.5	72.6	74.9	77.7	78.3	81.3	84.3	85.7	88.[illegible]	89.6	89.9	91.1	91.2	91.8	92.7
300	52.6	66.5	72.6	74.9	78.0	78.5	81.6	84.8	86.2	88.9	9[illegible].8	91.1	92.8	93.2	94.0	95.1
200	52.6	66.5	72.6	74.9	78.0	78.5	81.6	84.9	86.3	89.0	90.9	91.3	93.1	93.7	95.3	96.8
100	52.6	66.5	72.6	74.9	78.[illegible]	78.5	81.6	84.9	86.3	89.1	91.0	91.4	93.3	93.9	95.8	98.4
0	52.6	66.5	72.6	74.9	78.0	78.5	81.6	84.9	86.3	89.1	91.0	91.4	93.8	94.0	95.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

2

[illegible] CLIMATOLOGY BRANCH
[illegible] ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB, UT — 75-84 — JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-1100

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
UNLIMITED	26.2	30.2	31.4	32.3	33.2	33.3	33.7	34.2	34.5	34.8	35.0	35.3	35.5	35.5	35.6	35.8
≥20000	27.8	31.9	33.1	34.3	35.5	35.6	36.0	36.6	37.0	37.3	37.6	37.7	38.0	38.0	38.1	38.4
≥18000	29.6	32.7	34.1	35.1	36.2	36.5	37.0	37.5	38.0	38.3	38.6	38.7	38.9	38.9	39.0	39.4
≥16000	29.5	33.5	34.9	35.9	37.1	37.3	37.8	38.4	38.8	39.1	39.5	39.6	39.8	39.8	39.9	40.2
≥14000	31.0	36.[illegible]	37.5	38.5	39.7	39.9	40.4	41.0	41.4	41.7	42.0	42.2	42.4	42.4	42.5	42.8
≥12000	33.5	1.[illegible]	39.5	4[illegible].4	41.6	41.8	42.4	42.9	43.3	43.0	43.3	43.4	43.6	43.6	43.7	45.1
≥10000	37.[illegible]	41.9	43.8	44.7	45.9	46.1	46.7	47.2	47.6	48.3	48.6	48.7	48.9	48.9	49.1	49.5
≥9000	38.4	43.4	45.3	46.2	47.4	47.6	48.2	48.7	49.1	49.8	50.1	50.2	50.4	50.4	50.6	51.0
≥8000	41.4	46.7	48.5	49.5	50.6	50.9	51.4	51.9	52.4	53.0	53.3	53.4	53.8	53.8	54.0	54.3
≥7000	43.6	49.5	51.3	52.5	53.7	53.9	54.5	55.1	55.5	56.1	56.6	56.7	57.1	57.1	57.3	57.6
≥6000	45.5	51.2	53.3	54.5	55.7	56.1	56.8	57.3	57.7	58.4	58.8	58.9	59.5	59.5	59.7	61.0
≥5000	46.8	55.3	57.5	58.8	6[illegible].0	60.4	61.2	61.7	62.2	62.8	63.3	63.4	64.1	64.1	64.3	64.6
≥4500	49.7	57.1	59.7	61.2	62.4	62.8	63.5	64.2	64.6	65.4	65.9	66.0	66.7	66.7	66.9	67.2
≥4000	51.6	59.8	62.6	64.1	65.4	65.8	66.7	67.5	68.0	68.7	69.4	69.5	70.1	70.1	70.3	70.8
≥3500	52.7	61.0	64.1	65.6	66.9	67.3	68.2	69.[illegible]	69.5	70.3	71.1	71.2	71.8	71.8	72.0	72.5
≥3000	53.5	62.9	66.6	68.2	70.0	70.4	71.4	72.5	72.9	74.0	74.7	74.8	75.7	75.7	75.9	76.3
≥2500	54.5	63.9	67.7	69.7	71.8	72.3	73.4	74.5	74.9	76.1	76.9	77.1	78.0	78.0	78.2	78.7
≥2000	54.6	64.1	68.2	7[illegible].8	72.9	73.3	75.4	76.7	77.1	78.5	79.2	79.5	80.6	80.6	80.9	81.4
≥1800	54.7	64.3	68.4	71.2	73.3	73.8	75.8	77.1	77.5	78.9	79.7	79.9	81.1	81.1	81.3	81.8
≥1500	54.7	64.4	68.6	71.4	73.5	74.0	76.3	78.1	78.5	80.2	81.0	81.2	82.4	82.4	82.6	83.1
≥1200	54.7	64.4	68.6	71.4	73.7	74.2	77.0	78.7	79.1	81.0	81.7	81.9	83.3	83.3	83.5	84.1
≥1000	54.7	64.4	68.8	71.6	74.1	74.6	77.8	79.9	80.3	82.6	83.3	83.5	84.9	84.9	85.2	85.8
≥900	54.7	64.4	68.9	71.7	74.3	74.8	78.2	80.2	80.6	82.9	83.7	83.9	85.3	85.3	85.5	86.1
≥800	54.7	64.4	69.0	71.9	74.5	75.1	78.7	80.8	81.3	83.8	84.6	84.8	86.5	86.5	86.8	87.4
≥700	54.7	64.4	69.0	72.0	74.7	75.3	79.0	81.1	81.6	84.4	85.5	85.7	87.3	87.3	87.6	88.4
≥600	54.7	64.4	69.[illegible]	72.2	75.2	75.8	79.6	81.8	82.4	85.3	86.7	86.9	88.5	88.5	88.8	89.6
≥500	54.7	64.4	69.1	72.3	75.4	76.1	80.2	82.5	83.0	86.6	88.1	88.3	90.1	90.1	90.5	91.3
≥400	54.7	64.4	69.1	72.3	75.4	76.1	80.3	82.7	83.5	87.8	89.8	90.0	92.0	92.2	92.7	93.4
≥300	54.7	64.4	69.1	72.3	75.4	76.1	80.3	82.9	83.8	88.4	90.6	90.9	93.2	93.4	94.3	95.2
≥200	54.7	64.4	69.1	72.3	75.4	76.1	80.3	82.9	83.8	88.5	91.0	91.4	94.0	94.2	95.6	96.9
≥100	54.7	64.4	69.1	72.3	75.4	76.1	80.3	82.9	83.8	88.5	91.0	91.4	94.0	94.2	95.7	98.4
≥0	54.7	64.4	69.1	72.3	75.4	76.1	80.3	82.9	83.8	88.5	91.0	91.4	94.0	94.2	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

2

. CAL CLIMATOLOGY BRANCH
. ETAC
. WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB [illegible] (STATION NAME) 75-84 (YEARS) [illegible] (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES 210	26	25	24	23	22	22	21	214	21	214	216	21	25 16	2	20
NO CEILING	22.4	26.0	27.8	29.	31.1	30.5	31.2	32.4	32.7	33.2	33.4	33.4	33.4	33.4	33.4	33.4
20000	25.5	27.4	31.3	32.5	33.9	34.3	34.9	36.1	36.5	37.1	37.3	37.3	37.3	37.3	37.3	37.3
18000	27.0	30.0	31.9	33.1	34.5	34.9	35.6	36.8	37.1	37.7	38.0	38.0	38.0	38.0	38.0	38.0
16000	27.1	31.1	33.0	34.2	35.6	36.0	36.7	37.8	38.2	38.8	39.0	39.0	39.0	39.0	39.0	39.0
14000	27.7	33.2	35.4	36.6	38.0	38.4	39.1	40.4	40.8	41.4	41.6	41.6	41.6	41.6	41.6	41.6
12000	31.2	35.5	38.1	39.4	40.9	41.3	42.2	43.5	43.9	44.5	44.7	44.7	44.7	44.7	44.7	44.7
11000	34.7	39.	41.3	42.7	44.2	44.6	45.6	47.0	47.4	48.1	48.3	48.3	48.3	48.3	48.3	48.3
10000	36.5	41.0	43.3	44.7	46.2	46.7	47.6	49.1	49.6	50.2	50.4	50.4	50.4	50.4	50.4	50.4
9000	39.1	44.3	46.8	48.3	49.9	50.4	51.4	52.9	53.3	54.0	54.2	54.2	54.2	54.2	54.2	54.2
8000	41.7	47.4	49.9	51.4	53.2	53.6	55.2	56.8	57.2	58.0	58.2	58.2	58.2	58.2	58.2	58.2
7000	47.4	49.5	52.	53.5	55.5	56.1	58.0	59.6	60.0	60.8	61.2	61.2	61.3	61.3	61.3	61.3
6000	49.6	51.4	56.3	58.2	60.8	61.1	63.0	64.7	65.2	66.1	66.6	66.6	66.7	66.7	66.7	66.7
5000	49.6	55.5	59.5	61.4	67.8	63.4	65.6	67.4	67.8	68.8	69.2	69.2	69.4	69.4	69.4	69.4
4500	50.4	58.4	61.2	63.1	65.5	66.1	68.4	70.3	70.8	71.8	72.3	72.3	72.4	72.4	72.4	72.4
4000	57.6	58.9	62.4	64.6	67.3	68.0	70.5	72.7	73.1	74.2	74.6	74.6	74.7	74.7	74.7	74.7
3500	51.5	60.1	63.8	66.1	69.2	70.0	72.7	75.1	75.5	76.6	77.0	77.0	77.1	77.1	77.1	77.1
3000	57.6	5 .5	64.6	67.2	71.0	71.9	74.6	77.1	77.5	78.6	79.1	79.1	79.2	79.2	79.2	79.2
2500	51.7	61.1	65.8	68.7	72.7	73.9	76.9	79.5	79.9	81.1	81.9	81.9	82.0	82.0	82.2	82.2
2000	5 .7	61.1	65.6	68.9	72.9	74.1	77.1	79.7	8 .1	81.3	82.2	82.2	82.4	82.4	82.5	82.5
1800	51.8	61.3	65.9	69.2	73.3	74.5	77.5	80.4	81.0	82.3	83.3	83.3	83.7	83.7	83.8	83.8
1500	51.9	61.3	66.0	69.4	73.5	74.9	78.1	81.	81.5	82.9	84.2	84.2	84.5	84.5	84.6	84.6
1200	51.9	61.3	66.0	69.5	74.3	75.6	78.8	82.3	82.8	84.6	85.9	86.1	86.5	86.5	86.6	86.6
1000	51.9	61.3	66.0	69.5	74.1	75.6	79.1	82.7	83.3	85.3	86.6	86.8	87.1	87.1	87.2	87.2
900	51.8	61.3	66.	69.8	74.8	76.	80.1	83.8	84.8	86.8	88.1	88.3	88.7	88.7	88.8	88.8
800	51.8	61.3	66.0	69.8	74.6	76.2	81.5	84.7	85.8	88.4	89.9	90.1	90.5	90.5	90.6	90.6
700	51.8	61.3	66.	69.8	74.6	76.2	80.8	85.1	86.2	89.2	90.9	91.1	91.6	91.6	91.8	91.8
600	51.8	61.3	66.0	69.8	74.8	76.5	81.0	85.4	86.6	90.0	91.9	92.4	93.5	93.7	93.9	93.9
500	51.8	61.3	66.0	69.8	74.8	76.5	81.1	85.5	86.8	90.9	93.0	93.7	94.9	95.2	95.8	95.4
400	51.8	61.3	66.0	69.8	74.8	76.5	81.1	85.5	86.8	91.2	93.3	94.1	95.6	95.9	96.5	96.6
300	51.8	61.3	66.0	69.8	74.8	76.5	81.1	85.5	86.8	91.3	93.8	94.3	96.0	96.5	97.8	98.1
200	51.8	61.3	66.0	69.8	74.8	76.5	81.1	85.5	86.8	91.3	93.8	94.3	96.1	96.6	97.6	99.7
100	51.8	61.3	66.0	69.8	74.8	76.5	81.1	85.5	86.8	91.3	93.8	94.3	96.1	96.6	97.6	100.0
0	51.8	61.3	66.0	69.8	74.8	76.5	81.1	85.5	86.8	91.3	93.8	94.3	96.1	96.6	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

2

[illegible] CLIMATOLOGY BRANCH
ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] MILL AFB LT — STATION NAME — 75-84 — YEARS — MAR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

500-1700 — HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	22.4	26.3	28.7	30.6	32.0	32.4	32.8	33.8	33.9	34.2	34.5	34.5	34.5	34.5	34.5	34.5
≥20000	24.2	28.7	30.6	32.6	34.2	34.5	34.9	36.2	36.3	36.7	37.0	37.0	37.0	37.1	37.1	37.1
≥15000	25.7	29.8	31.7	33.7	35.3	35.6	36.0	37.3	37.4	37.7	38.1	38.1	38.1	38.2	38.2	38.2
≥10000	25.9	30.5	32.6	34.5	36.1	36.5	36.9	38.2	38.3	38.6	38.9	38.9	38.9	39.0	39.0	39.0
≥7000	27.7	31.4	33.4	35.6	37.2	37.5	38.0	39.2	39.4	39.7	40.0	40.0	40.0	40.1	40.2	40.3
≥5000	30.2	34.3	36.5	38.7	40.4	40.6	41.3	42.6	42.9	43.2	43.5	43.5	43.5	43.7	43.8	43.9
≥4000	37.8	38.3	40.5	43.0	44.8	45.2	45.8	47.1	47.4	47.8	48.2	48.2	48.2	48.3	48.4	48.5
≥3000	34.9	39.7	42.2	44.6	46.7	47.0	47.6	49.0	49.4	49.8	50.1	50.1	50.1	50.2	50.3	50.4
≥2500	39.0	40.8	45.6	48.1	50.2	50.5	51.2	52.6	52.9	53.3	53.9	53.9	53.9	54.0	54.1	54.2
≥2000	39.9	44.8	47.7	50.2	52.5	52.8	53.4	54.8	55.2	55.6	56.2	56.2	56.2	56.3	56.5	56.6
≥1500	42.6	49.5	51.4	54.0	56.2	56.6	57.6	59.0	59.4	60.0	60.6	60.6	60.6	60.8	60.9	61.0
≥1000	43.3	54.6	57.6	60.5	63.1	63.6	64.8	66.3	66.7	67.6	68.3	68.3	68.3	68.4	68.5	68.6
≥800	50.4	57.8	60.9	63.8	66.6	67.2	68.6	70.1	70.4	71.4	72.0	72.0	72.0	72.2	72.3	72.4
≥600	52.2	59.8	62.9	65.8	68.6	69.2	71.0	72.5	72.8	73.9	74.5	74.5	74.7	74.8	74.9	75.1
≥500	53.0	60.8	64.2	67.3	70.3	71.0	72.8	74.4	74.7	75.8	76.5	76.5	76.7	76.8	76.9	77.0
≥400	53.7	62.2	65.7	69.1	72.4	73.0	75.3	77.0	77.3	78.4	79.0	79.0	79.2	79.4	79.5	79.6
≥300	54.1	63.5	67.3	70.9	74.2	74.8	77.2	79.0	79.4	80.4	81.1	81.1	81.3	81.4	81.5	81.6
≥200	54.2	63.5	67.4	71.0	74.6	75.3	77.7	79.7	80.0	81.2	81.8	81.8	82.0	82.2	82.3	82.4
≥100	54.3	63.5	67.4	71.0	74.7	75.4	77.8	79.8	80.1	81.3	81.9	81.9	82.2	82.3	82.4	82.5
≥50	54.3	63.8	67.7	71.5	75.4	76.0	78.9	80.9	81.3	82.5	83.1	83.1	83.4	83.5	83.7	83.8
≥0	54.3	64.2	68.2	71.9	76.2	77.0	80.3	82.4	82.9	84.2	85.1	85.1	85.4	85.5	85.6	85.7
	54.4	64.3	68.3	72.2	76.6	77.4	81.5	83.8	84.3	86.1	87.1	87.1	87.4	87.5	87.6	87.7
	54.4	64.3	68.3	72.3	76.7	77.5	81.7	84.1	84.6	86.6	87.6	87.6	88.0	88.1	88.2	88.3
	54.4	64.3	68.4	72.5	76.9	77.7	82.3	84.9	85.5	87.7	88.8	88.8	89.4	89.5	89.6	89.7
	54.4	64.3	68.4	72.5	77.0	77.8	82.7	86.1	86.8	89.9	91.1	91.1	91.6	91.7	91.9	92.0
	54.4	64.3	68.4	72.5	77.0	77.8	82.7	86.3	87.1	90.5	91.8	91.9	92.5	92.6	92.9	93.0
	54.4	64.3	68.4	72.5	77.0	77.8	82.8	86.8	87.6	91.2	92.9	93.2	93.9	94.0	94.3	94.4
	54.4	64.3	68.4	72.5	77.0	77.8	82.9	86.9	87.7	91.6	93.8	93.8	94.5	94.6	95.1	95.2
	54.4	64.3	68.4	72.5	77.0	77.8	82.9	86.9	87.7	91.8	93.9	94.3	95.3	95.4	96.1	96.3
	54.4	64.3	68.4	72.5	77.0	77.8	82.9	86.9	87.7	91.8	93.9	94.3	95.3	95.7	97.1	98.2
	54.4	64.3	68.4	72.5	77.0	77.8	82.9	86.9	87.7	91.8	93.9	94.3	95.3	95.7	97.2	99.8
	54.4	64.3	68.4	72.5	77.0	77.8	82.9	86.9	87.7	91.8	93.9	94.3	95.3	95.7	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

1
2

L GAL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

S HILL AFB UT — 75-84 — AN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES 2 1/2	2	1 3/4	1 1/2	1 1/4	1	7/8	3/4	5/8	1/2	3/8	1/4	1/8	0
UNLIM	24.[illegible]	2[illegible].3	30.5	32.6	33.8	34.6	35.5	36.3	36.5	36.8	36.8	36.8	36.9	36.9	37.1	37.2
≥ 20000	24.[illegible]	29.4	31.8	34.1	3[illegible].3	36.1	37.1	38.0	38.1	38.4	38.5	38.5	38.6	38.6	38.8	38.9
≥ 18000	25.8	[illegible].9	32.4	34.6	35.8	36.7	37.6	38.5	38.6	38.9	39.0	39.0	39.1	39.1	39.4	39.5
≥ 16000	25.8	[illegible].5	37.[illegible]	35.3	36.5	37.3	38.3	39.1	39.2	39.6	39.7	39.7	39.8	39.8	40.0	40.1
≥ 14000	26.5	31.2	33.8	36.1	37.6	38.5	39.5	40.3	40.4	40.8	40.9	40.9	41.0	41.0	41.2	41.3
≥ 12000	27.5	32.9	35.7	38.2	39.9	40.8	41.7	42.6	42.7	43.0	43.2	43.2	43.3	43.3	43.5	43.7
≥ 10000	31.[illegible]	36.8	39.7	42.2	43.9	44.7	45.7	46.6	46.7	47.0	47.2	47.2	47.3	47.3	47.5	47.6
≥ 9000	31.[illegible]	37.6	4[illegible].5	43.[illegible]	44.7	45.6	46.6	47.4	47.5	47.8	48.1	48.1	48.2	48.2	48.4	48.5
≥ 8000	34.3	41.1	44.2	46.9	48.6	49.6	5[illegible].5	51.4	51.5	52.0	52.5	52.5	52.6	52.6	52.8	52.9
≥ 7000	36.7	43.9	47.1	49.8	51.6	52.7	53.7	54.5	54.6	55.2	55.6	55.6	55.7	55.7	55.9	56.0
≥ 6000	39.9	4[illegible].1	50.3	53.0	55.1	56.1	57.1	58.1	58.2	58.7	59.1	59.1	59.2	59.2	59.5	59.6
≥ 5000	45.3	51.4	57.0	59.8	62.0	63.2	64.3	65.4	65.5	66.2	66.7	66.7	66.8	66.8	67.0	67.1
≥ 4500	47.2	55.9	60.1	62.9	65.2	66.3	67.5	68.6	68.8	69.6	70.0	70.0	70.1	70.1	70.3	70.4
≥ 4000	48.4	57.8	62.5	65.6	68.0	69.1	70.3	71.4	71.7	72.5	72.9	72.9	73.0	73.0	73.2	73.3
≥ 3500	49.6	59.1	64.1	67.3	69.8	71.[illegible]	72.3	73.3	73.8	74.5	74.9	74.9	75.1	75.1	75.3	75.4
≥ 3000	50.4	61.[illegible]	66.1	69.7	72.3	73.4	74.8	75.9	76.3	77.2	77.6	77.6	77.8	77.8	78.1	78.3
≥ 2500	51.0	62.6	68.1	71.8	74.4	75.6	77.0	78.1	78.5	79.4	79.8	79.8	8[illegible].0	80.0	80.2	80.4
≥ 2000	51.2	63.1	68.9	72.7	75.8	76.6	78.0	79.2	79.7	80.5	81.0	81.0	81.2	81.2	81.4	81.6
≥ 1800	51.2	63.1	68.9	72.7	75.4	76.6	78.1	79.4	79.8	80.6	81.1	81.1	81.3	81.3	81.5	81.7
≥ 1500	51.3	63.5	69.5	73.2	76.0	77.2	78.7	80.1	80.6	81.7	82.3	82.3	82.5	82.5	82.7	82.9
≥ 1200	51.3	63.8	69.9	73.7	76.9	78.1	79.6	81.1	81.6	82.8	83.3	83.3	83.7	83.7	83.9	84.1
≥ 1000	51.3	64.2	7[illegible].8	74.8	78.3	79.6	81.4	83.0	83.5	85.3	85.8	85.8	86.1	86.1	86.3	86.6
≥ 900	51.3	64.2	7[illegible].8	74.8	78.3	79.6	81.4	83.0	83.5	85.3	85.8	85.8	86.1	86.1	86.3	86.6
≥ 800	51.3	64.2	71.1	75.2	78.8	80.1	82.2	84.[illegible]	84.5	86.6	87.2	87.2	87.5	87.5	87.7	88.0
≥ 700	51.3	64.2	71.1	75.2	78.9	80.2	82.4	84.4	84.9	87.0	87.6	87.6	88.0	88.0	88.2	88.4
≥ 600	51.3	64.2	7[illegible].1	75.2	79.1	80.4	82.6	84.6	85.3	87.5	88.2	88.2	88.7	88.7	88.9	89.1
≥ 500	51.3	64.2	71.1	75.3	79.5	80.8	82.9	85.1	86.1	88.7	89.6	89.7	90.4	90.4	90.6	90.9
≥ 400	51.3	64.2	71.1	75.3	79.5	80.8	82.9	85.5	87.0	90.6	91.5	91.7	92.7	92.7	93.0	93.2
≥ 300	51.3	64.2	71.1	75.3	79.5	80.8	82.9	85.5	87.0	91.0	92.5	92.3	93.8	93.9	94.4	94.9
≥ 200	51.3	64.2	71.1	75.3	79.5	80.8	82.9	85.5	87.0	91.4	92.7	92.9	94.5	94.6	95.2	97.2
≥ 100	51.3	64.2	71.1	75.3	79.5	80.8	82.9	85.5	87.0	91.4	92.7	92.9	94.5	94.7	95.3	98.6
≥ 0	51.3	64.2	71.1	75.3	79.5	80.8	82.9	85.5	87.0	91.4	92.7	92.9	94.5	94.7	95.3	100.0

TOTAL NUMBER OF OBSERVATIONS 931

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

2

...AL CLIMATOLOGY BRANCH
...TAC
...EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...5 HILL AFB ... STATION NAME — 75-84 YEARS — ...AN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	2[illegible].0	2[illegible].7	31.9	33.5	34.4	34.6	35.5	35.6	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9
20000	24.3	3[illegible].5	33.3	34.5	35.8	36.[illegible]	36.9	37.0	37.2	37.4	37.4	37.4	37.4	37.4	37.5	37.5
15000	2[illegible].4	31.1	33.5	35.2	36.[illegible]	36.2	37.1	37.2	37.4	37.6	37.6	37.6	37.6	37.6	37.7	37.7
10000	2[illegible].4	31.4	33.9	35.5	36.3	36.6	37.8	37.5	37.7	38.[illegible]	38.0	38.0	38.0	38.0	38.1	38.1
7000	[illegible].7	32.5	35.3	36.9	37.7	38.0	38.8	38.9	39.1	39.4	39.4	39.4	39.4	39.4	39.5	39.5
5000	[illegible].2	33.4	36.3	38.1	38.9	39.2	40.2	40.3	40.5	40.9	40.9	40.9	40.9	40.9	41.0	41.0
4000	2[illegible].4	36.1	39.5	41.2	42.0	42.4	43.3	43.4	43.7	44.0	44.0	44.0	44.0	44.0	44.1	44.1
3000	2[illegible].4	3[illegible].2	[illegible]	42.5	43.3	43.7	44.6	44.7	44.9	45.3	45.3	45.3	45.3	45.3	45.4	45.4
2500	[illegible]	39.[illegible]	42.6	44.5	45.5	45.8	46.8	46.9	47.1	47.4	47.4	47.4	47.4	47.4	47.5	47.5
2000	3[illegible].2	41.1	44.6	46.6	47.6	48.[illegible]	48.9	49.0	49.2	49.6	49.6	49.6	49.6	49.6	49.7	49.7
1500	3[illegible].7	45.8	49.7	51.6	52.7	53.[illegible]	54.0	54.1	54.3	54.6	54.6	54.6	54.6	54.6	54.7	54.7
1000	[illegible]2.0	51.7	56.3	58.6	59.9	60.2	61.4	61.5	61.7	62.[illegible]	62.0	62.[illegible]	62.0	62.0	62.2	62.3
800	[illegible]4.5	54.4	59.6	61.8	63.2	63.5	64.7	64.8	65.1	65.5	65.5	65.5	65.5	65.5	65.6	65.7
600	45.[illegible]	56.2	62.0	64.7	66.3	66.7	68.[illegible]	68.3	68.5	69.[illegible]	69.0	69.0	69.0	69.0	69.1	69.2
500	4[illegible].7	58.0	64.1	67.1	68.9	69.2	70.6	71.0	71.2	71.7	71.7	71.7	71.7	71.7	71.8	71.9
400	4[illegible].6	6[illegible].2	66.7	70.0	72.0	72.4	73.9	74.2	74.4	74.9	74.9	74.9	74.9	74.9	75.1	75.2
300	48.5	62.3	69.2	72.9	75.1	75.4	77.0	77.3	77.5	78.1	78.1	78.1	78.1	78.1	78.2	78.3
200	48.6	62.8	7[illegible].5	74.4	76.7	77.1	78.7	79.2	79.5	80.1	80.1	80.1	80.1	80.1	80.2	80.3
100	48.7	62.9	7[illegible].8	74.6	76.9	77.3	78.9	79.5	79.7	80.3	80.3	80.3	80.3	80.3	80.4	80.5
0	48.8	63.3	71.4	75.1	78.0	78.4	80.5	81.4	81.6	82.3	82.5	82.5	82.5	82.5	82.6	82.7
2500	48.[illegible]	63.3	71.6	75.9	78.3	78.7	81.0	81.9	82.2	82.8	83.0	83.0	83.0	83.0	83.1	83.2
2000	48.9	63.7	72.5	76.8	79.5	80.1	82.6	84.0	84.2	85.1	85.4	85.4	85.4	85.4	85.5	85.6
1500	49.[illegible]	63.8	72.6	77.0	79.7	80.3	82.8	84.2	84.4	85.3	85.6	85.6	85.6	85.6	85.7	85.8
1000	49.[illegible]	63.8	73.[illegible]	77.4	8[illegible].2	80.9	83.3	84.9	85.3	86.2	86.6	86.6	86.7	86.7	86.8	86.9
900	49.0	63.8	73.3	77.7	8[illegible].6	81.3	83.8	85.8	86.1	87.1	87.6	87.6	87.8	87.8	88.0	88.1
800	49.0	63.8	73.4	77.8	8[illegible].8	81.5	84.1	86.2	86.7	87.7	88.4	88.4	88.6	88.6	88.7	88.8
700	49.0	63.8	73.4	77.8	81.1	81.8	84.5	86.9	87.3	88.9	89.9	89.9	90.3	90.3	90.4	90.6
600	49.[illegible]	63.8	73.4	77.8	81.1	81.8	84.7	87.2	87.7	90.5	91.7	91.7	92.3	92.3	92.4	92.6
500	49.[illegible]	63.8	73.4	77.8	81.1	81.8	84.7	87.2	87.7	91.2	92.6	92.8	93.5	93.7	93.9	94.2
400	49.[illegible]	63.8	73.4	77.8	81.1	81.8	84.7	87.2	87.7	91.2	92.6	92.8	93.7	93.8	94.4	96.0
300	49.0	63.8	73.4	77.8	81.1	81.8	84.7	87.2	87.7	91.2	92.7	92.9	93.9	94.0	94.6	98.3
200	49.0	63.8	73.4	77.8	81.1	81.8	84.7	87.2	87.7	91.2	92.7	92.9	93.9	94.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

2

AIR CLIMATOLOGY BRANCH
USAF
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT [illegible] 15-24 [illegible] ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] ALL

VISIBILITY STATUTE MILES

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	31.0	32.5	33.7	34.0	34.0	35.1	35.3	35.5	35.7	35.7	35.8	35.8	[illegible]	36.[illegible]
[illegible]	31.0	33.8	35.0	[illegible]	36.2	36.8	37.4	37.6	37.8	38.0	38.1	38.1	38.1	[illegible]	38.5
[illegible]	[illegible]	34.3	35.5	36.4	36.8	37.[illegible]	38.0	38.2	38.4	38.6	38.6	38.7	38.7	[illegible]	39.[illegible]
[illegible]	32.8	34.8	36.[illegible]	36.9	37.3	37.8	38.5	38.7	38.9	39.1	39.1	39.2	39.2	[illegible]	39.6
[illegible]	34.1	36.2	37.5	38.4	38.8	39.3	40.0	40.2	40.4	40.6	40.6	40.7	40.7	40.9	41.1
[illegible]	35.[illegible]	38.0	39.3	40.3	41.[illegible]	41.3	42.[illegible]	42.2	42.5	42.7	42.7	42.8	42.8	[illegible]	43.2
[illegible]	[illegible]	41.2	42.5	43.5	43.9	44.5	45.2	45.4	45.7	45.9	46.[illegible]	46.[illegible]	46.0	46.2	46.4
[illegible]	[illegible]	[illegible]	43.9	44.9	45.3	45.9	46.6	46.9	47.2	47.4	47.4	47.4	47.5	47.7	47.9
[illegible]	[illegible]	45.4	46.8	47.9	48.3	49.0	49.6	49.9	50.2	50.5	50.5	50.6	50.6	[illegible]	51.0
[illegible]	45.1	47.7	49.1	[illegible]	[illegible]	51.5	52.2	52.4	52.6	53.1	53.1	53.2	53.2	53.4	53.6
[illegible]	[illegible]	51.1	52.6	53.8	54.3	55.1	55.9	56.1	56.5	56.8	56.8	56.9	57.0	57.1	57.3
[illegible]	[illegible]	56.9	58.6	[illegible]	60.6	61.5	62.3	62.5	63.[illegible]	63.3	63.4	63.5	63.5	63.7	63.9
[illegible]	56.1	59.7	61.4	62.9	63.5	64.5	65.3	65.6	66.1	66.4	66.5	66.6	66.6	66.8	67.[illegible]
[illegible]	[illegible]	62.1	63.[illegible]	65.6	66.1	67.2	68.1	68.4	69.0	69.3	69.3	69.5	69.5	69.7	69.9
[illegible]	[illegible]	63.8	65.8	67.5	68.1	69.3	70.3	70.5	71.1	71.5	71.5	71.7	71.7	71.9	72.1
[illegible]	[illegible]	66.2	68.4	[illegible]	71.[illegible]	72.4	73.5	73.8	74.4	74.7	74.8	75.0	75.0	75.2	75.4
[illegible]	[illegible]	69.[illegible]	70.5	72.8	73.4	74.9	76.[illegible]	76.3	77.[illegible]	77.3	77.4	77.6	77.6	77.8	78.1
[illegible]	[illegible]	68.9	71.6	74.2	74.9	76.7	78.1	78.4	79.1	79.5	79.6	79.8	79.9	80.1	80.3
[illegible]	3.7	69.1	71.8	74.4	75.1	76.9	78.3	78.6	79.4	79.8	79.8	8[illegible].1	80.1	8[illegible].3	80.6
[illegible]	[illegible]	69.6	72.5	75.2	75.9	77.9	79.6	80.0	80.9	81.4	81.5	81.8	81.8	82.[illegible]	82.3
[illegible]	[illegible]	[illegible]	72.9	75.8	76.5	78.8	80.5	80.9	81.9	82.5	82.5	82.9	82.9	83.1	83.4
[illegible]	[illegible]	[illegible]	73.6	76.6	77.6	80.[illegible]	82.3	82.7	84.1	84.8	84.9	85.2	85.3	85.5	85.8
[illegible]	[illegible]	[illegible]	73.7	76.9	77.7	8[illegible].4	82.5	82.9	84.3	85.0	85.1	85.5	85.6	85.8	86.1
[illegible]	[illegible]	70.7	73.9	77.2	78.[illegible]	81.0	83.2	83.7	85.4	86.2	86.3	86.8	86.9	87.1	87.4
[illegible]	[illegible]	70.8	74.0	77.4	78.2	81.3	83.8	84.3	86.2	87.2	87.3	87.8	87.9	88.1	88.4
[illegible]	[illegible]	70.8	74.1	77.5	78.4	81.6	84.2	84.8	87.0	88.1	88.2	88.7	88.8	89.1	89.4
[illegible]	[illegible]	71.0	74.2	77.9	78.8	82.0	84.8	85.6	88.2	89.5	89.7	9[illegible].5	90.6	90.8	91.2
[illegible]	[illegible]	71.[illegible]	74.3	78.0	78.9	8[illegible].3	85.2	86.2	89.6	91.1	91.3	92.2	92.4	92.7	93.1
[illegible]	[illegible]	71.[illegible]	74.3	78.1	79.[illegible]	82.3	85.3	86.4	90.1	91.9	92.2	93.4	93.6	94.2	94.7
[illegible]	[illegible]	71.[illegible]	74.3	78.1	79.[illegible]	82.3	85.4	86.4	90.4	92.3	92.6	94.0	94.3	95.3	96.9
[illegible]	[illegible]	71.0	74.3	79.1	79.[illegible]	82.3	85.4	86.4	90.4	92.3	92.6	94.1	94.4	95.6	98.7
[illegible]	[illegible]	71.0	74.3	79.1	79.0	82.3	85.4	86.4	90.4	92.3	92.6	94.1	94.5	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

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

2

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB [illegible] 15-84 [illegible] EEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-[illegible]

CEILING (FEET)	VISIBILITY STATUTE MILES															
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2 5/16	[illegible]	20
[illegible]	[illegible]	47.8	49.2	49.4	[illegible]	49.6	49.9	49.9	49.9	50.2	50.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	52.4	52.5	52.8	52.6	53.1	53.1	53.1	53.4	53.9	53.9	53.9	53.9	53.9	54.1
[illegible]	[illegible]	51.5	52.9	53.[illegible]	53.2	53.2	53.6	53.6	53.6	53.8	54.4	54.4	54.4	54.4	54.4	54.5
[illegible]	[illegible]	51.5	52.9	53.[illegible]	53.2	53.2	53.6	53.6	53.6	53.8	54.4	54.4	54.4	54.4	54.4	54.5
[illegible]	[illegible]	2.1	53.5	53.6	53.8	53.8	54.2	54.2	54.2	54.4	55.[illegible]	55.0	55.0	55.0	55.0	55.1
[illegible]	[illegible]	[illegible]	55.4	55.5	55.7	55.7	56.1	56.1	56.1	56.3	56.9	56.9	56.9	56.9	56.9	57.0
[illegible]	[illegible]	57.0	59.5	59.8	59.0	59.0	59.6	59.7	59.7	60.0	60.5	60.5	60.5	60.5	60.5	60.7
[illegible]	[illegible]	58.2	55.7	61.[illegible]	61.2	60.2	60.8	60.9	60.9	61.1	61.7	61.7	61.7	61.7	61.7	61.8
[illegible]	[illegible]	[illegible]	62.2	62.4	62.7	62.7	63.3	63.6	63.7	64.0	64.5	64.5	64.5	64.5	64.5	64.7
[illegible]	[illegible]	62.5	64.4	64.7	64.9	64.9	65.5	65.8	66.[illegible]	66.2	66.8	66.8	66.8	66.8	66.8	66.9
[illegible]	[illegible]	[illegible]	66.3	66.5	66.9	66.9	67.5	67.8	68.[illegible]	68.2	68.9	68.9	68.9	68.9	68.9	69.0
[illegible]	68.1	70.9	71.1	71.5	71.5	71.5	72.1	72.7	72.8	73.1	73.9	73.9	73.9	73.9	73.9	74.[illegible]
[illegible]	70.8	73.7	74.0	74.3	74.3	74.3	75.1	75.7	75.9	76.2	76.9	76.9	77.[illegible]	77.0	77.0	77.1
[illegible]	74.2	77.1	77.5	78.0	78.[illegible]	78.[illegible]	79.8	79.4	79.5	79.9	80.7	80.7	80.8	80.8	8[illegible].8	80.9
[illegible]	76.[illegible]	79.3	79.5	8[illegible].7	80.2	81.0	81.6	81.7	82.1	82.9	82.9	83.0	83.0	83.0	83.0	83.2
[illegible]	73.1	82.[illegible]	82.2	82.7	82.9	83.9	84.5	84.6	84.9	85.7	85.7	85.9	85.9	85.9	85.9	86.0
[illegible]	79.6	87.6	83.[illegible]	83.6	83.9	84.8	85.5	85.7	86.1	86.9	86.9	87.0	87.0	8[illegible]	[illegible]	87.2
[illegible]	79.5	84.0	84.6	85.2	85.5	86.5	87.2	87.4	87.9	88.8	88.8	88.9	88.9	88.[illegible]	[illegible]	89.0
[illegible]	79.5	84.0	84.6	85.3	85.6	86.6	87.3	87.5	88.0	88.9	88.9	89.0	89.0	89.0	89.0	89.2
[illegible]	[illegible]	84.8	85.6	86.3	86.8	87.9	89.2	89.5	90.1	91.2	91.2	91.3	91.3	91.3	91.3	91.4
[illegible]	[illegible]	85.5	86.3	87.[illegible]	87.5	88.6	90.0	90.3	91.0	92.2	92.2	92.3	92.3	92.3	92.3	92.5
[illegible]	[illegible]	86.2	87.[illegible]	87.8	88.2	89.3	90.7	91.0	91.9	93.2	93.3	93.5	93.6	93.6	93.6	93.8
[illegible]	[illegible]	86.2	87.[illegible]	87.8	88.2	89.3	90.7	91.0	91.9	93.2	93.3	93.5	93.6	93.6	93.6	93.8
[illegible]	80.7	86.2	87.[illegible]	87.9	88.3	89.4	90.9	91.3	92.2	93.6	93.8	94.0	94.1	94.1	94.1	94.2
[illegible]	80.7	86.2	87.0	87.9	88.3	89.4	90.9	91.3	92.2	93.6	93.8	94.0	94.1	94.1	94.1	94.2
[illegible]	80.7	86.3	87.2	88.0	88.5	89.5	91.0	91.6	92.8	94.3	94.5	94.7	94.8	94.8	94.8	94.9
[illegible]	80.7	86.5	87.3	88.1	88.6	89.6	91.4	92.0	93.3	95.3	95.4	95.6	95.9	95.9	95.9	96.0
[illegible]	80.7	86.6	87.4	88.2	88.7	90.1	92.0	92.6	94.1	96.5	96.6	96.8	97.2	97.2	97.2	97.4
[illegible]	[illegible]	86.6	87.4	88.2	88.7	90.1	92.0	92.6	94.2	96.6	96.7	97.2	97.6	97.6	97.6	98.0
[illegible]	[illegible]	86.6	87.4	88.2	88.7	90.1	92.0	92.6	94.3	96.7	96.8	97.4	97.9	98.0	98.0	98.8
[illegible]	[illegible]	86.6	87.4	88.2	88.7	90.1	92.0	92.6	94.3	96.7	96.8	97.4	97.9	98.0	98.0	99.6
[illegible]	[illegible]	86.6	87.4	88.2	88.7	90.1	92.0	92.6	94.3	96.7	96.8	97.4	97.9	98.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 849

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

2

AL CLIMATOLOGY BRANCH
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

5 HILL AFB UT — 15-84 — FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
12000	41.1	42.5	46.9	47.0	47.0	47.0	47.5	47.5	47.5	47.5	47.7	47.7	47.8	47.8	47.8	48.1
	42.7	44.1	49.5	49.7	49.7	49.7	50.2	50.2	50.2	50.2	50.4	50.4	50.5	50.5	50.5	50.8
10000	44.2	47.7	50.1	50.3	50.3	50.3	50.8	50.8	50.8	50.8	51.0	51.0	51.1	51.1	51.1	51.4
9000	48.5	50.1	50.4	50.6	50.6	50.6	51.1	51.1	51.1	51.1	51.4	51.4	51.5	51.5	51.5	51.7
8000	48.[illegible]	[illegible].4	50.4	51.0	51.0	51.0	51.5	51.5	51.5	51.5	51.7	51.7	51.8	51.8	51.8	52.1
7000	51.1	51.9	52.7	52.9	52.9	52.9	53.4	53.7	53.7	53.7	53.9	53.9	54.1	54.1	54.1	54.3
6000	54.0	54.4	55.4	55.6	55.6	55.6	56.1	56.5	56.5	56.5	56.8	56.8	56.9	56.9	56.9	57.1
5000	56.1	56.2	57.1	57.4	57.4	57.4	57.8	58.3	58.3	58.3	58.5	58.5	58.7	58.7	58.7	58.9
4800	59.[illegible]	58.5	59.6	59.8	60.0	60.0	60.4	61.0	61.0	61.1	61.4	61.4	61.5	61.5	61.5	61.7
4700	59.1	60.0	61.0	61.2	61.4	61.4	61.8	62.4	62.4	62.5	62.8	62.8	62.9	62.9	62.9	63.1
4600	59.4	61.4	63.7	64.1	64.2	64.2	64.7	65.3	65.3	65.4	65.6	65.6	65.7	65.7	65.7	66.0
4500	61.4	68.7	71.2	70.6	70.8	70.8	71.3	72.1	72.1	72.2	72.4	72.4	72.6	72.6	72.6	72.8
4400	64.5	72.3	74.3	74.7	74.9	74.9	75.4	76.2	76.2	76.3	76.6	76.6	76.7	76.7	76.7	76.9
4300	66.5	75.1	77.7	78.1	78.4	78.4	78.9	79.7	79.7	79.9	80.1	80.1	80.2	80.2	80.2	80.4
4200	67.1	76.[illegible]	79.7	79.[illegible]	79.7	79.7	81.2	81.0	81.0	81.2	81.4	81.4	81.5	81.5	81.5	81.7
4100	68.[illegible]	78.[illegible]	81.[illegible]	81.5	82.4	82.4	82.9	83.7	83.7	83.9	84.1	84.1	84.5	84.5	84.5	84.7
4000	69.8	79.0	82.2	82.8	84.0	84.1	84.6	85.4	85.4	85.5	85.7	85.7	86.1	86.1	86.1	86.3
3900	69.[illegible]	79.1	83.0	83.9	85.2	85.3	85.9	86.7	86.7	86.8	87.0	87.0	87.4	87.4	87.4	87.6
3800	69.[illegible]	79.7	83.0	83.9	85.2	85.3	86.0	86.8	86.8	86.9	87.2	87.2	87.5	87.5	87.5	87.8
3700	69.[illegible]	80.2	83.7	84.7	86.1	86.2	87.3	88.2	88.2	88.5	89.0	89.0	89.4	89.4	89.4	89.6
3600	69.5	80.8	84.3	85.3	86.7	86.9	88.0	88.9	88.9	89.2	90.[illegible]	90.0	90.3	90.3	90.3	90.6
3500	69.5	8[illegible].9	85.3	86.2	87.6	87.9	88.9	90.0	90.0	90.3	91.4	91.4	91.8	91.8	91.9	92.1
3400	69.5	8[illegible].9	85.3	86.2	87.6	87.9	88.9	90.0	90.0	90.3	91.4	91.4	91.8	91.8	91.9	92.1
3300	69.5	8[illegible].9	85.4	86.3	87.8	88.[illegible]	89.3	90.6	90.6	90.9	92.0	92.0	92.3	92.3	92.5	92.7
3200	69.5	81.[illegible]	85.5	86.5	87.9	88.1	89.4	90.7	90.7	91.0	92.3	92.3	92.7	92.7	92.8	93.1
3100	69.5	81.[illegible]	85.5	86.5	88.0	88.2	89.6	90.9	90.9	91.4	92.7	92.7	93.1	93.1	93.2	93.4
3000	69.5	81.0	85.5	86.5	88.0	88.2	89.9	91.5	91.6	92.5	94.7	94.7	95.2	95.2	95.3	95.6
2900	69.5	81.0	85.6	86.6	88.3	88.6	91.2	92.0	92.2	93.1	95.4	95.5	96.1	96.1	96.2	96.6
2800	69.5	81.0	85.6	86.6	88.3	88.6	90.2	92.[illegible]	92.2	93.2	95.9	96.1	96.9	96.9	97.1	97.5
2700	69.5	81.0	85.6	86.6	88.3	88.6	90.3	92.1	92.3	93.4	96.1	96.3	97.3	97.3	97.5	98.1
2600	69.5	81.0	85.6	86.6	88.3	88.6	90.3	92.1	92.3	93.4	96.1	96.3	97.3	97.3	97.5	99.3
2500	69.5	81.[illegible]	85.6	86.6	88.3	88.6	90.3	92.1	92.3	93.4	96.1	96.3	97.3	97.3	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 849

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

2

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] SERVICE/[illegible]

CEILING VERSUS VISIBILITY

[illegible]S HALL AFB [illegible] (STATION NAME) 75-84 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-C8CC

CEILING (FEET)	VISIBILITY STATUTE MILES															
	2 0	2 0	2 1	2 4	2 3	2 2	2 2	2 1	2 1 +	2 1	2 +	2 +	2	≥5/16	2 +	2 0
[illegible]	[illegible]	43.9	44.1	44.1	44.3	44.3	44.5	44.6	44.0	45.0	45.3	45.3	45.3	45.3	45.3	45.8
[illegible]	43.3	47.2	47.5	47.5	47.8	47.8	48.1	48.2	48.2	48.5	49.0	49.0	49.0	49.0	49.0	49.6
[illegible]	43.[illegible]	47.8	47.9	47.9	48.3	48.3	48.5	48.6	48.6	49.0	49.5	49.5	49.5	49.5	49.5	50.1
[illegible]	43.0	47.9	48.1	48.1	48.4	48.4	48.6	48.8	48.8	49.1	49.6	49.6	49.6	49.6	49.6	50.2
[illegible]	44.[illegible]	48.9	49.[illegible]	49.0	49.4	49.4	49.6	49.7	49.7	50.1	50.5	50.5	50.5	50.5	50.5	51.1
[illegible]	45.6	[illegible].6	[illegible].9	50.9	51.2	51.2	51.5	51.9	51.9	52.3	52.8	52.8	52.8	52.8	52.8	53.4
[illegible]	50.3	54.8	55.0	55.[illegible]	55.4	55.4	55.6	56.2	56.2	56.5	57.1	57.1	57.1	57.1	57.1	57.7
[illegible]	51.5	56.2	56.4	56.4	56.8	56.8	57.0	57.6	57.6	58.[illegible]	58.5	58.5	58.5	58.5	58.5	59.1
[illegible]	54.3	59.4	59.7	59.8	60.2	60.2	60.5	61.2	61.2	61.6	62.2	62.2	62.2	62.2	62.2	62.8
[illegible]	56.4	[illegible]1.7	62.1	62.3	62.7	62.7	63.0	63.7	63.7	64.1	64.7	64.7	64.7	64.7	64.7	65.3
[illegible]	59.[illegible]	[illegible]5.6	66.1	66.3	66.7	66.7	67.0	67.7	67.7	68.1	68.7	68.7	68.7	68.7	68.7	69.3
[illegible]	64.5	[illegible].9	72.0	72.2	72.7	72.7	73.1	74.0	74.0	74.3	74.9	74.9	74.9	74.9	74.9	75.5
[illegible]	67.6	74.4	75.6	75.9	76.3	76.3	76.8	77.6	77.6	78.0	78.6	78.6	78.6	78.6	78.6	79.2
[illegible]	68.3	76.7	77.9	78.1	78.6	78.6	79.[illegible]	79.9	79.9	80.2	80.8	80.8	80.8	80.8	80.8	81.4
[illegible]	69.8	77.5	79.7	79.[illegible]	79.7	79.7	80.2	81.0	81.0	81.4	82.0	82.0	82.0	82.0	82.0	82.6
[illegible]	70.3	78.6	8[illegible].3	81.[illegible]	82.1	82.1	82.6	83.4	83.4	83.9	84.5	84.5	84.5	84.5	84.5	85.0
[illegible]	[illegible].6	80.4	82.8	83.9	85.3	85.3	85.7	86.6	86.6	87.0	87.6	87.6	87.6	87.6	87.6	88.2
[illegible]	72.3	[illegible].9	84.5	85.6	87.2	87.2	87.9	88.7	88.7	89.3	89.9	89.9	89.9	89.9	89.9	90.5
[illegible]	72.4	82.0	84.6	85.7	87.3	87.3	88.0	88.8	88.8	89.4	90.0	90.0	90.0	90.0	90.0	90.6
[illegible]	72.4	82.1	85.2	86.3	87.9	88.0	88.8	89.6	89.8	90.5	91.0	91.0	91.0	91.0	91.0	91.6
[illegible]	72.4	82.3	85.4	86.6	88.2	88.3	89.2	90.0	90.1	90.8	91.5	91.5	91.5	91.5	91.5	92.1
[illegible]	72.4	82.4	85.6	86.8	88.5	88.6	89.4	90.2	90.3	91.2	92.1	92.1	92.3	92.3	92.3	92.9
[illegible]	72.4	82.4	85.6	86.8	88.5	88.6	89.4	90.2	90.3	91.2	92.1	92.1	92.3	92.3	92.3	92.9
[illegible]	72.4	82.4	85.7	87.[illegible]	88.7	88.8	89.6	90.6	90.7	91.5	92.5	92.5	92.7	92.7	92.8	93.4
[illegible]	72.4	82.4	85.7	87.0	88.8	88.9	89.8	90.8	90.9	92.0	93.2	93.2	93.4	93.4	93.5	94.1
[illegible]	72.4	82.4	85.7	87.0	88.8	88.9	89.8	90.9	91.0	92.3	93.8	93.8	94.0	94.0	94.1	94.7
[illegible]	72.4	82.4	85.7	87.0	88.9	89.[illegible]	90.0	91.3	91.4	92.8	94.5	94.5	94.9	94.9	95.2	95.8
[illegible]	72.4	82.4	85.7	87.0	88.9	89.[illegible]	90.0	91.3	91.4	93.2	95.2	95.2	95.8	95.8	96.0	96.6
300	72.4	82.4	85.7	87.0	88.9	89.0	90.0	91.3	91.4	93.2	95.2	95.2	95.8	95.8	96.3	97.3
200	72.4	82.4	85.7	87.0	88.9	89.0	90.0	91.3	91.4	93.2	95.4	95.5	96.2	96.3	96.9	98.1
100	72.4	82.4	85.9	87.2	89.0	89.2	90.1	91.4	91.5	93.3	95.5	95.6	96.6	96.7	97.4	99.5
0	72.4	82.4	85.9	87.2	89.0	89.2	90.1	91.4	91.5	93.3	95.5	95.6	96.6	96.7	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 849

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

2

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

CARDER HILL AFB UT (STATION NAME) 75-84 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2300 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES: 20	26	25	24	23	22	27	21	21	21	2	2	2	25/16	2	20
E LINGS	39.5	4 .3	41.1	41.5	41.6	41.7	41.8	42.0	42.0	42.8	43.1	43.3	43.7	43.7	43.8	44.4
2 20000	43.8	45.6	46.4	46.8	46.9	47.0	47.2	47.5	47.5	48.2	48.6	48.9	49.2	49.2	49.4	50.
2 18000	45.3	47.1	47.9	48.4	48.5	48.6	48.9	49.1	49.1	49.8	50.3	50.5	50.9	50.9	51.0	51.7
2 16000	45.6	47.7	48.2	48.6	48.8	48.9	49.1	49.8	49.4	50.1	50.5	50.8	51.1	51.1	51.2	51.9
2 14000	47.	48.8	49.6	50.1	50.2	50.3	50.5	50.9	50.9	51.9	52.4	52.7	53.0	53.0	53.2	53.9
2 12000	50.3	52.1	52.9	53.4	53.5	53.6	53.8	54.2	54.2	55.2	55.7	55.9	56.3	56.3	56.5	57.2
2 11000	5 .2	55.2	56.1	56.5	56.7	56.8	57.0	57.4	57.4	58.5	59.1	59.4	59.7	59.7	60.0	60.7
2 9000	54.4	56.4	57.2	57.7	57.8	58.	58.2	58.5	58.5	59.7	60.3	60.5	60.9	60.9	61.1	61.8
2 8000	59.2	60.3	61.1	61.6	61.7	61.8	62.1	62.7	62.7	64.	64.5	64.8	65.1	65.1	65.4	66.1
2 7000	60.5	61.7	62.7	63.3	63.4	63.5	63.7	64.3	64.3	65.6	66.2	66.4	66.8	66.8	67.0	67.7
2 6000	63.0	63.8	64.9	65.5	65.6	65.7	66.0	66.5	66.5	67.8	68.4	68.7	69.0	69.0	69.3	70.0
2 5000	65.8	68.8	7 .2	70.9	71.1	71.3	71.5	72.1	72.1	73.4	74.1	74.3	74.7	74.7	74.9	75.6
2 4500	69.8	73.1	74.8	75.5	75.7	75.9	76.1	76.7	76.7	78.0	78.7	78.9	79.3	79.3	79.5	80.2
2 4000	73.	76.9	78.9	79.6	8 .1	80.2	80.4	81.0	81.0	82.3	83.0	83.3	83.6	83.6	83.9	84.6
2 3500	74.	78.2	8 .3	81.0	81.7	81.9	82.1	82.7	82.7	84.1	84.8	85.0	85.4	85.4	85.6	86.3
2 3000	75.7	8 .4	82.6	83.3	84.5	84.6	85.0	85.9	85.9	87.4	88.1	88.3	88.7	88.7	88.9	89.6
2 2500	76.2	81.0	83.4	84.1	85.4	85.5	86.1	86.9	86.9	88.7	89.4	89.6	90.0	90.0	90.2	90.9
2 2000	76.2	81.3	84.1	85.0	86.8	86.9	87.8	88.7	88.8	90.8	91.5	91.8	92.1	92.1	92.3	93.1
2 1800	76.3	81.3	84.1	85.0	86.8	86.9	87.8	88.7	88.8	90.9	91.6	91.9	92.2	92.2	92.5	93.2
2 1500	76.3	81.4	84.3	85.3	87.3	87.4	88.3	89.4	89.5	91.9	92.6	92.9	93.3	93.3	93.5	94.2
2 1200	76.3	81.4	84.5	85.4	87.4	87.5	88.5	89.5	89.6	92.1	92.8	93.2	93.5	93.5	93.8	94.5
2 1000	76.3	81.4	84.5	85.4	87.5	87.6	88.6	89.9	90.0	92.6	93.3	93.6	98.6	98.6	94.8	95.5
2 900	76.3	81.5	84.6	85.5	87.6	87.8	88.7	90.0	90.1	92.8	93.5	93.9	94.8	94.8	95.1	95.8
2 800	76.3	81.5	84.7	85.6	87.9	88.	89.0	90.6	90.7	93.6	94.3	94.7	95.6	95.6	96.0	96.7
2 700	76.3	81.5	84.7	85.6	87.9	88.	89.0	90.6	90.7	93.8	94.5	94.8	95.8	95.9	96.2	96.9
2 600	76.3	81.5	84.7	85.6	87.9	88.	89.0	90.6	90.7	93.8	94.6	94.9	95.9	96.0	96.6	97.3
2 500	76.3	81.5	84.7	85.6	87.9	88.	89.0	90.6	90.7	93.9	94.7	95.1	96.1	96.2	96.8	97.5
2 400	76.4	81.6	84.8	85.7	88.0	88.1	89.2	90.7	90.8	94.3	95.2	95.5	96.8	96.9	97.6	98.4
2 300	76.4	81.6	84.8	85.7	88.0	88.1	89.2	90.7	90.8	94.3	95.2	95.5	96.8	97.2	98.0	98.7
2 200	76.4	81.6	84.8	85.7	88.0	88.1	89.3	90.8	90.9	94.5	95.3	95.6	97.1	97.6	98.6	99.4
2 100	76.4	81.6	84.8	85.7	88.0	88.1	89.3	90.8	90.9	94.5	95.3	95.6	97.2	97.8	98.9	99.9
2 0	76.4	81.6	84.8	85.7	88.0	88.1	89.3	90.8	90.9	94.5	95.3	95.6	97.2	97.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 859

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

2

[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible]EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT [illegible] 15-84 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-14CC

VISIBILITY STATUTE MILES

[illegible]	[illegible]	26	25	24	23	22	22	21	21	21	21	21	21	21 16	21	20
[illegible]	[illegible].5	41.5	47.0	43.6	43.9	44.1	44.1	44.5	44.9	46.6	46.8	46.8	47.[illegible]	47.0	47.[illegible]	47.0
[illegible]	43.6	46.6	48.2	48.8	49.1	49.2	49.4	49.8	50.2	51.9	52.1	52.1	52.4	52.4	52.4	52.4
[illegible]	44.2	47.2	48.8	49.5	49.8	49.9	50.1	50.5	50.9	52.7	52.8	52.8	53.1	53.1	53.1	53.1
[illegible]	44.1	47.3	48.9	49.6	49.9	50.1	50.2	50.6	51.0	52.6	52.9	52.9	53.2	53.2	53.2	53.2
[illegible]	45.[illegible]	48.8	50.3	51.[illegible]	51.5	51.6	51.9	52.4	52.8	54.5	54.7	54.7	55.0	55.0	55.0	55.0
[illegible]	47.5	[illegible]	52.5	53.6	54.1	54.2	54.5	55.1	55.5	57.2	57.4	57.4	57.7	57.7	57.7	57.7
[illegible]	[illegible].5	54.5	56.1	57.1	57.6	57.7	58.2	58.9	59.2	61.[illegible]	61.1	61.1	61.5	61.5	61.5	61.5
[illegible]	52.[illegible]	56.1	57.6	58.8	59.2	59.4	59.8	60.5	60.9	62.7	62.8	62.8	63.1	63.1	63.1	63.1
[illegible]	55.[illegible]	59.1	60.8	62.0	62.5	62.7	63.1	63.8	64.2	66.1	66.2	66.2	66.5	66.5	66.5	66.5
[illegible]	[illegible]	[illegible].6	63.4	64.7	65.4	65.5	66.0	66.7	67.[illegible]	68.9	69.0	69.0	69.4	69.4	69.4	69.4
[illegible]	[illegible].5	63.8	66.0	67.3	68.1	68.2	68.7	69.4	69.7	71.7	71.8	71.8	72.2	72.2	72.2	72.2
[illegible]	66.7	7[illegible].2	72.6	73.9	74.8	74.9	75.4	76.2	76.6	78.6	78.7	78.7	79.[illegible]	79.[illegible]	79.0	79.0
[illegible]	67.[illegible]	[illegible].3	75.9	77.1	78.1	78.2	78.7	79.5	79.9	81.9	82.0	82.0	82.3	82.3	82.3	82.3
[illegible]	72.3	77.3	8[illegible].0	81.4	82.7	82.9	83.5	84.3	84.8	86.8	86.9	86.9	87.3	87.3	87.3	87.3
[illegible]	73.[illegible]	78.0	8[illegible].7	82.2	83.5	83.7	84.3	85.2	85.6	87.6	87.8	87.8	88.1	88.1	88.1	88.1
[illegible]	74.1	79.2	81.9	83.6	85.3	85.5	86.1	87.[illegible]	87.5	89.8	89.9	90.0	90.3	90.3	90.3	90.3
[illegible]	74.9	80.2	83.0	84.9	86.8	87.[illegible]	87.6	88.7	89.3	91.6	92.2	92.3	92.7	92.7	92.7	92.7
[illegible]	75.1	80.2	83.7	85.7	88.0	88.2	88.8	90.1	90.9	93.4	94.0	94.1	94.5	94.5	94.5	94.5
[illegible]	75.3	80.8	83.7	85.7	88.0	88.2	88.8	90.1	90.9	93.4	94.0	94.1	94.5	94.5	94.5	94.5
[illegible]	75.4	80.9	83.9	85.9	88.1	88.7	89.3	90.7	91.6	94.2	94.8	94.9	95.3	95.3	95.3	95.3
[illegible]	75.4	80.9	83.9	86.0	88.5	89.0	89.6	91.2	92.2	94.8	95.4	95.5	95.9	95.9	95.9	95.9
[illegible]	75.5	81.[illegible]	84.0	86.2	88.7	89.3	90.0	91.6	92.7	95.4	96.2	96.6	97.1	97.1	97.1	97.2
[illegible]	75.5	81.[illegible]	84.0	86.2	88.7	89.3	90.0	91.6	92.7	95.4	96.5	96.8	97.3	97.3	97.3	97.4
[illegible]	75.5	81.[illegible]	84.0	86.3	88.8	89.4	90.1	91.9	92.9	95.6	96.8	97.2	97.6	97.6	97.6	97.8
[illegible]	75.5	81.[illegible]	84.0	86.3	88.8	89.4	90.1	91.9	92.9	95.6	96.8	97.2	97.8	97.8	97.8	97.9
[illegible]	75.5	81.[illegible]	84.0	86.3	88.8	89.4	90.1	92.0	93.1	95.8	97.1	97.5	98.1	98.1	98.1	98.2
[illegible]	75.5	81.0	84.[illegible]	86.3	88.8	89.4	90.1	92.0	93.1	95.9	97.4	98.[illegible]	98.6	98.6	98.6	98.7
[illegible]	75.5	81.0	84.0	86.3	88.8	89.4	90.1	92.0	93.1	96.0	97.5	98.1	98.8	98.8	99.1	99.2
[illegible]	75.5	81.0	84.0	86.3	88.8	89.4	90.1	92.0	93.1	96.0	97.5	98.1	98.8	98.8	99.5	99.6
[illegible]	75.5	81.0	84.0	86.3	88.8	89.4	90.1	92.0	93.1	96.0	97.5	98.1	98.8	98.9	99.6	99.8
[illegible]	75.5	81.0	84.0	86.3	88.8	89.4	90.1	92.0	93.1	96.0	97.5	98.1	98.8	98.9	99.6	100.0
[illegible]	75.5	81.[illegible]	84.0	86.3	88.8	89.4	90.1	92.0	93.1	96.0	97.5	98.1	98.8	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 849

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

2

[illegible] CLIMATOLOGY BRANCH
[illegible] TAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT (STATION NAME) 75-84 (YEARS) FEB (MONTHS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES 50	30	25	20	15	12	10	8	7	6	5	4	3	2	2 5/16	2	1
[illegible]	35.1	36.5	40.4	40.9	41.6	41.9	42.8	44.2	44.2	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6
[illegible]	42.6	46.3	48.4	48.9	49.6	49.9	50.9	52.2	52.2	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 8000	42.9	46.4	48.5	49.[illegible]	49.7	50.1	50.9	52.3	52.3	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 6000	43.3	47.[illegible]	49.1	49.6	5[illegible].3	50.6	51.5	52.9	52.9	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 4000	49.5	[illegible]	51.2	51.7	52.4	52.8	53.6	55.1	55.1	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 2000	[illegible]	[illegible]	52.9	53.4	54.1	54.4	55.2	56.8	56.8	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 1000	[illegible]	52.9	55.2	55.7	56.5	56.9	57.7	59.6	59.7	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 900	[illegible]	53.4	56.2	56.7	57.5	57.8	58.7	60.5	60.7	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 800	53.2	57.3	59.5	60.0	61.0	61.4	62.2	64.4	64.5	66.	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 700	55.1	60.2	62.7	63.3	64.3	64.7	65.5	67.7	67.8	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 600	55.[illegible]	62.4	65.5	66.1	67.4	67.7	68.6	70.8	70.9	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 500	64.5	69.3	72.9	73.6	7[illegible].1	75.6	76.4	78.9	79.0	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.7
≥ 450	68.2	73.3	76.9	77.6	79.2	79.6	80.4	82.9	83.0	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7
≥ 400	7[illegible].7	76.2	8[illegible].0	8[illegible].7	82.4	83.[illegible]	83.9	86.3	86.6	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3
≥ 350	71.3	76.9	8[illegible].7	81.4	83.2	83.9	84.7	87.2	87.4	88.8	89.0	89.2	89.2	89.2	89.2	89.2	89.2
≥ 300	72.4	78.6	82.9	83.6	85.5	86.2	87.2	89.6	90.0	91.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9
≥ 250	[illegible].7	79.0	84.[illegible]	85.2	87.4	88.1	89.[illegible]	91.5	91.9	93.4	93.6	93.8	93.8	93.8	93.8	93.8	93.8
≥ 200	72.9	79.6	84.6	86.3	88.7	89.4	90.3	92.9	93.3	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2
≥ 150	73.0	79.7	84.7	86.5	88.8	89.5	90.5	93.2	93.6	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 100	73.1	79.9	84.9	86.8	89.2	89.9	90.8	93.5	94.0	95.6	95.9	96.[illegible]	96.0	96.0	96.0	96.0	96.0
≥ 0	73.1	79.9	84.9	86.8	89.2	89.9	90.8	93.6	94.1	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.6
≥ 900	73.1	79.9	84.9	86.8	89.2	89.9	90.8	93.6	94.1	96.1	96.6	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	73.1	8[illegible].0	85.0	86.9	89.3	90.0	91.0	94.0	94.6	96.6	97.1	97.3	97.4	97.4	97.4	97.4	97.4
≥ 700	73.1	8[illegible].0	85.0	86.9	89.3	90.0	91.2	94.1	94.7	96.7	97.3	97.5	97.8	97.8	97.8	97.8	97.8
≥ 600	73.1	8[illegible].0	85.0	86.9	89.4	90.1	91.3	94.2	94.8	96.8	97.4	97.6	97.9	97.9	97.9	97.9	97.9
≥ 500	73.1	80.0	85.0	86.9	89.4	90.1	91.3	94.3	94.9	96.9	97.6	97.9	98.2	98.2	98.4	98.4	98.4
≥ 400	73.1	80.0	85.0	86.9	89.4	90.1	91.3	94.3	94.9	97.1	97.8	98.[illegible]	98.4	98.5	98.7	98.7	98.7
≥ 300	73.1	80.0	85.0	86.9	89.4	90.1	91.3	94.3	94.9	97.1	97.8	98.[illegible]	98.6	99.2	99.5	99.6	99.6
≥ 200	73.1	80.0	85.0	86.9	89.4	90.1	91.3	94.3	94.9	97.1	97.8	98.1	98.7	99.3	99.6	99.8	99.8
≥ 100	73.1	80.0	85.0	86.9	89.4	90.1	91.3	94.3	94.9	97.1	97.8	98.1	98.7	99.3	99.8	100.0	100.0
≥ 0	73.1	80.0	85.0	86.9	89.4	90.1	91.3	94.3	94.9	97.1	97.8	98.1	98.7	99.3	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 849

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

2

[illegible] CLIMATOLOGY BRANCH
[illegible] ETAC
[illegible] SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB, UT [illegible] 75-84 [illegible] FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] 00-24 CT

VISIBILITY STATUTE MILES

CEILING FEET	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥ 5/16	≥¼	≥0
[illegible]	42.4	44.1	44.9	45.8	45.9	46.5	47.8	47.9	49.2	49.4	49.4	49.4	49.4	49.4
[illegible]	47.[illegible]	48.6	49.5	50.5	50.6	51.2	52.5	52.7	53.9	54.1	54.1	54.1	54.1	54.1
[illegible]	48.2	49.8	[illegible]	51.7	51.8	52.4	53.7	53.8	55.1	55.2	55.2	55.2	55.2	55.2
[illegible]	48.5	[illegible]	51.1	52.2	52.3	52.9	54.2	54.3	55.6	55.7	55.7	55.7	55.7	55.7
[illegible]	[illegible]	51.9	52.8	53.8	53.9	54.5	55.8	55.9	57.2	57.4	57.4	57.4	57.4	57.4
[illegible]	[illegible]	55.1	56.2	57.2	57.4	58.[illegible]	59.2	59.4	60.7	60.8	60.8	60.8	60.8	60.8
[illegible]	56.4	58.7	59.7	[illegible]	61.[illegible]	61.6	63.0	63.1	64.4	64.5	64.5	64.5	64.5	64.5
[illegible]	56.5	59.1	60.2	61.4	61.5	62.1	63.5	63.6	64.9	65.[illegible]	65.0	65.0	65.0	65.0
[illegible]	61.0	62.2	63.3	64.4	64.5	65.1	66.7	66.8	68.4	68.6	68.6	68.6	68.6	68.6
[illegible]	[illegible]	64.1	65.1	66.3	66.4	67.0	68.6	68.7	70.4	70.6	70.6	70.6	70.6	70.6
[illegible]	64.2	66.8	67.8	69.0	69.1	69.7	71.4	71.5	73.3	73.5	73.5	73.5	73.5	73.5
[illegible]	69.8	72.8	74.0	75.1	75.3	75.9	77.5	77.6	79.4	79.6	79.6	79.6	79.6	79.6
[illegible]	72.2	75.4	76.9	78.4	78.6	79.2	80.8	80.9	82.8	83.2	83.2	83.2	83.2	83.2
[illegible]	74.2	77.4	78.9	[illegible]	80.6	81.2	82.8	82.9	84.8	85.2	85.2	85.2	85.2	85.2
[illegible]	[illegible]	78.2	79.9	81.4	81.5	82.1	83.7	83.9	85.7	86.1	86.1	86.1	86.1	86.1
[illegible]	77.4	81.2	82.9	84.5	84.6	85.4	87.[illegible]	87.2	89.[illegible]	89.4	89.4	89.4	89.4	89.4
[illegible]	78.6	82.7	84.6	86.2	86.3	87.2	88.8	88.9	90.9	91.3	91.4	91.5	91.5	91.5
[illegible]	79.0	83.7	85.7	87.6	87.8	88.7	90.5	90.6	92.6	93.1	93.2	93.3	93.3	93.3
[illegible]	79.0	83.9	85.9	87.8	87.9	88.8	90.6	90.7	92.7	93.2	93.3	93.4	93.4	93.4
[illegible]	79.2	84.1	86.2	88.1	88.2	89.3	91.0	91.2	93.2	93.9	94.[illegible]	94.1	94.1	94.1
[illegible]	79.2	84.1	86.2	88.1	88.2	89.3	91.2	91.3	93.3	94.0	94.1	94.2	94.2	94.2
[illegible]	79.4	84.5	86.7	88.8	88.9	90.0	92.2	92.3	94.3	95.2	95.3	95.5	95.5	95.6
[illegible]	79.4	84.5	86.7	88.9	89.0	90.1	92.3	92.5	94.5	95.3	95.4	95.6	95.6	95.8
[illegible]	79.4	84.5	86.7	88.9	89.0	90.1	92.3	92.6	94.6	95.5	95.8	96.0	96.0	96.2
[illegible]	79.4	84.6	86.8	89.2	89.3	90.3	92.6	92.8	94.8	95.8	96.0	96.2	96.2	96.5
[illegible]	79.4	84.6	86.8	89.2	89.3	90.3	92.6	92.9	94.9	96.0	96.2	96.5	96.5	96.8
[illegible]	79.4	84.6	86.8	89.2	89.3	90.3	92.7	93.1	95.1	96.1	96.6	97.2	97.2	97.5	97.6
[illegible]	79.4	84.6	86.8	89.2	89.3	90.3	92.7	93.1	95.2	96.5	96.9	97.8	97.8	98.1	98.2
[illegible]	79.4	84.6	86.8	89.2	89.3	90.3	92.7	93.1	95.3	96.6	97.2	98.1	98.1	98.6	98.7
[illegible]	79.4	84.6	86.8	89.2	89.3	90.3	92.7	93.1	95.3	96.7	97.3	98.5	98.5	99.1	99.5
[illegible]	79.4	84.6	86.8	89.2	89.3	90.3	92.7	93.1	95.3	96.7	97.3	98.5	98.5	99.1	99.8
[illegible]	79.4	84.6	86.8	89.2	89.3	90.3	92.7	93.1	95.3	96.7	97.3	98.5	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 849

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

2

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB [illegible] (STATION NAME) 75-84 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-2300 (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	[illegible]	26	[illegible]	[illegible]	[illegible]	22	22	[illegible]	21	21	21	2	2	2	≥5 16	2	20
[illegible]	[illegible]	47.2	49.9	49.4	[illegible]	49.6	50.2	50.8	51.1	51.6	51.7	51.7	51.7	51.7	51.7	51.8
[illegible]	41.5	[illegible]	52.5	53.0	53.6	53.6	54.1	54.8	55.1	55.6	55.7	55.7	55.7	55.7	55.7	55.8
[illegible]	[illegible]	51.9	53.6	54.1	54.5	54.7	55.1	55.8	56.2	56.7	56.8	56.8	56.8	56.8	56.8	56.9
[illegible]	41.5	51.9	53.6	54.1	54.5	54.7	55.1	55.8	56.2	56.7	56.8	56.8	56.8	56.8	56.8	56.9
[illegible]	47.6	53.1	54.9	55.2	55.7	55.8	56.3	57.[illegible]	57.4	57.8	58.0	58.0	58.0	58.0	58.0	58.1
[illegible]	[illegible]	56.3	58.1	58.5	59.0	59.1	59.6	60.3	60.7	61.1	61.2	61.2	61.2	61.2	61.2	61.4
[illegible]	[illegible]	59.1	61.1	61.7	62.4	62.5	63.0	63.8	64.2	64.7	64.8	64.8	64.8	64.8	64.8	64.9
[illegible]	[illegible]	5[illegible].6	61.7	62.3	63.0	63.[illegible]	63.8	64.7	65.0	65.5	65.6	65.6	65.6	65.6	65.6	65.7
[illegible]	5[illegible].4	[illegible]2.4	64.5	65.1	65.8	66.0	66.8	67.6	68.3	68.8	68.9	68.9	68.9	68.9	68.9	69.0
[illegible]	[illegible]	[illegible]3.7	65.8	66.4	67.1	67.3	68.1	68.9	69.6	70.1	70.2	70.2	70.2	70.2	70.2	70.3
[illegible]	5[illegible].7	65.[illegible]	67.4	68.0	68.7	68.8	69.6	70.6	71.3	71.7	71.8	71.8	71.8	71.8	71.8	72.0
[illegible]	[illegible]	[illegible].2	72.4	73.0	73.7	73.9	74.7	75.9	76.6	77.1	77.3	77.3	77.3	77.3	77.3	77.4
[illegible]	64.[illegible]	72.[illegible]	74.6	75.3	76.0	76.1	77.0	78.3	79.0	79.6	79.7	79.7	79.7	79.7	79.7	79.9
[illegible]	[illegible]	74.7	77.4	78.2	79.[illegible]	79.2	80.3	81.6	82.3	82.9	83.0	83.0	83.0	83.0	83.0	83.2
[illegible]	67.5	75.7	78.6	79.4	8[illegible].2	80.3	91.5	82.8	83.5	84.1	84.2	84.2	84.2	84.2	84.2	84.3
[illegible]	6[illegible]	78.[illegible]	81.5	82.6	83.5	83.6	84.9	86.2	86.9	87.5	87.6	87.6	87.6	87.6	87.6	87.8
[illegible]	[illegible].7	79.0	82.6	83.6	84.6	84.7	86.1	87.4	88.1	88.8	88.9	88.9	88.9	88.9	88.9	89.0
[illegible]	65.8	80.0	84.3	85.4	86.5	86.6	88.3	89.8	90.5	91.3	91.4	91.4	91.4	91.4	91.4	91.5
[illegible]	65.8	80.0	84.5	85.5	86.7	86.8	88.6	90.0	90.7	91.5	91.6	91.6	91.6	91.6	91.6	91.8
[illegible]	65.8	80.0	84.6	85.6	86.9	87.0	88.9	90.5	91.2	92.2	92.6	92.6	92.6	92.9	92.9	92.9
[illegible]	65.8	80.0	84.6	85.6	86.9	87.[illegible]	88.9	90.5	91.2	92.2	92.6	92.6	92.9	92.9	92.9	93.1
[illegible]	65.8	80.1	84.8	85.9	87.2	87.4	89.4	90.9	91.6	92.8	93.3	93.3	93.8	93.8	93.8	93.9
[illegible]	65.8	8[illegible].1	84.8	85.9	87.2	87.4	89.4	90.9	91.6	92.8	93.3	93.3	93.8	93.8	93.8	93.9
[illegible]	65.8	8[illegible].3	85.[illegible]	86.1	87.5	87.8	89.9	91.4	92.2	93.4	94.0	94.0	94.5	94.5	94.5	94.6
[illegible]	65.8	8[illegible].3	85.2	86.3	88.0	88.2	90.3	92.0	92.8	94.1	94.8	94.8	95.3	95.3	95.3	95.4
[illegible]	65.8	8[illegible].3	85.2	86.3	88.0	88.2	90.3	92.0	92.8	94.2	94.9	94.9	95.4	95.4	95.4	95.6
[illegible]	65.8	8[illegible].4	85.3	86.5	88.1	88.3	90.5	92.2	93.2	94.8	95.5	95.5	96.1	96.1	96.1	96.3
[illegible]	65.8	80.4	85.3	86.5	88.2	88.5	90.6	92.3	93.4	95.2	96.1	96.1	96.7	96.7	96.8	97.1
[illegible]	65.8	80.4	85.3	86.5	88.2	88.5	90.6	92.3	93.4	95.4	96.7	96.9	97.8	97.8	98.0	98.2
[illegible]	65.8	80.4	85.3	86.5	88.2	88.5	90.6	92.3	93.4	95.6	96.8	97.1	98.0	98.1	98.5	98.8
[illegible]	65.8	80.4	85.3	86.5	88.2	88.5	90.6	92.3	93.4	95.4	96.8	97.1	98.1	98.2	98.6	99.4
[illegible]	65.8	80.4	85.3	86.5	88.2	88.5	90.6	92.3	93.4	95.4	96.8	97.1	98.1	98.2	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 849

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

2

[illegible] CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible] WEAT-ER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT — 75-84 — FEB — ALL

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
[illegible]	[illegible]	43.5	44.7	45.1	[illegible]	45.5	45.9	46.4	46.5	47.3	47.5	47.6	47.7	47.7	47.7	47.9
20000	[illegible]	[illegible]	49.2	49.6	50.0	50.1	50.5	51.[illegible]	51.1	51.9	52.2	52.2	52.3	52.3	52.3	52.6
18000	44.[illegible]	48.7	49.9	50.4	50.8	50.9	51.3	51.8	51.9	52.7	53.0	53.0	53.1	53.1	53.1	53.3
16000	45.0	[illegible]	50.2	50.6	51.0	51.1	51.5	52.0	52.1	52.9	53.2	53.2	53.3	53.3	53.4	53.6
14000	49.[illegible]	[illegible].1	51.4	51.8	52.2	52.3	52.8	53.3	53.4	54.3	54.5	54.6	54.7	54.7	54.7	54.9
12000	49.4	52.5	53.8	54.3	54.7	54.8	55.3	55.9	56.0	56.8	57.1	57.2	57.3	57.3	57.3	57.5
10000	[illegible]3.2	55.6	57.[illegible]	57.5	58.0	58.1	58.6	59.4	59.5	60.4	60.7	60.7	60.8	60.8	60.8	61.0
9000	[illegible]2.3	56.7	58.1	58.7	59.2	59.3	59.8	60.6	60.7	61.5	61.8	61.9	62.0	62.0	62.0	62.2
8000	55.1	59.7	61.2	61.7	62.3	62.4	62.9	63.9	64.1	65.0	65.3	65.3	65.4	65.4	65.5	65.7
7000	56.8	61.6	63.1	63.5	64.8	64.5	65.1	66.0	66.2	67.1	67.4	67.5	67.6	67.6	67.6	67.8
6000	58.9	63.9	65.8	66.4	67.1	67.2	67.7	68.7	68.9	69.8	70.2	70.2	70.3	70.3	70.3	70.5
5000	64.0	69.5	71.7	72.4	73.1	73.2	73.8	74.9	75.1	76.1	76.4	76.5	76.6	76.6	76.6	76.8
4500	66.8	72.7	75.1	75.9	76.6	76.7	77.3	78.5	78.7	79.7	80.0	80.1	80.2	80.2	80.2	80.4
4000	68.1	75.6	78.3	79.1	80.0	80.1	80.8	81.9	82.1	83.1	83.5	83.5	83.7	83.7	83.7	83.9
3500	69.9	76.7	79.4	80.2	81.2	81.4	82.0	83.2	83.4	84.4	84.8	84.8	84.9	84.9	85.0	85.2
3000	71.5	78.5	81.7	82.6	83.8	84.0	84.7	85.9	86.1	87.2	87.6	87.7	87.8	87.8	87.9	88.1
2500	73.5	79.5	82.9	84.[illegible]	85.4	85.6	86.4	87.6	87.9	89.0	89.5	89.5	89.7	89.7	89.7	90.0
2000	73.8	8[illegible].2	84.[illegible]	85.3	86.9	87.1	88.0	89.3	89.6	90.9	91.3	91.4	91.6	91.6	91.6	91.8
1800	73.9	8[illegible].2	84.0	85.3	87.0	87.2	88.1	89.4	89.7	91.0	91.4	91.5	91.7	91.7	91.7	91.9
1500	72.0	80.4	84.4	85.8	87.4	87.7	88.8	90.2	90.6	92.0	92.6	92.7	92.8	92.8	92.9	93.1
1200	72.0	80.6	84.6	86.0	87.8	88.1	89.1	90.6	91.0	92.4	93.1	93.1	93.3	93.3	93.4	93.6
1000	72.0	80.7	85.0	86.4	88.1	88.5	89.5	91.2	91.5	93.1	93.9	94.0	94.4	94.4	94.4	94.7
900	72.0	80.7	85.0	86.4	88.2	88.5	89.6	91.2	91.5	93.1	94.0	94.1	94.5	94.5	94.6	94.8
800	72.0	80.8	85.1	86.5	88.3	88.7	89.8	91.5	91.9	93.6	94.5	94.6	95.0	95.0	95.1	95.4
700	72.0	80.8	85.1	86.6	88.5	88.8	89.9	91.7	92.1	93.8	94.8	94.9	95.4	95.4	95.5	95.7
600	72.0	80.8	85.1	86.6	88.5	88.8	90.0	91.8	92.2	94.0	95.1	95.3	95.7	95.7	95.8	96.1
500	72.0	80.8	85.2	86.6	88.5	88.9	90.1	92.0	92.5	94.4	95.7	96.0	96.5	96.5	96.7	97.0
400	72.0	80.8	85.2	86.7	88.6	89.0	90.2	92.2	92.7	94.8	96.3	96.5	97.1	97.2	97.5	97.8
300	72.0	80.8	85.2	86.7	88.6	89.0	90.2	92.2	92.7	94.8	96.4	96.7	97.5	97.7	98.1	98.5
200	72.0	80.8	85.2	86.7	88.6	89.0	90.3	92.2	92.7	94.9	96.5	96.9	97.7	98.0	98.5	99.0
100	72.0	80.8	85.2	86.7	88.6	89.0	90.3	92.2	92.7	94.9	96.6	96.9	97.8	98.1	98.6	99.7
0	72.0	80.8	85.2	86.7	88.6	89.0	90.3	92.2	92.7	94.9	96.6	96.9	97.8	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6792

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

2

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT (STATION NAME) 75-84 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-2200 (HOUR LST)

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	0
≥ UNLIM	49.7	49.4	49.6	49.6	49.7	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 20000	51.2	51.0	51.1	51.1	51.2	51.2	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 18000	51.4	51.1	51.3	51.3	51.4	51.4	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 16000	51.6	51.3	51.5	51.5	51.6	51.6	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 14000	51.6	52.3	52.5	52.5	52.6	52.6	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 12000	53.1	53.9	54.1	54.1	54.2	54.2	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 10000	59.3	59.2	59.5	59.5	59.6	59.6	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3
≥ 9000	59.8	59.8	60.2	60.2	60.3	60.3	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1
≥ 8000	64.5	65.7	66.1	66.1	66.2	66.2	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0
≥ 7000	67.6	68.8	69.2	69.2	69.4	69.4	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1
≥ 6000	70.9	72.2	72.6	72.6	72.7	72.7	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.5
≥ 5000	75.9	78.2	78.6	78.7	79.0	79.1	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	80.0
≥ 4500	79.2	81.8	81.2	81.3	81.6	81.7	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.6
≥ 4000	82.1	83.2	83.7	83.8	84.2	84.3	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.3
≥ 3500	81.4	84.6	85.1	85.2	85.6	85.7	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.7
≥ 3000	87.3	87.1	87.7	88.3	88.6	88.7	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.7
≥ 2500	87.5	87.6	89.1	89.5	90.1	90.2	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.2
≥ 2000	87.9	88.4	89.9	90.3	91.1	91.2	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2	92.3
≥ 1800	87.9	88.5	90.0	90.4	91.2	91.3	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.4
≥ 1500	88.1	88.8	90.5	91.0	91.8	91.9	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.1
≥ 1200	88.1	88.9	90.6	91.1	92.0	92.2	93.1	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.7	93.8
≥ 1000	88.1	89.1	91.1	91.5	92.5	92.6	93.7	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.4	94.5
≥ 900	88.1	89.1	91.2	91.6	92.6	92.7	93.8	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.5	94.6
≥ 800	88.1	89.2	91.4	91.9	92.9	93.0	94.1	94.5	94.5	94.8	94.8	94.8	95.1	95.2	95.3	95.4
≥ 700	88.1	89.4	91.5	92.0	93.0	93.1	94.2	94.7	94.7	95.2	95.2	95.2	95.4	95.5	95.6	95.7
≥ 600	88.1	89.5	91.7	92.3	93.2	93.3	94.4	94.9	94.9	95.6	95.6	95.6	95.9	96.0	96.1	96.2
≥ 500	88.1	89.6	91.8	92.4	93.3	93.4	94.9	95.5	95.5	96.5	96.6	96.6	96.9	97.0	97.1	97.2
≥ 400	88.1	89.6	91.8	92.4	93.3	93.4	95.1	95.6	95.8	97.1	97.2	97.3	97.8	98.0	98.1	98.3
≥ 300	88.1	89.6	91.8	92.4	93.3	93.4	95.1	95.6	95.8	97.1	97.3	97.5	98.2	98.3	98.4	98.7
≥ 200	88.1	89.6	91.8	92.4	93.3	93.4	95.1	95.6	95.8	97.2	97.5	97.7	98.6	98.7	99.1	99.6
≥ 100	88.1	89.6	91.8	92.4	93.3	93.4	95.1	95.6	95.8	97.2	97.5	97.7	98.6	98.7	99.2	99.9
≥ 0	88.1	89.6	91.8	92.4	93.3	93.4	95.1	95.6	95.8	97.2	97.5	97.7	98.6	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 910

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

2

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible]FAT[illegible] SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT (STATION NAME) 75-84 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]00-[illegible]00 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	[illegible]	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥[illegible]	≥5/16	≥¼	≥0
[illegible]	[illegible]	47.1	47.2	47.4	47.8	47.4	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
[illegible]	[illegible]	[illegible]	[illegible]	51.0	[illegible]	51.0	51.3	51.5	51.5	51.5	51.5	51.5	51.6	51.6	51.6	51.6
[illegible]	[illegible]	51.[illegible]	51.1	51.3	51.3	51.3	51.6	51.[illegible]	51.8	51.8	51.8	51.8	51.9	51.9	51.9	51.9
[illegible]	[illegible]	51.5	51.6	51.8	51.8	51.8	52.2	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5
4000	[illegible]	52.2	52.3	52.5	52.5	52.5	52.8	53.[illegible]	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1
[illegible]	[illegible]	54.4	54.5	54.7	54.7	54.7	55.1	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4
[illegible]	57.8	58.6	59.7	58.9	58.9	58.9	59.2	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7
[illegible]	[illegible]	59.2	59.4	59.6	59.6	59.6	59.9	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3
800	63.7	64.4	64.5	64.9	64.9	64.9	65.3	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7
[illegible]	[illegible]	69.9	69.0	69.5	69.5	69.5	69.8	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2
[illegible]	71.4	[illegible]	72.8	73.2	73.2	73.2	73.5	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0
[illegible]	[illegible]	79.[illegible]	79.2	79.8	79.8	79.8	80.1	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5
4500	[illegible]	81.4	81.6	82.2	82.2	82.2	82.5	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9
4000	[illegible]	82.4	82.7	83.2	83.2	83.2	83.5	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0
3500	[illegible]	83.8	84.3	84.8	84.8	84.8	85.2	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7
3000	[illegible]	85.3	86.5	87.0	87.0	87.0	87.4	87.8	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0
2500	[illegible]	86.8	88.4	88.9	88.9	88.9	89.4	89.8	89.8	89.8	89.8	89.8	89.9	90.0	90.0	90.0
[illegible]	[illegible]	87.6	89.5	90.1	90.8	90.5	91.2	91.6	91.6	91.6	91.6	91.6	91.7	91.8	91.8	91.8
1800	[illegible]	87.7	89.6	90.2	90.6	90.9	91.5	91.9	91.9	91.9	91.9	91.9	92.0	92.2	92.2	92.2
[illegible]	[illegible]	[illegible]	90.9	91.6	92.0	92.3	93.0	93.4	93.4	93.4	93.4	93.5	93.7	93.8	93.8	93.8
[illegible]	[illegible]	88.9	91.2	91.9	92.5	92.7	93.4	93.9	93.9	93.9	93.9	94.0	94.1	94.2	94.2	94.2
[illegible]	[illegible]	89.2	91.5	92.3	92.8	93.1	94.2	94.9	94.9	94.9	94.9	95.1	95.2	95.3	95.3	95.3
900	[illegible]	89.2	91.6	92.4	92.9	93.2	94.3	95.1	95.1	95.1	95.1	95.3	95.5	95.6	95.6	95.6
800	[illegible]	89.6	92.[illegible]	92.8	93.3	93.8	94.8	95.6	95.6	95.7	95.8	96.0	96.2	96.3	96.3	96.3
[illegible]	[illegible]	89.6	92.2	92.9	93.4	94.[illegible]	95.2	95.9	95.9	96.0	96.1	96.3	96.6	96.7	96.7	96.7
600	[illegible]	89.6	92.3	93.0	93.5	94.2	95.4	96.2	96.2	96.3	96.5	96.7	96.9	97.0	97.0	97.0
500	[illegible]	89.6	92.3	93.0	93.7	94.3	95.6	96.9	96.9	97.3	97.4	97.6	97.8	98.1	98.1	98.1
400	[illegible]	89.6	92.3	93.0	93.7	94.3	95.7	97.1	97.1	97.5	97.7	98.0	98.2	98.4	98.6	98.6
300	89.4	89.6	92.3	93.0	93.7	94.3	95.7	97.1	97.1	97.6	98.1	98.3	98.5	98.7	98.9	98.9
200	[illegible]	89.6	92.3	93.0	93.7	94.3	95.7	97.1	97.1	97.8	98.5	98.8	99.1	99.4	99.6	99.7
100	89.4	89.6	92.3	93.0	93.7	94.3	95.7	97.1	97.1	97.8	98.5	98.8	99.1	99.4	99.6	99.9
0	[illegible]	89.6	92.3	93.0	93.7	94.3	95.7	97.1	97.1	97.8	98.5	98.8	99.1	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

2

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT (STATION NAME) 75-84 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-[illegible] (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
UNLIMITED	47.0	43.2	43.4	43.4	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.9
≥20000	46.5	46.8	47.0	47.0	47.2	47.3	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.6
≥18000	47.0	47.4	47.6	47.6	47.8	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.3
≥16000	47.5	47.8	48.1	48.1	48.3	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.7
≥14000	48.9	48.8	49.0	49.0	49.2	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.7
≥12000	51.4	51.7	51.9	51.9	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.6
≥10000	55.9	56.1	56.3	56.3	56.7	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.2
≥9000	56.5	57.2	57.4	57.4	57.7	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3
≥8000	60.8	63.2	63.5	63.7	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.5
≥7000	65.3	65.8	66.1	66.2	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.1
≥6000	68.9	69.6	69.9	70.0	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.9
≥5000	75.4	76.5	76.8	76.9	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.7
≥4500	78.[illegible]	79.4	79.8	79.9	8[illegible].2	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.9
≥4000	[illegible].4	82.[illegible]	82.6	82.7	83.0	83.3	83.5	83.5	83.5	83.7	83.7	83.7	83.8	83.8	83.8	84.0
≥3500	81.5	83.2	84.[illegible]	84.1	84.4	84.7	84.9	85.1	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.5
≥3000	82.7	84.8	85.8	86.[illegible]	86.5	86.9	87.2	87.4	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.8
≥2500	8[illegible].9	86.3	87.4	87.8	88.3	88.7	89.0	89.4	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.8
≥2000	84.1	86.9	88.4	88.9	89.7	90.1	90.8	90.9	91.0	91.2	91.3	91.3	91.8	91.4	91.4	91.6
≥1800	84.2	87.1	88.6	89.1	89.9	90.3	91.6	91.1	91.2	91.4	91.5	91.5	91.6	91.6	91.6	91.8
≥1500	84.5	87.7	89.7	90.2	91.0	91.4	91.9	92.4	92.5	92.7	92.9	92.9	93.0	93.0	93.0	93.2
≥1200	84.5	87.7	89.7	90.2	91.0	91.4	92.2	92.6	92.7	92.9	93.1	93.1	93.2	93.2	93.2	93.4
≥1000	84.5	87.7	89.8	90.3	91.1	91.5	92.6	93.2	93.4	94.0	94.3	94.5	94.6	94.6	94.6	94.8
≥900	84.5	87.7	89.8	90.3	91.2	91.6	92.7	93.3	93.5	94.1	94.4	94.6	94.7	94.7	94.7	94.9
≥800	84.5	87.7	89.9	9[illegible].5	91.5	91.9	93.1	93.9	94.2	94.5	95.5	95.7	95.9	96.0	96.0	96.2
≥700	84.5	87.7	89.9	9[illegible].5	91.5	91.9	93.1	93.9	94.2	94.9	95.7	95.9	96.2	96.3	96.3	96.6
≥600	84.5	87.7	9[illegible].0	90.6	91.6	92.[illegible]	93.2	94.0	94.3	95.3	96.0	96.3	96.8	96.9	97.0	97.2
≥500	84.5	87.7	9[illegible].0	90.6	91.7	92.2	93.4	94.4	94.7	96.0	96.8	97.2	97.7	97.8	98.3	98.5
≥400	84.5	87.7	90.0	90.6	91.7	92.2	93.4	94.4	94.7	96.1	96.9	97.3	97.8	98.0	98.4	98.7
≥300	84.5	87.7	90.0	90.6	91.7	92.2	93.4	94.4	94.7	96.2	97.2	97.6	98.3	98.4	99.1	99.6
≥200	84.5	87.7	90.0	90.6	91.7	92.2	93.4	94.4	94.7	96.2	97.2	97.6	98.3	98.4	99.8	99.8
≥100	84.5	87.7	90.0	90.6	91.7	92.2	93.4	94.4	94.7	96.2	97.2	97.6	98.3	98.4	99.4	99.9
≥0	84.5	87.7	90.0	90.6	91.7	92.2	93.4	94.4	94.7	96.2	97.2	97.6	98.3	98.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

2

[illegible]RAL CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT — STATION NAME — 75-84 — YEARS — MAR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]00-1100 — HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
[illegible]	41.5	42.4	4[illegible].6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
[illegible]	47.6	48.3	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
[illegible]	49.[illegible]	49.7	49.9	49.9	5[illegible].0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
[illegible]	49.4	5[illegible]	50.2	50.2	5[illegible].3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
[illegible]	[illegible]	5[illegible].9	51.1	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
[illegible]	[illegible]	54.2	54.4	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
[illegible]	5[illegible].3	57.0	57.2	57.2	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
[illegible]	[illegible].2	57.8	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
[illegible]	[illegible].4	[illegible].3	63.5	63.5	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
[illegible]	[illegible].5	65.6	65.8	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
[illegible]	67.4	69.6	69.8	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
[illegible]	73.5	74.8	75.3	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
[illegible]	77.2	78.5	78.9	78.9	79.[illegible]	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
[illegible]	[illegible].4	82.[illegible]	82.5	82.5	82.6	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
[illegible]	[illegible].4	83.2	83.7	83.8	83.9	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3
[illegible]	[illegible].1	85.3	86.[illegible]	86.2	86.6	86.6	86.8	86.9	86.9	86.9	87.0	87.0	87.1	87.1	87.1	87.1
[illegible]	[illegible].4	85.9	87.[illegible]	87.2	87.5	87.5	87.7	87.8	87.8	88.0	88.1	88.1	88.2	88.2	88.2	88.2
[illegible]	[illegible].5	86.6	88.2	88.5	89.0	89.[illegible]	89.4	89.7	89.7	89.8	89.9	90.0	90.1	90.1	90.1	90.1
[illegible]	[illegible].7	86.7	88.4	88.7	89.5	89.5	89.8	90.1	90.1	90.2	90.3	90.4	90.5	90.5	90.5	90.5
[illegible]	84.2	87.4	89.1	89.6	91.6	90.6	91.0	91.4	91.5	91.6	91.7	91.9	92.0	92.0	92.0	92.0
[illegible]	84.[illegible]	87.4	89.2	89.8	90.9	91.0	91.4	91.8	91.9	92.0	92.2	92.4	92.5	92.5	92.5	92.5
[illegible]	84.2	87.4	89.4	90.1	91.5	91.6	92.4	93.3	93.8	93.8	94.1	94.3	94.4	94.4	94.4	94.4
[illegible]	84.2	87.4	89.4	90.2	91.7	91.8	92.6	93.7	93.8	94.2	94.5	94.8	94.9	94.9	94.9	94.9
[illegible]	84.2	87.4	89.4	90.2	91.7	91.8	92.6	93.8	94.0	94.7	95.3	95.7	96.2	96.2	96.2	96.2
[illegible]	84.2	87.4	89.4	90.2	91.7	91.8	92.7	94.0	94.3	95.1	95.6	96.0	96.7	96.7	96.7	96.7
[illegible]	84.2	87.4	89.4	90.2	91.7	91.8	92.8	94.2	94.5	95.3	95.9	96.5	97.1	97.2	97.2	97.2
[illegible]	84.2	87.4	89.4	90.2	91.7	91.8	92.8	94.3	94.6	95.6	96.6	97.1	97.7	97.8	98.1	98.1
[illegible]	84.2	87.4	89.4	90.2	91.7	91.8	92.8	94.3	94.6	95.6	96.7	97.3	98.0	98.2	98.4	98.4
[illegible]	84.2	87.4	89.4	90.2	91.7	91.8	92.8	94.3	94.6	95.6	97.0	97.6	98.5	98.9	99.5	99.5
[illegible]	84.2	87.4	89.4	90.2	91.7	91.8	92.8	94.3	94.6	95.6	97.0	97.6	98.5	99.0	99.6	99.9
[illegible]	84.2	87.4	89.4	90.2	91.7	91.8	92.8	94.3	94.6	95.6	97.0	97.6	98.5	99.0	99.6	100.0
[illegible]	84.2	87.4	89.4	90.2	91.7	91.8	92.8	94.3	94.6	95.6	97.[illegible]	97.6	98.5	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 936

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

2

CLIMATOLOGY BRANCH

SERVICE

CEILING VERSUS VISIBILITY

FALL 85-84

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES

[illegible]	[illegible]	[illegible]	37.3	37.3	37.3	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
44.6	45.7	45.5	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
[illegible]	46.6	46.8	46.9	46.9	46.9	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
[illegible]	[illegible]	47.2	47.3	47.3	47.3	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
[illegible]	48.4	48.6	48.7	48.7	48.7	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
[illegible]	50.8	51.[illegible]	51.1	51.1	51.1	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
[illegible]	[illegible]	54.1	54.3	54.4	54.4	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
[illegible]	54.[illegible]	55.1	55.3	55.4	55.4	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
[illegible]	[illegible]	59.7	59.9	60.0	60.0	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
[illegible]	[illegible]	62.4	62.6	62.7	62.7	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
[illegible]	[illegible]	64.0	64.3	64.5	64.5	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
[illegible]	71.2	71.5	71.8	72.0	72.0	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
[illegible]	[illegible]	75.3	75.6	75.9	75.9	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
[illegible]	79.6	[illegible]	80.8	81.1	81.1	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
[illegible]	[illegible]	81.3	81.7	82.[illegible]	82.[illegible]	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
[illegible]	83.5	84.5	85.4	85.8	85.8	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
[illegible]	84.4	85.6	86.8	87.4	87.4	87.7	88.1	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3
[illegible]	85.1	87.2	88.7	89.6	89.8	90.1	90.4	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6
[illegible]	85.[illegible]	87.3	88.8	89.7	89.9	90.2	90.5	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8
[illegible]	[illegible]	88.2	90.2	91.2	91.5	91.9	92.3	92.4	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7
[illegible]	[illegible]	89.3	90.3	91.5	91.8	92.3	92.6	92.8	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2
[illegible]	[illegible]	88.7	9[illegible].8	91.9	92.3	92.9	93.3	93.7	94.0	94.3	94.5	94.8	94.8	94.8	94.8	94.8
[illegible]	[illegible]	88.7	9[illegible].8	9[illegible].9	92.3	92.9	93.4	93.8	94.1	94.4	94.6	94.9	94.9	94.9	94.9	94.9
[illegible]	[illegible]	88.7	9[illegible].8	91.9	92.3	92.9	93.8	94.1	94.6	94.9	95.3	95.7	95.7	95.7	95.7	95.7
[illegible]	[illegible]	88.7	9[illegible].6	91.9	92.3	92.9	94.[illegible]	94.3	95.1	95.5	95.9	96.5	96.5	96.5	96.5	96.5
[illegible]	[illegible]	88.7	9[illegible].8	91.9	92.3	92.9	94.[illegible]	94.3	95.5	96.1	96.6	97.2	97.3	97.3	97.3	97.3
[illegible]	[illegible]	88.7	9[illegible].8	91.9	92.3	92.9	94.[illegible]	94.3	95.5	96.6	97.[illegible]	97.8	98.0	98.0	98.0	98.0
[illegible]	[illegible]	88.7	90.8	91.9	92.3	92.9	94.[illegible]	94.3	95.5	96.8	97.3	98.3	98.5	98.5	98.6	98.6
[illegible]	[illegible]	88.7	90.8	91.9	92.3	92.9	94.[illegible]	94.3	95.5	97.[illegible]	97.6	98.8	99.1	99.2	99.4	99.4
[illegible]	[illegible]	88.7	90.8	91.9	92.3	92.9	94.0	94.3	95.5	97.[illegible]	98.0	99.1	99.6	99.9	100.0	100.0
[illegible]	[illegible]	88.7	90.8	91.9	92.3	92.9	94.0	94.3	95.5	97.0	98.[illegible]	99.1	99.6	99.9	100.0	100.0
[illegible]	[illegible]	88.7	90.8	91.9	92.3	92.9	94.0	94.3	95.5	97.0	98.0	99.1	99.6	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 932

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

2

AL CLIMATOLOGY BRANCH
ETAC
AF SERVICE/MAC

CEILING VERSUS VISIBILITY

HILL AFB UT — 75-84 — MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	26	25	24	23	22	22	21	21	21	21	21	21	25/16	21	20
	37.1	37.7	37.8	37.8	37.8	38.0	38.1	38.1	38.1	38.2	38.2	38.2	39.2	38.2	38.2	38.2
44.2	45.2	45.5	45.6	45.6	45.6	45.7	45.8	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9
45.	46.7	46.9	46.8	46.8	46.9	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1
46.5	47.1	47.2	47.2	47.2	47.3	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5
49.6	50.2	50.3	50.3	50.3	50.4	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6
51.4	52.2	52.3	52.3	52.3	52.4	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6
54.7	55.7	55.9	56.0	56.2	56.5	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8
55.7	56.5	56.8	56.9	57.1	57.3	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6
59.4	60.2	60.5	60.6	60.9	61.2	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5
62.7	63.5	63.5	64.0	64.2	64.5	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8
65.1	66.	66.1	66.6	67.1	67.4	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
73.1	75.2	75.6	75.8	76.3	76.7	76.9	76.9	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2
79.	79.7	80.2	80.4	81.0	81.3	81.5	81.5	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8
82.3	84.5	85.3	85.6	86.2	86.6	86.9	86.9	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3
83.3	85.5	86.3	86.7	87.3	87.6	88.0	88.0	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4
83.9	87.2	88.3	88.7	89.7	90.2	90.4	90.4	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9
84.4	86.0	89.0	89.6	90.8	91.1	91.5	91.5	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9
84.7	88.8	90.0	90.9	92.0	92.4	93.2	93.4	93.5	93.9	94.1	94.2	94.2	94.2	94.2	94.2
84.	88.8	90.0	91.0	92.2	92.5	93.3	93.5	93.7	94.0	94.2	94.3	94.3	94.3	94.3	94.3
84.7	88.8	90.2	91.2	92.7	93.0	94.3	94.6	94.7	95.1	95.3	95.4	95.5	95.5	95.5	95.5
84.7	88.8	90.2	91.2	92.8	93.2	94.6	94.9	95.1	95.4	95.6	95.7	95.8	95.8	95.8	95.8
84.7	88.8	90.3	91.3	92.9	93.4	95.2	95.7	95.8	96.1	96.3	96.5	96.6	96.6	96.6	96.6
84.7	88.8	90.3	91.4	93.0	93.5	95.3	95.8	96.0	96.5	96.7	96.8	96.9	96.9	96.9	96.9
84.7	88.8	90.3	91.4	93.0	93.5	95.3	95.9	96.1	96.6	97.2	97.3	97.4	97.4	97.4	97.4
84.7	88.8	90.3	91.4	93.0	93.5	95.3	95.9	96.1	96.6	97.4	97.5	97.6	97.7	97.7	97.7
84.7	88.8	90.4	91.5	93.1	93.7	95.4	96.0	96.2	96.7	97.5	97.6	97.7	97.8	97.8	97.8
84.7	88.8	90.4	91.5	93.1	93.7	95.5	96.1	96.3	97.1	98.0	98.1	98.6	98.7	98.7	98.7
84.7	88.8	90.4	91.5	93.1	93.7	95.5	96.3	96.6	97.4	98.4	98.6	99.1	99.2	99.2	99.2
84.7	88.8	90.4	91.5	93.1	93.7	95.5	96.3	96.6	97.5	98.5	98.8	99.4	99.6	99.8	99.8
84.7	88.8	90.4	91.5	93.1	93.7	95.5	96.3	96.6	97.5	98.5	98.8	99.4	99.6	99.9	100.0
84.7	88.8	90.4	91.5	93.1	93.7	95.5	96.3	96.6	97.5	98.5	98.8	99.4	99.6	99.9	100.0
84.7	88.8	90.4	91.5	93.1	93.7	95.5	96.3	96.6	97.5	98.5	98.8	99.4	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

2

AL CLIMATOLOGY BRANCH
TAC
EAT SERVICE (MAC)

CEILING VERSUS VISIBILITY

HILL AFB UT — 75-84 — MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOUR 00-23

CEILING (FEET)	VISIBILITY STATUTE MILES															
	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	20
	44.5	45.5	45.8	46.0	45.9	46.1	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2
	50.4	50.5	50.5	50.5	50.6	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5
9000	50.7	51.0	51.9	51.9	52.0	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6
8000	52.4	52.4	52.7	52.7	52.8	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3
7000	54.1	54.9	55.3	55.3	55.4	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9
6000	57.0	57.6	58.2	58.2	58.3	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8
5000	60.7	61.5	61.9	61.9	62.0	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7
4000	62.4	62.8	63.2	63.2	63.3	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0
3000	65.3	66.1	66.6	66.6	66.8	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
2500	68.6	69.6	70.0	70.0	70.2	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
2000	70.4	71.6	72.0	72.0	72.4	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
1500	79.7	80.2	81.0	81.1	81.4	81.9	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
1000	83.9	83.2	84.0	84.1	84.4	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
900	86.5	86.2	87.2	87.3	87.6	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
800	87.4	86.9	88.1	88.2	88.5	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
700	88.7	88.5	89.9	90.2	90.9	91.4	91.5	91.5	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7
600	89.6	89.1	91.0	91.3	92.0	92.6	92.8	92.8	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0
500	89.6	89.8	91.7	92.3	93.1	93.8	94.1	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4
400	89.9	89.8	91.7	92.3	93.1	93.8	94.1	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4
300	89.9	89.9	92.0	92.6	93.4	94.1	94.8	94.6	94.6	94.9	95.2	95.3	95.3	95.3	95.3	95.3
200	89.9	89.9	92.0	92.6	93.4	94.1	94.8	94.6	94.6	95.1	95.3	95.4	95.4	95.4	95.4	95.4
100	90.2	90.2	92.7	93.7	94.2	94.9	95.5	95.8	95.8	96.3	96.6	96.7	96.8	96.8	96.8	96.8
90	90.1	90.2	92.8	93.5	94.4	95.2	95.7	96.0	96.0	96.6	96.8	96.9	97.0	97.0	97.0	97.0
80	90.1	90.2	92.8	93.8	94.8	95.6	96.3	96.7	96.7	97.2	97.5	97.6	97.7	97.7	97.7	97.7
70	90.1	90.2	92.8	93.8	94.9	95.7	96.5	96.8	96.8	97.4	97.7	97.8	98.1	98.1	98.1	98.1
60	90.1	90.2	92.8	93.9	95.1	95.8	96.6	96.9	96.9	97.5	97.8	98.0	98.2	98.2	98.2	98.2
50	90.1	90.2	92.8	93.9	95.1	95.8	96.6	96.9	96.9	97.5	97.8	98.0	98.2	98.2	98.2	98.2
40	90.1	90.2	92.8	93.9	95.1	95.8	96.6	96.9	96.9	97.6	98.3	98.8	98.7	98.7	98.7	98.7
30	90.1	90.2	92.8	93.9	95.1	95.8	96.6	96.9	96.9	98.0	98.7	98.9	99.2	99.2	99.4	99.6
20	90.1	90.2	92.8	93.9	95.1	95.8	96.7	97.0	97.0	98.2	98.9	99.1	99.5	99.5	99.6	99.9
10	90.1	90.2	92.6	93.9	95.1	95.8	96.7	97.0	97.0	98.2	98.9	99.1	99.5	99.6	99.7	100.0
0	90.1	90.2	92.8	93.9	95.1	95.8	96.7	97.0	97.0	98.2	98.9	99.1	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

2

AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

5 HILL AFB UT 75-84 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

01-06-2300

CEILING (FEET)	VISIBILITY STATUTE MILES															
	27	26	25	24	23	22	22	21	21	21	21	21	21	21 16	21	20
50000	49.1	49.5	49.5	49.5	49.5	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9
45000	51.7	53.1	53.2	53.2	53.2	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.7	53.7	53.7
40000	52.6	54.0	54.1	54.1	54.1	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.5
35000	53.1	54.6	54.7	54.7	54.7	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2
30000	54.5	56.0	56.1	56.1	56.1	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6
25000	56.7	58.2	58.3	58.3	58.3	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7
22000	60.2	61.8	62.2	62.2	62.3	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8
20000	61.2	62.9	63.2	63.2	63.3	63.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9
18000	66.5	68.2	68.5	68.5	68.6	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1
16000	69.5	71.2	71.5	71.5	71.6	71.6	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3
14000	73.5	74.2	73.5	73.5	73.7	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3
12000	77.1	79.6	79.9	80.0	80.1	80.1	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9
10000	79.0	81.6	82.2	82.3	82.4	82.4	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1
9000	81.8	83.7	84.2	84.3	84.4	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2
8000	83.6	84.6	85.2	85.3	85.5	85.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2
7000	87.4	87.6	88.9	89.1	89.4	89.4	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2
6000	88.8	88.1	89.7	89.9	90.3	90.3	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.3	91.3	91.3
5000	89.4	89.1	90.9	91.1	91.7	91.7	92.5	92.7	92.7	92.8	92.8	92.8	92.8	92.9	92.9	92.9
4500	89.4	89.1	90.9	91.1	91.7	91.7	92.5	92.7	92.7	92.8	92.8	92.8	92.8	92.9	92.9	92.9
4000	89.7	89.7	91.4	91.8	92.7	92.7	93.4	93.7	93.7	93.9	93.9	93.9	93.9	94.0	94.0	94.0
3500	89.7	89.7	91.4	91.8	92.7	92.7	93.4	93.7	93.7	93.9	93.9	93.9	93.9	94.0	94.0	94.0
3000	89.7	90.2	92.2	92.6	93.7	93.7	94.6	94.9	94.9	95.4	95.6	95.6	95.6	95.7	95.7	95.7
2500	89.7	90.2	92.2	92.6	93.7	93.7	94.6	94.9	94.9	95.4	95.6	95.6	95.6	95.7	95.7	95.7
2000	89.7	90.2	92.2	92.8	93.9	93.9	94.8	95.3	95.3	95.9	96.1	96.1	96.1	96.2	96.2	96.2
1800	89.9	90.4	92.4	93.0	94.2	94.2	95.4	95.8	95.8	96.5	96.7	96.7	96.8	96.9	96.9	96.9
1600	89.9	90.4	92.5	93.2	94.4	94.4	95.6	96.0	96.0	96.8	97.0	97.0	97.1	97.2	97.2	97.2
1500	89.9	90.4	92.5	93.2	94.4	94.4	95.8	96.2	96.2	97.1	97.4	97.4	97.5	97.6	97.6	97.6
1400	89.9	90.4	92.6	93.3	94.5	94.5	95.9	96.3	96.5	97.3	97.6	97.6	98.1	98.2	98.2	98.2
1300	89.9	90.4	92.6	93.3	94.5	94.5	95.9	96.3	96.5	97.8	98.2	98.2	98.6	98.8	98.8	98.8
1200	89.9	90.4	92.6	93.3	94.5	94.5	95.9	96.3	96.5	97.8	98.5	98.5	99.5	99.7	99.9	99.9
1000	89.9	90.4	92.6	93.3	94.5	94.5	95.9	96.3	96.5	97.8	98.5	98.5	99.5	99.7	99.9	100.0
0	89.9	90.4	92.6	93.3	94.5	94.5	95.9	96.3	96.5	97.8	98.5	98.5	99.5	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

2

[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
AT[illegible]ATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT [illegible] 75-84 [illegible] MAR [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	2[illegible]	26	25	24	23	22	21	21	21	21	21	21	21	25/16	21	20
[illegible] EILING	[illegible].2	[illegible]	44.2	44.2	44.2	44.3	44.4	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5
2 20000	[illegible].2	[illegible].9	49.1	49.2	49.2	49.3	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6
18000	[illegible]	[illegible].7	49.9	50.0	50.0	50.1	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4
2 16000	[illegible].4	50.2	50.4	50.4	50.5	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9	50.9	50.9
2 14000	[illegible]	51.7	51.9	51.9	52.0	52.1	52.2	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4
2 12000	[illegible].3	54.1	54.3	54.4	54.4	54.5	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
2 10000	[illegible]	56.[illegible]	58.2	58.3	58.4	58.5	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0
2 9000	[illegible]	58.9	59.2	59.2	59.4	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9
2 8000	62.9	63.8	64.1	64.2	64.4	64.5	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
2 7000	65.[illegible]	66.9	67.2	67.4	67.5	67.6	67.9	68.[illegible]	68.0	68.[illegible]	68.0	68.0	68.0	68.0	68.0	68.1
2 6000	68.6	69.8	70.1	70.3	70.5	70.6	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
2 5000	75.2	76.8	77.2	77.4	77.7	77.8	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3
2 4500	78.[illegible]	79.9	80.4	80.6	80.8	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5
2 4000	[illegible].6	[illegible].0	83.5	83.8	84.0	84.2	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8
2 3500	81.6	84.[illegible]	84.7	85.0	85.3	85.4	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.1
2 3000	[illegible]	86.2	87.2	87.6	88.0	88.2	88.6	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	89.0
2 2500	83.5	87.[illegible]	88.4	88.9	89.4	89.6	90.0	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.5
2 2000	[illegible].3	87.9	89.5	91.1	91.8	91.1	91.6	91.9	91.9	92.0	92.1	92.1	92.2	92.2	92.2	92.2
2 1800	84.[illegible]	87.9	89.6	9[illegible].2	91.0	91.2	91.7	92.[illegible]	92.1	92.2	92.2	92.3	92.3	92.4	92.4	92.4
2 1600	84.2	88.4	90.3	91.[illegible]	91.9	92.2	92.8	93.2	93.2	93.4	93.5	93.5	93.6	93.6	93.7	93.7
2 1400	84.2	88.4	90.3	91.1	92.1	92.4	93.1	93.4	93.5	93.7	93.8	93.9	94.0	94.0	94.0	94.0
2 1000	84.2	88.6	90.7	91.5	92.6	92.9	93.9	94.4	94.5	94.9	95.1	95.2	95.3	95.3	95.3	95.4
2 900	84.2	88.6	90.7	91.6	92.7	93.0	94.0	94.6	94.7	95.0	95.2	95.4	95.5	95.5	95.5	95.6
2 800	84.2	88.7	90.8	91.8	92.9	93.2	94.2	94.9	95.1	95.6	95.9	96.1	96.3	96.4	96.4	96.4
2 700	84.3	88.7	9[illegible].9	91.8	93.0	93.3	94.4	95.1	95.3	95.8	96.3	96.4	96.7	96.8	96.8	96.8
2 600	84.3	88.7	91.[illegible]	91.9	93.1	93.4	94.5	95.3	95.8	96.1	96.6	96.8	97.1	97.2	97.2	97.3
2 500	84.3	88.8	91.0	91.9	93.1	93.5	94.7	95.5	95.7	96.6	97.1	97.4	97.8	97.9	98.0	98.0
2 400	84.3	88.8	91.0	92.0	93.1	93.5	94.7	95.6	95.8	96.8	97.4	97.7	98.3	98.4	98.5	98.6
2 300	84.3	88.8	91.0	92.0	93.1	93.5	94.7	95.6	95.8	96.9	97.7	98.1	98.7	98.9	99.1	99.3
2 200	84.3	88.8	91.0	92.0	93.1	93.5	94.7	95.6	95.8	97.0	97.9	98.3	99.0	99.2	99.6	99.8
2 100	84.3	88.8	91.0	92.0	93.1	93.5	94.7	95.6	95.8	97.1	97.9	98.3	99.0	99.2	99.6	100.0
2 0	84.3	88.8	91.0	92.0	93.1	93.5	94.7	95.6	95.8	97.1	97.9	98.3	99.0	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7[illegible]

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

2

[illegible]AL CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]5 HILL AFB UT — STATION NAME — 75-84 — YEARS — APR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-2200

VISIBILITY STATUTE MILES

CEILING FEET	2[illegible]	26	25	24	23	22	22	21	21	21	2[illegible]	2[illegible]	2[illegible]	25 16	2[illegible]	20
[illegible]	[illegible]	59.9	59.9	59.9	[illegible]	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
[illegible]	62.6	62.6	62.6	62.6	[illegible]	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
[illegible]	[illegible]	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
[illegible]	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
[illegible]	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
[illegible]	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
[illegible]	70.4	70.4	70.4	[illegible]	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
[illegible]	[illegible]	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
[illegible]	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
[illegible]	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
[illegible]	[illegible]	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
[illegible]	86.2	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
[illegible]	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
[illegible]	89.7	[illegible]	90.2	[illegible]	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
[illegible]	89.9	[illegible]	[illegible]	[illegible]	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
[illegible]	91.2	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
[illegible]	92.1	[illegible]	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
[illegible]	92.7	95.0	95.3	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
[illegible]	93.7	95.0	95.3	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
[illegible]	94.1	95.6	96.4	96.7	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
[illegible]	94.3	95.8	96.3	97.0	97.0	97.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
[illegible]	94.3	96.0	96.6	97.3	97.3	97.6	97.7	97.9	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3
[illegible]	94.7	96.[illegible]	96.6	97.3	97.3	97.6	97.8	98.0	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4
[illegible]	94.3	96.1	96.7	97.6	97.6	97.8	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
[illegible]	94.3	96.1	96.7	97.7	97.7	97.9	98.2	98.4	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3
[illegible]	94.3	96.1	96.7	97.7	97.7	97.9	98.2	98.4	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3
[illegible]	94.3	96.1	96.8	97.9	97.9	98.1	98.4	98.7	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.6
[illegible]	94.3	96.1	96.8	97.9	97.9	98.2	98.6	98.8	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
[illegible]	94.3	96.1	96.8	97.9	97.9	98.[illegible]	[illegible].6	98.8	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
[illegible]	94.3	96.1	96.8	97.9	97.9	98.2	98.6	98.8	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
[illegible]	94.3	96.1	96.8	97.9	97.9	98.2	98.6	98.8	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
[illegible]	94.3	96.1	96.8	97.9	97.9	98.2	98.6	98.8	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 9[illegible]

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

2

[illegible]RAL CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT (STATION NAME) 75-84 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0300-0500~~ (HOUR (LST))

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
≥ 20000	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 18000	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 16000	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 14000	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 12000	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 10000	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 9000	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 8000	69.8	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	70.0	70.0
≥ 7000	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 6000	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 5000	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	86.1	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.2	87.2	87.2
≥ 4000	87.3	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.4	88.4	88.4	88.4	88.6	88.6	88.6
≥ 3500	88.3	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.1	90.1	90.1
≥ 3000	88.4	90.4	91.6	91.8	91.8	90.8	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.1	91.1	91.1
≥ 2500	89.4	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.2	93.2	93.3
≥ 2000	90.1	93.2	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.3	94.3	94.4
≥ 1800	90.6	93.4	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.9	94.9	95.0
≥ 1500	90.6	93.6	94.4	94.8	94.9	94.9	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.3	95.3	95.4
≥ 1200	90.6	93.6	94.6	94.6	95.0	95.0	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.4	95.4	95.6
≥ 1000	90.6	93.6	94.7	94.7	95.8	95.8	95.7	95.9	95.9	96.2	96.4	96.4	96.4	96.6	96.6	96.7
≥ 900	90.6	93.7	94.8	94.8	95.6	95.6	95.8	96.0	96.0	96.3	96.7	96.7	96.7	96.8	96.8	96.9
≥ 800	90.6	93.9	95.1	95.1	96.0	96.0	96.6	96.9	96.9	97.2	97.6	97.6	97.6	97.7	97.7	97.8
≥ 700	90.6	93.9	95.1	95.1	96.0	96.0	96.6	96.9	96.9	97.2	97.7	97.8	97.8	97.9	97.9	98.0
≥ 600	90.6	93.9	95.1	95.1	96.0	96.0	96.6	97.0	97.0	97.4	98.0	98.1	98.1	98.2	98.2	98.3
≥ 500	90.6	93.9	95.1	95.1	96.1	96.1	96.7	97.2	97.2	97.8	98.4	98.6	98.6	98.7	98.7	98.8
≥ 400	90.6	93.9	95.1	95.1	96.2	96.2	96.8	97.4	97.8	98.0	98.8	98.9	98.9	99.0	99.0	99.1
≥ 300	90.6	93.9	95.1	95.1	96.3	96.3	96.9	97.6	97.6	98.1	98.9	99.0	99.2	99.4	99.4	99.7
≥ 200	90.6	93.9	95.1	95.1	96.3	96.3	96.9	97.6	97.6	98.1	98.9	99.1	99.6	99.8	99.8	100.0
≥ 100	90.6	93.9	95.1	95.1	96.3	96.3	96.9	97.6	97.6	98.1	98.9	99.1	99.6	99.8	99.8	100.0
≥ 0	90.6	93.9	95.1	95.1	96.3	96.3	96.9	97.6	97.6	98.1	98.9	99.1	99.6	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

2

[illegible]AL CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT — STATION NAME — 75-84 — YEARS — APR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-[illegible] — HOUR (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
[illegible]	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
[illegible]	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
[illegible]	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
[illegible]	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
[illegible]	[illegible].4	[illegible].4	61.4	61.6	61.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
[illegible]	63.3	63.3	63.3	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
[illegible]	69.2	69.2	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.7	69.7	69.7
[illegible]	69.7	69.7	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.1	70.1	70.1	70.1
[illegible]	73.3	73.4	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.9	73.9	73.9
[illegible]	77.1	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.7	77.7	77.7	77.7
[illegible]	80.7	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.3	81.3	81.3	81.3
[illegible]	85.2	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	86.1	86.1	86.1	86.1
[illegible]	86.9	87.2	87.2	87.3	87.4	87.4	87.6	87.6	87.6	87.7	87.7	87.7	87.9	87.9	87.9	87.9
[illegible]	89.2	89.8	89.8	89.9	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.4	90.4	90.4	90.4
[illegible]	89.8	[illegible]	[illegible]	91.7	[illegible]	90.9	91.0	91.0	91.1	91.2	91.2	91.2	91.4	91.4	91.4	91.4
[illegible]	90.9	91.6	91.9	92.2	92.6	92.6	92.7	92.7	92.8	92.9	92.9	92.9	93.1	93.1	93.1	93.1
[illegible]	91.9	91.9	92.4	92.9	93.2	93.2	93.3	93.3	93.4	93.6	93.6	93.6	93.8	93.8	93.8	93.8
[illegible]	91.1	92.6	93.2	93.8	94.1	94.1	94.3	94.4	94.6	94.7	94.7	94.7	94.9	94.9	94.9	94.9
[illegible]	91.1	92.6	93.3	94.0	94.3	94.3	94.6	94.7	94.8	94.9	94.9	94.9	95.1	95.1	95.1	95.1
[illegible]	91.1	92.7	93.7	94.3	94.7	94.7	94.9	95.0	95.2	95.3	95.3	95.3	95.6	95.6	95.6	95.6
[illegible]	91.1	[illegible]	93.9	94.6	94.9	94.9	95.1	95.2	95.4	95.8	95.8	95.9	96.1	96.1	96.1	96.1
[illegible]	91.2	93.1	94.2	94.9	95.4	95.4	95.7	95.8	96.0	96.6	96.7	96.8	97.0	97.0	97.0	97.0
[illegible]	91.2	93.1	94.2	94.9	95.4	95.4	95.7	95.8	96.0	96.6	96.7	96.8	97.0	97.0	97.0	97.0
[illegible]	91.2	93.1	94.3	95.1	95.8	95.8	96.1	96.4	96.7	97.3	97.8	97.6	97.8	97.8	97.8	97.8
[illegible]	91.2	93.1	94.3	95.1	95.9	95.9	96.3	96.7	96.9	97.6	97.7	97.8	98.1	98.1	98.1	98.1
[illegible]	91.2	93.1	94.3	95.1	95.9	95.9	96.3	96.7	96.9	97.6	97.7	97.8	98.1	98.3	98.3	98.3
500	91.2	93.1	94.3	95.1	95.9	95.9	96.3	96.9	97.1	98.0	98.2	98.3	98.8	99.1	99.1	99.1
400	91.2	93.1	94.3	95.1	95.9	95.9	96.3	96.9	97.2	98.2	98.4	98.6	99.0	99.3	99.3	99.3
300	91.2	93.1	94.3	95.1	95.9	95.9	96.3	97.[illegible]	97.3	98.3	98.6	98.7	99.2	99.6	99.6	99.6
200	91.2	93.1	94.3	95.1	95.9	95.9	96.3	97.0	97.3	98.3	98.7	98.8	99.3	99.7	100.0	100.0
100	91.2	93.1	94.3	95.1	95.9	95.9	96.3	97.0	97.3	98.3	98.7	98.8	99.3	99.7	100.0	100.0
0	91.2	93.1	94.3	95.1	95.9	95.9	96.3	97.0	97.3	98.3	98.7	98.8	99.3	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

2

[illegible]RAL CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2[illegible]5 HILL AFB UT (STATION NAME) 75-84 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0000-1100~~ (HOUR LST)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	27	26	25	24	23	22	22	21	21	21	2[illegible]	2[illegible]	2[illegible]	25/16	2[illegible]	20
[illegible]	57.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
[illegible]	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	58.7
8000	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
6000	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
4000	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
2000	64.[illegible]	64.[illegible]	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
0000	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.9	68.9	68.9	68.9
9000	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.2	70.2	70.2	70.2
8000	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	74.0	74.0	74.0	74.0
7000	75.7	7[illegible].9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.3	76.3	76.3	76.3
6000	78.3	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.0	79.0	79.0	79.0
5000	81.9	8[illegible].2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.7	82.7	82.7	82.7
4500	84.9	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.8	85.8	85.8	85.8
4000	86.8	87.4	87.7	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.2	88.2	88.2	88.2
3500	88.4	89.2	89.6	89.6	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.2	90.2	90.2	90.2
3000	89.8	9[illegible].9	91.3	91.3	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.0	92.0	92.0
2500	90.0	91.4	92.2	92.2	92.4	92.6	92.7	92.7	92.8	92.8	92.8	92.8	93.1	93.1	93.1	93.1
2000	90.3	92.1	93.0	93.0	93.8	94.[illegible]	94.1	94.2	94.3	94.3	94.4	94.4	94.8	94.8	94.8	94.8
1800	90.3	92.1	93.1	93.6	93.9	94.1	94.2	94.3	94.4	94.4	94.6	94.6	94.9	94.9	94.9	94.9
1500	90.4	92.6	93.7	94.2	94.6	94.8	94.9	95.0	95.1	95.2	95.3	95.3	95.7	95.7	95.7	95.7
1200	90.4	92.6	93.7	94.2	94.7	94.9	95.0	95.2	95.3	95.4	95.6	95.6	95.9	95.9	95.9	95.9
1000	90.6	92.6	93.7	94.2	94.7	95.1	95.3	95.7	95.8	96.0	96.3	96.3	96.7	96.7	96.7	96.8
900	90.6	92.6	93.7	94.2	94.8	95.2	95.6	95.9	96.0	96.2	96.6	96.6	96.9	96.9	96.9	97.0
800	90.8	92.8	94.0	94.6	95.2	95.7	96.0	96.4	96.6	96.8	97.1	97.1	97.6	97.6	97.6	97.7
700	90.8	92.8	94.0	94.6	95.2	95.7	96.1	96.6	96.7	96.9	97.3	97.3	97.8	97.8	97.8	97.9
600	90.8	92.8	94.0	94.6	95.2	95.7	96.1	96.6	96.7	97.1	97.6	97.6	98.1	98.1	98.1	98.2
500	90.8	92.8	94.0	94.6	95.2	95.7	96.1	96.6	96.8	97.3	97.9	97.9	98.7	98.7	98.7	98.6
400	90.8	92.8	94.0	94.6	95.2	95.7	96.1	96.6	96.8	97.4	98.0	98.0	98.9	98.9	99.0	99.1
300	90.8	92.8	94.0	94.6	95.2	95.7	96.1	96.6	96.8	97.6	98.1	98.1	99.0	99.0	99.2	99.3
200	90.8	92.8	94.0	94.6	95.2	95.7	96.1	96.6	96.8	97.6	98.1	98.1	99.0	99.1	99.7	99.8
100	90.8	92.8	94.0	94.6	95.2	95.7	96.1	96.6	96.8	97.6	98.1	98.1	99.0	99.1	99.8	99.9
0	90.8	92.8	94.0	94.6	95.2	95.7	96.1	96.6	96.8	97.6	98.1	98.1	99.0	99.1	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

2

[illegible]AL CLIMATOLOGY BRANCH
[illegible]TAC
A[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]5 HILL AFB UT (STATION NAME) 75-84 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-1400

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
[illegible]	[illegible]	[illegible]	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	[illegible]	[illegible]	[illegible]	50.3
[illegible]	[illegible]	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
[illegible]	[illegible]	[illegible]	60.3	60.3	[illegible]	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
[illegible]	[illegible]	[illegible]	60.3	60.3	[illegible]	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
[illegible]	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
[illegible]	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
[illegible]	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
[illegible]	[illegible]	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
[illegible]	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
[illegible]	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
[illegible]	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
[illegible]	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
[illegible]	85.3	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
[illegible]	88.4	88.6	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
[illegible]	90.0	[illegible]	90.7	90.7	[illegible]	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
[illegible]	91.4	92.4	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.8	93.6	93.6	93.6	93.6	93.6
[illegible]	[illegible]	93.2	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.4	94.4	94.4	94.4	94.4
[illegible]	92.0	93.8	95.0	95.3	95.4	95.4	95.4	95.4	95.6	95.8	95.9	95.9	95.9	95.9	95.9
[illegible]	92.0	93.8	95.0	95.4	95.6	95.6	95.6	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0
[illegible]	92.0	94.1	95.3	95.8	95.9	96.1	96.2	96.2	96.3	96.7	96.8	96.8	96.8	96.8	96.8
[illegible]	92.2	94.3	95.6	96.0	96.1	96.3	96.4	96.4	96.6	96.9	97.0	97.0	97.0	97.0	97.0
[illegible]	92.2	94.4	95.7	96.3	96.6	96.8	97.0	97.2	97.4	97.9	98.3	98.3	98.3	98.3	98.3
[illegible]	92.2	94.4	95.9	96.6	96.8	97.0	97.2	97.4	97.7	98.1	98.7	98.7	98.7	98.7	98.7
[illegible]	92.2	94.4	95.9	96.6	96.8	97.0	97.2	97.4	97.7	98.1	98.7	98.7	98.8	98.8	98.8
[illegible]	92.2	94.4	95.9	96.6	96.9	97.1	97.3	97.6	97.8	98.2	98.8	98.8	98.9	98.9	98.9
[illegible]	92.2	94.4	95.9	96.6	96.9	97.1	97.3	97.6	97.8	98.2	98.8	98.9	99.0	99.0	99.0
[illegible]	92.2	94.4	95.9	96.6	96.9	97.1	97.3	97.6	97.9	98.3	99.1	99.3	99.4	99.4	99.4
[illegible]	92.2	94.4	95.9	96.6	96.9	97.1	97.3	97.6	97.9	98.3	99.2	99.4	99.6	99.6	99.7
300	92.2	94.4	95.9	96.6	96.9	97.1	97.3	97.6	97.9	98.3	99.2	99.6	99.7	99.7	99.8
200	92.2	94.4	95.9	96.6	96.9	97.1	97.3	97.6	97.9	98.3	99.2	99.6	99.7	99.7	100.0
100	92.2	94.4	95.9	96.6	96.9	97.1	97.3	97.6	97.9	98.3	99.2	99.6	99.7	99.7	100.0
0	92.2	94.4	95.9	96.6	96.9	97.1	97.3	97.6	97.9	98.3	99.2	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

2

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB, UT (STATION NAME) 75-84 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
[illegible]	[illegible]	[illegible]	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	[illegible]	50.2	[illegible]	50.2
≥ 20000	[illegible]	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 8000	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	62.6
≥ 6000	62.5	62.5	62.9	62.9	62.9	62.5	62.9	62.9	62.9	62.5	62.9	62.9	62.9	62.9	62.9	62.9
≥ 4000	64.4	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 2000	67.3	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 1000	[illegible]	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 900	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 8000	75.1	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 7000	77.6	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 6000	[illegible]	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	85.3	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4500	88.[illegible]	88.6	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
≥ 4000	91.4	91.[illegible]	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	91.2	92.[illegible]	92.[illegible]	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
≥ 3000	91.5	93.2	93.3	93.7	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2500	92.4	93.5	94.[illegible]	94.3	94.4	94.4	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	92.4	94.0	94.2	94.7	94.8	94.8	94.9	95.[illegible]	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2
≥ 1800	92.4	94.0	94.2	94.9	95.0	95.0	95.1	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 1500	92.7	94.6	94.9	95.7	95.8	95.8	96.0	96.1	96.1	96.2	96.3	96.3	96.4	96.4	96.4	96.4
≥ 1200	92.7	94.9	95.2	96.0	96.1	96.1	96.3	96.4	96.4	96.6	96.7	96.7	96.8	96.8	96.8	96.8
≥ 1000	92.7	94.9	95.3	96.1	96.2	96.9	96.7	96.9	96.9	97.1	97.2	97.2	97.6	97.6	97.6	97.6
≥ 900	92.7	94.9	95.3	96.2	96.3	96.6	96.8	97.0	97.0	97.2	97.3	97.3	97.8	97.8	97.8	97.8
≥ 800	92.7	94.9	95.3	96.3	96.6	96.8	97.2	97.4	97.4	97.7	97.8	97.8	98.3	98.3	98.3	98.3
≥ 700	92.7	94.9	95.3	96.3	96.6	96.8	97.2	97.4	97.4	97.7	97.8	98.0	98.7	98.8	98.8	98.8
≥ 600	92.7	94.9	95.3	96.3	96.6	96.8	97.2	97.4	97.4	97.7	97.9	98.3	99.0	99.2	99.2	99.2
≥ 500	92.7	95.0	95.4	96.4	96.7	96.9	97.3	97.6	97.6	97.8	98.0	98.4	99.1	99.3	99.3	99.3
≥ 400	92.7	95.0	95.4	96.4	96.7	96.9	97.3	97.6	97.6	97.8	98.1	98.6	99.3	99.6	99.6	99.6
≥ 300	92.7	95.0	95.4	96.4	96.7	96.9	97.3	97.6	97.6	97.8	98.1	98.6	99.3	99.6	99.7	99.7
≥ 200	92.7	95.0	95.4	96.4	96.7	96.9	97.3	97.6	97.6	97.8	98.1	98.6	99.4	99.7	99.9	99.9
≥ 100	92.7	95.0	95.4	96.4	96.7	96.9	97.3	97.6	97.6	97.8	98.1	98.6	99.6	99.8	100.0	100.0
≥ 0	92.7	95.[illegible]	95.4	96.4	96.7	96.9	97.3	97.6	97.6	97.8	98.1	98.6	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

2

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB [illegible] 75-84 [illegible] APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] 0-2000

VISIBILITY STATUTE MILES

[illegible]	[illegible]	26	25	24	23	22	22	21	21	21	2[illegible]	2[illegible]	2[illegible]	2 5/16	2[illegible]	20
[illegible]	[illegible]	[illegible]	[illegible]	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
[illegible]	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
[illegible]	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	59.2
[illegible]	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
[illegible]	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
[illegible]	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
[illegible]	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
[illegible]	73.8	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
[illegible]	77.4	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
[illegible]	81.7	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
[illegible]	86.3	86.8	87.[illegible]	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
[illegible]	89.8	89.4	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
[illegible]	[illegible]	[illegible]	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
[illegible]	91.6	91.7	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
[illegible]	92.2	92.7	93.3	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
[illegible]	93.7	93.3	94.2	94.4	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
[illegible]	93.0	93.8	94.8	95.0	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
[illegible]	93.0	93.8	94.9	95.1	95.4	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
[illegible]	93.3	94.3	95.6	95.9	96.4	96.4	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
[illegible]	93.3	94.3	95.6	95.9	96.6	96.7	96.9	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1
[illegible]	93.3	94.3	95.7	96.0	96.8	97.0	97.4	97.7	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1
[illegible]	93.3	94.3	95.7	96.[illegible]	96.8	97.0	97.4	97.7	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1
[illegible]	93.3	94.3	95.7	96.[illegible]	96.8	97.[illegible]	97.4	97.7	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3
[illegible]	93.3	94.3	95.7	96.[illegible]	96.8	97.[illegible]	97.4	97.7	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3
[illegible]	93.3	94.3	95.7	96.[illegible]	96.8	97.[illegible]	97.4	97.7	97.7	98.0	98.4	98.4	98.4	98.6	98.6	98.6
[illegible]	93.3	94.3	95.7	96.0	96.9	97.1	97.6	97.9	97.9	98.4	98.9	99.0	99.1	99.2	99.3	99.3
[illegible]	93.3	94.3	95.7	96.0	97.0	97.2	97.7	98.0	98.0	98.7	99.1	99.2	99.3	99.4	99.6	99.6
[illegible]	93.3	94.3	95.7	96.0	97.0	97.2	97.7	98.0	98.0	98.7	99.1	99.2	99.3	99.4	99.8	99.8
[illegible]	93.3	94.3	95.7	96.0	97.0	97.2	97.7	98.0	98.0	98.7	99.2	99.3	99.4	99.6	99.9	99.9
[illegible]	93.3	94.3	95.7	96.0	97.0	97.2	97.7	98.0	98.0	98.7	99.2	99.3	99.4	99.6	99.9	100.0
[illegible]	93.3	94.3	95.7	96.0	97.0	97.2	97.7	98.0	98.0	98.7	99.2	99.3	99.4	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

2

[illegible]AL CLIMATOLOGY BRANCH
[illegible]AC
[illegible]EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT — 75-84 — APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-23CC

CEILING FEET	VISIBILITY STATUTE MILES															
	20	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2
[illegible]	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
[illegible]	[illegible]	[illegible]	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
[illegible]	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
[illegible]	[illegible]	[illegible]	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
[illegible]	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
[illegible]	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
[illegible]	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
[illegible]	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
[illegible]	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
[illegible]	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
[illegible]	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
[illegible]	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
[illegible]	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
[illegible]	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
[illegible]	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
[illegible]	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
[illegible]	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
[illegible]	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
800	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
700	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
600	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
500	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
400	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
300	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
200	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	97.8
100	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	98.1
0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 900

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

2

[illegible] CLIMATOLOGY BRANCH
[illegible] ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT — STATION NAME — 75-84 — YEARS — APR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL — HOUR

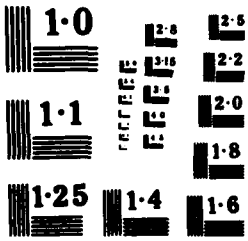
CEILING (FEET)	VISIBILITY STATUTE MILES															
	30	26	25	24	23	22	22	21	21	21	21	21	21	23 16	21	20
[illegible]	[illegible]	[illegible]	57.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
[illegible]	[illegible]	[illegible]	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
[illegible]	[illegible]	[illegible]	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
[illegible]	[illegible]	[illegible]	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7
[illegible]	[illegible]	61.9	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
[illegible]	[illegible]	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
[illegible]	[illegible]	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5
[illegible]	[illegible]	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
[illegible]	[illegible]	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
[illegible]	[illegible]	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5
[illegible]	[illegible]	[illegible]	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9
[illegible]	[illegible]	89.6	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1
[illegible]	[illegible]	[illegible]	[illegible]	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2
[illegible]	[illegible]	[illegible]	92.5	92.7	92.8	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1
[illegible]	[illegible]	92.7	93.4	93.6	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1
[illegible]	93.2	93.4	94.3	94.6	94.8	94.9	95.0	95.0	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3
[illegible]	93.2	93.4	94.4	94.7	95.0	95.0	95.1	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4
[illegible]	93.3	93.8	94.8	95.3	95.6	95.7	95.8	95.9	95.9	96.1	96.2	96.2	96.2	96.3	96.3	96.3
[illegible]	93.4	93.9	95.0	95.4	95.8	95.9	96.0	96.1	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.6
[illegible]	93.4	94.0	95.1	95.6	96.2	96.3	96.6	96.8	96.9	97.2	97.4	97.4	97.5	97.5	97.5	97.6
[illegible]	93.4	94.0	95.2	95.7	96.2	96.4	96.7	96.9	97.0	97.3	97.5	97.5	97.7	97.7	97.7	97.7
[illegible]	93.4	94.1	95.3	95.8	96.5	96.6	97.0	97.3	97.4	97.7	98.0	98.0	98.1	98.2	98.2	98.2
[illegible]	93.4	94.1	95.3	95.8	96.5	96.7	97.1	97.3	97.4	97.8	98.1	98.2	98.4	98.4	98.4	98.4
[illegible]	93.4	94.1	95.3	95.8	96.5	96.7	97.1	97.3	97.4	97.9	98.2	98.3	98.5	98.6	98.6	98.7
[illegible]	93.4	94.1	95.3	95.9	96.6	96.8	97.1	97.5	97.6	98.2	98.6	98.7	99.0	99.1	99.1	99.1
[illegible]	93.4	94.1	95.3	95.9	96.6	96.8	97.2	97.6	97.7	98.3	98.8	98.9	99.2	99.3	99.4	99.4
[illegible]	93.4	94.1	95.3	95.9	96.6	96.8	97.2	97.6	97.8	98.4	98.9	99.1	99.4	99.5	99.6	99.7
[illegible]	93.4	94.1	95.3	95.9	96.6	96.8	97.2	97.6	97.8	98.4	99.0	99.1	99.5	99.6	99.9	99.9
[illegible]	93.4	94.1	95.3	95.9	96.6	96.8	97.2	97.6	97.8	98.4	99.0	99.1	99.5	99.7	99.9	100.0
[illegible]	93.4	94.1	95.3	95.9	96.6	96.8	97.2	97.6	97.8	98.4	99.0	99.1	99.5	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

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

AD A147 184 HILL AFB UTAH REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS (RU..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. SEP 84 3/6

UNCLASSIFIED USAFETAC/DS 84/029 SBI-AD-E850 746 F/G 4/2 NL


1·0
2·8
3·15
2·5
2·2
1·1
2·0
1·8
1·25
1·4
1·6

2

CLIMATOLOGY BRANCH

WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

5 HILL AFB UT (STATION NAME) 75-84 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
≥ 20000	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 18000	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	61.5
≥ 16000	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 14000	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 12000	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	63.0
≥ 10000	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 9000	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 8000	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 7000	79.5	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
≥ 6000	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 5000	85.4	85.9	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
≥ 4500	89.1	90.3	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4000	91.3	92.8	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3500	92.7	94.1	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	94.8
≥ 3000	93.1	95.3	95.7	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1
≥ 2500	94.1	96.6	97.1	97.1	97.8	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6
≥ 2000	94.2	97.0	97.7	97.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
≥ 1800	94.2	97.1	98.0	98.0	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
≥ 1500	94.2	97.1	98.0	98.0	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
≥ 1200	94.2	97.4	98.3	98.4	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 1000	94.2	97.4	98.3	98.4	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 900	94.2	97.7	98.6	98.7	99.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 800	94.2	97.7	98.6	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 700	94.2	97.7	98.6	98.7	99.8	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 600	94.2	97.7	98.6	98.7	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 500	94.2	97.7	98.7	98.8	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 400	94.2	97.7	98.7	98.8	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 300	94.2	97.7	98.7	98.8	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 200	94.2	97.7	98.7	98.8	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 100	94.2	97.7	98.7	98.8	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	100.0
≥ 0	94.2	97.7	98.7	98.8	99.5	99.5	99.6	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 0-14-5 (DL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2 [illegible]RAL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISILITY

2[illegible]5 HILL AFB UT (STATION NAME) 75-84 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

700-0500 (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	56.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 20000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 18000	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 16000	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 14000	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 12000	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 10000	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 9000	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 8000	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 7000	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 6000	83.[illegible]	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 5000	87.1	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4500	9[illegible].0	91.2	91.3	91.3	9[illegible].3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000	91.2	92.7	93.1	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
≥ 3500	91.8	93.4	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
≥ 3000	93.9	96.[illegible]	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	94.2	96.7	97.2	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
≥ 2000	94.2	96.8	97.4	97.7	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	94.2	96.8	97.4	97.7	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	94.3	97.1	97.7	98.1	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	94.3	97.1	97.8	98.2	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	94.3	97.2	98.3	98.6	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	94.3	97.2	98.3	98.6	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	94.3	97.2	98.3	98.6	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	94.3	97.2	98.3	98.6	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	94.3	97.2	98.3	98.7	99.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	94.4	97.3	98.4	98.8	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	94.4	97.3	98.4	98.8	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	94.4	97.3	98.4	98.8	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	94.4	97.3	98.4	98.8	99.4	99.4	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	94.4	97.3	98.4	98.8	99.4	99.4	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	94.4	97.3	98.4	98.8	99.4	99.4	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

2

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 DEC 65 (STATION NUMBER) HILL AFB UT (STATION NAME) 75-84 (YEARS) MAY (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	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 20000	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 16000	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 14000	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 12000	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 10000	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 9000	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	85.1	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4500	88.4	88.9	89.0	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
≥ 4000	91.8	92.7	92.9	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	92.[illegible]	93.2	93.7	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	92.5	94.3	95.2	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	93.2	94.7	95.9	96.2	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000	93.2	94.7	96.0	96.5	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1
≥ 1800	93.2	94.7	96.0	96.5	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1
≥ 1500	93.3	94.8	96.1	96.9	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5
≥ 1200	93.3	94.8	96.1	96.9	97.3	97.3	97.5	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8
≥ 1000	93.3	94.9	96.5	97.2	97.6	97.6	98.1	98.3	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5
≥ 900	93.3	94.9	96.5	97.2	97.6	97.6	98.1	98.3	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5
≥ 800	93.3	95.1	96.6	97.3	97.7	97.7	98.2	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6
≥ 700	93.3	95.2	96.7	97.4	97.8	97.8	98.3	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 600	93.3	95.2	96.7	97.4	97.8	97.8	98.3	98.6	98.6	98.7	98.8	99.0	99.0	99.0	99.0	99.0
≥ 500	93.3	95.2	96.7	97.4	97.8	97.8	98.3	98.6	98.6	98.7	99.0	99.1	99.1	99.1	99.2	99.2
≥ 400	93.3	95.2	96.7	97.4	97.8	97.8	98.3	98.6	98.6	98.7	99.0	99.1	99.1	99.1	99.4	99.4
≥ 300	93.3	95.2	96.7	97.4	97.8	97.8	98.3	98.6	98.7	98.8	99.1	99.2	99.2	99.2	99.5	99.5
≥ 200	93.3	95.2	96.7	97.4	97.8	97.8	98.3	98.6	98.7	98.8	99.1	99.2	99.2	99.2	99.5	99.7
≥ 100	93.3	95.2	96.7	97.4	97.8	97.8	98.3	98.6	98.7	98.8	99.1	99.2	99.2	99.2	99.6	100.0
≥ 0	93.3	95.2	96.7	97.4	97.8	97.8	98.3	98.6	98.7	98.8	99.1	99.2	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 910

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

AL CLIMATOLOGY BRANCH
ETAC
AT FOR SERVICE/MAC

CEILING VERSUS VISIBILITY

2-5 HILL AFB UT — 75-84 YEARS — MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0
NO CEILING	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 15000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 10000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 7000	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 5000	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 4000	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1500	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
≥ 1000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 900	88.8	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 800	91.2	91.5	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
≥ 700	91.9	91.9	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 600	93.1	93.1	94.2	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 500	93.0	93.7	94.9	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 400	93.2	93.9	95.3	96.0	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 300	93.3	94.0	95.4	96.1	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 200	93.4	94.1	95.6	96.3	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 100	93.7	94.4	96.2	97.0	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 0	93.7	94.4	96.2	97.4	98.1	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
	93.7	94.4	96.2	97.4	98.1	98.2	98.4	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7
	93.7	94.5	96.3	97.5	98.2	98.3	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8
	93.7	94.5	96.3	97.5	98.2	98.3	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8
	93.7	94.5	96.3	97.5	98.3	98.4	98.6	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0
	93.7	94.5	96.3	97.5	98.3	98.4	98.6	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0
	93.7	94.5	96.3	97.5	98.3	98.4	98.6	98.7	98.7	98.8	98.9	98.9	99.1	99.1	99.4
	93.7	94.5	96.3	97.5	98.3	98.4	98.6	98.7	98.7	98.8	98.9	98.9	99.1	99.1	100.0
	93.7	94.5	96.3	97.5	98.3	98.4	98.6	98.7	98.7	98.8	98.9	98.9	99.1	99.1	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
USETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 (YEARS) HILL AFB UT (STATION NAME) 75-84 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-0-1MCC (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 20000	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
≥ 18000	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 16000	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 14000	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 12000	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 10000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 9000	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 8000	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
≥ 7000	75.5	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
≥ 6000	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 5000	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4500	88.8	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4000	91.5	91.8	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3500	91.7	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3000	92.6	94.2	94.4	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
≥ 2500	93.8	95.2	95.4	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	94.0	95.5	95.9	96.6	96.8	96.8	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	94.0	95.5	95.9	96.6	96.8	96.8	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	94.2	95.8	96.5	97.1	97.3	97.4	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	94.2	95.8	96.7	97.4	97.6	97.7	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	94.2	95.8	96.7	97.4	98.1	98.2	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	94.2	95.8	96.7	97.4	98.1	98.2	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	94.2	95.9	96.8	97.5	98.2	98.3	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	94.2	95.9	96.9	97.6	98.4	98.5	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	94.2	95.9	96.9	97.6	98.5	98.6	98.9	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	94.2	95.9	96.9	97.6	98.6	98.7	99.0	99.2	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7
≥ 400	94.2	95.9	96.9	97.6	98.6	98.7	99.0	99.2	99.4	99.5	99.5	99.5	99.8	99.8	99.8	99.8
≥ 300	94.2	95.9	96.9	97.6	98.6	98.7	99.0	99.2	99.4	99.5	99.5	99.6	99.9	99.9	99.9	99.9
≥ 200	94.2	95.9	96.9	97.6	98.6	98.7	99.0	99.2	99.4	99.5	99.5	99.6	99.9	99.9	100.0	100.0
≥ 100	94.2	95.9	96.9	97.6	98.6	98.7	99.0	99.2	99.4	99.5	99.5	99.6	99.9	99.9	100.0	100.0
≥ 0	94.2	95.9	96.9	97.6	98.6	98.7	99.0	99.2	99.4	99.5	99.5	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible] TAC
[illegible] OF SERVICES/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT (STATION NAME) 75-84 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15 0-17 00 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
≥ UNL	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	51.2	51.2
≥ 20000	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 18000	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
≥ 16000	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 14000	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 12000	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 10000	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 9000	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 8000	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 7000	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000	85.[illegible]	85.4	85.5	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 5000	91.7	91.[illegible]	91.1	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500	92.4	92.6	92.7	92.7	9[illegible].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.[illegible]	94.4	94.5	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3500	94.4	94.8	94.9	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	95.2	96.2	96.6	96.8	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	95.3	96.4	96.9	97.2	97.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	95.6	96.9	97.3	97.6	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	95.6	96.9	97.3	97.6	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	95.8	97.2	97.7	98.1	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	95.8	97.4	98.0	98.3	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	95.8	97.4	98.0	98.3	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	95.8	97.4	98.0	98.3	98.9	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	95.8	97.4	98.0	98.3	98.9	99.0	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	95.8	97.4	98.0	98.3	98.9	99.0	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	95.8	97.4	98.0	98.3	98.9	99.0	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	95.8	97.4	98.0	98.3	98.9	99.0	99.2	99.5	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	95.8	97.4	98.0	98.3	98.9	99.0	99.2	99.5	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	95.8	97.4	98.0	98.3	98.9	99.0	99.2	99.5	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	95.8	97.4	98.0	98.3	98.9	99.0	99.2	99.5	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	95.8	97.4	98.0	98.3	98.9	99.0	99.2	99.5	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	95.8	97.4	98.0	98.3	98.9	99.0	99.2	99.5	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT — STATION NAME — 75-84 — YEARS — MAY — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1500-2000~~ 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	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
≥ 20000	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 18000	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 16000	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
≥ 14000	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 12000	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
≥ 10000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 9000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 8000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 7000	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 6000	88.5	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
≥ 5000	91.9	92.2	92.7	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4500	93.1	93.4	94.0	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4000	94.6	95.1	96.1	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3500	94.8	95.5	96.4	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3000	95.7	96.7	97.7	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500	95.9	96.9	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	95.9	97.0	98.1	98.3	98.3	98.3	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	95.9	97.0	98.2	98.4	98.4	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	95.9	97.0	98.3	98.5	98.5	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	95.9	97.1	98.5	98.7	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	95.9	97.1	98.5	98.7	99.0	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	95.9	97.1	98.5	98.7	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	95.9	97.1	98.5	98.7	99.2	99.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	95.9	97.1	98.5	98.7	99.2	99.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	95.9	97.1	98.5	98.7	99.2	99.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	95.9	97.1	98.5	98.7	99.2	99.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.9	97.1	98.5	98.7	99.2	99.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.9	97.1	98.5	98.7	99.2	99.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.9	97.1	98.5	98.7	99.2	99.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.9	97.1	98.5	98.7	99.2	99.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.9	97.1	98.5	98.7	99.2	99.2	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 922

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: HILL AFB UT (STATION NAME) — 75-84 (YEARS) — MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21 0-0300 (HOUR (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	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 20000	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 18000	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 16000	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 14000	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 12000	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 9000	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 8000	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 7000	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 6000	87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 5000	91.2	91.9	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
≥ 4500	92.6	93.4	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
≥ 4000	93.7	94.9	95.4	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3500	94.2	95.8	96.2	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3000	94.6	96.4	97.0	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	94.8	96.9	97.6	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	94.8	97.1	98.0	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	94.8	97.1	98.0	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	94.9	97.2	98.1	98.2	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	94.8	97.2	98.1	98.2	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	94.8	97.3	98.2	98.3	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	94.8	97.3	98.2	98.3	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	94.9	97.3	98.2	98.3	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	94.9	97.3	98.2	98.3	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	94.9	97.3	98.2	98.3	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	94.8	97.3	98.3	98.5	99.4	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	94.9	97.3	98.3	98.5	99.4	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	94.9	97.4	98.4	98.6	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.9	97.4	98.4	98.6	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.9	97.4	98.4	98.6	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.9	97.4	98.4	98.6	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

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

2

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2-1-5 (YR) HILL AFB UT (STATION NAME) 75-84 (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	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	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	55.8	55.8
≥ 20000	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 18000	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	61.5	61.5
≥ 16000	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 14000	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 12000	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 10000	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 9000	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 8000	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 7000	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 6000	83.9	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
≥ 5000	88.4	88.9	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	89.2
≥ 4500	91.6	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
≥ 4000	92.3	93.3	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3500	93.9	94.1	94.5	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
≥ 3000	93.6	95.4	96.1	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500	94.2	95.9	96.7	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000	94.7	96.1	97.1	97.3	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9
≥ 1800	94.3	96.1	97.1	97.4	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	94.4	96.3	97.3	97.7	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
≥ 1200	94.4	96.4	97.5	97.9	98.3	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	94.4	96.5	97.6	98.1	98.7	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	94.4	96.5	97.6	98.1	98.7	98.7	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	94.4	96.5	97.6	98.1	98.7	98.8	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	94.4	96.5	97.7	98.1	98.8	98.8	99.0	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	94.4	96.5	97.7	98.2	98.8	98.9	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 500	94.4	96.6	97.7	98.2	98.9	98.9	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.7
≥ 400	94.4	96.6	97.7	98.2	98.9	98.9	99.2	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	94.4	96.6	97.7	98.2	98.9	98.9	99.2	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8
≥ 200	94.4	96.6	97.7	98.2	98.9	98.9	99.2	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.9	99.9
≥ 100	94.4	96.6	97.7	98.2	98.9	98.9	99.2	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.9	100.0
≥ 0	94.4	96.6	97.7	98.2	98.9	98.9	99.2	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7433

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

LOCAL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT — STATION NAME — 74-83 — YEARS — JUN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0200 — HOUR (LST)

VISIBILITY STATUTE MILES

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 20000	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
≥ 15000	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 10000	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 7000	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 5000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4000	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	90.6
≥ 3000	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
≥ 2500	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
≥ 2000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	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	98.8
≥ 900	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	99.0
≥ 800	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	99.1
≥ 700	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	99.6	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	99.6
≥ 500	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	99.9
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

LOCAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible] HILL AFB UT (STATION NAME) 74-83 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-[illegible] (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥ [illegible]	≥5/16	≥¼	≥0
NO CEILING	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	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
≥ 16000	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 14000	82.6	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
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	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
≥ 9000	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	91.3
≥ 8000	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
≥ 7000	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
≥ 6000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 5000	[illegible]	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
≥ 4500	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	98.2	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	99.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

2

[illegible]AL CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB [illegible] STATION NAME — 74-83 — [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

CEILING (FEET)	VISIBILITY STATUTE MILES															
	27	26	25	24	23	22	27	21	21	21	21	21	21	21	21	20
[illegible]	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.8	74.8	74.8	74.8	74.8
[illegible]	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
[illegible]	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
[illegible]	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
[illegible]	[illegible]	[illegible]	[illegible]	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
[illegible]	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
[illegible]	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
[illegible]	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
[illegible]	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
[illegible]	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
[illegible]	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
[illegible]	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
[illegible]	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
[illegible]	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
[illegible]	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
[illegible]	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	99.9
[illegible]	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
[illegible]	99.4	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
[illegible]	99.4	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
[illegible]	99.4	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
[illegible]	99.4	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
[illegible]	99.4	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
[illegible]	99.4	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
[illegible]	99.4	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
[illegible]	99.4	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
[illegible]	99.4	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
[illegible]	99.4	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
[illegible]	99.4	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
[illegible]	99.4	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

TOTAL NUMBER OF OBSERVATIONS 900

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

1
2

[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] [illegible]EAT[illegible] SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT (STATION NAME) 74-82 (YEAR) [illegible] (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]00-1100 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥2	≥5/16	≥¼	≥0
[illegible]	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	75.8
≥20000	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
≥18000	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	82.4
≥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	82.6
≥14000	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	84.0	84.0
≥12000	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	84.6
≥10000	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	88.4	88.4
≥9000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥8000	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	90.9
≥7000	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	92.8
≥6000	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	94.1
≥5000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥4500	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	97.0	97.0
≥4000	97.8	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥3500	98.3	98.3	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥3000	98.3	98.3	98.7	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
≥2500	98.3	98.6	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥2000	98.3	98.6	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥1800	98.3	98.6	99.1	99.3	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	98.3	98.6	99.1	99.3	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	98.3	98.6	99.1	99.3	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	98.3	98.6	99.1	99.3	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	98.3	98.6	99.1	99.3	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	98.3	98.6	99.1	99.3	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	98.3	98.6	99.1	99.3	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	98.3	98.6	99.1	99.3	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	98.3	98.6	99.1	99.3	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	98.3	98.6	99.1	99.3	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	98.3	98.6	99.1	99.3	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	98.3	98.6	99.1	99.3	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	98.3	98.6	99.1	99.3	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	98.3	98.6	99.1	99.3	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

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

2

...AL CLIMATOLOGY BRANCH
...ETAC
...AF SERVICE/MAC

CEILING VERSUS VISIBILITY

... HILL AFB ... STATION NAME — 74-83 YEARS — JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1100-1400 HOURS

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	6	5	4	3	2½	2	1½	1¼	1	¾	½	¼	≥5/16	0	0
UNLIMITED	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
20000	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
15000	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
10000	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
7000	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
5000	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
4000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
3000	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	90.6
2500	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
2000	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
1500	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
1000	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
700	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
500	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
400	99.8	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
300	99.9	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
200	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
150	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
100	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
70	99.1	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	99.7
50	99.1	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	99.7
40	99.1	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
30	99.1	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
20	99.1	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
15	99.1	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
10	99.1	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
5	99.1	99.4	99.7	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
4	99.1	99.4	99.7	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
3	99.1	99.4	99.7	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
2	99.1	99.4	99.7	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
1	99.1	99.4	99.7	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	99.1	99.4	99.7	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 900

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2[illegible]5 HILL AFB UT (STATION NAME) 74-83 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15:0-17:00 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥[illegible]	≥5/16	≥¼	≥0
≥ UNLIMITED	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
	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
≥ 18000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 16000	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
≥ 14000	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
≥ 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	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 9000	91.4	91.6	91.6	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 8000	93.2	93.3	93.3	93.3	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 7000	93.7	93.8	93.8	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
≥ 6000	95.4	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 5000	97.4	97.8	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 4500	98.1	98.6	98.7	98.7	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 4000	98.2	98.7	98.9	99.0	99.0	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3500	98.2	98.7	98.9	99.0	99.0	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3000	98.3	98.9	99.1	99.2	99.2	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	98.6	99.1	99.3	99.4	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	98.7	99.2	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.7	99.2	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.7	99.2	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.7	99.2	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.7	99.2	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.7	99.2	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.7	99.2	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.7	99.2	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.7	99.2	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.7	99.2	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.7	99.2	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.7	99.2	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	99.2	99.4	99.6	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	98.7	99.2	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.7	99.2	99.4	99.6	99.6	99.6	99.9	99.9	99.9	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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION HILL AFB UT (WMO NUMBER) 74-83 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

16:00-20:00 (HOUR LST)

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
UNLIMITED	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥20000	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥15000	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	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥7000	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥5000	84.8	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
≥4000	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥3000	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
≥2500	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥2000	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥1500	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥1000	98.0	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
≥800	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
≥600	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
≥500	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
≥400	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥300	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥200	98.9	99.4	99.6	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	99.4	99.6	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	99.4	99.6	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
	98.9	99.4	99.6	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
	98.9	99.4	99.6	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
	98.9	99.4	99.6	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
	98.9	99.4	99.6	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
	98.9	99.4	99.6	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
	98.9	99.4	99.6	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
	98.9	99.4	99.6	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
	98.9	99.4	99.6	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
	98.9	99.4	99.6	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
	98.9	99.4	99.6	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 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 [illegible] HILL AFB UT — STATION NAME — 74-82 — YEARS — JUN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~21-0-2300~~ HOURS

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥¾	≥½	≥	≥5/16	≥	0
≥ 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
	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
≥ 18000	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
≥ 16000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 14000	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
≥ 12000	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
≥ 10000	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	89.7
≥ 9000	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 8000	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 7000	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
≥ 6000	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	96.3
≥ 5000	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4500	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	98.9
≥ 4000	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	98.9
≥ 3500	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	98.9
≥ 3000	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	99.1	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	99.1	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	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.3	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	99.3	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	99.3	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	99.3	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	99.3	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	99.3	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	99.3	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	99.3	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	99.3	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	99.3	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	99.3	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 JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION HILL AFB UT — YEARS 74-83 — MONTH ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
≥ UNLIMITED	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	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	81.4	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
≥ 6000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4000	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
≥ 2000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 10000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 9000	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
≥ 8000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 7000	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
≥ 6000	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
≥ 5000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 4000	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3500	98.9	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
≥ 3000	99.2	99.2	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
≥ 2500	99.3	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	99.4	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.4	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
≥ 1500	99.5	99.5	99.6	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	99.5	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	99.9
≥ 1000	99.5	99.5	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	99.5	99.5	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	99.5	99.5	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	99.5	99.5	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	99.5	99.5	99.7	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	99.5	99.5	99.7	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	99.5	99.5	99.7	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	99.5	99.5	99.7	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	99.5	99.5	99.7	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	99.5	99.5	99.7	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	99.5	99.5	99.7	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 7200

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

L PAL CLIMATOLOGY BRANCH
ETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2,755 (STATION NUMBER) HILL AFB UT (STATION NAME) 74-83 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

LOC-CCCC

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥20000	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
≥18000	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
≥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	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	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥10000	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
≥9000	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥8000	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥7000	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	97.8
≥6000	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥5000	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	99.6
≥4500	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	99.7
≥4000	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	99.8
≥3500	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	99.8
≥3000	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	99.9
≥2500	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	99.9
≥2000	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	100.0	100.0
≥1800	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	100.0	100.0
≥1500	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	100.0	100.0
≥1200	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	100.0	100.0
≥1000	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	100.0	100.0
≥900	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	100.0	100.0
≥800	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	100.0	100.0
≥700	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	100.0	100.0
≥600	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	100.0	100.0
≥500	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	100.0	100.0
≥400	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	100.0	100.0
≥300	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	100.0	100.0
≥200	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	100.0	100.0
≥100	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	100.0	100.0
≥0	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
USAF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2,185 HILL AFB UT (STATION NAME) 74-83 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
≥20000	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
	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
≥18000	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
≥15000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥14000	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥12000	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	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
≥9000	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
≥8000	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
≥7000	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥6000	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥5000	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	99.6	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
≥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
≥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
≥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
≥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
≥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
≥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
≥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
≥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
≥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
≥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
≥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
≥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
≥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
≥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
≥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
≥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	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	99.8	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 936

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 DEC (MONTHS) HILL AFB, UT (STATION NAME) 79-83 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
≥UNLIMITED	78.2	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
>UNLIMITED	81.8	81.9	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
≥18000	81.8	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
>18000	81.5	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
≥12000	83.8	83.9	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	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥10000	90.5	90.6	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
>9000	91.5	91.5	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
≥8000	95.5	95.6	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
>7000	96.5	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥6000	98.7	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
>5000	99.7	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
≥4500	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>4500	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥4000	99.1	99.6	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
>4000	99.1	99.6	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
≥3500	99.1	99.6	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
>3500	99.1	99.6	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
≥3000	99.1	99.6	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
>3000	99.1	99.6	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
≥2500	99.1	99.6	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
>2500	99.1	99.6	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
≥2000	99.1	99.6	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
>2000	99.1	99.6	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
≥1500	99.1	99.6	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
>1500	99.1	99.6	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
≥1200	99.1	99.6	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
>1200	99.1	99.6	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	99.1	99.6	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	99.1	99.6	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
≥900	99.1	99.6	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
>800	99.1	99.6	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
≥700	99.1	99.6	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
>600	99.1	99.6	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
≥500	99.1	99.6	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
>400	99.1	99.6	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
≥300	99.1	99.6	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
>200	99.1	99.6	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
≥100	99.1	99.6	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
>0	99.1	99.6	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

TOTAL NUMBER OF OBSERVATIONS 930

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

2

CLIMATOLOGY BRANCH
ETAC
SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

VISIBILITY STATUTE MILES

CEILING FEET	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	80.4	[illegible]	80.4	80.4	80.4	80.4	80.4	80.4	80.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	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	84.3
[illegible]	[illegible]	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
[illegible]	[illegible]	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
[illegible]	[illegible]	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	87.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
[illegible]	[illegible]	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
[illegible]	[illegible]	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	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	99.8	99.8
[illegible]	[illegible]	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	99.8	99.8
[illegible]	[illegible]	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	99.8	99.8
[illegible]	[illegible]	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	99.9	99.9	99.9
[illegible]	[illegible]	99.8	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	100.0
[illegible]	[illegible]	99.8	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	100.0
[illegible]	[illegible]	99.8	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	100.0
[illegible]	[illegible]	99.8	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	100.0
[illegible]	[illegible]	99.8	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	100.0
[illegible]	[illegible]	99.8	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	100.0
[illegible]	[illegible]	99.8	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	100.0
[illegible]	[illegible]	99.8	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	100.0
[illegible]	[illegible]	99.8	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	100.0
[illegible]	[illegible]	99.8	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	100.0
[illegible]	[illegible]	99.8	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	100.0
[illegible]	[illegible]	99.8	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	100.0
[illegible]	[illegible]	99.8	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	100.0
[illegible]	[illegible]	99.8	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	100.0
[illegible]	[illegible]	99.8	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	100.0
[illegible]	[illegible]	99.8	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	100.0
[illegible]	[illegible]	99.8	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	100.0
[illegible]	[illegible]	99.8	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	100.0
[illegible]	[illegible]	99.8	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	100.0
[illegible]	[illegible]	99.8	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	100.0
[illegible]	[illegible]	99.8	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	100.0
[illegible]	[illegible]	99.8	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	100.0
[illegible]	[illegible]	99.8	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	100.0
[illegible]	[illegible]	99.8	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	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 101-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1
2

LOCAL CLIMATOLOGY BRANCH
USAFETAC
USAF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2,215 HILL AFB UT — 74-82 — JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-1400

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	26	25	24	23	22	27	21	21+	21	2+	2+	2	≥5/16	≥4	20
≥ 20000	87.7	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
> 20000	87.6	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
≥ 18000	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
> 18000	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 14000	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
> 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	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
> 9000	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	96.5
≥ 7000	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
> 7000	97.4	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	99.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
> 5000	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4500	99.1	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	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500	99.1	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
> 3000	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
≥ 2500	99.1	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
> 2000	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
≥ 1800	99.1	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
> 1500	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
≥ 1200	99.1	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
> 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	99.1	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	99.1	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	99.1	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	99.1	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	99.1	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 930

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

2

...AL CLIMATOLOGY BRANCH
...ETAC
...ATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...5 ... AFB ... (STATION NAME) 74-83 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15 ... 17CC (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥	≥	≥	≥5/16	≥	≥0
	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
	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	86.3
4XX	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
XXX	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
4XX	88.	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
XXX	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	91.3
XXX	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
XXX	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
XXX	96.0	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
XXX	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
XXX	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
XXX	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	99.5
4XX	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
4XX	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	99.7
3XX	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
XXX	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	99.8
2XX	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2XX	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
80X	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50X	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
20X	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
XXX	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90X	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
80X	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
70X	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
60X	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
50X	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
40X	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
30X	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
20X	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
10X	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93C

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

2

[illegible] CLIMATOLOGY BRANCH
[illegible] TAC
[illegible] SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT (STATION NAME) 74-83 (YEAR)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

CEILING (FEET)	VISIBILITY STATUTE MILES															
	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	20
[illegible]	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
[illegible]	81.4	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
8000	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
7000	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
6000	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
5000	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
4000	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	91.7
3000	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
2500	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
2000	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
1500	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
1000	99.1	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
900	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	99.5
800	99.4	99.5	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
700	99.4	99.5	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
600	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
500	99.4	99.5	99.7	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	99.4	99.5	99.7	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	99.4	99.5	99.7	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	99.4	99.5	99.7	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	99.4	99.5	99.7	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	99.4	99.5	99.7	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 930

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

L TAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

HILL AFB UT — 74-83 YEARS — ALL MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0-23CC~~

VISIBILITY STATUTE MILES

	7	6	5	4	3	2	2	1	1	1	1	1	1	5/16	1/4	0
	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
	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
	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
	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
	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
	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
	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
	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
	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
	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	96.5
	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	99.4
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB, UT 74-83 ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES ≥ 27	≥ 26	≥ 25	≥ 24	≥ 23	≥ 22	≥ 21	≥ 20	≥ 19	≥ 18	≥ 17	≥ 16	≥ 15	≥ 14	≥ 13	≥ 12	≥ 11	≥ 10
≥ UNLIMITED	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	78.4	78.4
≥ 20000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 18000	83.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 16000	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 14000	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 12000	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 10000	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 9000	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 8000	96.0	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	96.3	96.3
≥ 7000	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 6000	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 5000	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	99.6	99.6
≥ 4500	99.3	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	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	99.8	99.8
≥ 3500	99.4	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	99.9	99.9
≥ 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	99.9	99.9
≥ 2500	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	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	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	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	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	100.0	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	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7485

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

2

GLOBAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

HILL AFB, UT — 74-83 — AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2000-2200

VISIBILITY STATUTE MILES

CEILING	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.8	76.8	76.8	76.8	76.8	76.8	76.8
	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
	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
	[illegible]	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
	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
	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
	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
	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
	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
	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
	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
	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	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
	99.5	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
	99.5	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
	99.5	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
	99.5	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
	99.5	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
	99.5	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
	99.5	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
	99.5	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
	99.5	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
	99.5	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
	99.5	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
	99.5	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
	99.5	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
	99.5	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
	99.5	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

TOTAL NUMBER OF OBSERVATIONS 930

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

TAC CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

HILL AFB UT (STATION NAME) 74-83 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0500 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES 2 1/2	2	1 3/4	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	1/8	0	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2
UNLIM	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	76.5	76.5	76.5	76.5	76.5
20000	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
15000	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	79.1	79.1	79.1	79.1	79.1	79.1
10000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
7000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
5000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
4000	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	92.0	92.0	92.0	92.0	92.0
3000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
2500	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	95.7	95.7	95.7	95.7	95.7
2000	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	96.7	96.7	96.7	96.7	96.7
1800	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
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	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	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	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	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	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	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	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	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	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	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	100.0	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	100.0	100.0	100.0	100.0	100.0
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	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

2

TICAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2-2-5 HILL AFB UT (STATION NAME) 74-83 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00Z-06Z (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥5/16	≥¼	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	76.6
≥20000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥18000	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
≥16000	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥14000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥12000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥10000	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	90.6	90.6
≥9000	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	91.3	91.3
≥8000	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	94.4	94.4
≥7000	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥6000	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	97.6
≥5000	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	99.5	99.5
≥4500	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	99.8	99.8
≥4000	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	99.8	99.8
≥3500	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	99.8	99.8
≥3000	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	99.9	99.9
≥2500	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	99.9	99.9
≥2000	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	100.0	100.0
≥1800	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	100.0	100.0
≥1500	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	100.0	100.0
≥1200	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	100.0	100.0
≥1000	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	100.0	100.0
≥900	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	100.0	100.0
≥800	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	100.0	100.0
≥700	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	100.0	100.0
≥600	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	100.0	100.0
≥500	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	100.0	100.0
≥400	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	100.0	100.0
≥300	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	100.0	100.0
≥200	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	100.0	100.0
≥100	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	100.0	100.0
≥0	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]5 HILL AFB [illegible] STATION NAME — 74-83 YEARS — ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥5/16	≥¼	≥0
NO CEILING	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 20000	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	83.3
≥ 18000	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	84.0	84.0
≥ 15000	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	84.0	84.0
≥ 10000	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 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	88.0
≥ 6000	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 5000	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4500	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 4000	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	96.0	96.0
≥ 3500	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3000	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	99.5
≥ 2500	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	99.8
≥ 2000	99.8	[illegible]	100.0	100.0	100.0	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	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	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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 910

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

[illegible] KILL AFB CT (STATION NAME) 68-83 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
UNLIMITED	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
20000	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
15000	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
	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	91.8
10000	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	94.0	94.0
	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
9000	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
	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	97.1
6000	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
4500	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	99.0
	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
3000	99.6	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
	99.3	99.4	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
2500	98.8	99.5	99.5	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
	98.8	99.5	99.5	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
2000	98.8	99.5	99.5	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
	98.8	99.5	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
1500	98.8	99.5	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
	98.8	99.5	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
1000	98.8	99.5	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
	98.8	99.5	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
900	98.8	99.5	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
800	98.8	99.5	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
700	98.8	99.5	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
600	98.8	99.5	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
500	98.8	99.5	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
400	98.8	99.5	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
300	98.8	99.5	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
200	98.8	99.5	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	98.8	99.5	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
0	98.8	99.5	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

TOTAL NUMBER OF OBSERVATIONS 930

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

1
2

.L.TAL CLIMATOLOGY BRANCH
.TAC
.. WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 SES HILL AFB UT (STATION NAME) 74-83 (YEAR) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~15-C-17CC~~ (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
UNLIMITED	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
	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
≥ 8000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 6000	86.3	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
≥ 4000	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	98.2	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
≥ 5000	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	99.7
≥ 4500	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
≥ 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
≥ 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
≥ 3000	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
≥ 2500	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	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
≥ 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

TOTAL NUMBER OF OBSERVATIONS 930

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

1
2

[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT (STATION NAME) 74-83 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-21CC (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	[illegible]	26	25	24	23	22	27	21	21	21	2[illegible]	2[illegible]	2[illegible]	25 16	2[illegible]	20
[illegible]	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
[illegible]	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
[illegible]	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
[illegible]	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
[illegible]	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
[illegible]	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
[illegible]	90.4	90.5	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
[illegible]	91.4	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
[illegible]	94.5	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
[illegible]	94.9	94.9	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
[illegible]	97.8	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
[illegible]	98.9	99.1	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
[illegible]	98.9	99.1	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
[illegible]	98.9	99.2	99.5	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
[illegible]	98.9	99.2	99.5	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
[illegible]	98.9	99.2	99.5	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
[illegible]	98.9	99.2	99.5	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
[illegible]	98.9	99.2	99.5	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
[illegible]	98.9	99.2	99.5	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
[illegible]	98.9	99.2	99.5	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
[illegible]	98.9	99.2	99.5	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
[illegible]	98.9	99.2	99.5	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
[illegible]	98.9	99.2	99.5	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
[illegible]	98.9	99.2	99.5	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
[illegible]	98.9	99.2	99.5	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
[illegible]	98.9	99.2	99.5	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
[illegible]	98.9	99.2	99.5	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
[illegible]	98.9	99.2	99.5	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 931

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

1
2

[illegible] CLIMATOLOGY BRANCH
[illegible] ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT — 74-83 — AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] 2100-2300

CEILING (FEET)	VISIBILITY STATUTE MILES																
	27	26	25	24	23	22	22	21	21	21	21	21	21	21	21 16	21	20
[illegible]	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	76.1
[illegible]	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	78.4
[illegible]	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
[illegible]	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
[illegible]	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
[illegible]	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	85.6
[illegible]	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	89.5
[illegible]	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
[illegible]	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
[illegible]	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	95.8
[illegible]	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	98.1	98.1
[illegible]	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	99.8	99.8
[illegible]	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	99.9	99.9
[illegible]	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	100.0	100.0
[illegible]	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	100.0	100.0
[illegible]	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	100.0	100.0
[illegible]	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	100.0	100.0
[illegible]	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	100.0	100.0
[illegible]	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	100.0	100.0
[illegible]	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	100.0	100.0
[illegible]	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	100.0	100.0
[illegible]	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	100.0	100.0
[illegible]	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	100.0	100.0
[illegible]	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	100.0	100.0
[illegible]	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	100.0	100.0
[illegible]	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	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

2

GLOBAL CLIMATOLOGY BRANCH
USETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

HILL AFB UT — 74-83 — AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY STATUTE MILES: 10	5	4	3	2½	2	1½	1¼	1	¾	½	¼	0	5/16	¼	0
7000	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
6000	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
5000	82.9	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
4500	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
4000	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
3500	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
3000	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
2500	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
2000	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
1800	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	96.0
1500	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
1200	99.2	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	99.6	99.6
1000	99.2	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
900	99.3	99.7	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
800	99.3	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
700	99.4	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
600	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
500	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
400	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
300	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
200	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
100	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
0	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

TOTAL NUMBER OF OBSERVATIONS 7446

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

2

[illegible] CLIMATOLOGY BRANCH
[illegible] ETAC
[illegible] STATION SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT (STATION NAME) 74-83 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-[illegible] (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	26	26	[illegible]	24	23	22	22	21	21	21	2[illegible]	2[illegible]	2[illegible]	25/16	2[illegible]	20
[illegible]	[illegible].9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
[illegible]	[illegible]	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
8[illegible]	79.4	78.8	78.8	78.8	78.9	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
[illegible]	[illegible]	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
4[illegible]	79.1	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
2[illegible]	[illegible]	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
[illegible]	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
[illegible]	89.6	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
8[illegible]	[illegible].3	[illegible].9	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
[illegible]	[illegible]	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
6[illegible]	[illegible].3	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
[illegible]	[illegible].2	98.[illegible]	98.[illegible]	98.[illegible]	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
4[illegible]	97.8	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
[illegible]	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
5[illegible]	98.[illegible]	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
[illegible]	98.1	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	98.1	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
2000	98.1	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
8[illegible]	[illegible].1	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
5[illegible]	98.1	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
[illegible]	98.1	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
[illegible]	98.[illegible]	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
900	98.1	99.2	99.4	99.4	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
800	98.1	99.2	99.4	99.4	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
700	98.1	99.2	99.4	99.4	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
600	98.1	99.2	99.4	99.4	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	98.1	99.2	99.4	99.4	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	98.1	99.2	99.4	99.4	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	98.1	99.2	99.4	99.4	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	98.[illegible]	99.2	99.4	99.4	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	98.1	99.2	99.4	99.4	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.1	99.2	99.4	99.4	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS SCC

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

2

LOCAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT (STATION NAME) 74-83 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0700-0500 (HOUR LST)

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥5/16	≥¼	≥0
NO CEILING	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 20000	76.9	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
≥ 18000	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 16000	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 14000	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 10000	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 9000	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 8000	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 7000	92.0	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
≥ 6000	95.[illegible]	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	96.0
≥ 5000	96.7	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	98.1	98.1
≥ 4500	96.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4000	97.2	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3500	97.2	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3000	97.2	99.0	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
≥ 2500	97.3	99.1	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	99.6
≥ 2000	97.4	99.2	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	99.8
≥ 1800	97.4	99.2	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	99.8
≥ 1500	97.4	99.2	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	99.8
≥ 1200	97.4	99.2	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
≥ 1000	97.4	99.2	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	100.0
≥ 900	97.4	99.2	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	100.0
≥ 800	97.4	99.2	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	100.0
≥ 700	97.4	99.2	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	100.0
≥ 600	97.4	99.2	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	100.0
≥ 500	97.4	99.2	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	100.0
≥ 400	97.4	99.2	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	100.0
≥ 300	97.4	99.2	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	100.0
≥ 200	97.4	99.2	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	100.0
≥ 100	97.4	99.2	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	100.0
≥ 0	97.4	99.2	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	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

1
2

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
A[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT — STATION NAME — 74-83 — YEARS — SEP — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
UNL	[illegible]	72.8	[illegible]	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
[illegible]	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
[illegible]	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
[illegible]	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
4000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
3000	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	80.7
[illegible]	[illegible]	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
[illegible]	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
[illegible]	[illegible]	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
[illegible]	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
[illegible]	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
[illegible]	95.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
[illegible]	96.1	96.6	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
[illegible]	96.7	97.6	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
[illegible]	97.2	98.3	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
[illegible]	97.5	99.0	99.3	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
[illegible]	[illegible]	99.1	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
2000	98.0	99.1	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
[illegible]	98.0	99.1	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
[illegible]	98.0	99.1	99.4	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
1200	98.0	99.1	99.4	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
1000	98.0	99.1	99.4	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
900	98.0	99.1	99.4	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
800	98.0	99.1	99.4	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
700	98.0	99.1	99.4	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
600	98.0	99.1	99.4	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
500	98.0	99.1	99.4	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
400	98.0	99.1	99.4	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
300	98.0	99.1	99.4	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
200	98.0	99.1	99.4	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	98.0	99.1	99.4	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
0	98.0	99.1	99.4	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

TOTAL NUMBER OF OBSERVATIONS 500

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

2

[illegible] BAL CLIMATOLOGY BRANCH
[illegible] ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] FILL AFB [illegible] 74-82 [illegible] SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-[illegible]

VISIBILITY STATUTE MILES

CEILING	[illegible]	20	[illegible]	[illegible]	[illegible]	22	22	21	21	21	21	21	21	25/16	21	20
[illegible]	77.2	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
[illegible]	[illegible]	[illegible]	[illegible]	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
[illegible]	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
[illegible]	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
[illegible]	83.6	83.8	83.9	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
[illegible]	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
[illegible]	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
[illegible]	88.[illegible]	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
[illegible]	91.5	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
[illegible]	92.7	92.7	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
[illegible]	[illegible]	93.3	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
[illegible]	95.7	96.1	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
[illegible]	96.7	97.3	97.8	98.[illegible]	98.[illegible]	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
[illegible]	96.[illegible]	97.6	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
[illegible]	97.6	98.3	99.[illegible]	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
[illegible]	97.8	98.6	99.3	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
[illegible]	97.8	98.6	99.3	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
[illegible]	97.8	98.6	99.3	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
[illegible]	97.8	98.6	99.3	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
[illegible]	97.8	98.6	99.6	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
[illegible]	97.8	98.8	99.6	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
[illegible]	97.8	98.8	99.6	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
[illegible]	97.8	98.8	99.6	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
[illegible]	97.8	98.8	99.6	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
[illegible]	97.8	98.8	99.6	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
[illegible]	97.8	98.8	99.6	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
[illegible]	97.8	98.8	99.6	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
[illegible]	97.8	98.8	99.6	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
[illegible]	97.8	98.8	99.6	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 900

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

2

[illegible]AL CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT (STATION NAME) 74-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-1400 (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES 210	26	25	24	23	22	27	21	21	21	2	2	2	25/16	2	20
2000	78.3	78.3	78.3	78.3	78.3	[illegible]	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
	82.8	82.8	82.8	82.8	82.8	[illegible]	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
800	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
600	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
1400	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
1200	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
1000	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
900	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
800	92.4	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
500	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	
600	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
500	96.5	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
450	97.7	98.	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
400	98.	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
350	99.4	99.9	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
300	99.6	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
250	98.8	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
200	98.8	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
180	98.8	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
150	98.8	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	100.0
120	98.8	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	100.0
100	98.8	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	100.0
90	98.8	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	100.0
80	98.8	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	100.0
70	98.8	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	100.0
60	98.8	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	100.0
50	98.8	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	100.0
40	98.8	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	100.0
30	98.8	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	100.0
20	98.8	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	100.0
10	98.8	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	100.0
0	98.8	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	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

2

GLOBAL CLIMATOLOGY BRANCH
OF TAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION HILL AFB UT — YEARS 74-83 — MONTH SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS 1500-1700

CEILING (FEET)	VISIBILITY STATUTE MILES ≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
UNLIMITED	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
20000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
15000	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
10000	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
7000	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
5000	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
4000	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
3000	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
2500	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	91.3
2000	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
1500	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	94.7
1000	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	97.9
800	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
600	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	98.7
500	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	98.9
400	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	99.4
300	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	99.7
200	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	99.8
150	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	99.8
100	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50	99.8	99.9	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	99.8	99.9	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 900

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

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2155 HILL AFB UT (STATION NAME) 74-83 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-2400 (HOUR LST)

CEILING (FEET)	VISIBILITY STATUTE MILES 2 1/2	2	1 3/4	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	1/8	0	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2
UNLIMITED	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
20000	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
18000	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	79.7	79.7	79.7	79.7	79.7	79.7
16000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
14000	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	81.1	81.1	81.1	81.1	81.1	81.1
12000	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
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	86.1	86.1	86.1	86.1	86.1	86.1
9000	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	86.7	86.7	86.7	86.7	86.7
8000	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	90.6	90.6	90.6	90.6	90.6	90.6	90.6
7000	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	92.1	92.1	92.1	92.1	92.1	92.1	92.1
6000	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
5000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
4500	97.5	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
4000	98.4	99.[illegible]	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
3500	99.4	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	99.9	99.9	99.9	99.9	99.9
3000	99.1	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	99.9	99.9	99.9	99.9	99.9
2500	99.1	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	100.0	100.0	100.0	100.0	100.0	100.0
2000	99.1	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	100.0	100.0	100.0	100.0	100.0	100.0
1800	99.1	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	100.0	100.0	100.0	100.0	100.0	100.0
1500	99.1	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	100.0	100.0	100.0	100.0	100.0	100.0
1200	99.1	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	100.0	100.0	100.0	100.0	100.0	100.0
1000	99.1	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	100.0	100.0	100.0	100.0	100.0	100.0
900	99.1	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	100.0	100.0	100.0	100.0	100.0	100.0
800	99.1	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	100.0	100.0	100.0	100.0	100.0	100.0
700	99.1	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	100.0	100.0	100.0	100.0	100.0	100.0
600	99.1	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	100.0	100.0	100.0	100.0	100.0	100.0
500	99.1	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	100.0	100.0	100.0	100.0	100.0	100.0
400	99.1	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	100.0	100.0	100.0	100.0	100.0	100.0
300	99.1	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	100.0	100.0	100.0	100.0	100.0	100.0
200	99.1	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	100.0	100.0	100.0	100.0	100.0	100.0
100	99.1	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	100.0	100.0	100.0	100.0	100.0	100.0
0	99.1	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	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

2

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2755 HILL AFB [illegible] (STATION NAME) 74-83 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21 0-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	[illegible]	26	25	24	23	22	22	21	21	21	2	2	2	2 5/16	2	20
[illegible]	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
[illegible]	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
[illegible]	77.	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
[illegible]	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
4000	7 .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
[illegible]	[illegible]	82.	82.	82.	82.	82.	82.	82.	82.	82.	82.	82.	82.	82.	82.	82.
[illegible]	7.	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
[illegible]	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
[illegible]	9 .6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	9 .7	90.7
[illegible]	92.5	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
[illegible]	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
[illegible]	97.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
[illegible]	97.3	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	98.6	98.6
[illegible]	97.6	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
[illegible]	97.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
[illegible]	97.7	99.3	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
[illegible]	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
[illegible]	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
[illegible]	97.7	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	97.7	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	97.7	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	97.7	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	97.7	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	97.7	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	97.7	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	97.7	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	97.7	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	97.7	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	97.7	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	97.7	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

USAF ETAC FORM [illegible] 0-1465 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
(ETAC)
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PHILLIPS AFB, NT — 74-83 — SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY STATUTE MILES 2 1/2	2	1 3/4	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	1/8	0	1/16	1/32	1/64	0
≥ UNLIMITED	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 20000	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 18000	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 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	79.9
≥ 14000	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	81.1
≥ 12000	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	83.9
≥ 10000	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 9000	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 8000	87.9	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	91.0
≥ 7000	91.5	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	92.1
≥ 6000	94.4	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 5000	96.6	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4500	97.2	98.0	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4000	97.5	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	97.7	98.7	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	99.1
≥ 3000	98.0	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500	98.1	99.1	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
≥ 2000	98.1	99.2	99.6	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
≥ 1800	98.1	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	98.1	99.2	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	99.9	99.9
≥ 1200	98.1	99.3	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
≥ 1000	98.1	99.3	99.7	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
≥ 900	98.1	99.3	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
≥ 800	98.1	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.1	99.3	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
≥ 600	98.1	99.3	99.7	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
≥ 500	98.1	99.3	99.7	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
≥ 400	98.1	99.3	99.7	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
≥ 300	98.1	99.3	99.7	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	98.1	99.3	99.7	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	98.1	99.3	99.7	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	98.1	99.3	99.7	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 7200

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

2

LOCAL CLIMATOLOGY BRANCH
USETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB [illegible] (STATION NAME) 74-83 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEIL-CCC (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES ≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
[illegible]	[illegible]	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
[illegible]	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
[illegible]	77.8	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
[illegible]	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
[illegible]	79.1	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
[illegible]	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
[illegible]	80.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
[illegible]	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
[illegible]	86.3	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
[illegible]	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
[illegible]	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
[illegible]	91.[illegible]	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
[illegible]	91.8	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
[illegible]	92.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
[illegible]	93.4	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
[illegible]	94.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
[illegible]	95.4	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
[illegible]	96.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
[illegible]	96.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
[illegible]	96.1	97.3	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
[illegible]	96.1	97.3	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
[illegible]	96.1	97.3	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
[illegible]	96.1	97.3	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
[illegible]	96.2	97.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
[illegible]	96.2	97.4	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
[illegible]	96.2	97.4	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2
500	96.2	97.4	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2
400	96.2	97.4	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.2	99.5	99.5	99.5	99.5	99.5
300	96.2	97.4	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.2	99.5	99.5	99.6	99.5	99.8
200	96.2	97.4	98.6	98.8	99.0	99.0	99.0	99.1	99.1	99.4	99.6	99.6	99.8	99.8	100.0
100	96.2	97.4	98.6	98.8	99.0	99.0	99.0	99.1	99.1	99.4	99.6	99.6	99.8	99.8	100.0
0	96.2	97.4	98.6	98.8	99.0	99.0	99.0	99.1	99.1	99.4	99.6	99.6	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 536

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

2

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB [illegible] 74-83 [illegible] OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-1CC-CSCC

VISIBILITY STATUTE MILES

CEILING FEET	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
[illegible]	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
[illegible]	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	76.7
[illegible]	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
[illegible]	78.0	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
[illegible]	79.8	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
[illegible]	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
[illegible]	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
[illegible]	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
[illegible]	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
[illegible]	88.6	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
[illegible]	[illegible]	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
[illegible]	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0
[illegible]	[illegible]	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5
[illegible]	93.4	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4
[illegible]	95.3	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5
[illegible]	95.4	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6
[illegible]	95.9	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 800	96.0	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 500	96.1	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 200	96.1	97.3	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 100	96.1	97.4	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 900	96.1	97.4	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 800	96.1	97.4	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 700	96.1	97.4	98.3	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 600	96.1	97.5	98.4	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 500	96.1	97.6	98.6	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 400	96.2	97.7	98.7	98.9	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300	96.2	97.7	98.7	98.9	99.1	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 200	96.2	97.7	98.7	98.9	99.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	96.2	97.7	98.7	98.9	99.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	96.2	97.7	98.7	98.9	99.1	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 936

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

2

[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible] STATES SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]5 HILL AFB UT (STATION NAME) 74-83 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~[illegible]-[illegible]~~ (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES ≥7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
[illegible]	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
[illegible]	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
[illegible]	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
[illegible]	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
[illegible]	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
[illegible]	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
[illegible]	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
[illegible]	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
[illegible]	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
[illegible]	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
[illegible]	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
[illegible]	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
[illegible]	93.0	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
[illegible]	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
[illegible]	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
[illegible]	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
[illegible]	96.6	96.9	97.	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
[illegible]	96.7	97.1	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
[illegible]	96.7	97.1	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
[illegible]	96.9	97.3	97.7	97.8	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
[illegible]	96.9	97.3	97.8	98.0	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
[illegible]	97.1	97.7	98.4	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
[illegible]	97.1	97.7	98.4	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
[illegible]	97.1	97.7	98.4	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
[illegible]	97.1	97.7	98.4	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
[illegible]	97.1	97.7	98.4	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
500	97.1	97.7	98.5	98.8	98.9	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
400	97.1	97.7	98.5	98.9	99.[illegible]	99.4	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
300	97.1	97.7	98.5	98.9	99.0	99.4	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	97.1	97.7	98.5	98.9	99.0	99.4	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	97.1	97.7	98.5	98.9	99.0	99.4	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	97.1	97.7	98.5	98.9	99.0	99.4	99.5	99.7	100.0	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

2

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] AFAT OF SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB [illegible] STATION NAME — 74-83 YEARS — OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~2GC-1126~~

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	0
UNLIMITED	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥20000	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 8000	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 6000	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
≥ 4000	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 2000	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
≥ 1000	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 900	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 800	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 700	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
≥ 600	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
≥ 500	89.8	90.2	90.2	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 450	91.1	91.4	91.9	91.9	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 400	93.2	93.7	94.2	94.2	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 350	93.4	93.9	94.4	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 300	93.7	94.3	94.9	94.9	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 250	94.1	95.1	95.9	95.9	96.[illegible]	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 200	94.5	95.5	96.3	[illegible].3	96.5	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 180	94.5	95.5	96.3	[illegible].3	96.5	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 150	94.7	95.8	97.0	97.[illegible]	97.2	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 120	94.7	95.8	97.0	97.0	97.3	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 100	94.7	95.9	97.2	97.2	97.5	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 90	94.7	95.9	97.2	97.2	97.5	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 80	94.7	95.9	97.2	97.3	97.7	97.8	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 70	94.7	96.[illegible]	97.3	97.4	97.8	98.[illegible]	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 60	94.7	96.[illegible]	97.3	97.4	98.[illegible]	98.1	98.4	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 50	94.7	96.1	97.4	97.5	98.1	98.2	98.6	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.4	99.4
≥ 40	94.7	96.2	97.5	97.6	98.3	98.4	98.9	99.1	99.4	99.7	99.7	99.7	99.8	99.8	100.0	100.0
≥ 30	94.7	96.2	97.5	97.6	98.3	98.4	98.9	99.1	99.4	99.7	99.7	99.7	99.8	99.8	100.0	100.0
≥ 20	94.7	96.2	97.5	97.6	98.3	98.4	98.9	99.1	99.4	99.7	99.7	99.7	99.8	99.8	100.0	100.0
≥ 10	94.7	96.2	97.5	97.6	98.3	98.4	98.9	99.1	99.4	99.7	99.7	99.7	99.8	99.8	100.0	100.0
≥ 0	94.7	96.2	97.5	97.6	98.3	98.4	98.9	99.1	99.4	99.7	99.7	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 936

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

2

LOCAL CLIMATOLOGY BRANCH
USAFETAC
USAF ETAC SERVICE/MAC

CEILING VERSUS VISIBILITY

2[illegible]5 HALL AFB [illegible] (STATION NAME) 74-83 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 [illegible] 0-1400

CEILING (FEET)	VISIBILITY STATUTE MILES															
	[illegible]	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥ [illegible]	≥5/16	≥¼	≥0
[illegible]	[illegible]	69.	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
[illegible]	73.1	73.8	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
[illegible]	74.4	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
[illegible]	74.7	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
[illegible]	75.8	76.2	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
[illegible]	77.8	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
[illegible]	79.6	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
[illegible]	79.9	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
[illegible]	81.2	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
[illegible]	83.3	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
[illegible]	85.6	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
[illegible]	90.6	90.6	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
[illegible]	91.2	91.8	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
[illegible]	92.7	93.3	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
[illegible]	93.1	93.9	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
[illegible]	94.2	94.7	95.1	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
[illegible]	94.5	95.2	95.6	95.7	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
[illegible]	94.8	95.5	95.9	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
[illegible]	94.9	95.6	96.0	96.1	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
[illegible]	95.2	96.6	97.1	97.2	97.4	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
[illegible]	95.2	96.6	97.1	97.3	97.5	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
[illegible]	95.3	96.8	97.3	97.6	97.8	98.0	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
[illegible]	95.4	97.	97.5	97.8	98.1	98.2	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
[illegible]	95.6	97.3	97.8	98.2	98.5	98.7	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
[illegible]	95.6	97.3	97.8	98.2	98.5	98.7	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
[illegible]	95.6	97.3	97.8	98.2	98.6	98.8	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
[illegible]	95.6	97.3	97.8	98.2	98.6	98.8	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	95.6	97.3	97.8	98.2	98.6	98.8	99.7	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
[illegible]	95.6	97.3	97.8	98.2	98.6	98.8	99.7	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
[illegible]	95.6	97.3	97.8	98.2	98.6	98.8	99.7	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
[illegible]	95.6	97.3	97.8	98.2	98.6	98.8	99.7	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
[illegible]	95.6	97.3	97.8	98.2	98.6	98.8	99.7	99.7	99.7	99.8	99.9	99.9	99.9	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

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20755 HILL AFB UT (STATION NAME) 74-81 (YEAR) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15 OCT-17CC (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES 210	26	25	24	23	22	27	21	21	21	24	2	2	25 16	24	20
NO CEILING	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 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	73.2
≥ 18000	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 6000	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 14000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 12000	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 10000	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
≥ 9000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 8000	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
≥ 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
≥ 6000	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 5000	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
≥ 4500	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4000	95.1	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3500	95.3	95.5	95.5	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3000	96.1	96.3	96.3	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	96.8	97.1	97.1	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	96.8	97.1	97.1	97.1	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	96.8	97.1	97.1	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	97.4	97.7	98.0	98.4	98.4	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	97.5	97.8	98.2	98.6	98.6	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	97.6	98.0	98.3	98.7	98.7	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	97.6	98.1	98.3	98.7	98.7	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	97.7	98.2	98.5	98.9	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	97.7	98.2	98.5	98.9	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	97.7	98.2	98.5	98.9	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	97.7	98.2	98.5	98.9	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.7	98.2	98.5	98.9	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.7	98.2	98.5	98.9	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.7	98.2	98.5	98.9	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.7	98.2	98.5	98.9	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.7	98.2	98.5	98.9	99.1	99.7	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

2

AL CLIMATOLOGY BRANCH
TAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB, UT [illegible] 74-83 [illegible] OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13-6-2000

VISIBILITY STATUTE MILES

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
[illegible]	[illegible]	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
[illegible]	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
[illegible]	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
[illegible]	76.8	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
[illegible]	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
[illegible]	78.5	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
[illegible]	[illegible]	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
[illegible]	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
[illegible]	85.9	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
[illegible]	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
[illegible]	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
[illegible]	91.4	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
[illegible]	92.4	[illegible]	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
[illegible]	94.1	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
[illegible]	94.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
[illegible]	94.9	96.5	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
[illegible]	95.6	97.4	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
[illegible]	95.1	97.6	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
[illegible]	95.2	97.6	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
[illegible]	95.5	98.0	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
[illegible]	96.[illegible]	98.1	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
[illegible]	96.[illegible]	98.3	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
[illegible]	96.[illegible]	98.3	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
[illegible]	96.[illegible]	98.3	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
[illegible]	96.[illegible]	98.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
[illegible]	96.0	98.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	96.0	98.5	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	96.0	98.5	99.5	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
[illegible]	96.0	98.5	99.5	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
[illegible]	96.0	98.5	99.5	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
[illegible]	96.0	98.5	99.5	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
[illegible]	96.0	98.5	99.5	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

TOTAL NUMBER OF OBSERVATIONS 530

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

2

TAL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2-14-5 BALL AFB, CT (STATION NAME) 74-87 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	25	20	15	14	13	12	11	10	9	8	7	6	5	4	3 15/16	3	2
20000	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	76.5
18000	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	78.4
15000	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	79.1	79.1
14000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
13000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
12000	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	81.0
10000	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
9000	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
8000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
7000	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	87.3
6000	87.6	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
5000	91.2	91.1	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	91.4	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
4000	92.2	93.5	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	94.0
3500	92.8	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
3000	94.2	95.6	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
2500	96.9	96.5	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
2000	95.8	97.4	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
1800	95.8	97.4	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
1500	95.8	97.6	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
1200	96.0	97.8	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1000	96.0	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
900	96.0	98.0	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
800	96.0	98.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
700	96.0	98.0	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
600	96.0	98.0	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
500	96.0	98.0	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
400	96.0	98.0	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
300	96.0	98.0	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	96.0	98.0	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	96.0	98.0	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.0	98.0	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.9	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

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

MILL AFB CT (STATION NAME) 74-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES ≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
UNLIMITED	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	75.4	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
15000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
10000	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
7000	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
5000	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
4000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
3000	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
2500	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
2000	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
1500	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
1000	91.5	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
800	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
600	94.0	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
500	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0
400	95.6	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
300	96.3	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
200	96.7	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
150	96.7	97.2	97.3	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
100	97.1	97.7	97.9	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
90	97.2	97.9	98.0	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
80	97.3	98.3	98.3	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
70	97.3	98.1	98.3	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
60	97.4	98.2	98.4	98.7	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
50	97.4	98.3	98.5	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
40	97.4	98.3	98.6	98.8	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4
30	97.5	98.4	98.6	98.9	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
20	97.5	98.4	98.7	99.0	99.1	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9
10	97.5	98.4	98.7	99.0	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9
0	97.5	98.4	98.7	99.0	99.1	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0
0	97.5	98.4	98.7	99.0	99.1	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0
0	97.5	98.4	98.7	99.0	99.1	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

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

1
2

[illegible] CLIMATOLOGY BRANCH
[illegible] ETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT (STATION NAME) 74-82 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	57.2	58.7	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	58.8
≥20000	62.5	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥18000	[illegible]	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥16000	61.6	63.[illegible]	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥14000	62.8	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥12000	65.1	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥10000	71.6	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
≥9000	72.0	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥8000	75.4	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥7000	77.6	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
≥6000	77.8	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥5000	83.6	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥4500	86.1	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥4000	86.2	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
≥3500	86.8	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
≥3000	87.1	91.6	92.1	92.3	92.8	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥2500	87.7	92.7	93.6	93.9	94.0	94.[illegible]	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥2000	87.8	91.2	94.6	95.2	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥1800	87.8	93.2	94.8	95.2	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥1500	88.1	93.6	95.1	95.6	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥1200	88.1	93.6	95.1	95.6	96.1	96.2	96.3	96.4	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7
≥1000	88.1	93.6	95.3	95.8	96.3	96.4	96.9	97.1	97.1	97.4	97.6	97.6	97.7	97.7	97.7	97.7
≥900	88.1	93.6	95.3	95.9	96.6	96.8	97.2	97.4	97.4	97.8	97.9	97.9	98.0	98.0	98.0	98.0
≥800	88.1	93.6	95.3	95.9	96.6	96.8	97.2	97.6	97.7	98.2	98.6	98.6	98.7	98.7	98.7	98.7
≥700	88.1	93.6	95.3	95.9	96.6	96.8	97.3	97.7	97.8	98.3	98.7	98.7	98.8	98.8	98.8	98.8
≥600	88.1	93.6	95.3	95.9	96.6	96.8	97.4	97.8	97.9	98.4	98.8	98.8	99.0	99.0	99.0	99.0
≥500	88.1	93.6	95.3	95.9	96.6	96.8	97.4	97.8	97.9	98.7	99.1	99.2	99.4	99.6	99.6	99.6
≥400	88.1	93.6	95.3	95.9	96.6	96.8	97.6	97.9	98.0	98.8	99.2	99.3	99.6	99.7	99.7	99.7
≥300	88.1	93.7	95.4	96.0	96.7	96.9	97.7	98.0	98.1	98.9	99.3	99.4	99.7	99.8	99.8	99.8
≥200	88.1	93.7	95.4	96.0	96.7	96.9	97.7	98.1	98.2	99.0	99.6	99.7	99.9	100.0	100.0	100.0
≥100	88.1	93.7	95.4	96.0	96.7	96.9	97.7	98.1	98.2	99.0	99.6	99.7	99.9	100.0	100.0	100.0
≥0	88.1	93.7	95.4	96.0	96.7	96.9	97.7	98.1	98.2	99.0	99.6	99.7	99.9	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

LOCAL CLIMATOLOGY BRANCH
USETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT — 74-83 — NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
≥ 20000	57.3	[illegible]	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
≥ 15000	62.1	63.4	63.4	63.8	63.8	63.4	63.8	63.8	63.8	63.8	63.4	63.4	63.8	63.8	63.4
≥ 10000	62.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 6000	63.[illegible]	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 4000	64.[illegible]	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
≥ 2000	67.1	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 1000	70.6	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 500	71.0	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
≥ 3000	73.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 1000	76.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 600	78.9	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
≥ 500	81.2	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
≥ 400	82.3	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 300	83.5	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 200	84.4	88.8	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 100	85.1	[illegible]	91.3	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 0	86.6	91.7	93.1	93.7	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 20000	87.1	92.2	93.9	94.4	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 15000	87.1	92.2	93.9	94.4	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 10000	87.2	92.3	94.0	94.7	95.0	95.0	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 6000	87.2	92.3	94.1	94.8	95.1	95.1	95.1	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 5000	87.2	92.3	94.3	95.0	95.4	95.4	96.0	96.9	97.0	97.2	97.2	97.2	97.3	97.3	97.3
≥ 4000	87.2	92.3	94.3	95.0	95.4	95.4	96.0	96.9	97.0	97.2	97.2	97.2	97.3	97.3	97.3
≥ 3000	87.2	92.3	94.3	95.1	95.4	95.4	96.0	96.9	97.0	97.2	97.2	97.2	97.3	97.3	97.3
≥ 2000	87.2	92.3	94.3	95.0	95.4	95.4	96.0	97.0	97.1	97.4	97.4	97.4	97.6	97.6	97.7
≥ 1000	87.2	92.3	94.4	95.1	95.6	95.7	96.3	97.3	97.8	97.8	97.9	97.9	98.0	98.0	98.1
≥ 500	87.2	92.3	94.4	95.1	95.6	95.7	96.3	97.3	97.4	98.0	98.3	98.3	98.6	98.6	98.8
≥ 400	87.2	92.3	94.4	95.1	95.7	95.8	96.4	97.4	97.6	98.1	98.4	98.4	98.7	98.7	98.7
≥ 300	87.2	92.4	94.6	95.2	95.8	95.9	96.6	97.6	97.7	98.3	98.9	98.9	99.2	99.4	99.4
≥ 200	87.2	92.4	94.6	95.2	95.8	95.9	96.6	97.6	97.7	98.3	98.9	98.9	99.3	99.6	99.8
≥ 100	87.2	92.4	94.6	95.2	95.8	95.9	96.6	97.6	97.7	98.3	98.9	98.9	99.3	99.6	99.6
≥ 0	87.2	92.4	94.6	95.2	95.8	95.9	96.6	97.6	97.7	98.3	98.9	98.9	99.3	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 900

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

1
2

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2... 5 (STATION NO.) HILL AFB UT (STATION NAME) 74-82 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00-23 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	56.1	56.7	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥20000	59.[illegible]	59.6	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥18000	6[illegible].0	6[illegible].6	6[illegible].7	60.7	6[illegible].9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥6000	6[illegible].2	6[illegible].8	6[illegible].9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥14000	61.[illegible]	61.9	62.[illegible]	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥12000	64.[illegible]	65.4	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥10000	69.[illegible]	69.7	69.9	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥9000	69.9	70.7	70.9	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
≥8000	73.7	74.6	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥7000	76.9	7[illegible].0	78.2	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥6000	79.3	80.7	80.9	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
≥5000	82.2	83.7	84.0	84.1	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥4500	83.2	84.8	85.2	85.3	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥4000	85.4	87.8	88.6	88.7	88.9	89.[illegible]	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥3500	86.1	88.9	89.7	89.8	9[illegible].0	90.1	90.2	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥3000	87.3	9[illegible].4	91.6	91.7	92.1	92.2	92.3	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥2500	88.2	91.4	92.8	92.9	93.6	93.7	93.8	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥2000	88.3	91.6	93.2	93.4	94.1	94.3	94.6	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥1800	88.4	91.7	93.3	93.6	94.2	94.4	94.7	94.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥1500	88.4	91.7	93.3	93.8	94.6	94.8	95.0	95.1	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥1200	88.4	91.7	93.3	94.1	95.1	95.3	95.7	95.8	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥1000	88.6	91.8	93.8	94.2	95.2	95.4	96.3	96.6	96.8	97.3	97.3	97.3	97.6	97.6	97.6	97.6
≥900	88.7	91.9	93.9	94.3	95.3	95.6	96.6	96.8	97.0	97.6	97.7	97.7	98.0	98.0	98.0	98.0
≥800	88.7	91.9	93.9	94.6	95.6	95.8	96.8	97.0	97.2	97.8	97.9	97.9	98.2	98.2	98.2	98.2
≥700	88.7	91.9	93.9	94.6	95.6	95.8	96.8	97.0	97.2	97.9	98.0	98.0	98.3	98.3	98.3	98.3
≥600	88.7	91.9	93.9	94.6	95.6	95.8	96.8	97.1	97.3	98.0	98.1	98.1	98.4	98.4	98.4	98.4
≥500	88.7	91.9	93.9	94.6	95.6	95.8	96.9	97.3	97.6	98.4	98.9	99.0	99.3	99.3	99.4	99.4
≥400	88.7	91.9	93.9	94.6	95.6	95.8	96.9	97.3	97.6	98.8	98.9	99.1	99.4	99.4	99.6	99.6
≥300	88.7	91.9	93.9	94.6	95.6	95.8	96.9	97.3	97.6	98.6	99.0	99.2	99.6	99.6	99.7	99.7
≥200	88.7	91.9	93.9	94.6	95.6	95.8	96.9	97.3	97.6	98.6	99.0	99.2	99.6	99.6	99.7	99.8
≥100	88.7	91.9	93.9	94.6	95.6	95.8	96.9	97.3	97.6	98.6	99.0	99.2	99.6	99.6	99.7	99.8
≥0	88.7	91.9	93.9	94.6	95.6	95.8	96.9	97.3	97.6	98.6	99.0	99.2	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
STRATEGIC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2,155 HILL AFB UT (STATION NAME) 74-83 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR LST)

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
≥ 20000	52.1	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 18000	56.5	58.1	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
≥ 16000	57.0	59.3	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
≥ 14000	59.7	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 12000	61.5	64.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 10000	64.5	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 9000	65.6	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
≥ 8000	69.0	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 7000	73.1	74.7	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 6000	76.8	77.4	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 5000	79.9	80.6	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4500	82.6	84.3	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4000	84.3	86.4	87.0	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
≥ 3500	85.6	88.7	89.8	89.9	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	87.2	89.6	90.7	90.8	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2500	87.4	90.1	91.6	91.8	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	88.0	90.9	92.4	92.7	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	88.3	91.6	93.4	93.8	94.6	94.6	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1500	88.3	91.6	93.4	93.8	94.6	94.6	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	88.4	92.0	94.0	94.4	95.2	95.2	95.6	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	88.4	92.0	94.0	94.4	95.3	95.3	95.7	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900	88.4	92.1	94.4	95.0	95.9	96.1	96.6	96.6	96.6	96.7	97.0	97.0	97.0	97.0	97.0	97.0
≥ 800	88.4	92.1	94.4	95.0	95.9	96.1	96.6	96.7	96.7	96.8	97.1	97.3	97.3	97.3	97.3	97.3
≥ 700	88.4	92.1	94.4	95.0	95.9	96.1	96.6	96.8	96.8	97.0	97.3	97.7	97.8	97.8	97.8	97.9
≥ 600	88.4	92.1	94.4	95.0	95.9	96.1	96.7	96.9	96.9	97.2	97.6	97.9	98.0	98.0	98.1	98.2
≥ 500	88.4	92.1	94.6	95.1	96.0	96.2	96.9	97.1	97.1	97.4	97.8	98.1	98.6	98.6	98.9	99.1
≥ 400	88.4	92.1	94.6	95.2	96.1	96.3	97.0	97.2	97.2	97.6	97.9	98.2	98.7	98.7	99.0	99.2
≥ 300	88.4	92.1	94.6	95.3	96.2	96.4	97.1	97.3	97.3	97.8	98.2	98.6	99.0	99.1	99.6	99.8
≥ 200	88.4	92.1	94.6	95.3	96.2	96.4	97.1	97.3	97.3	97.8	98.2	98.6	99.0	99.1	99.6	99.8
≥ 100	88.4	92.1	94.6	95.3	96.2	96.4	97.1	97.3	97.3	97.8	98.3	98.7	99.1	99.2	99.7	99.9
≥ 0	88.4	92.1	94.6	95.3	96.2	96.4	97.1	97.3	97.3	97.8	98.3	98.7	99.1	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

2

[illegible]AL CLIMATOLOGY BRANCH
[illegible]TAC
A[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISILITY

[illegible]25 HILL AFB UT — STATION NAME — 74-83 — YEARS — NOV — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1200-1400~~ HOUR (LT)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥5/16	≥¼	≥0
NO CEILING	48.9	51.3	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 20000	54.[illegible]	56.6	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 18000	55.4	58.[illegible]	59.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 16000	55.2	58.3	59.[illegible]	59.0	59.0	59.[illegible]	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 14000	5[illegible].7	6[illegible].9	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 12000	62.1	64.6	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
≥ 10000	66.7	69.8	7[illegible].4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 9000	67.5	71.[illegible]	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 8000	7[illegible].6	73.7	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
≥ 7000	72.8	75.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 6000	76.7	79.8	8[illegible].6	8[illegible].6	8[illegible].6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 5000	80.6	83.7	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4500	82.9	86.1	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
≥ 4000	84.4	87.7	88.4	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3500	85.1	88.4	89.6	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3000	85.8	89.3	90.7	91.0	91.2	91.2	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	86.2	9[illegible].1	91.9	92.2	92.6	92.6	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	86.4	9[illegible].4	92.3	92.7	93.1	93.1	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1800	86.4	9[illegible].4	92.4	92.9	93.3	93.3	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	86.4	9[illegible].4	92.[illegible]	93.4	93.9	93.9	94.3	94.8	94.8	94.8	94.8	94.8	94.8	95.0	95.0	95.0	95.1
≥ 1200	86.4	9[illegible].4	93.2	93.7	94.1	94.1	94.7	95.1	95.1	95.1	95.1	95.2	95.4	95.4	95.4	95.4	95.6
≥ 1000	86.6	90.6	93.4	94.0	94.4	94.6	95.3	95.9	95.9	96.3	96.6	96.7	96.9	96.9	96.9	96.9	97.0
≥ 900	86.6	90.6	93.7	94.3	94.8	94.9	95.7	96.2	96.2	96.7	96.9	97.0	97.2	97.2	97.2	97.2	97.3
≥ 800	86.6	90.6	93.7	94.4	94.9	95.[illegible]	95.9	96.4	96.4	97.0	97.2	97.3	97.6	97.6	97.6	97.6	97.7
≥ 700	86.6	90.6	93.7	94.4	94.9	95.0	95.9	96.4	96.4	97.0	97.3	97.4	97.7	97.7	97.7	97.7	97.8
≥ 600	86.6	90.6	93.7	94.4	94.9	95.0	95.9	96.4	96.4	97.1	97.4	97.7	97.9	97.9	97.9	97.9	98.2
≥ 500	86.6	90.6	93.7	94.4	94.9	95.0	95.9	96.6	96.6	97.2	97.6	98.0	98.4	98.4	98.8	99.1	
≥ 400	86.6	90.6	93.7	94.4	94.9	95.0	95.9	96.6	96.6	97.2	97.6	98.0	98.4	98.4	98.9	99.2	
≥ 300	86.6	9[illegible].6	93.7	94.4	94.9	95.0	95.9	96.6	96.6	97.3	97.8	98.3	98.8	98.8	99.2	99.6	
≥ 200	86.6	9[illegible].6	93.7	94.4	94.9	95.[illegible]	95.9	96.6	96.6	97.3	97.9	98.4	98.9	98.9	99.3	99.7	
≥ 100	86.6	9[illegible].6	93.7	94.4	94.9	95.[illegible]	95.9	96.6	96.6	97.3	97.9	98.4	98.9	98.9	99.4	100.0	
≥ 0	86.6	9[illegible].6	93.7	94.4	94.9	95.[illegible]	95.9	96.6	96.6	97.3	97.9	98.4	98.9	98.9	99.4	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
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2,165 HILL AFB UT (STATION NAME) 74-83 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
UNLIMITED	52.2	54.0	54.4	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
20000	52.6	54.8	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
15000	61.7	62.8	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
10000	61.1	63.3	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
7000	67.1	65.6	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
5000	66.4	69.0	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
4000	69.8	72.0	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
3000	70.3	73.1	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
2500	73.3	75.1	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
2000	74.1	76.9	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
1500	79.2	81.1	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
1000	82.2	85.8	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
500	83.3	87.0	87.9	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
400	85.4	89.2	90.4	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
300	85.8	89.6	91.0	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
200	86.6	91.8	92.6	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
150	86.8	91.1	93.4	93.8	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
100	87.2	91.7	94.2	94.7	95.3	95.3	95.4	95.4	95.4	95.7	95.7	95.8	95.8	95.8
50	87.3	92.0	94.7	95.1	95.8	95.8	95.9	96.0	96.0	96.2	96.2	96.3	96.3	96.3
40	87.3	92.0	95.0	95.4	96.3	96.3	96.6	96.8	96.8	97.0	97.0	97.1	97.1	97.1
30	87.3	92.0	95.0	95.4	96.3	96.3	96.6	96.8	96.8	97.0	97.0	97.1	97.1	97.1
20	87.3	92.0	95.0	95.4	96.4	96.6	96.9	97.2	97.2	97.4	97.4	97.6	97.6	97.6
15	87.3	92.0	95.1	95.6	96.6	96.7	97.0	97.4	97.4	97.7	97.7	97.8	97.8	97.8
10	87.3	92.0	95.3	95.8	96.8	96.9	97.2	97.7	97.7	97.9	97.9	98.0	98.0	98.0
5	87.3	92.0	95.3	95.8	96.8	96.9	97.2	97.7	97.7	97.9	97.9	98.1	98.1	98.1
0	87.3	92.0	95.3	95.8	96.8	96.9	97.2	97.8	97.8	98.0	98.0	98.7	98.7	98.7
500	87.4	92.1	95.4	95.9	96.9	97.0	97.3	97.9	97.9	98.3	98.3	99.0	99.0	99.2
400	87.4	92.1	95.4	95.9	96.9	97.0	97.4	98.0	98.0	98.4	98.4	99.1	99.1	99.4
300	87.4	92.1	95.4	95.9	96.9	97.0	97.4	98.0	98.0	98.4	98.4	99.1	99.1	99.6	99.7
200	87.4	92.1	95.4	95.9	96.9	97.0	97.4	98.0	98.0	98.4	98.4	99.1	99.2	99.2	99.7	99.8
100	87.4	92.1	95.4	95.9	96.9	97.0	97.4	98.0	98.0	98.4	98.4	99.1	99.2	99.2	99.7	100.0
0	87.4	92.1	95.4	95.9	96.9	97.0	97.4	98.0	98.0	98.4	98.4	99.1	99.2	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

AL CLIMATOLOGY BRANCH
TAC
ATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

5 HILL AFB T 74-83 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00-23

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
≥20000	56.4	57.0	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥18000	61.2	62.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥16000	61.4	62.3	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥14000	64.[illegible]	65.2	65.9	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥12000	66.7	67.9	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥10000	69.8	71.1	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥9000	70.8	72.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥8000	73.0	74.4	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥7000	74.[illegible]	76.2	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥6000	77.4	79.6	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥5000	8[illegible].6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥4500	82.9	86.4	87.0	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
≥4000	84.[illegible]	87.9	88.4	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
≥3500	84.4	88.6	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥3000	85.3	9[illegible].7	91.3	91.7	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1
≥2500	85.4	91.2	92.4	93.0	93.3	93.3	93.4	93.7	93.7	93.8	93.9	93.9	94.0	94.0	94.0	94.0
≥2000	86.0	92.1	93.6	94.2	94.9	94.9	95.1	95.3	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.8
≥1800	86.0	92.1	93.6	94.2	95.0	95.0	95.2	95.4	95.4	95.7	95.8	95.8	95.9	95.9	95.9	95.9
≥1500	86.0	92.3	94.3	95.1	96.0	96.0	96.4	96.8	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.2
≥1200	86.0	92.3	94.4	95.2	96.2	96.2	96.7	97.0	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4
≥1000	86.0	92.3	94.6	95.3	96.4	96.4	97.0	97.4	97.4	97.8	97.9	97.9	98.0	98.0	98.0	98.0
≥900	86.7	92.7	95.0	95.8	96.9	96.9	97.6	98.0	98.0	98.3	98.4	98.4	98.6	98.6	98.6	98.6
≥800	86.7	92.7	95.1	95.9	97.0	97.0	97.7	98.2	98.2	98.7	98.8	98.8	98.9	98.9	98.9	98.9
≥700	86.2	92.7	95.1	95.9	97.0	97.0	97.7	98.2	98.2	98.7	98.8	98.8	98.9	98.9	98.9	98.9
≥600	86.2	92.7	95.2	96.0	97.1	97.1	97.8	98.3	98.3	98.9	99.0	99.0	99.1	99.1	99.1	99.1
≥500	86.2	92.7	95.2	96.0	97.1	97.1	97.9	98.6	98.6	99.3	99.4	99.4	99.7	99.7	99.7	99.7
≥400	86.2	92.7	95.2	96.0	97.1	97.1	97.9	98.6	98.6	99.3	99.4	99.4	99.7	99.7	99.7	99.7
≥300	86.2	92.7	95.2	96.0	97.1	97.1	97.9	98.6	98.6	99.3	99.4	99.4	99.7	99.7	99.7	99.7
≥200	86.2	92.7	95.2	96.0	97.1	97.1	97.9	98.6	98.6	99.3	99.4	99.4	99.7	99.7	99.7	99.8
≥100	86.2	92.7	95.2	96.0	97.1	97.1	97.9	98.6	98.6	99.4	99.6	99.6	99.9	99.9	99.9	100.0
≥0	86.2	92.7	95.2	96.0	97.1	97.1	97.9	98.6	98.6	99.4	99.6	99.6	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

1 [illegible] CLIMATOLOGY BRANCH
2 [illegible]TAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT (STATION NAME) 74-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-23CC (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
[illegible]	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
[illegible]	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
6000	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
[illegible]	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
4000	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	67.2
[illegible]	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
[illegible]	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
[illegible]	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
[illegible]	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
[illegible]	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
[illegible]	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
[illegible]	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
[illegible]	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
[illegible]	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	88.4
[illegible]	89.2	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
[illegible]	91.2	91.4	91.8	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
[illegible]	92.4	92.6	93.3	93.3	93.4	93.6	93.7	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
[illegible]	93.2	93.8	94.2	94.2	94.4	94.6	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
[illegible]	91.8	93.2	93.8	94.2	94.2	94.4	94.6	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9
[illegible]	92.2	94.1	94.7	95.1	95.1	95.4	95.6	95.7	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3
[illegible]	92.2	94.1	94.7	95.1	95.1	95.6	95.7	95.8	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4
[illegible]	92.4	94.4	95.2	95.8	95.8	96.7	96.8	96.9	97.4	97.9	97.9	98.0	98.0	98.0	98.0	98.0
900	92.8	94.8	95.7	96.2	96.2	97.1	97.2	97.3	97.9	98.3	98.3	98.4	98.4	98.4	98.4	98.4
800	92.8	94.8	95.7	96.2	96.2	97.1	97.2	97.3	97.9	98.3	98.3	98.4	98.4	98.4	98.4	98.4
700	92.8	94.8	95.7	96.2	96.2	97.2	97.3	97.4	98.0	98.4	98.4	98.6	98.6	98.6	98.6	98.6
600	92.8	94.8	95.7	96.2	96.2	97.2	97.3	97.4	98.0	98.4	98.4	98.7	98.8	98.8	98.8	98.8
500	92.8	94.8	95.7	96.2	96.2	97.2	97.4	97.6	98.1	99.0	99.2	99.4	99.6	99.6	99.6	99.6
400	92.8	94.8	95.7	96.2	96.2	97.2	97.4	97.6	98.1	99.0	99.2	99.4	99.6	99.6	99.6	99.6
300	92.8	94.8	95.7	96.2	96.2	97.2	97.4	97.6	98.1	99.0	99.2	99.4	99.6	99.6	99.6	99.6
200	92.8	94.8	95.7	96.2	96.2	97.2	97.4	97.6	98.1	99.1	99.3	99.6	99.7	99.8	99.9	99.9
100	92.8	94.8	95.7	96.2	96.2	97.2	97.4	97.6	98.1	99.1	99.3	99.6	99.7	99.8	99.9	99.9
0	92.8	94.8	95.7	96.2	96.2	97.2	97.4	97.6	98.2	99.2	99.4	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 500

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

STATION: HILL AFB UT — YEARS: 74-83 — MONTH: NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

TIME: ALL

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥7/2	≥2	≥1	≥1	≥3/4	≥5/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	55.2	56.5	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
≥ 20000	59.3	60.6	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
≥ 18000	60.2	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 6000	60.7	62.0	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 14000	62.5	64.1	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
≥ 12000	65.8	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 10000	69.9	71.7	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
≥ 9000	71.7	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 8000	77.8	75.6	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000	75.8	77.5	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 6000	79.7	80.9	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
≥ 5000	82.0	84.8	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4500	83.6	86.5	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
≥ 4000	85.0	88.4	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3500	85.7	89.2	90.0	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	86.4	91.4	91.5	91.8	92.1	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2500	87.0	91.3	92.8	93.1	93.6	93.6	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2000	87.3	91.8	93.6	94.0	94.6	94.6	94.8	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800	87.3	91.9	93.7	94.1	94.7	94.7	94.9	95.0	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 1500	87.4	92.1	94.1	94.6	95.3	95.3	95.6	95.8	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1
≥ 1200	87.4	92.1	94.2	94.7	95.4	95.5	95.8	96.0	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4
≥ 1000	87.5	92.1	94.4	95.0	95.8	95.8	96.5	96.8	96.9	97.2	97.4	97.4	97.5	97.5	97.5	97.5
≥ 900	87.5	92.2	94.6	95.2	96.0	96.1	96.7	97.1	97.1	97.5	97.7	97.7	97.8	97.8	97.8	97.8
≥ 800	87.5	92.2	94.6	95.3	96.0	96.2	96.8	97.2	97.3	97.7	97.9	98.0	98.1	98.1	98.1	98.1
≥ 700	87.5	92.2	94.6	95.3	96.0	96.2	96.8	97.3	97.3	97.8	98.0	98.1	98.2	98.2	98.2	98.3
≥ 600	87.5	92.2	94.6	95.3	96.1	96.2	96.9	97.4	97.5	97.9	98.2	98.3	98.5	98.5	98.5	98.6
≥ 500	87.6	92.3	94.7	95.3	96.1	96.2	97.0	97.5	97.6	98.2	98.6	98.8	99.1	99.1	99.2	99.3
≥ 400	87.6	92.3	94.7	95.3	96.1	96.3	97.0	97.6	97.6	98.3	98.6	98.9	99.1	99.2	99.3	99.4
≥ 300	87.6	92.3	94.7	95.4	96.2	96.3	97.1	97.6	97.7	98.3	98.8	99.0	99.3	99.4	99.6	99.7
≥ 200	87.6	92.3	94.7	95.4	96.2	96.3	97.1	97.6	97.7	98.4	98.8	99.1	99.4	99.5	99.7	99.8
≥ 100	87.6	92.3	94.7	95.4	96.2	96.3	97.1	97.6	97.7	98.4	98.8	99.1	99.4	99.5	99.7	99.9
≥ 0	87.6	92.3	94.7	95.4	96.2	96.3	97.1	97.6	97.7	98.4	98.9	99.1	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

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

...AL CLIMATOLOGY BRANCH
...TAC
...ERATION SERVICE/MAC

CEILING VERSUS VISIBILITY

...E HILL AFB UT — 74-81 — YEARS — DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2200

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	26	25	24	23	22	21	20	19	18	17	16	15	≥5/16	4	3	2	1	0
UNLIMITED	45.5	46.3	47.1	47.2	47.8	47.8	48.2	48.2	48.2	48.3	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
20000	42.2	42.[illegible]	49.8	49.9	50.5	50.5	50.9	50.9	50.9	51.0	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.5
15000	42.6	49.5	50.2	50.3	51.0	51.0	51.3	51.3	51.3	51.4	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	52.2
10000	42.6	42.5	50.2	50.3	51.0	51.[illegible]	51.3	51.3	51.3	51.4	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	52.2
9000	47.2	50.[illegible]	50.9	51.0	51.6	51.6	51.9	51.9	51.9	52.0	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.8
8000	44.6	51.7	52.5	52.6	53.2	53.2	53.5	53.5	53.5	53.7	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.4
7000	47.7	54.8	55.7	55.8	56.5	56.5	56.8	56.8	56.8	56.9	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.6
6000	48.4	55.5	56.3	56.5	57.1	57.1	57.4	57.4	57.4	57.5	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.3
5000	50.1	57.2	58.1	58.2	58.8	58.8	59.1	59.1	59.1	59.2	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	60.0
4500	52.2	59.4	60.9	61.0	61.6	61.6	61.9	61.9	61.9	62.0	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.8
4000	54.2	63.9	64.9	65.1	65.7	65.7	66.0	66.0	66.0	66.1	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.9
3500	63.4	71.6	72.8	72.9	73.5	73.5	73.9	73.9	73.9	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.7
3000	66.5	74.8	76.2	76.3	77.0	77.0	77.4	77.4	77.4	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.3
2500	68.4	77.0	78.5	78.6	79.2	79.2	79.9	79.9	79.9	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.8
2000	69.2	78.7	80.2	80.3	81.1	81.1	81.7	81.7	81.7	81.8	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.6
1800	70.5	81.1	83.0	83.1	83.9	83.9	84.5	84.5	84.5	84.6	84.8	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.5
1500	71.1	82.4	84.5	84.6	85.6	85.6	86.5	86.5	86.5	86.6	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.4
1400	71.3	83.2	85.4	85.7	87.0	87.0	88.1	88.1	88.1	88.2	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	89.0
1300	71.3	83.2	85.4	85.7	87.3	87.3	88.4	88.4	88.4	88.5	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	89.4
1200	71.3	83.4	85.8	86.2	88.0	88.0	89.6	89.7	89.7	89.8	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.8
1100	71.3	83.7	86.0	86.7	88.5	88.5	90.1	90.2	90.2	90.3	90.6	90.8	90.8	90.8	90.9	90.9	90.9	90.9	91.3
1000	71.3	83.7	86.0	86.8	88.6	88.6	90.4	90.5	90.6	91.1	91.5	91.6	91.8	91.9	91.9	91.9	91.9	91.9	92.4
900	71.3	83.7	86.0	86.8	88.6	88.6	90.4	90.5	90.8	91.2	91.6	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.5
800	71.3	83.7	86.0	86.8	88.6	88.6	90.5	90.8	91.1	91.6	92.0	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.9
700	71.3	83.8	86.1	87.0	88.8	88.8	90.9	91.1	91.4	92.0	92.7	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.5
600	71.3	83.8	86.1	87.0	88.8	88.8	90.9	91.2	91.5	92.6	93.3	93.8	93.7	93.8	93.9	93.9	93.9	93.9	94.3
500	71.3	83.8	86.1	87.0	88.8	88.9	91.1	91.4	91.9	93.1	93.9	94.0	94.2	94.3	94.5	94.5	94.5	94.5	94.9
400	71.3	83.8	86.1	87.0	88.8	88.9	91.2	91.5	92.2	93.5	94.8	94.5	94.7	94.8	95.1	95.1	95.1	95.1	95.5
300	71.3	84.0	86.3	87.2	89.0	89.1	91.4	91.9	92.6	94.1	95.7	95.8	96.1	96.3	96.6	96.7	96.7	96.7	97.0
200	71.3	84.0	86.3	87.2	89.0	89.1	91.4	91.9	92.6	94.2	95.8	96.0	96.5	96.7	97.5	98.2	98.2	98.2	98.2
100	71.3	84.0	86.3	87.2	89.0	89.1	91.4	91.9	92.6	94.2	95.8	96.1	96.6	96.8	97.6	98.5	98.5	98.5	98.5
0	71.3	84.0	86.3	87.2	89.0	89.1	91.4	91.9	92.6	94.2	95.8	96.1	96.6	96.8	97.6	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

2

AL CLIMATOLOGY BRANCH
TAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT (WATCH NAME) 74-81 (YEAR) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0100-0500~~ (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES ≥3	≥2	≥1	≥1/4	≥1/2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥5/16	≥1/4	≥0
[illegible]	[illegible]	[illegible]	49.2	49.6	49.8	49.8	50.1	50.1	50.1	50.1	50.5	50.5	50.6	50.6	50.6	50.9
[illegible]	[illegible]	51.6	51.9	52.2	52.2	52.5	52.5	52.5	52.5	52.9	52.9	53.0	53.0	53.0	53.2
[illegible]	[illegible]	51.8	52.2	52.4	52.4	52.7	52.7	52.7	52.7	53.1	53.1	53.2	53.2	53.2	53.4
[illegible]	51.2	52.[illegible]	52.4	52.6	52.6	52.9	52.9	52.9	52.9	53.3	53.3	53.4	53.4	53.4	53.7
[illegible]	51.7	53.6	52.7	53.1	53.1	53.4	53.4	53.4	53.4	53.9	53.9	54.0	54.0	54.0	54.2
[illegible]	53.2	54.1	54.8	54.7	54.7	55.1	55.1	55.1	55.1	55.5	55.5	55.6	55.6	55.6	55.8
[illegible]	57.0	57.8	58.2	58.5	58.5	58.8	58.8	58.8	58.8	59.2	59.2	59.4	59.4	59.4	59.6
[illegible]	57.6	58.5	58.8	59.1	59.1	59.5	59.5	59.5	59.5	59.9	59.9	60.0	60.0	60.0	60.2
[illegible]	[illegible]	60.2	60.5	61.9	60.9	61.2	61.2	61.2	61.2	61.6	61.6	61.7	61.7	61.7	61.9
[illegible]	61.7	62.6	62.9	63.2	63.2	63.5	63.5	63.5	63.5	64.0	64.0	64.1	64.1	64.1	64.3
[illegible]	65.2	66.1	66.5	66.8	66.8	67.1	67.1	67.1	67.1	67.5	67.5	67.6	67.6	67.6	67.8
[illegible]	71.8	72.[illegible]	73.2	73.5	73.5	73.9	73.9	73.9	73.9	74.3	74.3	74.4	74.4	74.4	74.6
[illegible]	76.[illegible]	77.2	77.5	77.8	77.8	78.2	78.2	78.2	78.2	78.6	78.6	78.7	78.7	78.7	78.9
[illegible]	77.5	78.8	79.1	79.5	79.5	80.0	80.0	80.0	80.0	80.4	80.4	80.5	80.5	80.5	80.8
[illegible]	79.[illegible]	[illegible]	[illegible]	81.0	81.[illegible]	81.5	81.5	81.5	81.5	81.9	81.9	82.0	82.0	82.0	82.3
[illegible]	81.5	83.[illegible]	83.4	84.0	84.[illegible]	84.5	84.5	84.5	84.5	84.9	84.9	85.1	85.1	85.1	85.3
[illegible]	81.9	83.5	84.[illegible]	84.7	84.7	85.5	85.5	85.5	85.5	86.0	86.0	86.1	86.1	86.1	86.3
[illegible]	82.7	84.7	85.3	86.3	86.3	87.3	87.3	87.3	87.5	88.1	88.1	88.2	88.2	88.2	88.4
[illegible]	82.8	84.8	85.4	86.5	86.5	87.4	87.4	87.4	87.6	88.2	88.2	88.3	88.3	88.3	88.5
[illegible]	82.9	85.3	85.9	87.1	87.2	88.4	88.4	88.4	88.7	89.2	89.2	89.4	89.4	89.4	89.6
[illegible]	83.0	85.4	86.0	87.2	87.3	88.6	88.8	88.8	89.1	89.7	89.7	89.8	89.8	89.8	90.0
[illegible]	83.[illegible]	85.4	86.1	87.6	87.7	89.1	89.6	89.6	90.1	90.9	90.9	91.1	91.1	91.1	91.3
[illegible]	83.[illegible]	85.4	86.1	87.7	87.8	89.2	89.9	89.9	90.4	91.2	91.2	91.4	91.4	91.4	91.6
[illegible]	83.[illegible]	85.6	86.3	88.1	88.2	89.6	90.2	90.2	90.9	91.7	91.7	91.9	91.9	92.0	92.3
[illegible]	83.[illegible]	85.6	86.3	88.1	88.2	89.6	90.2	90.2	91.0	92.0	92.0	92.3	92.3	92.4	92.6
[illegible]	83.[illegible]	85.8	86.6	88.3	88.4	89.9	90.6	90.6	91.5	92.7	92.8	93.1	93.1	93.5	93.8
[illegible]	83.0	85.8	86.7	88.4	88.5	90.1	91.1	91.4	92.3	93.8	93.9	94.3	94.3	94.8	95.1
[illegible]	83.0	85.8	86.7	88.4	88.5	90.2	91.2	91.6	92.6	94.1	94.2	94.6	94.6	95.2	95.5
[illegible]	83.0	85.8	86.7	88.4	88.5	90.3	91.4	92.4	93.4	94.9	95.2	95.8	95.8	96.3	96.8
[illegible]	83.0	85.8	86.7	88.4	88.5	90.3	91.8	92.8	93.5	95.3	95.6	96.7	96.9	97.4	98.3
[illegible]	83.0	85.8	86.7	88.4	88.5	90.3	91.4	92.4	93.5	95.3	95.6	96.7	96.9	97.4	98.8
[illegible]	83.0	85.8	86.7	88.4	88.5	90.3	91.4	92.4	93.5	95.3	95.6	96.7	96.9	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

2

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT (STATION NAME) 74-83 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-[illegible] (HOUR LST)

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
≥ [illegible]	41.4	45.1	45.9	46.2	46.5	46.5	46.6	46.7	46.7	46.9	47.1	47.1	47.2	47.2	47.2	47.8
≥ [illegible]	49.5	48.5	49.4	49.7	49.9	49.9	50.0	50.1	50.1	50.3	50.5	50.5	50.6	50.6	50.6	51.3
≥ 1000	49.2	49.8	49.7	50.0	50.2	50.3	50.3	50.4	50.4	50.6	50.9	50.9	51.0	51.0	51.0	51.6
≥ [illegible]	45.4	49.[illegible]	49.9	50.2	50.4	50.4	50.5	50.6	50.6	50.9	51.1	51.1	51.2	51.2	51.2	51.8
≥ 4000	47.5	51.1	51.[illegible]	51.3	51.5	51.5	51.6	51.7	51.7	51.9	52.2	52.2	52.3	52.3	52.3	52.9
≥ 3000	47.4	51.5	52.5	52.8	53.0	53.4	53.1	53.2	53.2	53.8	53.8	53.9	54.0	54.0	54.0	54.6
≥ [illegible]	51.1	5[illegible].4	56.3	56.7	56.9	56.9	57.0	57.1	57.1	57.3	57.6	57.7	57.8	57.8	57.8	58.5
≥ 2000	51.6	56.0	57.0	57.3	57.5	57.5	57.6	57.7	57.7	58.0	58.3	58.4	58.5	58.5	58.5	59.1
≥ 1800	54.4	58.9	59.9	60.2	60.4	60.4	60.5	60.6	60.6	60.9	61.2	61.3	61.4	61.4	61.4	62.0
≥ 1500	57.7	61.5	62.8	63.1	63.3	63.3	63.4	63.5	63.5	63.8	64.1	64.2	64.3	64.3	64.3	64.9
≥ 1000	63.2	65.8	66.9	67.3	67.5	67.5	67.6	67.7	67.7	68.1	68.4	68.5	68.6	68.6	68.6	69.2
≥ 500	66.6	71.2	72.4	72.8	73.0	73.0	73.1	73.2	73.2	73.5	73.9	74.0	74.1	74.1	74.1	74.7
≥ 450	69.4	74.4	75.7	76.1	76.3	76.3	76.5	76.7	76.7	77.0	77.3	77.4	77.5	77.5	77.5	78.2
≥ 400	7[illegible].4	75.8	77.4	78.[illegible]	78.2	78.2	78.3	78.5	78.5	78.8	79.1	79.2	79.4	79.4	79.4	80.0
≥ 300	71.1	76.9	78.8	79.4	79.6	79.6	79.7	79.9	79.9	80.2	80.5	80.6	80.8	80.8	80.8	81.4
≥ 200	71.6	78.2	80.4	81.2	81.7	81.7	82.0	82.3	82.3	82.6	82.9	83.0	83.1	83.1	83.1	83.8
≥ 150	72.3	79.0	81.4	82.5	83.2	83.2	83.5	83.8	83.8	84.1	84.5	84.6	84.7	84.7	84.7	85.4
≥ 100	72.3	79.2	82.2	83.3	84.3	84.3	84.8	85.2	85.2	85.8	86.2	86.3	86.5	86.5	86.5	87.1
≥ 80	72.3	79.4	82.4	83.5	84.5	84.5	85.1	85.4	85.4	86.0	86.6	86.7	86.8	86.8	86.8	87.4
≥ 60	72.6	79.7	83.0	84.3	85.4	85.4	86.0	86.5	86.6	87.4	88.0	88.2	88.3	88.3	88.3	88.9
≥ 50	72.7	8[illegible].3	83.7	84.9	86.0	86.0	86.7	87.3	87.4	88.5	89.0	89.2	89.4	89.4	89.4	90.0
≥ 40	72.7	8[illegible].4	84.1	85.4	86.5	86.5	87.2	88.2	88.4	89.8	90.5	90.8	90.9	91.0	91.0	91.6
≥ 30	72.7	8[illegible].4	84.2	85.5	86.6	86.6	87.3	88.3	88.5	89.9	90.6	90.9	91.0	91.1	91.1	91.7
≥ 20	72.7	8[illegible].4	84.2	85.5	86.6	86.6	87.4	88.4	88.6	90.2	91.1	91.3	91.5	91.7	91.7	92.4
≥ 15	72.7	8[illegible].4	84.2	85.5	86.6	86.6	87.4	88.4	88.6	90.4	91.3	91.5	91.7	91.9	91.9	92.6
≥ 10	72.7	80.4	84.2	85.5	86.6	86.6	87.5	88.7	88.9	90.8	91.6	91.8	92.0	92.3	92.4	93.0
≥ 5	72.7	80.4	84.2	85.5	86.6	86.7	87.6	88.9	89.1	91.4	92.4	92.8	93.0	93.2	93.4	94.3
≥ 0	72.7	80.4	84.2	85.5	86.6	86.7	87.6	88.9	89.1	91.6	92.6	93.0	93.2	93.7	94.0	94.9
≥ 300	72.7	80.4	84.2	85.5	86.6	86.7	87.7	89.1	89.4	91.9	93.2	93.6	94.3	94.8	95.6	96.6
≥ 200	72.7	80.4	84.2	85.5	86.6	86.7	87.7	89.1	89.4	92.2	93.7	94.2	95.2	95.8	96.7	98.1
≥ 100	72.7	80.4	84.2	85.5	86.6	86.7	87.7	89.1	89.4	92.2	93.7	94.2	95.3	95.9	96.8	98.5
≥ 0	72.7	80.4	84.2	85.5	86.6	86.7	87.7	89.1	89.4	92.2	93.7	94.2	95.3	95.9	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

AL CLIMATOLOGY BRANCH
ETAC
HEAD FOR SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT (STATION NAME) 78-83 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0000-2300~~ (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥	≥5/16	≥¼	≥0
≥ UNLIMITED	37.7	38.7	39.8	40.4	40.6	40.9	41.3	41.6	41.6	41.6	41.6	41.6	41.7	41.8	42.0	42.6
≥ 20000	39.2	41.4	42.5	43.2	44.4	43.7	44.1	44.4	44.4	44.4	44.4	44.4	44.5	44.6	44.8	45.4
≥ 15000	41.[illegible]	43.1	44.2	44.9	45.2	45.4	45.8	46.1	46.1	46.1	46.1	46.1	46.2	46.3	46.6	47.1
≥ 10000	41.5	43.7	44.7	45.5	45.7	45.9	46.3	46.7	46.7	46.7	46.7	46.7	46.8	46.9	47.1	47.6
≥ 4000	42.6	44.7	45.8	46.6	46.8	47.[illegible]	47.4	47.7	47.7	47.7	47.7	47.7	47.8	48.0	48.2	48.7
≥ 3000	42.2	47.4	48.7	49.5	49.9	50.1	50.5	50.9	50.9	50.9	50.9	50.9	51.0	51.1	51.3	51.8
≥ 2500	4[illegible].7	[illegible]1.2	52.5	53.2	53.7	53.9	54.3	54.6	54.6	54.6	54.6	54.6	54.7	54.8	55.1	55.6
≥ 2000	50.2	52.9	54.2	54.9	55.4	55.6	56.0	56.3	56.3	56.3	56.3	56.3	56.5	56.6	56.8	57.3
≥ 1800	52.[illegible]	55.3	56.7	57.4	58.0	58.2	58.6	59.0	59.0	59.0	59.0	59.0	59.1	59.2	59.6	60.2
≥ 1500	55.7	58.7	60.2	61.1	61.6	61.8	62.3	62.7	62.7	62.7	62.7	62.7	62.9	63.0	63.3	64.0
≥ 1200	60.3	63.5	65.2	66.0	66.6	66.8	67.2	67.6	67.6	67.6	67.6	67.6	67.8	68.0	68.3	68.9
≥ 1000	65.5	69.2	71.3	72.3	72.8	73.0	73.4	73.9	73.9	73.9	74.0	74.0	74.3	74.5	74.9	75.6
≥ 900	68.4	71.9	74.3	75.5	76.1	76.3	76.8	77.2	77.2	77.2	77.3	77.3	77.6	77.8	78.3	78.9
≥ 800	70.2	74.[illegible]	76.5	77.7	78.5	78.7	79.1	79.6	79.6	79.6	79.7	79.7	80.0	80.2	80.6	81.3
≥ 700	71.3	75.2	77.7	79.1	79.9	80.1	80.5	81.0	81.0	81.0	81.1	81.1	81.4	81.6	82.0	82.7
≥ 600	72.2	76.6	79.6	81.[illegible]	81.9	82.3	82.9	83.3	83.3	83.4	83.5	83.5	84.0	84.2	84.6	85.3
≥ 500	72.6	77.7	8[illegible].8	82.2	83.1	83.4	84.2	84.6	84.6	84.7	84.8	84.8	85.3	85.5	85.9	86.6
≥ 400	72.2	78.1	81.7	83.8	84.8	85.2	85.9	86.5	86.5	86.7	86.8	86.8	87.2	87.4	87.8	88.5
≥ 300	72.7	78.1	81.9	83.7	85.1	85.4	86.1	86.7	86.7	86.9	87.0	87.0	87.4	87.6	88.1	88.7
≥ 200	72.7	78.1	81.9	83.7	85.1	85.4	86.1	87.1	87.2	87.4	87.5	87.6	88.1	88.3	88.7	89.4
≥ 100	72.8	78.4	82.3	84.0	85.5	85.8	86.6	87.5	87.6	87.8	88.[illegible]	88.1	88.5	88.7	89.1	89.8
≥ 0	72.9	78.5	82.4	84.1	85.6	85.9	87.0	88.2	88.4	88.6	88.8	88.9	89.4	89.6	9[illegible].0	90.6
	72.9	78.5	82.4	84.1	85.6	85.9	87.0	88.2	88.4	88.6	88.8	88.9	89.6	89.8	9[illegible].2	90.9
	72.9	78.5	82.4	84.1	85.6	85.9	87.3	88.5	88.7	89.7	90.3	90.5	91.3	91.6	92.0	92.7
	72.9	78.5	82.4	84.1	85.6	86.[illegible]	87.8	88.6	88.8	89.9	90.6	91.0	91.7	92.2	92.6	93.2
	72.9	78.5	82.4	84.1	85.6	86.[illegible]	87.8	88.8	89.0	90.4	91.5	92.2	93.1	93.5	94.0	94.6
	72.9	78.5	82.4	84.1	85.6	86.[illegible]	87.5	89.1	89.5	90.9	91.9	92.6	93.7	94.1	94.6	95.7
	72.9	78.5	82.4	84.1	85.6	86.[illegible]	87.5	89.1	89.5	91.0	92.0	92.9	94.3	94.7	95.5	97.4
	72.9	78.5	82.4	84.1	85.6	86.0	87.5	89.1	89.5	91.0	92.2	93.0	94.8	95.3	96.5	98.8
	72.9	78.5	82.4	84.1	85.6	86.0	87.5	89.1	89.5	91.0	92.2	93.0	94.4	95.3	96.6	99.1
	72.9	78.5	82.4	84.1	85.6	86.0	87.5	89.1	89.5	91.0	92.2	93.0	94.8	95.3	96.6	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

2[illegible]5 HILL AFB, UT (STATION NAME) 74-83 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-[illegible] (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
[illegible]	[illegible]	36.6	38.9	39.9	40.3	41.0	41.6	41.8	42.0	42.8	43.0	43.0	43.0	43.0	43.2
[illegible]	[illegible]	[illegible]	42.6	43.5	44.3	45.1	45.7	45.9	46.1	46.9	47.1	47.1	47.1	47.2	47.3
[illegible]	39.5	41.5	44.[illegible]	44.9	45.7	46.5	47.1	47.3	47.5	48.3	48.5	48.5	48.5	48.5	48.6	48.7
[illegible]	[illegible]	[illegible]	49.6	45.7	46.5	47.2	47.8	48.1	48.3	49.0	49.2	49.2	49.2	49.2	49.4	49.5
[illegible]	[illegible]	43.7	46.2	47.3	48.1	48.8	49.5	49.7	49.9	50.6	50.9	50.9	50.9	50.9	51.0	51.1
[illegible]	46.1	48.8	49.9	[illegible]	51.4	52.0	52.3	52.5	53.2	53.4	53.4	53.4	53.4	53.5	53.7
[illegible]	[illegible]	48.8	51.5	52.6	53.3	54.1	54.7	54.9	55.2	55.9	56.1	56.1	56.1	56.1	56.2	56.3
[illegible]	51.7	54.4	55.5	56.2	[illegible]	57.6	57.8	58.1	58.8	59.0	59.0	59.0	59.0	59.1	59.2
[illegible]	53.9	56.6	57.6	58.4	59.1	59.8	60.0	60.2	61.0	61.2	61.3	61.3	61.3	61.4	61.5
[illegible]	57.2	60.0	61.1	61.8	62.6	63.2	63.4	63.7	64.8	64.6	64.7	64.7	64.7	64.9	65.1
[illegible]	[illegible]	63.5	64.7	65.5	66.2	66.9	67.1	67.3	68.1	68.3	68.4	68.4	68.4	68.6	68.7
[illegible]	65.4	68.7	70.0	70.9	71.6	72.4	72.6	72.8	73.8	74.1	74.2	74.2	74.2	74.4	74.5
[illegible]	68.1	71.5	72.8	73.8	74.5	75.3	75.7	75.9	76.9	77.2	77.3	77.3	77.3	77.5	77.6
[illegible]	[illegible]	74.0	75.4	76.7	77.4	78.3	78.7	78.9	80.0	80.3	80.4	80.4	80.4	80.6	80.8
[illegible]	71.3	74.9	76.6	77.8	78.6	79.5	79.9	80.1	81.2	81.6	81.7	81.7	81.7	81.9	82.0
[illegible]	73.2	77.2	79.1	[illegible]	81.4	82.3	82.7	82.9	[illegible]	84.4	84.5	84.5	84.5	84.7	84.8
[illegible]	74.3	78.5	[illegible]	82.0	83.0	84.0	84.4	84.6	85.7	86.1	86.2	86.2	86.2	86.5	86.6
[illegible]	74.5	79.1	81.3	83.0	84.0	85.4	86.0	86.2	87.3	87.7	87.8	87.8	87.8	88.1	88.2
[illegible]	74.6	79.2	81.4	83.1	84.1	85.5	86.1	86.3	87.4	87.8	88.0	88.0	88.0	88.2	88.3
[illegible]	74.7	79.5	81.6	83.4	84.4	85.8	86.7	87.0	88.2	88.6	88.7	88.7	88.7	88.9	89.0
[illegible]	74.7	79.5	81.6	83.5	84.5	86.0	86.9	87.2	88.4	89.1	89.2	89.4	89.4	89.6	89.7
[illegible]	74.9	79.9	82.2	84.1	85.1	86.8	87.8	88.2	89.5	90.5	90.6	90.8	90.8	91.0	91.1
[illegible]	74.9	79.9	82.2	84.1	85.1	86.8	88.0	88.3	89.6	90.6	90.8	90.9	90.9	91.1	91.2
[illegible]	74.9	79.9	82.2	84.1	85.1	86.9	88.1	88.4	90.0	91.4	91.5	91.6	91.6	91.8	91.9
[illegible]	74.9	79.9	82.2	84.1	85.1	86.9	88.2	88.5	90.1	91.5	91.6	91.7	91.7	91.9	92.2
[illegible]	74.9	79.9	82.2	84.2	85.2	87.1	88.5	88.8	90.6	92.2	92.3	92.4	92.4	92.6	92.9
[illegible]	74.9	79.9	82.2	84.2	85.2	87.1	88.5	88.9	91.2	92.8	93.0	93.4	93.7	94.1	94.5
[illegible]	74.9	79.9	82.2	84.2	85.2	87.1	88.5	88.9	91.6	93.5	93.9	94.4	94.6	95.3	96.1
[illegible]	74.9	79.9	82.2	84.2	85.2	87.2	88.6	89.0	91.7	93.8	94.2	95.4	96.1	96.8	97.6
[illegible]	74.9	79.9	82.2	84.2	85.2	87.2	88.6	89.0	91.7	93.8	94.4	95.6	96.3	97.4	98.5
[illegible]	74.9	79.9	82.2	84.2	85.2	87.2	88.6	89.0	91.7	93.8	94.4	95.7	96.5	97.6	99.4
[illegible]	74.9	79.9	82.2	84.2	85.2	87.2	88.6	89.0	91.7	93.8	94.8	95.7	96.5	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

[illegible]RAL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT (STATION NAME) 74-83 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	[illegible]	33.4	36.[illegible]	37.6	38.5	39.4	40.4	41.0	41.1	41.5	41.8	41.8	42.0	42.0	42.2
≥ 20000	[illegible]	36.1	39.2	40.5	41.5	42.4	43.4	44.0	44.1	44.5	44.8	44.8	45.1	45.1	45.2
≥ 18000	3[illegible]	37.2	4[illegible].4	41.7	42.7	43.5	44.6	45.2	45.3	45.7	46.0	46.0	46.2	46.2	46.5
≥ 16000	[illegible]	37.7	41.0	42.3	43.2	44.1	45.2	45.7	45.8	46.2	46.6	46.6	46.8	46.8	47.0
≥ 14000	3[illegible]	39.2	42.8	44.1	45.1	45.9	47.0	47.5	47.6	48.1	48.4	48.4	48.6	48.6	48.8
≥ 12000	[illegible]	40.3	45.9	47.3	48.3	49.1	50.2	50.8	50.9	51.3	51.6	51.6	51.8	51.8	52.0
≥ 10000	41.0	45.5	49.1	51.5	51.5	52.4	53.4	54.0	54.1	54.5	54.8	54.8	55.2	55.2	55.4
≥ 9000	43.5	47.3	51.0	52.5	53.4	54.3	55.8	55.9	56.0	56.5	56.8	56.8	57.1	57.1	57.3
≥ 8000	4[illegible].6	51.2	54.8	56.3	57.3	58.2	59.2	59.8	59.9	60.3	60.6	60.6	61.0	61.0	61.2
≥ 7000	50.3	53.5	57.5	59.0	60.0	60.9	61.9	62.5	62.6	63.0	63.3	63.3	63.7	63.7	63.9
≥ 6000	54.7	58.7	62.5	64.0	64.9	65.9	67.0	67.5	67.6	68.1	68.4	68.4	68.7	68.7	68.9
≥ 5000	59.1	63.8	67.5	69.0	70.1	71.2	72.3	72.8	72.9	73.3	73.7	73.7	74.1	74.1	74.3
≥ 4500	61.9	66.6	7[illegible].3	71.8	72.9	74.0	75.1	75.7	75.8	76.2	76.7	76.7	77.1	77.1	77.3
≥ 4000	64.1	69.9	72.9	74.5	75.7	76.8	78.0	78.6	78.7	79.4	79.8	79.8	80.2	80.3	80.5
≥ 3500	65.2	7[illegible].2	74.4	76.0	77.4	78.6	79.8	80.4	80.5	81.2	81.6	81.6	82.0	82.2	82.4
≥ 3000	65.8	71.4	76.0	78.0	79.7	81.9	82.0	82.7	82.8	83.4	84.0	84.0	84.4	84.5	84.7
≥ 2500	66.5	72.3	77.0	78.9	8[illegible].9	82.[illegible]	83.3	84.2	84.3	84.9	85.5	85.5	85.9	86.0	86.2
≥ 2000	66.7	72.5	77.4	79.4	81.5	82.7	84.2	85.3	85.4	86.1	86.8	86.8	87.2	87.3	87.5
≥ 1800	66.7	72.5	77.4	79.4	81.6	82.9	84.4	85.5	85.6	86.3	87.0	87.0	87.4	87.5	87.7
≥ 1500	66.8	72.9	78.2	80.1	82.4	83.7	85.5	86.8	87.2	88.0	88.6	88.6	89.0	89.1	89.4
≥ 1200	66.9	73.0	78.3	80.2	82.5	83.8	85.6	86.9	87.3	88.3	88.9	88.9	89.4	89.5	89.7
≥ 1000	66.9	73.1	78.5	80.5	82.9	84.2	86.2	88.0	88.5	89.8	90.6	90.9	91.4	91.5	91.7
≥ 900	66.4	73.1	78.5	80.5	82.9	84.2	86.2	88.0	88.5	89.8	90.6	90.9	91.4	91.5	91.7
≥ 800	66.9	73.1	78.5	80.5	83.0	84.3	86.3	88.4	88.9	90.3	91.2	91.4	92.2	92.3	92.5
≥ 700	66.9	73.1	78.6	80.6	83.1	84.4	86.5	88.5	89.0	90.5	91.7	91.9	92.7	92.9	93.1
≥ 600	66.9	73.1	78.6	80.6	83.1	84.4	86.5	88.5	89.0	90.6	91.8	92.0	92.8	93.0	93.3
≥ 500	66.9	73.1	78.6	80.6	83.1	84.4	86.5	88.5	89.0	90.9	92.3	92.5	93.4	93.7	93.8
≥ 400	66.9	73.1	78.6	80.6	83.1	84.4	86.5	88.6	89.1	91.1	92.8	93.2	94.3	94.5	94.7
≥ 300	66.9	73.1	78.6	80.6	83.1	84.4	86.5	88.6	89.1	91.6	93.7	94.2	95.7	95.9	96.1
≥ 200	66.9	73.1	78.6	80.6	83.1	84.4	86.5	88.6	89.1	91.6	93.9	94.4	95.9	96.1	96.8
≥ 100	66.9	73.1	78.6	80.6	83.1	84.4	86.5	88.6	89.1	91.6	93.9	94.4	95.9	96.1	96.9	98.8
≥ 0	66.9	73.1	78.6	80.6	83.1	84.4	86.5	88.6	89.1	91.6	93.9	94.4	95.9	96.1	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

2

LOCAL CLIMATOLOGY BRANCH
SCOTTAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12-25 HILL AFB UT (STATION NAME) 74-83 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18:00-2000

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥	≥	≥	≥5/16	≥	≥0
NO CEILING	35.5	35.1	38.5	39.7	41.1	41.1	41.3	41.4	41.4	41.5	41.7	41.7	41.7	41.7	41.8	42.3
≥20000	37.2	37.[illegible]	41.5	41.7	41.1	43.1	43.3	43.4	43.4	43.5	43.8	43.8	43.8	43.8	43.9	44.3
≥18000	38.5	38.2	41.7	42.9	44.3	44.3	44.5	44.6	44.6	44.7	44.9	44.9	44.9	44.9	45.1	45.5
≥16000	38.[illegible]	38.4	41.9	43.1	44.5	44.5	44.7	44.8	44.8	44.9	45.2	45.2	45.2	45.2	45.3	45.7
≥14000	36.3	4[illegible].8	44.5	45.7	47.1	47.1	47.3	47.4	47.4	47.5	47.7	47.7	47.7	47.7	47.8	48.3
≥12000	39.0	43.5	47.8	49.[illegible]	5[illegible].4	50.4	50.6	50.8	50.8	50.9	51.1	51.1	51.1	51.1	51.2	51.6
≥10000	42.8	47.6	51.8	53.0	54.4	54.4	54.6	54.7	54.7	54.8	55.1	55.1	55.1	55.1	55.2	55.6
≥9000	48.4	49.2	53.4	54.6	56.0	56.[illegible]	56.2	56.3	56.3	56.5	56.7	56.7	56.7	56.7	56.8	57.2
≥8000	47.8	52.7	56.9	58.1	59.6	59.6	59.8	59.9	59.9	60.0	60.2	60.2	60.2	60.2	60.3	60.8
≥7000	49.8	54.6	58.8	60.0	61.5	61.5	61.7	61.8	61.8	61.9	62.2	62.2	62.2	62.2	62.3	62.7
≥6000	54.4	59.5	63.7	64.9	66.5	66.5	66.7	66.8	66.8	66.9	67.1	67.1	67.1	67.1	67.2	67.6
≥5000	59.6	65.1	69.5	70.8	72.3	72.3	72.5	72.6	72.6	72.7	72.9	72.9	72.9	72.9	73.0	73.4
≥4500	62.2	68.3	73.1	74.4	75.9	75.9	76.1	76.2	76.2	76.3	76.6	76.6	76.6	76.6	76.7	77.1
≥4000	64.3	7[illegible].5	75.6	77.1	78.6	78.6	78.8	79.0	79.0	79.1	79.4	79.4	79.4	79.4	79.5	79.9
≥3500	64.6	71.1	76.1	77.7	79.2	79.2	79.5	79.7	79.7	79.8	80.0	80.0	80.0	80.0	80.1	80.5
≥3000	66.[illegible]	73.1	78.7	80.4	82.2	82.2	82.5	82.7	82.7	82.8	83.0	83.0	83.0	83.0	83.1	83.5
≥2500	66.7	73.6	79.4	81.2	83.1	83.1	83.4	83.7	83.7	83.8	84.0	84.0	84.0	84.0	84.1	84.5
≥2000	66.7	74.8	81.5	83.4	85.7	85.8	86.1	86.6	86.6	86.8	87.0	87.0	87.0	87.0	87.1	87.5
≥1800	66.8	74.9	81.6	83.5	85.8	85.9	86.2	86.7	86.7	86.9	87.1	87.1	87.1	87.1	87.2	87.6
≥1500	66.8	75.5	82.6	84.5	86.8	86.9	87.6	88.2	88.2	88.6	88.9	88.9	89.0	89.0	89.1	89.6
≥1200	66.8	75.5	82.7	84.7	87.0	87.1	87.8	88.4	88.4	88.8	89.2	89.2	89.4	89.4	89.5	89.9
≥1000	66.8	75.6	83.0	85.2	87.5	87.6	88.4	88.9	88.9	89.4	89.8	89.8	89.9	89.9	90.0	90.4
≥900	66.8	75.6	83.0	85.3	87.6	87.7	88.5	89.0	89.1	89.7	90.1	90.2	90.3	90.3	90.4	90.9
≥800	66.8	75.6	83.0	85.3	87.8	88.1	88.8	89.5	89.6	90.3	91.2	91.3	91.4	91.4	91.5	91.9
≥700	66.8	75.6	83.1	85.4	88.1	88.2	89.1	89.8	89.9	90.9	91.7	91.8	92.2	92.2	92.3	92.7
≥600	66.8	75.6	83.1	85.4	88.1	88.2	89.1	89.8	90.1	91.1	92.3	92.4	92.7	92.7	92.8	93.2
≥500	66.8	75.6	83.2	85.5	88.2	88.4	89.4	90.1	90.5	91.6	93.1	93.2	93.5	93.5	93.7	94.1
≥400	66.8	75.6	83.2	85.5	88.2	88.4	89.4	90.1	90.6	91.9	93.4	93.5	93.9	93.9	94.1	94.5
≥300	66.8	75.6	83.2	85.5	88.3	88.5	89.6	90.4	91.0	92.4	94.2	94.4	95.1	95.1	95.3	95.7
≥200	66.8	75.6	83.2	85.5	88.3	88.5	89.6	90.5	91.1	92.5	94.6	94.8	95.5	95.6	96.0	97.3
≥100	66.8	75.6	83.2	85.5	88.3	88.5	89.6	90.6	91.2	92.6	94.7	94.9	95.6	95.7	96.1	98.1
≥0	66.8	75.6	83.2	85.5	88.3	88.5	89.6	90.6	91.2	92.6	94.7	94.9	95.6	95.7	96.1	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
USFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2155 HALL AFB IT — STATION NAME — 74-81 — YEARS — DEC — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21,0-23:00 — HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
≥ UNLIMITED	35.4	4[illegible].9	43.5	44.5	44.9	44.9	45.1	45.4	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.9
	41.2	42.7	45.8	46.3	46.8	46.8	46.9	47.2	47.2	47.5	47.5	47.5	47.5	47.5	47.5	47.7
≥ 8000	37.5	43.[illegible]	45.7	46.7	47.1	47.[illegible]	47.2	47.5	47.5	47.8	47.8	47.8	47.8	47.8	47.8	48.1
≥ 6000	38.1	43.5	46.2	47.2	47.6	47.6	47.7	48.2	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.7
≥ 4000	39.9	44.4	47.1	48.1	48.5	48.5	48.6	49.0	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.6
≥ 2000	40.2	46.3	49.0	50.0	50.4	50.4	50.5	51.0	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.6
≥ 10000	44.4	50.8	53.4	54.4	54.8	54.8	54.9	55.4	55.4	55.7	55.7	55.7	55.7	55.7	55.7	56.0
≥ 9000	45.6	51.9	54.6	55.6	56.0	56.0	56.1	56.6	56.6	56.9	56.9	56.9	56.9	56.9	56.9	57.2
≥ 8000	47.8	54.4	57.1	58.1	58.5	58.5	58.7	59.1	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.8
≥ 7000	50.2	56.3	59.6	60.5	61.0	61.0	61.2	61.6	61.6	61.9	61.9	61.9	61.9	61.9	61.9	62.3
≥ 6000	54.9	61.8	64.5	65.5	65.9	65.9	66.1	66.6	66.6	66.9	66.9	66.9	66.9	66.9	66.9	67.2
≥ 5000	57.0	68.0	71.6	71.6	72.0	72.0	72.8	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 4500	64.1	72.3	75.3	76.2	76.7	76.7	77.2	77.6	77.6	78.0	78.0	78.0	78.1	78.1	78.2	78.5
≥ 4000	65.3	73.9	77.2	78.3	78.7	78.7	79.2	79.8	79.8	80.2	80.2	80.2	80.3	80.3	80.4	80.8
≥ 3500	66.6	75.5	78.9	80.1	8[illegible].5	80.5	81.1	81.6	81.6	82.0	82.0	82.0	82.2	82.2	82.3	82.6
≥ 3000	67.6	77.2	8[illegible].8	82.2	82.7	82.8	83.3	83.9	83.9	84.3	84.3	84.3	84.4	84.4	84.5	84.8
≥ 2500	69.4	78.8	82.7	84.1	84.7	84.8	85.4	85.9	85.9	86.3	86.3	86.3	86.5	86.5	86.6	86.9
≥ 2000	69.4	79.4	83.9	85.4	86.5	86.7	87.2	88.0	88.0	88.4	88.4	88.4	88.5	88.5	88.6	88.9
≥ 1800	69.4	79.4	84.1	85.6	86.7	86.9	87.4	88.2	88.2	88.6	88.6	88.6	88.7	88.7	88.8	89.1
≥ 1500	69.5	79.9	84.8	86.5	87.5	87.7	88.5	89.4	89.4	89.8	89.8	89.8	89.9	89.9	90.0	90.3
≥ 1200	69.6	80.0	84.9	87.0	88.1	88.4	89.1	90.0	90.0	90.4	90.4	90.4	90.5	90.5	90.6	91.0
≥ 1000	69.6	8[illegible].0	84.9	87.1	88.5	88.8	89.7	90.6	90.8	91.4	91.5	91.5	91.6	91.6	91.7	92.0
≥ 900	69.6	8[illegible].0	84.9	87.1	88.5	88.9	89.8	90.8	90.9	91.6	91.8	91.8	91.9	91.9	92.0	92.4
≥ 800	69.6	8[illegible].0	85.1	87.2	88.6	89.[illegible]	89.9	91.0	91.2	91.9	92.5	92.5	92.6	92.6	92.7	93.0
≥ 700	69.6	8[illegible].0	85.2	87.3	88.7	89.1	90.0	91.1	91.3	92.0	92.8	92.8	92.9	92.9	93.0	93.3
≥ 600	69.6	8[illegible].1	85.3	87.5	89.0	89.5	90.8	91.6	91.9	92.7	93.5	93.5	93.7	93.7	93.8	94.1
≥ 500	69.6	80.1	85.3	87.5	89.0	89.5	90.5	91.7	92.0	93.2	94.3	94.3	94.4	94.4	94.5	94.8
≥ 400	69.6	80.1	85.3	87.5	89.0	89.5	90.8	91.9	92.8	93.7	94.7	94.7	94.8	94.8	94.9	95.3
≥ 300	69.6	80.1	85.3	87.5	89.0	89.5	90.8	92.0	92.5	94.1	95.4	95.4	95.6	95.6	95.7	96.1
≥ 200	69.6	80.1	85.3	87.5	89.0	89.5	90.8	92.0	92.5	94.1	95.5	95.5	96.0	96.0	96.3	97.2
≥ 100	69.6	80.1	85.3	87.5	89.0	89.5	90.8	92.0	92.5	94.1	95.5	95.5	96.0	96.0	96.3	97.6
≥ 0	69.6	81.1	85.3	87.5	89.0	89.5	90.8	92.0	92.5	94.1	95.5	95.5	96.0	96.0	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

1
2

CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

5 HILL AFB UT (STATION NAME) 74-81 (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	≥1½	≥1¼	≥1	≥¾	≥½	≥7/16	≥5/16	≥¼	≥0
NO CEILING	39.4	40.6	42.4	43.1	43.7	43.9	44.3	44.5	44.6	44.8	45.0	45.0	45.1	45.1	45.1	45.5
≥20000	38.9	43.2	45.1	45.9	46.5	46.7	47.1	47.3	47.3	47.6	47.8	47.8	47.9	47.9	47.9	48.2
≥18000	39.7	44.0	46.0	46.7	47.3	47.5	47.9	48.1	48.2	48.4	48.6	48.6	48.7	48.7	48.8	49.1
≥16000	39.7	44.4	46.3	47.1	47.7	47.9	48.3	48.5	48.6	48.8	49.0	49.0	49.1	49.1	49.2	49.5
≥14000	41.2	45.6	47.6	48.4	49.0	49.2	49.6	49.8	49.9	50.1	50.3	50.3	50.4	50.4	50.4	50.8
≥12000	43.2	47.8	49.9	50.7	51.3	51.6	52.0	52.2	52.2	52.5	52.7	52.7	52.8	52.8	52.8	53.2
≥10000	46.6	51.4	53.5	54.3	54.9	55.2	55.6	55.8	55.8	56.1	56.3	56.3	56.4	56.4	56.5	56.8
≥9000	47.3	52.6	54.9	55.7	56.8	56.6	57.0	57.2	57.2	57.5	57.7	57.7	57.8	57.8	57.9	58.2
≥8000	50.4	55.4	57.5	58.3	59.0	59.2	59.6	59.9	59.9	60.1	60.3	60.4	60.5	60.5	60.6	60.9
≥7000	53.0	58.1	60.3	61.1	61.8	62.0	62.4	62.6	62.7	62.9	63.1	63.2	63.3	63.3	63.4	63.7
≥6000	57.1	62.4	64.7	65.5	66.2	66.4	66.8	67.1	67.1	67.4	67.6	67.6	67.7	67.7	67.8	68.2
≥5000	62.6	68.3	70.7	71.6	72.3	72.5	73.0	73.2	73.2	73.5	73.8	73.8	73.9	74.0	74.0	74.4
≥4500	65.5	71.5	74.2	75.1	75.8	76.1	76.6	76.8	76.9	77.2	77.4	77.5	77.6	77.6	77.7	78.1
≥4000	67.2	74.5	76.4	77.3	78.1	78.4	79.0	79.3	79.3	79.6	79.9	79.9	80.1	80.1	80.2	80.6
≥3500	69.0	74.7	77.7	78.7	79.6	79.8	80.4	80.7	80.8	81.1	81.4	81.4	81.5	81.6	81.7	82.1
≥3000	69.0	76.5	79.8	81.0	82.1	82.4	83.0	83.3	83.4	83.7	84.0	84.0	84.2	84.2	84.3	84.7
≥2500	69.0	77.5	81.0	82.2	83.4	83.8	84.5	84.8	84.9	85.2	85.5	85.6	85.7	85.8	85.9	86.2
≥2000	69.7	78.1	82.0	83.4	84.9	85.2	86.1	86.6	86.6	87.1	87.4	87.5	87.6	87.7	87.8	88.1
≥1800	69.7	78.1	82.1	83.5	85.1	85.4	86.3	86.8	86.8	87.3	87.6	87.7	87.8	87.9	88.0	88.3
≥1500	69.8	78.4	82.6	84.1	85.7	86.1	87.2	87.8	87.9	88.5	88.8	88.9	89.1	89.1	89.2	89.6
≥1200	69.9	78.6	82.8	84.4	86.0	86.4	87.6	88.3	88.4	89.0	89.4	89.4	89.6	89.7	89.8	90.2
≥1000	69.9	78.7	83.0	84.7	86.4	86.8	88.1	89.0	89.2	89.9	90.5	90.6	90.8	90.9	91.0	91.4
≥900	69.9	78.7	83.0	84.7	86.5	86.9	88.2	89.1	89.3	90.1	90.7	90.8	91.0	91.1	91.2	91.6
≥800	69.9	78.7	83.1	84.7	86.5	86.9	88.3	89.3	89.6	90.6	91.4	91.5	91.8	91.9	92.0	92.4
≥700	69.9	78.7	83.1	84.8	86.6	87.0	88.5	89.5	89.7	90.8	91.8	91.9	92.2	92.3	92.4	92.8
≥600	69.9	78.7	83.2	84.9	86.7	87.1	88.6	89.7	90.0	91.2	92.3	92.4	92.8	92.9	93.1	93.5
≥500	69.9	78.7	83.2	84.9	86.7	87.2	88.7	89.9	90.3	91.8	93.0	93.2	93.7	93.8	94.1	94.6
≥400	69.9	78.7	83.2	84.9	86.7	87.2	88.8	90.0	90.4	92.1	93.8	93.7	94.2	94.4	94.7	95.4
≥300	69.9	78.7	83.2	84.9	86.8	87.2	88.9	90.2	90.7	92.5	94.1	94.5	95.3	95.6	96.0	96.7
≥200	69.9	78.7	83.2	84.9	86.8	87.2	88.9	90.2	90.7	92.6	94.3	94.7	95.7	96.1	96.8	98.0
≥100	69.9	78.7	83.2	84.9	86.8	87.2	88.9	90.2	90.7	92.6	94.3	94.8	95.8	96.1	96.9	98.6
≥0	69.9	78.7	83.2	84.9	86.8	87.2	88.9	90.2	90.7	92.6	94.3	94.8	95.8	96.1	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

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

2

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] [illegible] AFB [illegible] (STATION NAME) 74-84 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
≥ [illegible]	59.3	59.6	59.1	59.3	59.4	59.5	59.6	59.7	59.7	59.8	59.9	59.9	59.9	59.9	59.9	60.0
≥ [illegible]	61.4	62.7	63.2	63.4	63.6	63.6	63.8	63.9	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.2
≥ 8000	63.1	63.9	63.9	64.1	64.3	64.4	64.5	64.6	64.6	64.7	64.8	64.8	64.8	64.8	64.9	64.9
≥ 6000	62.4	64.8	64.2	64.4	64.6	64.7	64.8	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.2	65.2
≥ 4000	63.8	65.2	65.7	65.9	66.1	66.1	66.3	66.4	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.7
≥ 2000	66.5	67.9	68.4	68.7	68.9	68.9	69.1	69.2	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.5
≥ 10000	71.1	71.7	72.2	72.4	72.6	72.7	72.8	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.3	73.3
≥ 9000	71.1	72.6	73.2	73.4	73.6	73.7	73.8	74.0	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.3
≥ 8000	74.2	75.9	76.5	76.7	76.9	77.1	77.1	77.3	77.3	77.5	77.5	77.5	77.6	77.6	77.6	77.7
≥ 7000	76.0	77.8	78.4	78.6	78.8	78.9	79.1	79.2	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.6
≥ 6000	78.6	80.5	81.2	81.4	81.7	81.8	81.9	82.1	82.1	82.3	82.3	82.4	82.4	82.4	82.4	82.5
≥ 5000	82.2	84.4	85.2	85.5	85.8	85.9	86.1	86.3	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.7
≥ 4500	83.8	86.2	87.1	87.4	87.7	87.8	88.0	88.2	88.2	88.4	88.4	88.4	88.5	88.5	88.5	88.6
≥ 4000	85.[illegible]	87.7	88.7	89.1	89.4	89.5	89.7	89.9	90.0	90.1	90.2	90.2	90.3	90.3	90.3	90.4
≥ 3500	85.5	88.4	89.5	89.8	90.2	90.3	90.6	90.8	90.8	91.0	91.1	91.1	91.1	91.1	91.2	91.2
≥ 3000	86.3	89.5	90.8	91.3	91.7	91.9	92.1	92.4	92.4	92.6	92.7	92.7	92.8	92.8	92.8	92.9
≥ 2500	86.6	90.1	91.6	92.1	92.6	92.8	93.1	93.3	93.4	93.6	93.7	93.7	93.7	93.7	93.8	93.8
≥ 2000	86.8	90.5	92.1	92.7	93.4	93.5	93.9	94.2	94.3	94.5	94.6	94.6	94.7	94.7	94.7	94.8
≥ 1800	86.8	90.5	92.2	92.8	93.5	93.6	94.0	94.3	94.4	94.6	94.7	94.7	94.8	94.8	94.8	94.9
≥ 500	86.9	90.8	92.5	93.2	93.9	94.1	94.5	94.9	95.0	95.3	95.4	95.4	95.5	95.5	95.5	95.6
≥ 1200	86.9	90.8	92.6	93.3	94.1	94.3	94.8	95.1	95.2	95.5	95.7	95.7	95.8	95.8	95.8	95.9
≥ 1000	86.9	90.9	92.8	93.6	94.4	94.6	95.2	95.7	95.8	96.2	96.4	96.4	96.5	96.6	96.6	96.7
≥ 900	87.0	90.9	92.8	93.6	94.4	94.6	95.3	95.7	95.9	96.3	96.5	96.5	96.7	96.7	96.7	96.8
≥ 800	87.0	90.9	92.9	93.7	94.5	94.7	95.4	96.0	96.1	96.6	96.8	96.9	97.0	97.1	97.1	97.2
≥ 700	87.0	91.0	92.9	93.7	94.6	94.8	95.5	96.1	96.2	96.7	97.0	97.1	97.3	97.3	97.3	97.4
≥ 600	87.0	91.0	92.9	93.7	94.7	94.9	95.6	96.2	96.3	96.9	97.3	97.3	97.5	97.5	97.6	97.7
≥ 500	87.0	91.0	93.0	93.8	94.7	94.9	95.7	96.3	96.5	97.2	97.6	97.7	98.0	98.0	98.1	98.2
≥ 400	87.0	91.0	93.0	93.8	94.7	95.0	95.7	96.4	96.6	97.4	97.9	98.0	98.3	98.4	98.5	98.6
≥ 300	87.0	91.0	93.0	93.8	94.8	95.0	95.8	96.5	96.7	97.5	98.1	98.2	98.6	98.7	98.9	99.0
≥ 200	87.0	91.0	93.0	93.8	94.8	95.0	95.8	96.5	96.7	97.6	98.2	98.3	98.7	98.9	99.1	99.5
≥ 100	87.0	91.0	93.0	93.8	94.8	95.0	95.8	96.5	96.7	97.6	98.2	98.4	98.8	98.9	99.2	99.7
≥ 0	87.0	91.0	93.0	93.8	94.8	95.0	95.8	96.5	96.7	97.6	98.2	98.4	98.8	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 87665

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

FOR AIRWAYS STATION, THE SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 7/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
[illegible]	HILL AFB UT	75-84	JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	[illegible]-02	15.6			15.6						14.9	53.9	7.2	926
	03-05	15.5			13.9						16.1	54.6	7.3	922
	06-08	9.[illegible]			14.9						2[illegible].8	51.3	7.6	917
	09-11	2.9			16.8						27.3	52.9	8.3	926
	12-14	3.3			19.5						25.4	51.7	8.[illegible]	928
	15-17	2.4			18.9						24.5	52.3	8.2	926
	18-2[illegible]	6.3			2[illegible].6						2[illegible].0	50.1	7.7	926
	21-23	11.7			17.1						18.3	52.9	7.4	923
TOTALS		8.4			17.7						21.5	52.5	7.7	7392

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
[illegible]	HILL AFB UT	75-84	FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	24.4			20.7						17.8	37.6	6.[illegible]	837
	03-05	22.7			16.6						20.4	40.3	6.4	843
	06-08	12.7			22.7						25.4	39.3	6.9	843
	09-11	7.5			19.5						32.3	40.7	7.6	832
	12-14	5.5			19.3						30.3	44.4	7.8	824
	15-17	5.4			19.7						27.3	47.7	7.8	822
	18-20	7.7			25.1						27.8	39.4	7.2	834
	21-23	16.0			25.8						20.1	38.0	6.4	836
TOTALS		12.8			21.1						25.2	40.9	7.0	6673

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
[illegible]	HILL AFB UT	75-84	MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	19.6			22.7						19.5	38.2	6.3	927
	03-05	18.5			21.1						22.1	38.2	6.4	926
	06-08	8.5			24.1						25.1	42.3	7.2	929
	09-11	4.5			24.3						26.5	44.7	7.6	930
	12-14	3.4			21.1						32.4	43.1	7.9	930
	15-17	2.5			22.2						32.7	42.7	7.9	930
	18-20	4.3			29.5						24.9	41.3	7.3	930
	21-23	14.8			26.1						20.4	38.7	6.5	926
TOTALS		9.5			23.9						25.5	41.2	7.1	7428

USAFETAC FORM JUL 64 8-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
72755	HILL AFB UT	75-84	APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	24.3			26.1						18.8	30.3	5.5	900
	03-05	27.9			25.2						27.0	30.9	5.9	900
	06-08	12.6			25.9						26.1	35.4	6.7	900
	09-11	9.4			24.4						27.2	38.9	7.1	900
	12-14	3.4			30.1						29.8	36.7	7.3	900
	15-17	3.3			30.4						29.3	36.9	7.2	900
	18-20	5.1			30.1						27.7	37.1	7.1	900
	21-23	21.3			25.1						19.8	33.8	5.9	900
TOTALS		12.6			27.2						25.2	35.0	6.6	7200

USAFETAC FORM JUL 64 8-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
725755	HILL AFB UT	75-84	MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	24.3			26.8						21.6	27.3	5.5	930
	03-05	19.9			28.6						22.2	30.3	5.9	930
	06-08	16.9			29.0						29.8	30.4	6.6	930
	09-11	9.3			31.4						30.8	30.5	6.7	930
	12-14	5.3			33.7						32.2	29.1	6.8	930
	15-17	3.6			31.1						34.7	30.7	7.1	929
	18-20	3.7			34.5						29.9	31.9	6.9	927
	21-23	14.8			35.9						24.2	25.1	5.8	927
TOTALS		11.2			31.3						28.2	29.4	6.4	7433

USAFETAC FORM JUL 64 8-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAPETAC
AIR WEATHER SERVICE/MAC

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
72755	HILL AFB UT	74-83	JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	36.2			33.9						20.0	10.0	3.8	900
	03-05	31.1			38.1						21.3	9.6	4.1	900
	06-08	20.8			43.1						22.1	14.0	4.7	900
	09-11	19.6			44.4						21.9	14.1	4.7	900
	12-14	12.3			52.6						21.4	13.7	4.9	900
	15-17	11.2			50.8						25.0	13.0	5.1	900
	18-20	11.7			44.0						30.2	14.1	5.5	900
	21-23	20.1			42.9						27.2	9.8	4.7	900
TOTALS		20.4			43.7						23.6	12.3	4.7	7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
[illegible]	HILL AFB UT	74-81	JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	42.[illegible]			29.5						19.7	8.8	3.5	930
	03-05	33.8			38.1						2[illegible].8	7.4	3.8	930
	06-08	23.4			46.9						22.3	7.4	4.2	930
	09-11	23.4			49.8						19.8	7.[illegible]	4.[illegible]	930
	12-14	1[illegible].7			63.4						18.1	5.8	4.1	930
	15-17	8.8			62.5						23.[illegible]	5.7	4.5	930
	18-2[illegible]	13.5			51.3						27.[illegible]	8.2	4.8	930
	21-23	28.5			4[illegible].1						22.7	8.7	4.1	930
TOTALS		23.3			47.7						21.7	7.4	4.1	7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

72755 HILL AFB UT 74-83 AUG

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	39.5			31.4						18.7	10.4	3.7	930
	03-05	36.[illegible]			34.3						20.2	9.5	3.8	930
	06-08	24.[illegible]			44.7						23.1	8.2	4.2	930
	09-11	23.7			46.5						22.9	7.0	4.2	930
	12-14	15.6			56.1						20.6	7.6	4.3	930
	15-17	12.4			55.7						24.0	8.0	4.6	929
	18-20	15.6			47.0						27.5	9.9	4.9	930
	21-23	34.2			33.5						22.5	9.8	4.[illegible]	930
TOTALS		25.1			43.7						22.4	8.8	4.2	7439

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
[illegible]	HILL AFB UT	74-83	SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	50.6			2[illegible].6						1[illegible].0	12.6	3.3	900
	03-05	49.7			24.3						17.3	14.[illegible]	3.7	900
	06-08	32.2			32.9						2[illegible].[illegible]	12.0	4.3	900
	09-11	29.6			38.8						22.4	9.2	4.1	900
	12-14	23.7			46.7						20.6	9.4	4.2	900
	15-17	21.4			45.9						21.1	11.6	4.4	900
	18-20	28.[illegible]			39.7						19.4	11.9	4.1	900
	21-23	49.[illegible]			22.0						18.8	11.2	3.5	900
TOTALS		35.3			33.9						19.3	11.5	3.9	7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

72-755 HILL AFB UT 74-83 OCT

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	46.7			21.9						13.5	17.8	3.7	930
	03-05	47.0			19.9						13.4	20.6	3.8	930
	06-08	26.3			33.2						21.6	18.8	4.8	930
	09-11	20.8			36.5						22.5	20.3	5.1	930
	12-14	17.8			36.5						25.3	20.4	5.4	930
	15-17	18.7			34.3						25.8	21.2	5.5	930
	18-20	26.1			33.1						22.9	17.8	4.9	930
	21-23	41.5			25.9						14.7	17.8	3.9	930
TOTALS		30.6			30.0						20.0	19.3	4.6	7440

USAFETAC FORM AA 64 8-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
[illegible]55	HILL AFB UT	74-8[illegible]	NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	29.9			23.1						19.4	28.6	5.3	899
	03-05	29.[illegible]			22.4						17.2	31.4	5.4	897
	06-08	16.9			27.6						22.9	32.6	6.2	898
	09-11	10.7			27.3						26.4	35.6	6.8	900
	12-14	8.[illegible]			27.[illegible]						27.9	37.[illegible]	7.[illegible]	900
	15-17	7.3			30.9						27.8	33.9	6.8	899
	18-20	16.3			29.7						27.8	31.2	6.1	900
	21-23	26.2			26.4						17.8	29.6	5.3	900
TOTALS		17.9			26.8						22.8	32.5	6.1	7193

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

SKY COVER

72755 — STATION
HILL AFB UT — STATION NAME
74-83 — PERIOD
DEC — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	22.2			20.6						16.8	40.3	6.2	922
	03-05	24.4			17.9						15.4	42.3	6.1	925
	06-08	15.9			21.2						21.8	42.1	6.8	921
	09-11	6.3			21.0						29.8	42.9	7.6	927
	12-14	5.9			19.4						28.5	46.2	7.8	917
	15-17	4.4			19.4						30.2	46.0	7.9	916
	18-20	12.5			19.4						24.0	44.0	7.1	911
	21-23	19.1			18.1						20.0	42.8	6.6	918
TOTALS		13.8			19.5						23.3	43.3	7.0	7357

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

72-755 — STATION
HILL AFB UT — STATION NAME
74-84 — PERIOD
ALL — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	8.4			17.7						21.5	52.5	7.7	7392
FEB		12.2			21.1						25.2	40.9	7.0	6671
MAR		9.5			23.9						25.5	41.2	7.1	7428
APR		12.6			37.2						25.2	35.0	6.6	7200
MAY		11.2			31.3						28.2	29.4	6.4	7433
JUN		27.4			43.7						23.6	12.3	4.7	7200
JUL		23.3			47.7						21.7	7.4	4.1	7440
AUG		25.1			43.7						22.4	8.8	4.2	7439
SEP		35.3			33.9						19.3	11.5	3.9	7200
OCT		30.5			30.0						20.0	19.3	4.6	7440
NOV		17.9			26.8						22.8	32.5	6.1	7193
DEC		13.3			19.5						23.3	43.3	7.0	7357
TOTALS		18.9			30.5						23.2	27.8	5.9	87393

USAFETAC FORM JUL 64 0-9-5 (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.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
72755 HILL AFB UT

STATION STATION NAME

41-84

YEARS

DAILY TEMPERATURES

MAXIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
100						.1	.4	.1					.0
95						2.5	9.3	4.6	.2				1.4
90					.2	9.6	41.0	28.8	2.9				6.9
85					2.8	25.5	74.9	62.4	15.4	.2			15.1
80				.2	11.8	44.4	91.6	84.1	36.6	1.4			22.5
75				3.5	27.4	62.8	97.9	93.2	57.0	9.0			29.2
70			.8	11.7	44.5	77.0	99.5	97.2	74.0	23.9	.2		35.7
65		.2	3.8	23.5	62.3	88.1	99.8	99.2	85.1	42.2	1.9		42.2
60		1.3	10.6	38.7	74.3	95.6	100.0	99.8	92.5	59.6	8.7	.2	48.4
55	.2	4.8	20.3	56.7	85.8	98.7		100.0	97.0	74.3	20.8	1.3	55.0
50	3.4	13.0	36.2	73.3	94.5	99.6			99.3	85.2	38.6	5.3	62.3
45	11.6	25.6	54.6	86.7	97.9	100.0			99.9	94.2	54.5	16.1	70.1
40	26.2	46.0	73.1	95.2	99.6					98.2	71.7	34.4	78.6
35	46.0	66.0	87.7	99.4	100.0				100.0	99.4	85.7	56.9	86.7
30	66.7	82.4	96.3	100.0						99.8	95.6	78.5	93.2
25	82.7	93.3	99.4							100.0	98.8	90.8	97.1
20	91.7	98.5	99.9								99.8	96.7	98.9
15	96.7	99.7	100.0									98.7	99.6
10	99.1	100.0									100.0	99.8	99.9
5	99.9											99.8	100.0
0	100.0											100.0	100.0
MEAN	33.1	38.5	46.1	56.4	67.0	77.1	87.7	85.4	74.9	61.3	45.8	35.9	59.1
S D	9.392	9.390	9.908	10.121	10.611	9.928	5.664	6.579	9.532	10.220	9.887	8.685	20.802
TOTAL OBS	1333	1187	1302	1260	1302	1260	1302	1302	1260	1333	1290	1333	15464

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

725755 HILL AFB UT — 41-84

STATION — STATION NAME — YEARS

MINIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
70							1.3	.1					.1
65						2.0	12.7	6.4	.3				1.8
60					.4	10.7	46.1	35.5	5.0	.1			8.2
55					4.1	26.7	82.4	73.7	19.3	.7			17.3
50			.1	1.5	16.8	51.8	96.3	91.0	44.7	3.4			25.4
45			.7	6.8	39.1	74.9	99.7	97.0	68.8	18.1	.4		33.7
40	.1	.4	2.4	19.1	62.2	92.0	100.0	99.5	85.4	41.2	3.8	.5	42.1
35	1.3	3.8	11.6	40.9	83.2	98.9		99.9	94.1	67.1	15.4	2.5	51.5
30	7.5	14.0	30.0	64.7	94.4	100.0		100.0	99.3	86.2	36.2	9.3	61.7
25	13.4	20.3	39.2	76.0	97.2				99.8	91.0	46.3	13.1	66.3
20	23.2	33.7	57.1	91.6	99.4				99.9	96.9	61.1	26.1	74.0
15	39.1	54.7	77.6	98.9	99.9				100.0	99.5	81.0	48.7	83.2
10	58.6	72.6	90.2	99.8	100.0					100.0	92.5	72.0	90.4
5	74.0	85.2	96.9	100.0							97.5	87.5	95.0
0	86.5	94.1	99.2								99.4	94.8	97.8
-5	93.5	97.5	99.9								99.8	98.2	99.1
-10	97.2	98.9	100.0									99.5	99.6
-15	99.5	99.9									99.9	99.9	99.9
-20	99.8	100.0									100.0	100.0	100.0
-25	100.0												100.0
MEAN	20.9	24.7	30.2	38.1	46.9	54.8	63.9	62.2	52.8	42.6	31.3	23.9	41.0
S.D.	10.161	9.244	7.944	7.029	7.546	7.335	4.999	5.453	7.540	7.154	8.035	8.388	16.426
TOTAL OBS	1333	1187	1302	1260	1302	1260	1284	1282	1230	1296	1260	1302	15298

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
725755 HILL AFB UT 41-84

STATION STATION NAME YEARS

DAILY TEMPERATURES

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	1.7	.6					.2
80						4.2	25.4	12.9	.5				3.6
75					1.2	16.3	64.6	52.3	7.8				11.9
70				.1	7.5	36.9	90.7	82.7	28.0	.5			25.5
65				1.8	20.9	58.3	98.1	93.4	52.4	4.8			37.4
60			.5	8.1	42.5	77.2	99.8	97.9	73.3	21.8	.2		55.0
55		.2	2.5	20.8	63.1	91.1	100.0	99.5	86.3	41.7	2.1		42.2
50		1.7	9.7	39.3	79.3	97.6		100.0	94.1	63.0	10.9	.7	49.6
45	2.1	7.7	24.2	62.1	91.1	99.7			98.4	79.9	27.3	2.8	57.9
40	9.3	20.5	45.2	81.8	97.6	100.0			99.8	92.6	49.5	12.4	67.3
35	24.6	40.3	67.4	94.7	99.6				100.0	98.1	67.9	29.3	76.7
30	43.4	62.0	84.9	99.5	100.0					99.6	84.8	54.2	85.6
25	63.1	78.6	94.5	100.0						100.0	95.1	77.0	92.3
20	79.5	89.7	98.5								98.6	90.2	96.3
15	89.6	97.1	99.9								99.7	96.1	98.5
10	95.5	99.0	100.0								99.8	98.8	99.4
5	98.4	99.7									99.9	99.7	99.8
0	99.7	100.0									100.0	99.8	100.0
-5	99.9											100.0	100.0
-10	100.0												100.0
MEAN	27.2	31.8	38.4	47.4	57.2	66.1	76.0	74.0	64.0	52.1	38.8	30.1	50.3
S.D.	9.560	9.049	8.500	8.177	8.718	8.252	4.765	5.542	8.091	8.318	8.639	8.241	18.426
TOTAL OBS	1333	1187	1302	1260	1302	1260	1284	1282	1230	1296	1260	1302	15298

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

[illegible]735 HILL AFB UT 41-84
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]										69	65	56	
[illegible]	47	40	62	76	85	90	98	97	9[illegible]	8[illegible]	64	51	98
43	54	55	73	79	88	90	98	94	87	79	62	44	98
44	38	49	55	70	83	94	93	92	88	79	58	48	94
45	5[illegible]	52	62	76	78	86	96	93	89	78	66	51	96
46	47					90	97	96	85	67	53	58	
47	48	55	64	7[illegible]	87	88	96	92	91	77	68	46	96
48	5[illegible]	55	64	78	86	92	95	94	92	8[illegible]	59	48	95
49	4[illegible]	43	67	78	84	88	97	96	88	75	6[illegible]	52	97
5[illegible]	5[illegible]	62	62	74	92	92	95	93	93	77	60	49	95
5[illegible]	48	61	63	7[illegible]	85	86	97	93	85	73	58	48	97
5[illegible]	42	43	55	79	84	92	95	92	89	77	56	45	95
53	54	62	71	78	77	94	97	92	89	81	68	46	97
54	5[illegible]	56	64	75	9[illegible]	96	1[illegible]	99	89	8[illegible]	67	53	100
55	44	44	65	75	84	95	98	95	93	79	59	55	98
56	53	49	72	72	89	98	97	95	91	82	63	5[illegible]	98
57	46	58	69	68	79	91	94	94	89	83	53	52	94
58	46	65	6[illegible]	74	91	99	95	97	96	81	70	55	99
59	56	5[illegible]	63	81	95	95	98	95	92	75	62	51	98
6[illegible]	46	5[illegible]	7[illegible]	78	89	92	99	94	85	78	64	52	99
6[illegible]	49	59	66	73	84	98	96	93	84	73	54	49	98
6[illegible]	5[illegible]	56	67	83	82	93	95	96	87	79	63	5[illegible]	96
6[illegible]	5[illegible]	61	69	75	8[illegible]	94	99	97	97	88	61	38	99
6[illegible]	42	44	64	7[illegible]	84	90	97	93	87	77	62	56	97
65	49	56	69	73	79	87	92	92	78	78	67	49	92
66	46	45	68	72	85	92	96	93	87	70	65	52	96
67	48	56	64	67	87	89	97	98	93	80	66	45	98
6[illegible]	45	59	70	76	84	97	100	93	89	75	62	5[illegible]	100
6[illegible]	52	44	73	76	85	91	104	101	89	71	64	59	104
7[illegible]	55	56	59	72	84	94	94	97	90	78	59	49	97
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM [illegible] 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

72755 (STATION) HILL AFB UT (STATION NAME) 41-84 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
7	55	54	66	74	94	101	100	95	85	72	62	49	101
7	5	65	71	71	83	89	99	95	83	76	58	52	99
7	47	46	54	71	85	99	97	93	85	77	65	56	99
7	5	53	64	79	86	98	98	92	9	81	59	53	98
7	47	49	62	4	79	85	93	93	89	8	60	5	93
7	43	52	64	7	83	94	96	95	89	81	65	47	96
7	4	55	66	79	9	91	96	93	93	73	63	53	96
7	43	52	7	7	83	88	95	96	91	74	66	49	96
7	4	49	55	73	81	94	95	98	89	78	52	49	98
8	48	59	56	78	79	88	93	9	86	76	71	54	93
8	47	62	6	79	8	98	97	93	91	71	63	61	98
8	53	6	59	76	85	93	100	97	87	71	57	5	100
8	5	55	62	65	84	85	99	96	89	71	63	45	99
8	39	42	56	76	88								
MEAN	47.7	53.3	64.1	74.1	83.8	92.3	96.7	94.6	88.8	76.7	61.9	50.6	97.2
S.D.	4.511	6.689	5.141	4.295	3.322	4.134	2.359	2.286	3.516	4.262	4.503	4.338	2.332
TOTAL OBS.	1333	1187	1302	1260	1302	1260	1302	1302	1260	1333	1290	1333	15464

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-3 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

[illegible] (STATION) HILL AFB UT (STATION NAME) 41-84 (YEARS)

WHOLE DEGREES FAHRENHEIT

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

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AR 64 0-00-0 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

25755 (STATION) HILL AFB UT (STATION NAME) 41-84 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
7[illegible]	-9	4	6	25	37	43	55	59	33	2[illegible]	21	5	-9
7[illegible]	-2	1	20	27	28	47	53	49	35	23	19	-9	-9
73	-4	12	24	23	35	40	54	53	4[illegible]	28	17	8	-4
74	-[illegible]	8	10	31	36	44	53	52	38	35	24	[illegible]	-1
75	-[illegible]	2	1[illegible]	17	29	42	52	47	43	24	13	10	-1
76	[illegible]	11	9	28	42	37	51	49	44	32	13	15	1
77	6	14	18	25	34	56	58	49	4[illegible]	35	15	12	6
7[illegible]	15	16	22	32	29	44	53	47	34	35	11	[illegible]	0
79	-2	8	15	26	7[illegible]	39	56	55	47	3[illegible]	8	13	-2
8[illegible]	8	11	20	27	35	40	56	44	39	3[illegible]	18	13	8
8[illegible]	12	11	28	[illegible]	36	44	53	55	36	27	23	16	11
8[illegible]	-3	-3	22	24	35	42	5[illegible]	61	38	32	20	9	-3
83	1[illegible]	2[illegible]	23	27	32	47	48	57	36	39	16	3	3
84	-2	10	17	24	34								
MEAN	3.3	9.3	16.1	26.9	33.5	42.5	53.7	51.4	39.1	30.1	16.4	8.3	.5
S D	7.595	7.683	6.176	3.745	3.801	4.032	3.609	5.098	4.737	4.216	5.818	6.2[illegible]3	5.758
TOTAL OBS	1333	1187	13[illegible]2	1260	1302	1260	1294	1292	1230	1296	1260	1302	15298

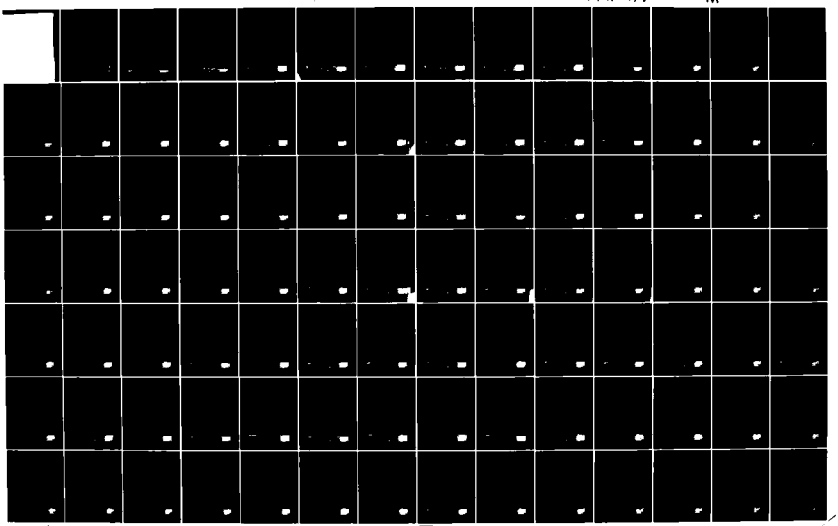
NOTES * (BASED ON LESS THAN FULL MONTHS)

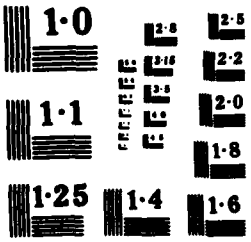
USAF ETAC FORM AS 04 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

AD A147 184 HILL AFB UTAH REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS (RU..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. SEP 84 4/6

UNCLASSIFIED USAFETAC/DS-84/029 SBI-AD-E850 746 F/G 4/2 NL

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GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) JAN (MONTH)

PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (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
48/ 47			.3	.[illegible]	.2													6	6		
46/ 45				.6	.1	.1												8	8	1	
44/ 43				.3		.6												9	9	2	
42/ 41			.4	.9	.5	.1												18	18	1	3
40/ 39		.3	.9	.4														15	15	5	
38/ 37		.7	1.5	.3														19	19	12	
36/ 35	.3	2.6	3.0	1.1														65	65	28	3
34/ 33	1.2	3.3	2.3	2.9	.1													91	91	78	25
32/ 31	.6	3.5	7.1	1.8														122	122	59	53
30/ 29	.6	2.8	3.1	.4														65	65	80	38
28/ 27	1.3	4.6	3.1	1.8														101	101	120	59
26/ 25	.3	4.8	4.3	.1														89	89	96	61
24/ 23	.5	2.3	2.4	.2														50	50	102	34
22/ 21	.4	3.5	1.4															50	50	73	94
20/ 19	.2	2.6	1.4	.1														40	40	40	121
18/ 17	.6	3.7	1.8															57	57	57	78
16/ 15	.2	2.9	1.0															38	38	39	58
14/ 13		2.0	.9															26	26	41	64
12/ 11		.1	.1															11	11	26	42
10/ 9		1.8	.3															20	20	18	37
8/ 7		.9	.2															10	10	18	26
6/ 5		.1																1	1	10	21
4/ 3		.8	.1															8	8	2	26
2/ 1	.1	1.4																14	14	10	22
0/ -1		.1																1	1	11	20
-2/ -3																				1	7
-4/ -5																					12
-6/ -7																					8
-8/ -9																					4
-10/-11																					2
-12/-13																					2
-14/-15																					6
-16/-17																					4

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	≥ 90 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

LSAFETAC FORM 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) JAN (MONTH)

PAGE 2 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
TOTAL	6.6	15.4	35.5	2[illegible].8	1.[illegible]	.9												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.	4648224	64996	69.9	12.949	930							
Dry Bulb	718223	24509	26.4	8.823	930	.1	70.3					93
Wet Bulb	584109	22813	23.7	8.245	930	1.2	80.3					93
Dew Point	380872	16280	17.5	8.263	930	6.5	89.9					93

USAFETAC FORM 26 04 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) JAN (MONTH)

PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
48/ 47					.1													1	1		
46/ 45				.1	.1													2	2		
44/ 43			.1	.6	.3	.1												11	11		
42/ 41			.3	.6	.4	.1												14	14		
40/ 39		.1	1.1	.6	.2													19	19	4	
38/ 37	.1	.6	1.0	1.2	.1													28	28	20	1
36/ 35		3.8	2.4	1.1	.3													70	70	26	2
34/ 33	1.5	1.8	2.5	3.2														84	84	76	28
32/ 31	.6	4.3	4.5	1.5														102	102	52	60
30/ 29	.4	1.7	2.2	.9														48	48	85	41
28/ 27	.8	6.1	3.2	1.3														106	106	85	41
26/ 25	.9	5.2	4.0	.2														95	95	113	58
24/ 23	.4	2.8	2.9	.1														58	58	91	37
22/ 21	.3	3.2	1.8															50	50	76	78
20/ 19	.1	3.2	1.7															47	47	58	112
18/ 17	.4	2.4	.9															34	34	47	78
16/ 15	.5	2.6	1.0															38	38	40	72
14/ 13	.1	2.9	1.3															45	45	33	47
12/ 11		2.0	.1															20	20	35	59
10/ 9	.1	1.6	.1															17	17	34	37
8/ 7		1.4	.2															15	15	16	32
6/ 5			.1															1	1	12	27
4/ 3		.8																7	7	5	20
2/ 1		1.4																13	13	6	22
0/ -1	.2	.3																5	5	15	27
-2/ -3																				1	13
-4/ -5																					7
-6/ -7																					8
-8/ -9																					7
-10/-11																					4
-12/-13																					1
-14/-15																					7
-16/-17																					3
-18/-19																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_n	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 26-5 (OL A) REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 — STATION
HILL AFB UT — STATION NAME
75-84 — YEARS
JAN — MONTH

PAGE 2 — 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
TOTAL	5.6	48.3	31.8	11.5	1.6	.7												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.	4688213	64875	69.8	13.048	930							
Dry Bulb	692153	23985	25.7	9.023	930	.5	70.1					93
Wet Bulb	863959	21500	23.1	8.355	930	1.6	80.4					93
Dew Point	385568	15696	16.9	10.809	930	7.8	89.9					93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) JAN (MONTH)

PAGE 1 ~~0400-0800~~ HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 45					.2	.2												5	5		
44/ 43				.2	.2	.2												6	6		
42/ 41			.4	.2	.1													7	7		
40/ 39		.2	.2	.8	.3													21	21	1	
38/ 37		.4	1.2	.9														26	26	15	
36/ 35	.2	3.0	1.7	1.5														60	60	29	5
34/ 33	1.3	3.1	2.5	2.5														87	87	67	20
32/ 31	.6	4.3	3.4	1.8	.1													96	96	57	60
30/ 29	.4	2.5	2.7	.4														56	56	76	45
28/ 27	.8	6.3	2.6	.9														98	98	86	33
26/ 25	.6	3.9	3.7	.6														82	82	115	55
24/ 23	.4	2.5	2.2															47	47	69	37
22/ 21	.2	5.1	2.2															69	69	80	75
20/ 19	.1	4.3	2.2															61	61	62	104
18/ 17		2.8	1.0															35	35	54	63
16/ 15	.4	1.8	.8															28	28	47	69
14/ 13	.2	2.8	1.0															37	37	32	73
12/ 11	.3	3.0	.5															36	36	26	45
10/ 9		2.5	.2															25	25	43	46
8/ 7		.9	.5															13	13	23	42
6/ 5		1.1	.1															11	11	12	13
4/ 3		.8																7	7	13	26
2/ 1		.8																7	7	10	28
0/ -1	.2	.8																9	9	5	23
-2/ -3		.1																1	1	8	23
-4/ -5																					10
-6/ -7																					7
-8/ -9																					13
-10/-11																					2
-12/-13																					2
-14/-15																					5
-16/-17																					3
-18/-19																					3

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_n	No. Obs.	Mean No. of Hours with Temperature ≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 90 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

725755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) JAN (MONTH)

PAGE 2 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	5.6	57.1	29.7	9.6	1.1	.4												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.	9688415	64913	69.8	13.035	930							
Dry Bulb	660341	23239	25.0	9.289	930	1.0	71.8					93
Wet Bulb	539203	20873	22.4	8.725	930	1.3	81.8					93
Dew Point	350086	15039	16.2	10.735	930	9.1	90.9					93

USAFETAC FORM AS 54 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) JAN (MONTH)

PAGE 1 0900-1100 (HOURS (L. S. T.))

Temp. (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
52/ 51					.2													2	2		
5 / 49						.1												1	1		
48/ 47						.1												1	1		
46/ 45					.2													2	2		
44/ 43			.1	.4	.4	.1												10	10	2	
42/ 41		.7	.4	.6	.5													18	18	1	
4 / 39		.6	.8	.8	.5													25	25	8	1
38/ 37		1.0	1.3	1.7	.5													42	42	16	5
36/ 35	.1	2.7	1.9	2.3	.4													69	69	38	10
34/ 33	.2	3.5	2.2	2.1	.3													77	77	61	18
/ 31	.6	4.5	4.4	2.4														111	111	74	60
/ 29	.1	2.7	3.1	1.1														59	59	86	33
26/ 27	.9	6.2	3.1	.8														102	102	84	45
24/ 25	.6	3.1	3.3	.4														70	70	115	67
/ 23	.7	3.3	2.6	.4														62	62	84	48
20/ 21		3.3	1.9	.3														51	51	71	63
/ 19	.5	4.0	2.0	.2														63	63	64	122
/ 17	.4	1.8	1.0															28	28	53	79
14/ 15		2.7	1.3															37	37	34	73
/ 13	.4	1.4	.5															25	25	36	53
/ 11	.1	1.6	1.0															25	25	21	56
/ 9		1.2	1.1															21	21	28	32
-/ 7		.4	.2															8	8	20	28
4/ 5		.4	.1															5	5	14	19
2/ 3		.6																6	6	6	30
-/ 1		.5																5	5	4	17
/ -1	.2	.3																5	5	9	21
-2/ -3																				1	18
-4/ -5																					9
-6/ -7																					9
-8/ -9																					7
-10/-11																					4
-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	≤ 92 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

725755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) JAN (MONTH)

PAGE 2 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																					2
[illegible]																					1
TOTAL	4.4	45.9	37.7	3.4	3.2	.3												930	93	930	930

Elements (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.	4593033	63796	68.6	13.398	930							
Dry Bulb	728515	24665	26.5	8.947	930	.5	68.3					93
Wet Bulb	588990	22014	23.7	8.323	930	1.0	80.5					93
Dew Point	371863	16977	17.2	10.239	930	7.5	90.0					93

USAFETAC FORM 26-54 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) AA (MONTH)

PAGE 1 1200-1800 (HOURS (L. S. T.))

Temp. (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/ 51					•													1	1		
5 / 5				•		•1												2	2		
5 / 49					•3	•2												5	5		
46/ 47					•1	•2												3	3		
4 / 45			•2	•1	•2	•6	•1											12	12	2	
44/ 43		•2	•1	•2	•4	•4												13	13		
42/ 41		•3	1•2	1•3	•9	•3												37	37	11	
4 / 39		•5	1•9	2•	1•5	•3												59	59	10	4
3 / 37		1•2	2•4	2•8	•8													64	64	22	9
36/ 35		2•3	3•2	2•4	•9													81	81	57	6
34/ 33		2•4	2•9	2•8	•2													77	77	85	.6
3 / 31	•9	3•9	6•1	2•3	•1													123	123	104	65
30/ 29	•6	2•3	3•9	2•5														86	86	93	56
28/ 27	•3	3•8	3•7	1•8														89	89	115	51
26/ 25	•1	2•7	3•1	•3														63	63	98	72
24/ 23	•1	1•8	1•2	•1														30	30	86	48
22/ 21	•0	2•2	2•8															52	52	65	90
2 / 19		2•2	2•2															40	40	43	137
18/ 17		1•6	1•7															31	31	36	88
16/ 15		1•4	1•6															28	28	28	44
14/ 13		•9	•5															13	13	31	38
12/ 11		•4	•4															8	8	18	57
1 / 9		•5	•3															8	8	9	34
8/ 7		•1																1	1	11	33
6/ 5		•2	•1															3	3	3	14
4/ 3		•1																1	1	2	16
/																				1	21
/ -1																					10
- / -3																					6
-4/ -5																					7
-6/ -7																					4
-8/ -9																					3
-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	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) 80 04 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
25755	HILL AFB UT	75-84	JAN

PAGE 2 — HOURS (L. S. T.) 1200-1800

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
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]											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.	4197342	61156	65.8	3.755	930							
Dry Bulb	893295	27781	29.9	8.131	930		57.6					93
Wet Bulb	694208	24492	26.3	7.277	930		74.3					93
Dew Point	922172	17946	19.3	9.037	930	3.3	89.5					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

72755 — STATION
HILL AFB UT — STATION NAME
75-84 — YEARS
JAN — MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (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 D.B.	TOTAL W.B.	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51																		1	1			
50/ 49					.2	.4												7	7			
48/ 47					.2	.4												6	6			
46/ 45			.2	.2	.2		.2											7				
44/ 43		.3	.4	.4	.6	.5												22	22	2		
42/ 41		.3	1.1	1.7	1.3	.3												41	41	11	1	
40/ 39		.5	2.0	2.4	1.1													55	55	13	4	
38/ 37		1.4	3.1	1.4	.2													56	56	24	4	
36/ 35	.2	2.2	4.3	2.9	.6													94	94	67	11	
34/ 33	.1	3.8	2.8	3.4														94	94	103	22	
32/ 31	.5	4.4	4.3	3.	.1													120	120	96	58	
30/ 29	.4	2.2	4.1	2.7	.1													88	88	108	75	
28/ 27		3.7	2.5	2.														76	76	91	72	
26/ 25	.2	3.7	2.3	.3														65	65	111	78	
24/ 23	.6	1.2	2.3	.1														39	39	88	37	
22/ 21		2.4	1.9	.2														42	42	55	123	
20/ 19		2.3	1.7															37	37	39	123	
18/ 17		1.4	1.9															30	30	28	89	
16/ 15		1.5	1.1															23	23	34	26	
14/ 13		.6	.3															9	9	28	46	
12/ 11		.4	.2															6	6	12	45	
10/ 9		.4	.3															7	7	6	38	
8/ 7		.2	.1															3	3	7	27	
6/ 5		.1																1	1	4	17	
4/ 3		.1																1	1	2	11	
2/ 1																				1	14	
0/ -1																					10	
-2/ -3																					9	
-4/ -5																					2	
-6/ -7																					4	
-8/ -9																					1	
-10/-11																					2	
-12/-13																					1	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] HILL AFB UT — STATION NAME
75-84 — YEARS
JAN — MONTH

PAGE 2 — 1500-1700 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
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]											93[illegible]	93[illegible]	93[illegible]	93[illegible]

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.	4271456	61800	66.5	13.317	930							
Dry Bulb	916739	28251	30.4	7.939	930		54.7					93
Wet Bulb	719614	25000	26.9	7.156	930		71.0					93
Dew Point	447620	18656	20.1	8.887	930	2.9	88.8					93

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

RURAL CLIMATOLOGY BRANCH
USAFETAC
AFC WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72 765 — STATION
HILL AFB UT — STATION NAME
75-84 — YEARS
JAN — MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (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
5 / 4[illegible]					.1													1	1		
[illegible] / 47					.4	.2												6	6		
[illegible] / 45					.3													3	3		
44 / 47		.1	.1	.6	.9	.2												21	21		
[illegible] / 41	.1	.1	.2	.5	.6													15	15	5	1
[illegible] / 39	.1	.2	.6	.8	1.1	.2												29	29	10	3
[illegible] / 37		.9	2.9	.6	.2													43	43	17	2
[illegible] / 35	.1	3.1	2.7	1.7	.1													72	72	40	4
[illegible] / 33	.9	3.5	3.7	1.8														92	92	80	25
[illegible] / 31	1.1	4.5	5.7	1.4														117	117	85	48
[illegible] / 29	1.1	2.4	5.6	2.														103	103	104	59
[illegible] / 27	.5	2.7	3.2	1.														75	75	87	77
[illegible] / 25	.5	5.7	2.5	1.2														88	88	119	6[illegible]
[illegible] / 23	.9	2.7	1.2	.2														41	41	98	32
[illegible] / 21	.6	2.7	1.5															51	51	68	99
[illegible] / 19	.3	2.2	2.3	.1														57	57	47	128
[illegible] / 17	.1	2.3	1.7															34	34	39	1[illegible]
[illegible] / 15		.9	1.2															29	29	41	42
[illegible] / 13		.1	.2															1	11	31	43
[illegible] / 11		.1	.4															13	13	15	45
[illegible] / 9		.5	.2															7	7	13	29
[illegible] / 7	.2	.9	.1															12	12	16	32
[illegible] / 5	.2	.2	.2															6	6	10	21
[illegible] / 3		.5	.1															6	5	5	23
[illegible] / 1																				6	19
[illegible] / -1																					10
[illegible] / -3																					9
[illegible] / -5																					8
[illegible] / -7																					6
[illegible] / -9																					2
[illegible] / -11																					1
[illegible] / -13																					1
[illegible] / -15																					2
[illegible] / -17																					

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	≥ 90 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
72575	HILL AFB UT	75-84	JAN

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	Wet Bulb	Dew Point
TOTAL	6.[illegible]	[illegible]	36.3	12.[illegible]	3.3	.6												93.	93	93	93

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.	9656641	64547	69.4	13.793	930							
Dry Bulb	759791	26105	28.1	8.171	930		64.8					93
Wet Bulb	691828	23409	25.2	7.543	930		77.8					93
Dew Point	413177	17577	18.9	9.338	930	3.9	89.5					93

USAFETAC FORM NO. 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT- WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
25755	HILL AFB UT	75-84	JAN

PAGE 1 — HOURS (L. S. T.): 2100-2300

Temp. (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
99/ 87			.3		.3													3	3		
85/ 8[illegible]		.3		.3	.3	.3												7	7		
84/ 8[illegible]			.4	.2	.5	.6												17	17	3	1
8[illegible]/ 8[illegible]			.4	.4	.3	.1												12	12	3	2
8[illegible]/ 79		.1	.5	.5														13	13	5	
79/ 7[illegible]		.4	1.[illegible]	1.[illegible]														41	41	12	3
7[illegible]/ 35	.1	2.5	3.5	1.3														69	69	33	4
3[illegible]/ 3[illegible]	1.1	2.8	3.9	1.3														90	90	83	22
3[illegible]/ 3[illegible]	.1	3.4	3.2	1.														122	122	67	42
3[illegible]/ 23	.5	3.2	3.5	1.3														80	80	94	54
2[illegible]/ 22	1.1	3.5	3.5	1.4														91	91	122	68
2[illegible]/ 25	.1	4.2	4.[illegible]	.4														83	83	92	71
24/ 23	.4	3.2	1.5	.4														52	52	88	41
22/ 21	.5	3.3	1.4															49	49	84	95
2[illegible]/ 19	.1	3.5	1.7															54	54	47	116
1[illegible]/ 17	.1	3.[illegible]	1.3	.1														47	47	43	81
16/ 1[illegible]		2.7	.[illegible]															34	34	42	61
14/ 13		1.6	.2															18	19	41	45
1[illegible]/ 11		.9	.2															10	10	22	45
1[illegible]/ 9	.1	.5	.4															11	11	12	42
8/ 7		.5	.3															9	9	9	24
6/ 5		.4																4	4	10	19
4/ 3	.1	1.[illegible]	.4															14	14	5	25
2/ 1																				13	22
1/ -1																					12
-2/ -3																					6
-4/ -5																					7
-6/ -7																					14
-8/ -9																					1
-10/-11																					2
-12/-13																					1
-16/-17																					4
TOTAL	5.7	41.5	40.4	10.1	1.3	1.0												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.	4696955	64963	69.9	13.087	930							
Dry Bulb	754124	25322	27.2	8.342	930		67.8					93
Wet Bulb	611494	22724	24.4	7.781	930		79.1					93
Dew Point	398171	17029	18.3	9.693	930	4.7	89.8					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
725755	HILL AFB UT	75-84	JAN

PAGE 1 — HOURS (L. S. T.) ALL

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					.0													1	[illegible]		
52/ 51				.0	.0	.0	.0											5	5		
50/ 49					.1	.1												14	14		
48/ 47			.0	.0	.1	.1												26	26		
46/ 45		.0	.1	.1	.2	.1	.0											42	42	3	
44/ 43		.1	.2	.4	.4	.4												109	109	9	1
42/ 41	.0	.1	.6	.8	.6	.1												162	162	32	7
40/ 39	.0	.3	1.1	1.0	.6	.1												236	236	56	12
38/ 37	.0	.9	2.0	1.2	.7													319	319	136	24
36/ 35	.0	2.8	2.3	1.8	.3													580	580	318	45
34/ 33	.6	3.0	2.8	2.6	.1													692	692	633	172
32/ 31	.7	4.1	5.5	1.9	.0													913	913	594	446
30/ 29	.5	2.4	3.5	1.4	.0													585	585	726	401
28/ 27	.7	4.7	3.1	1.4														738	738	790	446
26/ 25	.5	4.1	3.0	.5														635	635	859	522
24/ 23	.5	2.4	2.0	.2														379	379	706	314
22/ 21	.3	3.3	1.9	.1														414	414	572	697
20/ 19	.3	3.2	1.9	.1														399	399	400	963
18/ 17	.2	2.4	1.4	.0														296	296	357	656
16/ 15	.1	2.2	1.1															255	255	305	445
14/ 13	.1	1.7	.7															184	184	273	409
12/ 11	.1	1.3	.4															129	129	175	394
10/ 9	.0	1.2	.4															116	116	163	295
8/ 7	.0	.7	.3															69	69	114	244
6/ 5	.0	.3	.1															32	32	75	151
4/ 3	.0	.6	.1															50	50	40	177
2/ 1	.0	.5																39	39	51	164
0/ -1	.0	.2																20	20	40	133
-2/ -3		.0																1	1	11	91
-4/ -5																					62
-6/ -7																					60
-8/ -9																					36
-10/ -11																					19
-12/ -13																					10

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) JAN (MONTH)

PAGE 2 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-+/-15																					21
-+/-17																					18
-+/-19																					5
TOTAL	.5	.82	.335	.4	.3	.4	.2	.9	.9	.1									744C		744C
																		744C		744C	

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.	36436276	511088	68.7	13.388	744C							
Dry Bulb	6156171	203817	27.4	8.774	744C	2.1	523.4					744
Wet Bulb	4939362	182013	24.5	8.086	744C	5.1	625.1					744
Dew Point	3149225	134195	18.0	9.898	744C	45.5	717.9					744

USAFETAC FORM NO. 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
725755	HILL AFB UT	75-84	FEB

PAGE 2020-2260 HOURS (L. S. T.)

Temp. (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
52/ 51						.4												3	3		
50/ 49						.1		.2										3	3		
48/ 47						.1	.1	.1										3	3		
46/ 45				.2	.5	.6	.1											12	12		
44/ 43		.1	.1	.6	.9	.1												17	17		
42/ 41		.6	.6	2.2	.7	.1												45	45	5	
40/ 39		1.2	1.4	1.6	1.2	.1												47	47	13	
38/ 37		.8	1.9	3.3	.7													56	56	41	9
36/ 35	.7	2.7	3.7	1.4	.9													80	80	60	14
34/ 33	1.2	2.1	2.3	2.1														66	66	80	28
32/ 31	.4	4.1	5.5	7.1	.1													112	112	82	56
30/ 29	.9	1.3	4.	.6														62	62	87	46
28/ 27	.6	2.8	2.2	.4														51	51	93	71
26/ 25	1.1	2.4	4.3	.2														72	72	84	73
24/ 23	.1	1.1	1.4															22	22	52	42
22/ 21	.1	3.2	7.1	.4														48	48	56	70
20/ 19	.4	5.3	2.5															59	69	47	98
18/ 17		3.7	1.2															41	41	63	59
16/ 15		1.6	.7															20	20	41	64
14/ 13		.5	.4															7	7	23	52
12/ 11			.1															2	2	6	47
10/ 9																				3	43
8/ 7		.1	.4															5	5	2	28
6/ 5																				2	12
4/ 3		.2																2	2	3	17
2/ 1		.5																4	4	2	3
0/ -1																				4	
-2/ -3																					2
-4/ -5																					3
-6/ -7																					2
-8/ -9																					1
-12/-13																					3
-14/-15																					3
-18/-19																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) FEB (MONTH)

PAGE 2 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
TOTAL	[illegible]	34.8	37.6	15.3	5.1	1.5	.2	.4										849	849	849	849

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.	4079565	57659	67.9	13.894	849							
Dry Bulb	8.1855	25273	29.8	8.379	849		51.2					84
Wet Bulb	691469	22463	26.5	7.486	849	.4	64.3					84
Dew Point	408220	16950	20.0	9.074	849	1.7	79.0					84

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

725755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) FEB (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

Temp. (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
59/ 57						.1												1	1		
58/ 51						.1												1	1		
5 / 49						.1	.2	.4										6	6		
48/ 47			.1				.1											2	2		
46/ 45			.4			.1												5	5		
44/ 43			.8	.5	1.1	.1												17	17	2	
42/ 41		.5	.6	1.1	.9	.1												27	27	4	
3 / 39		1.1	1.3	1.4	.9	.1												45	45	10	1
38/ 37	.4	2.0	2.8	2.8	.5													72	72	35	9
36/ 35	.5	2.7	2.6	1.5	.2													64	64	57	22
34/ 33	.9	2.1	2.7	2.1	.2													63	63	81	33
32/ 31	.4	2.9	5.7	2.2														95	95	71	47
3 / 29	1.2	3.1	5.3	.8														88	88	67	32
26/ 27	.5	3.7	2.6	.6														62	62	108	56
2 / 25	.5	3.7	3.1	.4														64	64	97	67
24/ 23	.4	1.8	1.5															31	31	57	46
22/ 21	.2	1.6	1.5															29	29	48	84
2 / 19	.2	4.2	2.5															59	59	42	100
1 / 17	.1	3.8	1.5															46	46	44	76
16/ 15		3.4	.9															37	37	51	51
14/ 13		1.6	.5															18	18	38	32
12/ 11		.5																4	4	18	48
1 / 9		.1																1	1	6	37
8/ 7		.1	.3															4	4	1	43
6/ 5		.1																1	1	2	19
4/ 3		.1																1	1	4	21
2/		.6																5	5		7
/ -		.1																1	1	6	5
-4/ -5																					3
-6/ -7																					4
-12/-13																					1
-14/-15																					5
-16/-19																					2
-20/-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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) FEB (MONTH)

PAGE 2 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
TOTAL	5.2	30.8	36.0	13.4	3.9	.9	.4	.4										849	849	849	849

Element (X)	$\Sigma_n X'$	$\Sigma_n X$	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	4157635	58299	68.7	13.492	849							
Dry Bulb	773586	24562	28.9	8.639	849	.1	58.0					84
Wet Bulb	618433	21939	25.8	7.784	849	.6	65.3					84
Dew Point	397429	16529	19.5	9.956	849	2.1	77.8					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 — STATION
HILL AFB UT — STATION NAME
75-84 — YEARS
FEB — MONTH

PAGE 1 — 0600-0900 HOURS (L. S. T.)

Temp. (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
52/ 51						.1												1	1		
50/ 49								.2										2	2		
48/ 47					.1		.4											5	5		
46/ 45			.4	.2														5	5		
44/ 43			.5	.2	.9													14	14		
42/ 41		.2	1.3	.5	1.1													26	26	5	
40/ 39		.9	1.4	.8	.7	.1												34	34	11	
38/ 37	.5	2.1	2.1	2.2	.7													65	65	33	12
36/ 35	.2	1.8	3.8	2.1	.1													65	65	49	19
34/ 33	1.2	1.9	2.7	2.4														66	66	63	25
32/ 31	.2	3.3	6.1	1.3	.1													94	94	74	53
30/ 29	.7	3.2	4.4	1.1														79	79	76	25
28/ 27		4.2	2.2	.9														63	63	103	41
26/ 25	.1	3.9	2.6	.9														59	59	89	70
24/ 23	.2	1.9	7.1	.2														38	38	65	56
22/ 21	.2	2.8	2.1	.1														45	45	37	68
20/ 19	.1	3.7	2.6															54	54	51	108
18/ 17	.1	2.7	1.2															34	34	52	66
16/ 15		3.2	1.4															39	39	37	50
14/ 13		3.5	.4															33	33	39	37
12/ 11		1.2	.1															11	11	35	41
10/ 9		.6																5	5	12	48
8/ 7																				6	36
6/ 5			.1															1	1		26
4/ 3		.4	.1															4	4	1	22
2/ 1		.2																2	2	5	21
0/ -1		.4																3	3	2	5
-2/ -3		.2																2	2	4	5
-4/ -5																					1
-6/ -7																					5
-14/-15																					2
-16/-17																					1
-18/-19																					1
-20/-21																					2

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
22755	HILL AFB UT	75-84	FEB

PAGE 2 — HOURS (L. S. T.): 0600-0800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-30/-35																					2
-20/-25																					1
TOTAL	3.7	42.3	37.2	12.1	3.8	.2	.5	.2										849	849		849
																				849	

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.	4155651	58335	68.7	13.186	849							
Dry Bulb	736777	23847	28.1	8.886	849	.5	56.0					84
Wet Bulb	590096	21294	25.1	8.127	849	.6	68.1					84
Dew Point	380385	15873	18.7	9.930	849	2.5	78.5					84

USAFETAC FORM AS 04 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 — STATION
HILL AFB UT — STATION NAME
75-84 — YEARS
FEB — MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (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									.1									1	1		
52/ 51						.4	.2											5	5		
50/ 49				.1	.2	.1	.4											7	7		
48/ 47				.2	.4	.7	.2											13	13		
46/ 45			.1	1.1	1.1	1.2	.											30	30		
44/ 43		.1	.2	1.2	.9	.4	.2											26	26	1	
42/ 41		1.1	.8	1.3	1.5	.4												43	43	12	
40/ 39		.9	1.4	2.4	2.0	.5												61	61	34	5
38/ 37	.1	1.2	2.5	2.5	.5													57	57	44	7
36/ 35	.2	2.2	3.1	2.9	.6													75	75	66	27
34/ 33	.6	1.5	2.5	2.8	.2													65	65	93	30
32/ 31	.5	2.7	5.7	2.1	.2													95	95	75	39
30/ 29	.2	2.1	3.4	.6														54	54	79	55
28/ 27	1.2	2.7	2.2	.6														57	57	101	51
26/ 25	.2	2.2	3.4	.6														53	53	73	77
24/ 23		2.0	3.0															34	34	45	59
22/ 21	.1	2.1	2.9	.1														45	45	52	76
20/ 19	.1	3.9	2.6															55	55	46	100
18/ 17		1.8	1.5															28	28	50	66
16/ 15		1.5	.6															18	18	31	45
14/ 13		.8	.1															8	8	25	36
12/ 11		.2	.7															8	8	9	48
10/ 9		.1																1	1	3	38
8/ 7																				7	32
6/ 5		.1	.2															3	3		16
4/ 3		.1	.1															2	2	4	10
2/ 1		.2																2	2	1	10
0/ -1		.2																2	2	3	5
-2/ -3																				1	2
-4/ -5																					5
-6/ -7																					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	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) FEB (MONTH)

PAGE [illegible] [illegible]-11[illegible] (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
[illegible]/-15																					1
[illegible]/-17																					2
[illegible]/-19																					2
[illegible]/-23																					1
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									849	849	849	849

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	≤92 F	Total
Rel. Hum.	3777211	55343	65.2	19.143	849							
Dry Bulb	896536	26318	31.[illegible]	9.131	849	.2	46.0					84
Wet Bulb	691443	23099	27.2	7.909	849	.8	59.9					84
Dew Point	917663	17057	20.1	9.903	849	2.2	77.2					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
2[illegible]755	HILL AFB UT	75-84	FEB

PAGE

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

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
[illegible] / 67																					
[illegible] / 65																					
[illegible] / 67																					
[illegible] / 65																					
[illegible] / 63																					
[illegible] / 5[illegible]																					
[illegible] / 49																					
[illegible] / 47																					
[illegible] / 45																					
44 / 43																					
[illegible] / [illegible]																					
[illegible] / [illegible]																					
[illegible] / 77																					
[illegible] / 75																					
[illegible] / 73																					
[illegible] / 71																					
[illegible] / 69																					
[illegible] / 67																					
[illegible] / 65																					
[illegible] / 63																					
[illegible] / 61																					
[illegible] / 59																					
[illegible] / 57																					
[illegible] / 55																					
[illegible] / 53																					
[illegible] / 51																					
[illegible] / 49																					
[illegible] / 47																					
[illegible] / 45																					
[illegible] / 43																					
[illegible] / 41																					
[illegible] / 39																					
[illegible] / 37																					
[illegible] / 35																					
[illegible] / 33																					
[illegible] / 31																					
[illegible] / 29																					
[illegible] / 27																					
[illegible] / 25																					
[illegible] / 23																					
[illegible] / 21																					
[illegible] / 19																					
[illegible] / 17																					
[illegible] / 15																					
[illegible] / 13																					
[illegible] / 11																					
[illegible] / 9																					
[illegible] / 7																					
[illegible] / 5																					
[illegible] / 3																					
[illegible] / 1																					
[illegible] / -1																					
[illegible] / -3																					
[illegible] / -5																					

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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72575 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) FEB (MONTH)

PAGE 2 1200-1800 (Hours L.S.T.)

Temp. (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
-9/-9																					1
-11/-11																					2
-13/-13																					1
-15/-15																					2
TOTAL	2.2	15.7	37.2	26.7	17.3	6.5	3.4	1.1	.5	.4	.1							849	849		849
																				849	

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.	3268811	51071	60.2	15.229	849							
Dry Bulb	1190536	30179	35.5	8.982	849		32.3					84
Wet Bulb	830916	25862	30.5	7.130	849		48.0					84
Dew Point	976887	18855	22.2	8.281	849	1.5	76.6					84

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	HILL AFB UT	75-84	FEB

PAGE 1 — HOURS (L. S. T.): 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
[illegible]											[illegible]							2	2		
[illegible]								.4		.1								4	4		
[illegible]							.1	.4										4	4		
[illegible]						.1	.4	.6	.4	.2								14	14		
[illegible]						.5	.4	.6	.2									14	14		
[illegible]						.7	1.6	.2										22	22		
[illegible]					.9	1.3	.5	.1										24	24		
[illegible]			.4	.7	1.8	1.6	.4											41	41	[illegible]	
[illegible]			.8	1.6	2.[illegible]	1.4	.6											55	55	7	
[illegible]			.2	1.5	2.8	1.1												48	48	12	
[illegible]		.2	.7	2.7	2.4	.7												57	57	47	2
[illegible]		.5	1.3	3.3	2.2	.4												65	65	68	3
[illegible]	.1	1.1	3.4	2.5	1.4													72	72	76	[illegible]
[illegible]	.4	1.2	1.5	3.1	.2													54	54	82	19
[illegible]	.3	1.9	2.1	4.[illegible]	.1													76	76	118	38
[illegible]	.7	3.3	3.4	3.4	.1													93	93	73	80
[illegible]		.6	3.3	1.2														43	43	85	77
[illegible]	[illegible]	2.1	3.4	.9														56	56	57	86
[illegible]		.6	[illegible]	.2														25	25	84	80
[illegible]	.2	.7	1.2															18	19	44	57
[illegible]		1.8	.9	.1														24	24	32	76
[illegible]	.1	1.9	.3	.1														23	23	24	93
[illegible]			.5	.2														6	6	18	58
[illegible]				.2														2	2	6	54
[illegible]			.[illegible]															2	2	5	57
[illegible]			.5															4	4	2	26
[illegible]			.1															1	1	3	9
[illegible]																				4	3
[illegible]																				1	2
[illegible]																					3
[illegible]																					1
[illegible]																					2
[illegible]																					3
[illegible]																					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

725755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) FEB (MONTH)

PAGE 2 1500-1700 (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
-11/-7																					2
-8/-9																					3
-7/-11																					2
-1/-13																					1
TOTAL	2.5	15.7	26.9	25.9	14.7	7.9	3.9	2.2	.6	.4	.2							849	849		849
																		849		849	

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.	1232002	50672	59.7	15.649	849							
Dry Bulb	1205280	31022	36.5	9.199	849		29.4					84
Wet Bulb	869485	26499	31.2	7.071	849		43.3					84
Dew Point	498583	19433	22.9	7.963	849	1.5	76.9					84

USAFETAC FORM AN 54 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
725755	HILL AFB UT	75-84	FEB

PAGE 1 — HOURS (L. S. T.): 1800-2000

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 O.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
[illegible] / 57										.1								1	1		
56 / 55							.[illegible]											2	2		
54 / 53							.[illegible]		.2									6	6		
52 / 5[illegible]						.[illegible]	.1											3	3		
5[illegible] / 49					.4	.6	.2											10	[illegible]		
[illegible] / 47					1.3	.5	.2											21	21		
46 / 45			.6	.7	2.0	.8												35	35		
44 / 43			.4	2.[illegible]	2.1	.5												42	42	2	
42 / 4[illegible]		.2	2.5	2.6	1.8	.7												66	66	17	
4[illegible] / 39		.6	2.4	3.2	1.8	.1												68	68	37	1
3[illegible] / 37		1.3	2.9	3.9	.7													75	75	83	6
3[illegible] / 35	.6	1.5	3.7	2.[illegible]	.6													71	71	87	18
34 / 33	.6	2.[illegible]	[illegible].2	2.[illegible]	.1													59	59	92	38
[illegible] / 31	.6	3.3	3.5	1.4	.2													77	77	96	78
[illegible] / 29	.9	1.9	4.2	1.1														68	68	74	80
[illegible] / 27	.2	2.4	3.8	.6														59	59	67	89
26 / 25	.[illegible]	2.1	2.9	.2														46	46	77	69
24 / 23	.2	.9	1.6															24	24	61	60
[illegible] / 21	.5	1.6	2.[illegible]	.1														36	36	41	85
[illegible] / 19	.1	4.[illegible]	1.5	.1														49	49	35	82
[illegible] / 17		1.4	.2															14	14	45	34
16 / 15		.1	.2															3	3	16	51
[illegible] / 13			.3															4	4	4	42
1[illegible] / 11			.4															3	3	3	47
[illegible] / 9			.5															4	4	2	31
[illegible] / 7			.[illegible]															1	1	5	15
[illegible] / 5			.2															2	2	2	4
4 / 3																				3	2
[illegible] / -1																					2
-2 / -3																					2
-4 / -5																					2
-6 / -7																					2
-[illegible] / -9																					2
-[illegible] / -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

72755 — STATION
HILL AFB UT — STATION NAME
75-84 — YEARS
FEB — 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
-1 /-13																					2
-1 /-17																					2
-1 /-19																					1
TOTAL	3.	23.	36.	9.	9.	1.	3.	1.		.2	.1								849		849
																		849		849	

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.	3767482	55184	65.1	19.593	849							
Dry Bulb	1[illegible]0352.	28240	33.3	8.700	849		38.6					84
Wet Bulb	766661	24761	29.2	7.245	849		82.5					84
Dew Point	477506	18779	22.1	8.575	849	1.7	77.8					84

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	HILL AFB UT	75-84	FEB

PAGE 1 — HOURS (L. S. T.) 2100-2300

Temp. (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
5[illegible] / 55							•	•1										2	2		
54 / 57							•		•2									3	3		
5[illegible] / 51						•4			•1									4	4		
[illegible] / 49						•1												1	1		
48 / 47					•2													2	2		
46 / 45			•1	•4	•8	•7												19	19		
44 / 43			•1	1•1	1•6	•2												28	28	2	
42 / 41		•5	1•1	2•9	1•1	•5												51	51	8	
40 / 39		1•2	2•9	2•9	1•9	•5												80	80	14	
38 / 37		1•1	2•4	3•7	•5													64	64	50	8
36 / 35	•2	2•2	2•6	3•3	•1													72	72	79	21
34 / 33	•6	1•1	2•6	1•9														69	69	91	23
32 / 31	1•2	3•4	5•7	1•9	•2													105	105	104	69
30 / 29	•6	2•3	2•9	•7														55	55	84	50
28 / 27	•1	2•1	3•2	•7														52	52	98	89
26 / 25	•5	2•2	4•5	•4														62	62	57	76
24 / 23	•1	1•5	1•1	•4														26	25	65	52
22 / 21	•2	2•5	2•3															42	42	53	70
20 / 19		4•9	2•2															61	61	41	99
18 / 17	•4	2•1	•2															23	23	62	52
16 / 15		•8	•5															11	11	21	57
14 / 13		•4	•2															6	6	10	48
12 / 11			•															2	2	6	45
10 / 9			•4															3	3	3	42
8 / 7			•2															2	2	2	19
6 / 5			•2															2	2	4	9
4 / 3			•2															2	2	3	5
2 / 1																				2	3
0 / -1																					1
-2 / -3																					1
-4 / -5																					3
-6 / -7																					3
-8 / -11																					3
-12 / -13																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) FEB (MONTH)

PAGE 2 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
[illegible]/-15																					2
[illegible]/-17																					2
[illegible]/-19																					1
TOTAL	[illegible]	[illegible]	36.4	20.1	6.5	2.4	.2	.1	.4										649		849
																		849		849	

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.	3969217	56719	66.8	19.366	849							
Dry Bulb	893649	26609	31.3	8.394	849		49.9					84
Wet Bulb	696784	23529	27.7	7.283	849		59.9					84
Dew Point	489984	17838	21.0	8.835	849	1.7	78.9					84

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

[illegible]55 — STATION
HILL AFB UT — STATION NAME
75-84 — YEARS
FEB — MONTH

PAGE 2

ALL — HOURS (L. S. T.)

Temp. (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
[illegible] / 6											.[illegible]							3	[illegible]		
[illegible] / 59								.0		.0								0	0		
[illegible] / 57							.[illegible]	.1	.0	.0								11	11		
56 / 55						.0	.1	.1	.1	.0								26	26		
54 / 53						.[illegible]	.2	.1	.1									32	32		
[illegible] / 51					.0	.4	.4	.1	.0									60	60		
5[illegible] / 49				.1	.3	.5	.3	.1										83	83		
48 / 47			.1	.2	.7	.6	.3	.0										125	125	1	
46 / 45			.4	.6	1.[illegible]	.7	.1											188	188	10	
44 / 43		.1	.3	1.0	1.5	.8	.[illegible]											237	237	36	
42 / 41		.5	1.[illegible]	2.[illegible]	1.4	.4												379	379	135	[illegible]
4[illegible] / 39		.9	1.8	2.4	1.7	.7												471	471	245	17
38 / 37	.1	1.2	2.7	3.[illegible]	.8	.[illegible]												534	534	427	67
36 / 35	.4	1.9	2.8	2.4	.5													546	546	552	163
34 / 33	.8	2.[illegible]	2.2	2.6	.1													571	531	724	251
[illegible] / 31	.5	3.2	5.1	2.2	.2													753	753	662	475
[illegible] / 29	.0	2.1	3.8	1.[illegible]														507	507	620	445
28 / 27	.4	2.3	2.8	.8														456	456	712	552
26 / 25	.3	2.2	3.3	.4														423	423	624	603
24 / 23	.2	1.3	1.6	.1														215	215	497	427
22 / 21	.2	2.2	1.9	.1														298	298	355	617
[illegible] / 19	.1	3.5	2.[illegible]	.1														391	391	325	762
[illegible] / 17	.1	1.9	.9	.[illegible]														196	196	345	482
[illegible] / 15		1.3	.6	.[illegible]														132	132	215	412
[illegible] / 13		.9	.4															82	82	148	357
1[illegible] / 11		.2	.3															36	36	92	339
[illegible] / 9		.1	.1															17	17	35	263
[illegible] / 7		.0	.1															13	13	29	189
[illegible] / 5		.0	.1															10	10	14	90
[illegible] / 3		.1	.1															11	11	19	81
[illegible] / 1		.2																13	13	10	50
[illegible] / -1		.1																6	6	15	24
-[illegible] / -3		.0																2	2	5	17
-4 / -5																					22

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb							
Wet Bulb							
Dew Point							

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 — STATION
HILL AFB UT — STATION NAME
75-84 — YEARS
FEB — MONTH
PAGE 2
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
-[illegible]/-7																					19
-[illegible]/-9																					8
-[illegible]/-11																					10
-[illegible]/-13																					9
-[illegible]/-15																					15
-[illegible]/-17																					7
-[illegible]/-19																					11
-[illegible]/-21																					3
-[illegible]/-23																					7
-[illegible]/-25																					1
TOTAL	3.[illegible]	8.9	34.6	18.9	8.1	3.3	1.4	.5	.2	.1	.[illegible]							6792	6792	6792	6792

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.	30402574	443282	65.3	14.721	6792							
Dry Bulb	7451746	216040	31.8	9.241	6792	.8	352.3					672
Wet Bulb	5695287	189443	27.9	7.784	6792	2.0	461.3					672
Dew Point	3497622	141304	20.8	9.064	6792	14.7	622.4					672

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
725755	HILL AFB UT	75-84	MAR

PAGE 1 — HOURS (L. S. T.): 0000-0200

Temp. (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
[illegible] / 59							.1	.1										2	2		
[illegible] / 57							.1											1	1		
[illegible] / 55							.1	.2										4	4		
[illegible] / 53							.1	.1	.2									6	6		
[illegible] / 51					.1	.5	.2		.1									9	9		
[illegible] / 49					.4	.6	.3											13	13		
[illegible] / 47			.1	.1	.2	.4	.4	.1										24	24	3	
[illegible] / 45			.4	1.7	2.5	.4	.3											46	46		
[illegible] / 43		.7	1.2	2.2	2.5	.5												62	62	6	
[illegible] / 41		.6	1.2	2.3	1.2	.4												53	53	31	1
[illegible] / 39		1.4	3.3	3.9	2.7	.2												107	107	57	6
[illegible] / 37	.1	2.2	4.1	4.3	2.3	.2												122	122	93	16
[illegible] / 35		1.2	4.6	4.1	.8													99	99	95	35
[illegible] / 33	1.1	3.[illegible]	3.[illegible]	3.[illegible]	.3													97	97	131	52
[illegible] / 31	1.7	2.5	3.5	2.9	.1													100	100	148	101
[illegible] / 29	.4	.3	4.2	.6														52	52	104	64
[illegible] / 27		1.[illegible]	2.3	.1														31	31	71	120
[illegible] / 25		1.9	1.3	.4														40	40	71	113
[illegible] / 23	.1	1.[illegible]	.5															19	19	46	42
2/ 21	.3	.5	.4															12	12	28	75
[illegible] / 19	.1	.8																8	8	16	108
[illegible] / 17	.2	.3	.3															8	8	10	67
[illegible] / 15		.4	.3															7	7	2	61
[illegible] / 13	.1	.2	.3															6	6	9	28
[illegible] / 11		.1																2	2	6	9
[illegible] / 9																				3	11
[illegible] / 7																					11
[illegible] / 5																					1
[illegible] / 3																					1
[illegible] / 1																					5
[illegible] / -1																					3
TOTAL	.3	17.8	32.3	25.6	13.7	3.9	2.0	.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
Ref. Num.	4093862	60162	64.6	5.023	930							
Dry Bulb	1243374	33278	35.8	7.524	930		28.5					93
Wet Bulb	946199	29117	31.3	6.102	930		51.4					93
Dew Point	597668	22626	24.3	7.328	930	.3	82.0					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

STATION	STATION NAME	YEARS	MONTH
24255	HILL AFB UT	75-84	MAR

PAGE 1 — HOURS (L. S. T.): 0300-0500

Temp. (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
[illegible] / 57									.1									1	[illegible]		
[illegible] / 55					.1	.2			.1									4	4		
[illegible] / 53						.1	.2	.1										4	4		
[illegible] / 51						.1			.1									3	3		
[illegible] / 49					.4	.2		.1										16	16		
[illegible] / 47					1.3	.5	.1	.1										19	19	1	
[illegible] / 45			.1	.1	1.5	.1	.2											32	32	2	
[illegible] / 43		.3	.1	.9	2.5	.2												47	47	1	
[illegible] / 41		.3	.7	2.2	1.4	.4												56	56	25	1
[illegible] / 39	.1	1.7	2.9	3.2	1.5	.3												94	94	47	6
[illegible] / 37		2.3	2.5	3.5	1.2	.3												95	95	88	7
[illegible] / 35	.2	1.6	4.1	2.9	1.[illegible]													109	109	78	33
[illegible] / 33	.8	1.9	3.9	3.7														95	95	124	57
[illegible] / 31	1.2	4.6	5.2	4.2														141	141	122	81
[illegible] / 29	.5	.8	2.8	1.1														44	44	125	8[illegible]
[illegible] / 27	.1	1.1	3.2	.4														50	50	93	98
[illegible] / 25		1.8	2.2	.3														38	38	71	106
[illegible] / 23	.1	1.3	1.[illegible]															22	22	58	52
[illegible] / 21		.6	.5															20	20	32	81
[illegible] / 19	.1	.3	.2															11	11	26	100
[illegible] / 17	.2	.3	.2															7	7	3	79
[illegible] / 15	.1	.6																7	7	13	65
[illegible] / 13		.1	.3															4	4	6	26
[illegible] / 11	.3	.6																11	11	7	18
[illegible] / 9																				8	14
[illegible] / 7																					8
[illegible] / 5																					5
[illegible] / 3																					3
[illegible] / 1																					3
[illegible] / -1																					6
[illegible] / -3																					1
TOTAL	4.	21.0	35.2	23.7	11.3	3.8	.5	.3	.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.	4225769	61227	65.8	14.983	930							
Dry Bulb	1169575	32147	34.6	7.668	930		35.5					93
Wet Bulb	896255	28265	30.4	6.329	930		56.4					93
Dew Point	571298	22018	23.7	7.337	930	.7	82.6					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
725755	HILL AFB LT	75-84	MAR

PAGE 1 — HOURS (L. S. T.) 0600-0800

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/ 57						.1												1	1		
5[illegible]/ 55						.2	.1	.1	.1									5	5		
54/ 53						.1												1	[illegible]		
52/ 51						.1	.1											2	2		
5[illegible]/ 49					.2	.6												8	8		
48/ 47				.1	1.2	.4												16	16	1	
46/ 45			.2	1.1	2.0	.8	.4											42	42	2	
44/ 43		.2	.6	1.4	1.4	.2												36	36	2	
4[illegible]/ 41		.5	.9	2.6	1.4	.5												55	55	16	
4[illegible]/ 39		1.7	3.[illegible]	3.3	2.3	.2												98	98	45	5
38/ 37		2.2	4.2	3.4	.9	.2												101	101	70	1[illegible]
36/ 35	.1	1.7	4.[illegible]	2.9	.4													85	85	95	26
3[illegible]/ 33	.6	1.8	3.7	4.4	.3													101	101	123	52
3[illegible]/ 31	.8	4.[illegible]	6.5	3.7														138	138	108	78
3[illegible]/ 29	.2	1.5	3.1	1.2														56	56	116	88
28/ 27	.1	1.[illegible]	2.3	.4														35	35	106	83
26/ 25	.4	1.7	3.8	.2														57	57	78	103
24/ 23		1.7	1.3	.1														34	34	54	55
22/ 21	.1	1.2	.5															17	17	54	93
[illegible]/ 19	.2	.4	.6															12	12	22	86
18/ 17	.3	.2	.2															7	7	7	88
16/ 15		.3	.2															5	5	6	65
14/ 13		.4	.2															6	6	8	41
1[illegible]/ 11	.2	.5	.1															8	8	7	13
[illegible]/ 9	.2	.2																4	4	8	17
6/ 7																				2	1[illegible]
[illegible]/ 5																					2
4/ 3																					2
[illegible]/ 1																					2
[illegible]/ -1																					9
-[illegible]/ -3																					2
TOTAL	1.3	21.4	35.9	24.8	10.1	3.5	.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.	4208499	61230	65.8	13.311	930							
Dry Bulb	1133533	31687	34.1	7.616	930		37.9					93
Wet Bulb	873384	27872	30.0	6.401	930		57.6					93
Dew Point	554928	21644	23.3	7.428	930	1.1	83.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
72755	HILL AFB UT	75-84	MAR

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (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
[illegible] / 57									.1									1	1		
64 / 65									.1									1	1		
[illegible] / 67							.1											1	1		
[illegible] / 59							.1		.2									3	3		
[illegible] / 55						.1	.2	.1										4	4		
[illegible] / 57							.2	.5		.1								8	8		
5[illegible] / 55					.1	.1	.3		.1									6	6		
[illegible] / 57						.3	.4		.1									14	14		
[illegible] / 5[illegible]					.2	1.1	.6	.2										21	21	2	
[illegible] / 45				.1	1.2	1.8	.5	.1										35	35	4	
[illegible] / 47			.2	.6	1.4	1.5	.5											41	41	3	
[illegible] / 45			.1	2.4	2.3	2.2	.2											69	69	16	
[illegible] / 41		.1	.2	2.2	2.6	.6	.1											75	75	17	
[illegible] / 41		.1	1.7	2.8	2.6	.8	.1											91	91	51	1
[illegible] / 35		1.9	3.[illegible]	3.8	3.2	.5												116	116	86	6
[illegible] / 35	.1	.6	3.3	3.[illegible]	1.4													79	79	107	[illegible]
[illegible] / 35	.1	1.9	2.5	2.3	1.2													79	79	111	46
34 / 33	.1	1.7	1.3	3.2	.4													69	69	133	35
[illegible] / 31	.1	2.5	3.[illegible]	1.9	.6													[illegible]	80	100	127
[illegible] / 25	.1	.5	2.6	.9	.1													44	44	86	1[illegible]5
[illegible] / 77	.2	1.4	2.3	.3														39	39	66	94
[illegible] / 75		1.5	.6															26	2[illegible]	67	64
24 / 23		.4	.9	.1														12	12	40	68
22 / 21		.4	.5	.2														11	11	1[illegible]	52
[illegible] / 19	.1	.2	.1															5	5	14	9[illegible]
1[illegible] / 17		.5	.2															7	7	6	65
[illegible] / 15		.3	.4															6	6	7	5[illegible]
[illegible] / 13		.1	.2															3	3	6	18
[illegible] / 11																				4	19
[illegible] / 9																					13
[illegible] / 7																					2
[illegible] / 5																					5
[illegible] / 1																					4
[illegible] / -1																					2

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] HILL AFB UT 75-84 MAR

STATION | STATION NAME | YEARS | MONTH

PAGE [illegible] [illegible]-1[illegible]

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
[illegible]																					
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	17.7	[illegible]	4.2	1.[illegible]	.6	.1									[illegible]		[illegible]
																		97[illegible]		97[illegible]	

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.	3610831	56131	60.4	15.493	93C							
Dry Bulb	1427957	35611	38.3	8.324	93C		22.7	.1				93
Wet Bulb	3041844	30552	32.9	6.409	93C		40.6					93
Dew Point	623292	23124	24.9	7.212	93C	.3	82.C					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

[illegible]755 — STATION
HILL AFB UT — STATION NAME
75-84 — YEARS
MAR — MONTH

PAGE [illegible] — 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
[illegible] / 65											.1							3	3		
[illegible] / 67									.1		.1							2	2		
[illegible] / 65								.2	.2	.1		.1						6	6		
[illegible] / 67							.	.1	.2	.3	.1							8	8		
[illegible] / 61								.1	.2	.3	.1							7	7		
[illegible] / 59							.1	.5	.3	.2								13	13		
[illegible] / 57					.1		.1	.5	.3	.3								15	15		
[illegible] / 55					.1	.1	.6	1.6	.4	.1								28	28		
[illegible] / 53					.2	1.3	1.7	1.0	.4									43	43	1	
[illegible] / 5[illegible]				.1	.5	1.2	1.5	.6										37	37	5	
[illegible] / 49		.1		.4	1.5	2.5	1.9	.2										62	62	9	
[illegible] / 47				1.[illegible]	3.[illegible]	3.7	.5	.2										82	82	12	
[illegible] / 45	.1	.1	.4	1.5	2.4	2.2	.5											67	67	22	3
[illegible] / 43		.3	1.1	.9	2.9	1.6	.3											66	66	48	
[illegible] / 4[illegible]		1.[illegible]	1.2	1.8	3.2	1.4	.[illegible]											81	81	83	3
[illegible] / 39		1.4	2.3	2.4	2.7	.8	.1											89	89	128	9
[illegible] / 37	.2	.5	1.6	2.4	1.8	.2												63	63	106	29
[illegible] / 35	.1	1.4	1.5	2.3	1.5													63	63	102	54
34 / 33	.[illegible]	2.[illegible]	.6	1.7	1.[illegible]	.3												53	53	112	4[illegible]
32 / 31	.[illegible]	1.5	2.4	1.2	.1													53	53	92	122
[illegible] / 29	.[illegible]	1.1	1.9	.3														33	33	65	84
[illegible] / 27		1.2	.5	.4														20	2[illegible]	6[illegible]	104
[illegible] / 25		.8	.3	.4														14	14	42	104
24 / 2[illegible]	.1	.6	.5	.2														14	14	13	49
22 / 21																				11	86
[illegible] / 19	.[illegible]	.1	.1															3	3	11	101
[illegible] / 17		.1	.3															4	4	1	54
16 / 15			.1															1	1	4	4[illegible]
[illegible] / 13																				2	18
12 / 11																					12
[illegible] / 9																					5
[illegible] / 7																					4
[illegible] / 5																					8
[illegible] / 3																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]755	HILL AFB UT	75-84	MAR

PAGE [illegible] 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	Wet Bulb	Dew Point
TOTAL	[illegible]	[illegible]	14.9	17.3	21.1	14.9	8.[illegible]	5.2	2.3	1.6	.4	.1							93[illegible]		93[illegible]
																		93[illegible]		93[illegible]	

Element (X)	Σ_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.	3057418	50772	54.6	17.533	93[illegible]							
Dry Bulb	1734448	39238	42.2	9.218	93[illegible]		14.2	.5				93
Wet Bulb	1187223	32697	35.2	6.367	93[illegible]		30.2					93
Dew Point	653121	23781	25.6	6.961	93[illegible]		79.3					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

STATION	STATION NAME	YEARS	MONTH
[illegible]	HILL AFB UT	75-84	MAR

PAGE 1 — HOURS (L. S. T.): 1500-1700

Temp. (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
[illegible] / 69											.4							4	4		
[illegible] / 67										.2	.2							4	4		
[illegible] / 65									.1	.1								2	2		
[illegible] / 63							.1		.2	.4	.2	.2						11	11		
[illegible] / 61							.1	.1	.4	.5	.3							14	14		
[illegible] / 59							.2	.9	.8	.3								22	22		
[illegible] / 57							.4	.4	.6	.3								17	17		
[illegible] / 55							1.2	1.1	.3	.2								26	26		
[illegible] / 53						.5	1.6	1.1	.2									33	33		
[illegible] / 51		.1	.2	.1	.4	2.0	2.3	.5	.1									54	54	2	
[illegible] / 49			.1	.2	1.6	2.7	2.3	.6										70	70	12	
[illegible] / 47			.5	.1	2.2	2.5	.9	.1										61	61	14	1
[illegible] / 45			.7	1.3	3.3	2.4	.9	.1										82	82	19	2
[illegible] / 43		.7	.6	1.9	3.3	2.6	.9	.1										86	86	57	2
[illegible] / 41		.4	2.3	1.7	2.7	1.5	.5											85	85	92	2
[illegible] / 39		.2	1.4	.7	2.9	1.7												71	71	117	16
[illegible] / 37	.2	1.4	2.[illegible]	1.[illegible]	2.4	.9												72	72	128	20
[illegible] / 35		.1	1.3	1.2	1.3	.1												46	46	108	29
[illegible] / 33		2.3	1.7	1.4	.4	.1												50	50	95	68
[illegible] / 31	.1	1.5	1.8	1.6	.4													51	51	85	97
[illegible] / 29	.1	.5	1.7	.4														26	26	69	88
[illegible] / 27	.1	1.3	.7	.3														18	18	56	107
[illegible] / 25	.1	.1	.5	.1														9	9	44	93
[illegible] / 23		.1	.9															8	8	6	70
[illegible] / 21		.3																3	3	11	82
[illegible] / 19			.4															4	4	8	91
[illegible] / 17			.2															2	2		56
[illegible] / 15																				5	39
[illegible] / 13																				1	25
[illegible] / 11																					20
[illegible] / 9																					11
[illegible] / 7																					5
[illegible] / 5																					7
[illegible] / 3																					1

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≥ 0 F	[illegible]	≥ 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

STATION	STATION NAME	YEARS	MONTH
725755	HILL AFB UT	75-84	MAR

PAGE 2 — HOURS (L. S. T.): 1500-1700

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
TOTAL	.6	10.5	16.7	12.3	21.0	16.6	10.9	5.1	2.9	2.2	1.2	.2						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.	2839683	48583	52.3	17.949	929							
Dry Bulb	1853781	40045	43.1	9.146	929		12.1	.8				93
Wet Bulb	1208185	33005	35.5	6.194	929		28.5					93
Dew Point	638357	23429	25.2	7.153	929		79.0					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

[illegible] (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) MAR (MONTH)

PAGE 1 1800-2000 (HOURS (L. S. T.))

Temp. (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
[illegible]/67										.1								1	-		
[illegible]/65									.1									1	1		
[illegible]/63									.2	.1								3	3		
[illegible]/61								.1		.1	.1							3	3		
[illegible]/59						.1	.1	.2	.3	.2								9	9		
[illegible]/57						.2	.5	.4	.3	.2								17	17		
[illegible]/55						.1	.5	.5	.4									15	15		
[illegible]/53				.1		.2	1.4	.5										21	21		
[illegible]/51			.1		.2	.8	.9	.2										21	21		
[illegible]/49		.1	.1	.1	.9	1.4	1.6	.1										33	33	3	
[illegible]/47			.2	.4	2.3	2.2	.6	.1										55	55	12	1
[illegible]/45		.1	1.2	1.4	3.1	1.5	.4	.1										74	74	11	
[illegible]/43		.4	1.2	2.8	3.2	1.3	.2											86	86	29	2
[illegible]/41		.5	1.9	3.3	3.2	1.2	.1											95	95	60	2
[illegible]/39	.1	1.6	2.7	2.3	1.[illegible]	.8	.1											98	98	105	11
38/37	.1	1.4	2.6	2.6	1.9	.6												86	86	120	27
36/35	.2	2.8	2.6	2.8	1.1	.2												86	86	124	45
34/33		1.7	2.6	2.2	.6													66	66	108	57
[illegible]/31	.4	2.2	1.8	2.6	.4													70	70	110	101
[illegible]/29	.1	.6	1.4	.2	.1													25	25	79	94
28/27	.1	1.7	.5	.3														25	25	78	94
[illegible]/25	.2	.6	.4	.2														14	14	56	106
[illegible]/23	.1	.3	.3															7	7	15	77
[illegible]/21		.1	.4															5	5	9	81
[illegible]/19		.4	.2															6	6	4	83
18/17	.1	.1	.4															6	6	8	55
[illegible]/15		.2																2	2	5	23
14/13																				4	24
12/11																					19
[illegible]/9																					11
8/7																					5
6/5																					6
4/3																					5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) MAR (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
TOTAL	1.5	14.6	21.0	21.3	27.2	10.6	5.9	2.4	1.4	.8	.1							930	930	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_s	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Ref. Hum.	3497384	54390	58.5	6.935	930							
Dry Bulb	1552263	37217	40.0	8.229	930		16.0	.1				93
Wet Bulb	1109368	31628	34.0	6.027	930		36.2					93
Dew Point	650796	23686	25.5	7.158	930		78.4					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

425755 — STATION
HILL AFB UT — STATION NAME
75-84 — YEARS
MAR — MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (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
6 / 59							•	.1										2	2		
58 / 57								.3	.1									4	4		
56 / 55							.7	.7	.4	.1								9	9		
54 / 53						.4	1.0	.4										17	17		
52 / 5			.7			.4	1.1	.2										19	19		
5 / 49					.4	.4	.8											15	15		
48 / 47				.4	1.6	1.3	.2											33	33	4	
46 / 45			.9	1.3	1.9	1.5												89	89	8	3
44 / 43		.6	1.2	1.8	2.4	.3												64	64	11	
42 / 41		.8	1.7	3.2	2.4	.6												93	93	42	3
40 / 39	.2	1.5	1.7	4.6	1.9	.8												99	99	76	6
38 / 37		2.7	3.3	3.1	2.5	.2												104	104	95	10
36 / 35	.4	2.8	4.7	2.8	.8													100	100	107	48
34 / 33	.6	2.5	3.[illegible]	4.2	.6													103	103	146	40
32 / 31	.6	2.4	4.7	2.8														91	91	113	108
30 / 29	.1	.8	2.4	1.1														40	40	102	93
28 / 27		1.3	1.6	.2														29	29	82	92
26 / 25	.3	1.2	.8	.6														27	27	66	116
24 / 23	.3	1.1	.1															14	14	36	51
22 / 21	.2	.3	.3															8	8	18	99
20 / 19		.4	.1															5	5	7	101
18 / 17		.2	.4															6	6	6	52
16 / 15		.1	.4															5	5	3	50
14 / 13		.3																3	3	8	25
12 / 11		.1																1	1	4	9
10 / 9																					4
8 / 7																					7
6 / 5																					5
4 / 3																					4
2 / 1																					4
TOTAL	2.9	18.4	26.0	26.2	14.5	6.7	3.4	1.2	.5	.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.	3904920	58358	62.7	16.171	930							
Dry Bulb	1347751	34670	37.3	7.666	930		22.9					93
Wet Bulb	1004342	30[illegible].0	32.3	5.935	930		99.5					93
Dew Point	659807	26321	28.9	6.959	930		82.0					93

USAFETAC FORM 26-54 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATC WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
725755	HILL AFB UT	75-84	MAR

PAGE 1

HOURS (L. S. T.): ALL

Temp. (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
70/ 69										.0	.1							7	7		
68/ 67									.0	.0	.0							8	8		
66/ 65								.0	.1	.0		.0						10	10		
64/ 63							.1	.2	.1	.1	.0	.0						23	23		
62/ 61							.1	.0	.1	.1	.1							27	27		
60/ 59						.0	.1	.2	.2	.1								50	50		
58/ 57					.0	.1	.2	.3	.2	.1								64	64		
56/ 55					.0	.1	.4	.5	.2	.1								97	97		
54/ 53				.0	.0	.4	.5	.4	.1									139	139	1	
52/ 51		.0	.1	.0	.2	.8	.8	.2	.0									166	166	9	
50/ 49		.0	.1	.1	.8	1.4	.8	.1										252	252	28	
48/ 47			.2	.4	1.8	1.6	.4	.1										331	331	50	2
46/ 45	.1	.0	.5	1.5	2.3	1.4	.4	.0										461	461	70	8
44/ 43		.3	1.0	1.8	2.6	1.0	.2	.0										522	522	171	5
42/ 41		.6	1.6	2.5	2.3	.9	.1											589	589	400	15
40/ 39	.1	1.6	2.5	3.0	2.6	.6	.1											772	772	661	64
38/ 37	.1	1.6	3.0	2.7	1.8	.3												722	722	807	139
36/ 35	.2	1.8	3.3	2.7	1.0	.0												667	667	820	316
34/ 33	.5	2.1	2.9	3.0	.5	.0												634	634	968	401
32/ 31	.7	2.6	3.5	2.6	.2													724	724	878	815
30/ 29	.3	.8	2.5	.7	.0													320	320	746	696
28/ 27	.1	1.2	1.0	.3														247	247	613	792
26/ 25	.1	1.2	1.3	.3														219	219	489	802
24/ 23	.1	.8	.8	.1														130	130	268	464
22/ 21	.1	.6	.3	.0														76	76	173	689
20/ 19	.1	.3	.3															58	58	108	760
18/ 17	.1	.2	.3															47	47	41	516
16/ 15	.1	.2	.2															33	33	85	398
14/ 13	.1	.1	.1															22	22	44	205
12/ 11	.1	.2	.0															22	22	28	119
10/ 9	.0	.0																4	4	19	86
8/ 7																				2	52
6/ 5																					34
4/ 3																					22

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

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

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72775 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) MAR (MONTH)

PAGE 2 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
/ /																					19
/ /																					25
/ /																					4
TOTAL	2.6	16.5	25.7	22.0	16.2	8.7	4.5	2.0	1.0	.6	.2	.0							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	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2938795.5	450789	60.6	6.686	7439							
Dry Bulb	1147682	283896	38.2	8.779	7439		189.8	1.5				744
Wet Bulb	826680	243296	32.7	6.520	7439		395.9					744
Dew Point	4909267	183929	24.7	7.267	7439	2.8	689.0					744

USAFETAC FORM 0-26-5 (OL A) 30 Jun 64 REPLACES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]755 — STATION
HILL AFB UT — STATION NAME
75-84 — YEARS
APR — MONTH

PAGE 1 — [illegible] 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
[illegible]/67												.1						1	1		
[illegible]/65											.1							1	1		
[illegible]/63									.2	.2	.1							5	5		
[illegible]/61							.[illegible]	.1	.1	.3								7	7		
[illegible]/59							.7	.3	.2	.3								14	14		
[illegible]/57							1.1	.9	.9	.3								29	29		
[illegible]/55					.1	.3	1.1	1.4	1.9									44	44		
[illegible]/53			.[illegible]		.2	1.[illegible]	1.3	1.0	.1									36	36		
[illegible]/5[illegible]			.1	.2	1.[illegible]	1.6	.9	.8										41	41		
[illegible]/49			.3	.[illegible]	1.[illegible]	1.4	1.6	.2										49	49	6	
[illegible]/47		.6	1.3	.8	1.7	1.[illegible]	1.3											64	64	10	1
[illegible]/45	.1	.1	1.[illegible]	2.8	2.2	2.[illegible]	1.3											92	9[illegible]	45	5
[illegible]/43			1.1	2.1	2.9	.9	.6											68	68	75	8
[illegible]/4[illegible]		.7	1.8	3.4	2.3	.6	.2											81	81	87	12
[illegible]/39		.4	1.[illegible]	2.4	1.9	.9												60	60	99	20
[illegible]/37	.1	.5	2.1	1.4	1.4	.7												57	57	113	24
[illegible]/35		1.[illegible]	1.2	2.8	2.[illegible]	.4												67	67	84	51
34/33	.3	1.5	2.3	2.9	1.3	.2												78	79	101	6[illegible]
[illegible]/31	.2	1.4	1.9	2.6	.9													63	63	55	89
[illegible]/29	.3	1.3	1.[illegible]	.3														27	27	85	81
[illegible]/27	.4	.2	.3	.1														10	1[illegible]	76	96
[illegible]/25			.1															1	1	44	79
[illegible]/23		.1																1	1	14	48
[illegible]/21		.1																1	1	2	88
[illegible]/19		.1																1	1	1	82
[illegible]/17		.2																2	2	2	56
[illegible]/15																				1	4[illegible]
[illegible]/13																					3[illegible]
1[illegible]/11																					9
[illegible]/9																					5
[illegible]/7																					11
[illegible]/5																					4
[illegible]/3																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
72756	HILL AFB UT	75-84	APR

PAGE 2 — HOURS (L. S. T.) 0000-0210

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
TOTAL	1.6	5.4	17.7	22.8	19.5	11.1	10.3	4.0	3.4	1.2	.2	.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	≤75 F	≤80 F	≤93 F	Total
Rel. Hum.	2925224	48840	58.3	17.885	900							
Dry Bulb	1712223	38491	42.8	8.571	900		10.6	.1				900
Wet Bulb	1178941	32097	35.7	6.173	900		28.0					900
Dew Point	660372	23376	26.0	7.698	900		71.9					900

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	HILL AFB UT	75-84	APR

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (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
64/ 63									.1	.3								4	4		
62/ 61								.1										1	1		
61/ 59							.1	.1	.2	.1								6	5		
58/ 57							.4	.3	.7	.1								14	14		
56/ 55					.2	.4	.7	1.2	.4									29	29		
54/ 53			.3	.2	.3	.9	.6	1.2	.7									39	39		
52/ 51				.1	.3	1.0	.6	1.1										28	28		
50/ 49			.4	.8	.8	1.7	1.1	.7										45	45	5	
48/ 47			1.7	.3	2.4	2.4	.7											68	68	9	
46/ 45		.8	1.6	1.3	1.7	1.6	1.											74	71	34	1
44/ 43		.7	1.2	2.9	2.9	1.4	.1											83	83	50	6
42/ 41	.1	.8	1.7	4.	1.2	1.2												78	78	65	24
40/ 39		.4	2.2	3.2	2.3	.7	.1											81	81	98	25
38/ 37		.2	2.[illegible]	2.4	.7	.7												51	51	105	19
36/ 35	.1	1.1	1.9	1.9	1.6	.4												64	64	110	24
34/ 33	.4	1.9	1.6	3.7	1.6	.2												84	89	99	58
32/ 31		2.1	2.7	3.6	.9													83	83	72	90
30/ 29	1.	1.2	1.6	1.4														44	44	74	71
28/ 27	.4	.7	1.[illegible]	.3														19	19	87	171
26/ 25			.2															2	2	59	98
24/ 23		.1																1	1	24	55
22/ 21		.1																3	3	4	60
20/ 19		.2																2	2	3	97
18/ 17																				2	54
16/ 15																					60
14/ 13																					25
12/ 11																					.6
10/ 9																					4
8/ 7																					11
6/ 5																					4
4/ 3																					1
TOTAL	2.2	9.9	20.0	26.0	16.9	12.0	5.6	4.8	2.1	.6									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.	3137289	50861	56.5	17.105	900							
Dry Bulb	1578467	36973	41.1	8.141	900		15.4					90
Wet Bulb	1115020	31194	34.7	6.135	900		32.5					90
Dew Point	692573	23007	25.6	7.782	900		74.1					90

USAFETAC FORM 0-26-5 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
725755	HILL AFB UT	75-84	APR

PAGE 1600-0800 HOURS (L. S. T.)

Temp. (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
64/ 62									.2	.4								6	6		
64/ 61								.2	.1	.1								4	4		
64/ 59						.1		.1	.2	.1								9	9		
64/ 57							.2	.6	.2	.1								15	15		
64/ 55					.2	.2	.2	1.1	.2									27	27		
64/ 53				.4	.2	1.2	.2	1.0	.4									27	27		
64/ 51			.1	.1	.2	1.1	1.2	.7	.1									36	36		
64/ 49			.4	1.2	1.2	1.8	1.4	.1										57	61		
64/ 47			.2	.9	1.8	1.6	1.2											61	61	9	
64/ 45		.6	1.1	2.6	2.1	1.4	.7											75	75	35	
64/ 43		.9	1.2	2.7	1.8	2.4	.2											84	84	64	9
64/ 41		.3	2.	3.6	1.8	1.2	.2											83	83	71	21
64/ 39		.4	2.	2.8	1.6	.6												72	72	93	24
64/ 37		.6	2.4	1.9	1.4	.4												61	61	106	39
64/ 35		.7	2.	1.7	2.	.2												61	61	94	39
64/ 33	.1	1.2	2.	2.9	1.1	.1												71	71	110	51
64/ 31	.1	1.6	1.3	3.8	.2													72	72	7[illegible]	179
64/ 29	.2	1.2	1.4	1.1														60	60	70	71
64/ 27	.2	.6	.6	.9														23	23	72	96
64/ 25	.1		.6															7	7	67	9[illegible]
64/ 23			.1															1	1	21	56
64/ 21		.2	.1															3	3	8	66
64/ 19																				3	76
64/ 17		.1																1	1		45
64/ 15																				1	67
64/ 13																					24
64/ 11																					18
64/ 9																					9
64/ 7																					9
64/ 5																					1
64/ 3																					2
TOTAL	1.2	8.9	22.1	25.8	16.7	12.9	7.1	3.8	2.1	.8								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.	3485651	50477	56.1	16.829	900							
Dry Bulb	1677938	37298	41.4	8.319	900		14.7					900
Wet Bulb	1131349	31406	34.9	6.273	900		31.2					900
Dew Point	650975	23181	25.8	7.744	900		73.7					900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	HILL AFB UT	75-84	APR

PAGE 1 — HOURS (L. S. T.) [illegible]

Temp (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
[illegible]										.1		.1		.1				3	3		
[illegible]												.2	.2					4	4		
[illegible]										.6	.3	.6	.2					15	15		
[illegible]								.1		.4	.4	.7						12	12		
[illegible]								.4	.2	.9	.7							19	19		
[illegible]							.1	.3	1.1	.8	.3							26	26		
[illegible]							.1	1.0	1.1	.7								28	28		
[illegible]						.2	.5	1.2	1.1	.4								34	34		
[illegible]					.1	.2	1.1	1.1	1.1	.3								42	42		
[illegible]				.1	.3	.3	2.5	1.1	.7									42	42	1	
[illegible]				.1	.9	2.1	1.9	1.4	.2									60	62	2	
[illegible]			.1	.4	1.1	2.2	2.	.9	.1									62	62	14	
[illegible]			.1	1.3	2.7	2.3	1.9	.7										86	86	41	
[illegible]			.1	.8	1.7	1.9	1.5	.1										62	60	49	
[illegible]		.7	.4	.7	.2	1.2	1.1	.6										53	53	99	3
[illegible]		.2	.4	1.	1.3	1.8	.7											56	56	89	8
[illegible]		.4	.1	1.2	1.7	1.3	.6											63	63	106	28
[illegible]			.3	2.	.9	1.3	.1											46	46	78	31
[illegible]		.1	.5	1.7	1.	.4												43	43	73	44
[illegible]		.8	.2	1.4	1.6	.1												46	46	69	53
[illegible]		.8	.9	1.1	.8													32	32	84	58
[illegible]	.1	1.9	.3	1.6	.2													42	42	65	113
[illegible]	.5	.9	.4	.3														20	20	64	71
[illegible]		.4	.2															6	6	34	88
[illegible]																				29	88
[illegible]																				5	49
[illegible]																					75
[illegible]																					79
[illegible]																					29
[illegible]																					35
[illegible]																					23
[illegible]																					11
[illegible]																					8
[illegible]																					4

WET BULB TEMPERATURE DEPRESSION (F)

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 NO. 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
725755	HILL AFB UT	75-84	APR

PAGE 2 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	.7	7.0	9.7	14.6	15.4	16.2	13.1	9.0	5.7	4.1	2.0	1.2	.4	.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.	2401210	43574	48.4	18.000	900							
Dry Bulb	2140991	42929	47.7	10.189	900		6.8	1.4	.3			90
Wet Bulb	1381834	34742	38.6	6.730	900		19.7					90
Dew Point	724878	24576	27.3	7.735	900		67.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 — STATION
HILL AFB UT — STATION NAME
75-84 — YEARS
APR — MONTH

PAGE 1 — 1200-0400 HOURS (L. S. T.)

Temp. (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
[illegible] / 79												.1						1	1		
[illegible] / 77												.3			.7			4	4		
[illegible] / 75												.1	.6	.6				1	11		
[illegible] / 73												.7	.7	.5				17	17		
[illegible] / 71										.2	.3	.7	.7	.1				18	18		
[illegible] / 69										.9	.7	.3	.2					19	19		
[illegible] / 67								.1	.3	.9	1.4	.3						28	28		
[illegible] / 65								.2	.2	.9	.5	.4						24	24		
[illegible] / 63								.8	.6	1.7	.6							32	32		
[illegible] / 61						.1	.4	1.1	1.8	.7	.2							39	39		
[illegible] / 59						.4	1.1	2.6	1.8	.4								58	58		
[illegible] / 57					.1	.5	2.1	2.2	1.2	.7								64	64	1	
56 / 55					.6	1.1	2.7	1.6	1.1									63	63	2	
54 / 53			.1	.1	.4	1.2	1.3	1.7	.2									48	48	8	
52 / 51			.1	.5	.7	1.6	1.4	1.6	.4									59	59	36	1
50 / 49			.1	.8	.8	1.8	.6	1.3	.2									57	57	62	
[illegible] / 47		.4	1.[illegible]	.2	1.2	.5	1.0	.7	.1									56	56	74	1
46 / 45		.3	.2	1.1	1.[illegible]	1.6	1.1	.3										51	51	124	1
44 / 43			.1	.7	1.8	1.3	1.1	.3										48	48	107	11
42 / 41	.1	.3	1.[illegible]	1.6	.8	.5	.2	.1										45	45	69	24
40 / 39	.1	.4	.4	.4	1.2	1.[illegible]												33	33	80	39
38 / 37		.4	.6	.8	1.7	.7												39	39	62	38
36 / 35	.1	.3	1.4	1.4	.7	.1												37	37	80	50
34 / 33	.1	.6	.3	.7	.3													18	18	54	62
32 / 31	.2	1.4	.7	.2	.1													24	24	65	114
30 / 29	.1	.3		.2														6	6	48	80
28 / 27		.1																1	1	22	94
26 / 25																				5	77
24 / 23																				1	42
22 / 21																					63
20 / 19																					75
18 / 17																					54
16 / 15																					30
14 / 13																					24

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
ATC WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
725755	HILL AFB UT	75-84	APR

PAGE 1 — HOURS (L. S. T.) 1200-1800

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
[illegible]																					9
[illegible]																					5
[illegible]																					5
[illegible]																					2
[illegible]																					1
TOTAL	[illegible]	4.8	6.9	9.[illegible]	11.3	13.3	14.1	14.6	8.0	6.3	4.[illegible]	2.8	2.1	1.2	.3				9[illegible]		9[illegible]
																		9[illegible]		9[illegible]	

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.	1938136	38269	42.5	18.609	900							
Dry Bulb	2529[illegible]39	46611	51.8	11.064	900		3.1	9.8	7.3			90
Wet Bulb	1526200	36566	40.6	6.717	900		14.1					90
Dew Point	7238.9	24535	27.3	7.819	900		67.7					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

[illegible] (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) APR (MONTH)

PAGE [illegible] 1500-1700 (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
[illegible] / 79															.1			1	[illegible]		
[illegible] / 77											.2	.1	.1	.1	.4			8	8		
76 / 75												.1	.6	1.3				18	18		
74 / 73											.2	.1	.4					7	7		
[illegible] / 71										.4	.5	.8	.7	.4				26	26		
[illegible] / 69										.4	1.1	.4	.1					19	19		
[illegible] / 67										.9	1.8	1.1	.1					35	35		
66 / 65								.1	.6	1.1	1.4	.3						32	32		
64 / 63				.2			.2	.4	1.9	1.8	.3							44	44		
[illegible] / 61						.3	.8	.9	1.8	1.3	.3							49	49		
[illegible] / 59					.1	.1	.4	1.9	2.1	.8	.3							52	52		
[illegible] / 57			.1		.3	.4	.9	2.6	.9	.2								49	49	3	
[illegible] / 55				.2	.6	.9	1.2	2.8	1.0									69	69	2	2
54 / 53			.1	.4	.4	1.2	1.8	1.6	.6									55	55	13	
[illegible] / 51			.1	.8	1.[illegible]	1.6	1.6	1.2	.6	.2								63	63	30	
[illegible] / 49				.3	1.[illegible]	1.[illegible]	1.3	1.1	.1									44	44	70	1
[illegible] / 47		.1	.4	.9	.9	1.[illegible]	2.[illegible]	1.[illegible]	.1									58	58	100	1
46 / 45		.2	.9	.6	.8	.6	.4	.9										38	38	97	2
44 / 43	.1	.1	.2	.8	.9	1.3	.8	.1										39	39	112	10
[illegible] / 41		.1	.8	1.4	1.7	2.1	.3											58	58	90	19
[illegible] / 39		.2	.3	1.9	.8	1.2												44	44	61	32
[illegible] / 37		.1	.6	1.1	1.1	.4												30	30	65	33
[illegible] / 35	.1	.6	1.[illegible]	1.1	.4	.1												30	30	70	42
34 / 33	.2	.6	.4	.3														14	14	75	68
[illegible] / 31	.2	.6	.4	.1														11	11	54	100
[illegible] / 29	.2	.1	.1															4	4	38	90
[illegible] / 27			.2															2	2	17	85
[illegible] / 25																					90
[illegible] / 23		.1																1	1	2	49
[illegible] / 21																				1	68
[illegible] / 19																					77
[illegible] / 17																					48
[illegible] / 15																					42
[illegible] / 13																					21

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) APR (MONTH)

PAGE 2 1500-1700 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
1/ 13																					13
1/ 9																					4
1/ 7																					3
1/ 5																					1
4/ 3																					3
TOTAL	.9	2.8	6.1	10.2	10.0	12.3	12.6	14.6	9.6	7.2	6.2	3.0	2.0	1.9	.6			90	90	90	90

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	≤ 90 F	Total
Rel. Hum.	1762960	36332	40.4	18.139	900							
Dry Bulb	2636320	47670	53.0	11.132	900		1.8	11.9	3.9			90
Wet Bulb	1557746	36962	41.1	6.650	900		11.2					90
Dew Point	708139	24297	26.9	7.814	900		69.0					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

[illegible] HILL AFB UT — STATION NAME
75-84 — YEARS
APR — MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (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
[illegible] / 77											.1							1	1		
[illegible] / 75														.1	.1			2	2		
[illegible] / 71									.1			.1	.2	.1				5	5		
[illegible] / 7[illegible]									.1	.2	.1	.3	.1	.1				9	9		
[illegible] / 69									.1	.2	.6	.4	.3					15	15		
[illegible] / 67									.4	.4	1.2	.4						23	23		
[illegible] / 65								.1	.4	1.3	.8	.1						25	25		
[illegible] / 63							.1	.2	.6	1.6	.7							29	29		
[illegible] / 61				.1		.2	.1	1.0	1.7	.2	.7							36	36		
[illegible] / 59					.1	.2	.3	1.6	1.1	.9	.2							4[illegible]	4[illegible]		
[illegible] / 57					.1	.4	1.4	1.8	1.0	.4								47	47	3	
[illegible] / 55				.1	.4	1.1	2.0	1.8	.6	.2								58	58	1	
[illegible] / 53			.1	.1	.6	1.9	1.8	1.2	.8									57	57	5	1
[illegible] / 51		.2		.9	1.1	1.9	1.1	1.1	.2									66	66	16	
[illegible] / 49	.1		.2	.5	.8	1.7	1.7	.9										52	52	42	2
[illegible] / 47			.1	.3	1.4	2.3	1.[illegible]	.6										61	61	66	2
[illegible] / 45			.7	1.1	1.7	1.3	1.6	.6										71	71	100	2
[illegible] / 43		.4	.4	1.1	1.3	1.6	.3	.1										49	49	101	9
[illegible] / 41		.7	1.[illegible]	1.2	1.1	1.6	.7											52	52	93	23
[illegible] / 39	.2	.7	.5	1.2	1.1	1.5	.2											48	48	88	34
[illegible] / 37		.8	.4	2.1	1.3	.4												52	52	85	40
[illegible] / 35		.7	.9	1.6	1.1	.2												45	45	60	39
[illegible] / 33	.3	.9	.4	.9	.6													26	26	92	69
[illegible] / 31		1.1	.7	.1	.1													18	18	64	115
[illegible] / 29	.2	.6	.4															11	11	49	81
[illegible] / 27																				29	93
[illegible] / 25		.2																2	2	9	82
[illegible] / 23		.1																1	1	2	48
[illegible] / 21																				1	56
[illegible] / 19																					86
[illegible] / 17																					43
[illegible] / 15																					36
[illegible] / 13																					22
[illegible] / 11																					16

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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: HILL AFB UT — STATION NAME
YEARS: 75-84
MONTH: APR

PAGE 2 — HOURS (L. S. T.): 1900-2000

Temp. (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
/ /																					3
/ /																					4
/ /																					2
/ /																					1
/ /																					1
TOTAL	.3	5.6	5.2	11.7	12.9	16.6	12.9	20.8	7.1	5.6	4.3	1.4	.7	.3	.1			90	90	90	90

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	≥92 F	Total
Rel. Hum.	2190619	41188	45.7	18.713	900							
Dry Bulb	2298311	44917	49.9	10.353	900		3.2	5.5	.8			90
Wet Bulb	1439341	35569	39.5	8.532	900		15.4					90
Dew Point	718166	25919	27.1	7.881	900		68.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	HILL AFB UT	75-84	APR

PAGE [illegible] HOURS (L. S. T.) 2100-2300

Temp. (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
[illegible] / 67									.1	.1	.1	.4						7	7		
[illegible] / 65								.1	.1	.2	.1	.2						9	9		
[illegible] / 63							.1	.7	.7	.9	.6							22	22		
[illegible] / 61							.2	.3	.6	.7								16	16		
[illegible] / 59								.3	1.2	1.2	.1							26	26		
[illegible] / 57						.4	.7	2.0	1.0	.6								42	42		
[illegible] / 55					.3	.9	1.4	1.0	.6									38	38		
[illegible] / 53			.2		.1	1.1	1.4	.8	.1									34	34	1	
[illegible] / 51		.2	.1	.3	1.4	1.[illegible]	1.1	1.7	.2									55	55	4	
[illegible] / 49		.2	.3	.9	2.1	2.1	2.[illegible]	.6										74	74	14	1
[illegible] / 47	.1	.3	1.2	1.4	2.3	1.9	1.[illegible]	.2										77	77	28	5
[illegible] / 45			2.4	2.6	2.[illegible]	1.1	1.[illegible]	.2										84	84	56	4
[illegible] / 43		.2	.6	1.9	2.7	1.4	.4											63	63	105	4
[illegible] / 41		.2	1.7	2.2	2.2	1.[illegible]	.1											64	64	104	15
[illegible] / 39		.9	1.2	1.1	1.3	.7	.1											50	50	97	28
[illegible] / 37		.3	1.2	2.3	1.8	.3	.2											55	55	109	35
[illegible] / 35		.[illegible]	2.[illegible]	2.4	1.6	.2												65	65	68	57
[illegible] / 33	.1	1.3	1.5	2.2	1.2													58	58	76	50
[illegible] / 31		1.3	1.4	.9	.8													40	40	97	95
[illegible] / 29	.1	.8	.6															15	15	63	98
[illegible] / 27	.1	.2																3	3	57	81
[illegible] / 25																				24	72
[illegible] / 23																				4	68
[illegible] / 21		.1																1	1		69
[illegible] / 19		.2																2	2	2	91
[illegible] / 17																				1	49
[illegible] / 15																					32
[illegible] / 13																					20
1[illegible] / 11																					8
[illegible] / 9																					8
[illegible] / 7																					5
[illegible] / 5																					2
[illegible] / 3																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
725755	HILL AFB UT	75-84	APR

PAGE 2 — 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
TOTAL	.7	7.4	14.2	18.3	19.9	17.1	9.9	7.9	4.6	2.2	1.1	.7						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.	2653198	46118	51.2	17.961	900							
Dry Bulb	1928082	40838	45.4	9.136	900		8.1	.7				900
Wet Bulb	1285185	33847	37.3	6.216	900		23.8					900
Dew Point	695475	24039	26.7	7.707	900		70.1					900

USAFETAC FORM NO. 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 — STATION
HILL AFB UT — STATION NAME
75-84 — YEARS
APR — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

Temp. (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
[illegible] / 76												.0			.0			2	2		
76/ 77											.1	.2	.0	.0	.1			13	13		
74/ 75												.0	.1	.3	.0			31	31		
74/ 73									.0	.0	.0	.1	.2	.1				32	32		
[illegible] / 71									.0	.1	.1	.3	.2	.1				57	57		
[illegible] / 69									.0	.3	.2	.2	.1					68	68		
[illegible] / 67								.0	.1	.3	.6	.2	.0					106	106		
[illegible] / 65								.1	.2	.5	.5	.1						110	110		
64/ 63					.1		.1	.3	.7	.9	.3							168	168		
[illegible] / 61					.1	.1	.3	.6	.9	.5	.2							180	180		
[illegible] / 59					.0	.0	.1	.4	1.0	1.1	.5	.1						239	239		
[illegible] / 57			.0			.1	.4	1.1	1.4	.9	.3							312	312	7	
[illegible] / 55				.1	.4	.9	1.5	1.5	.8	.0								370	370	6	2
[illegible] / 53			.1	.2	.4	1.1	1.3	1.2	.4									366	366	29	1
[illegible] / 51		.1	.1	.5	.9	1.5	1.3	1.1	.2	.0								410	410	98	1
[illegible] / 49		.0	.4	.9	1.3	1.6	1.4	.7	.0									458	458	246	4
[illegible] / 47		.2	1.2	.7	1.7	1.6	1.3	.3	.0									505	505	339	.0
46/ 45		.3	1.3	1.5	1.6	1.7	1.	.3										535	535	590	20
44/ 43		.4	.7	1.6	1.9	1.5	.5	.1										489	489	703	65
[illegible] / 41		.7	1.3	2.4	1.6	1.2	.3	.0										524	524	685	166
40/ 39		.4	1.2	1.9	1.4	1.	.1											434	434	694	233
[illegible] / 37		.7	1.5	1.7	1.3	.5												388	388	718	248
[illegible] / 35	.1	.8	1.5	1.8	1.4	.3												415	415	635	350
34/ 33	.1	1.1	1.2	1.8	.9	.1												381	381	691	471
[illegible] / 31	.1	1.4	1.3	1.6	.5													353	353	532	825
[illegible] / 29	.4	.8	.7	.4														167	167	491	643
[illegible] / 27	.2	.2	.3	.2														64	64	394	734
[illegible] / 25	.1	.0	.1															12	12	237	676
[illegible] / 23		.1	.0															5	5	73	416
[illegible] / 21		.1	.0															8	8	16	541
[illegible] / 19		.1																5	5	9	656
[illegible] / 17		.0																3	3	5	378
[illegible] / 15																				2	342
[illegible] / 13																					191

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] HILL AFB UT — 75-84 — APR

STATION — STATION NAME — YEARS — MONTH

PAGE 2 — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																					[illegible]
[illegible]																					45
[illegible]																					51
[illegible]																					[illegible]
[illegible]																					12
[illegible]																					1
TOTAL	.2	6.8	12.9	17.3	15.3	13.4	10.7	8.8	5.3	3.6	2.3	1.2	.7	.4	.1			72[illegible]	72[illegible]	72[illegible]	72[illegible]

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	≥ 92 F	Total
Rel. Hum.	20053782	355559	49.4	8.748	7200							
Dry Bulb	16926363	335327	46.6	10.602	7200		61.7	30.9	7.8			720
Wet Bulb	10618575	272023	37.8	6.855	7200		175.9					720
Dew Point	5528327	191375	26.6	7.797	7200		562.9					720

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

SKY COVER

STATION | STATION NAME | PERIOD | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
	-	[illegible]			[illegible]						[illegible]	79.[illegible]	[illegible].4	93[illegible]
	-	[illegible]			[illegible]						[illegible].4	[illegible]	[illegible].4	93[illegible]
					[illegible]						[illegible].4	76.[illegible]	[illegible].[illegible]	93
	-	[illegible]			[illegible]						[illegible]	[illegible]	[illegible].4	93[illegible]
	[illegible]	[illegible]			[illegible]						[illegible].7	7[illegible]	[illegible].4	93[illegible]
	-	[illegible]			[illegible]						[illegible].7	65.[illegible]	[illegible].7	93
	-	[illegible]			[illegible]						[illegible]	76.7	[illegible].7	93
	-	[illegible]			[illegible]						[illegible].2	71.	[illegible].4	93[illegible]
TOTALS		[illegible]			[illegible].5						3.2	72.6	[illegible].4	744[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	HILL AFB UT	75-84	MAY

PAGE 1 — HOURS (L. S. T.) 0000-0200

Temp. (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
[illegible] / 71											.7	.4						7	7		
[illegible] / 69									.1	.4								5	5		
[illegible] / 67							.0		1.0	.2	.4							16	[illegible]		
[illegible] / 65							.1	.2	1.0	.1								15	15		
[illegible] / 63							.1	1.1	1.2									24	24		
[illegible] / 61				.1	.3	.4	1.2	1.6	.5									39	39		
[illegible] / 59				.2	.6	1.1	1.1	1.1	.5	.1								[illegible]	[illegible]		
[illegible] / 57			.2	.5	.5	1.2	2.5	1.8	.1									67	67		
[illegible] / 55			.4	.8	.8	2.3	3.1	.4										77	77	2	
[illegible] / 53			.5	1.[illegible]	1.1	1.2	2.2	.3										58	58	17	
[illegible] / 51		.1	1.1	1.[illegible]	2.4	2.8	1.2											77	77	47	1
[illegible] / 49		.1	1.7	2.3	1.2	1.0	.6											75	75	82	12
[illegible] / 47		.6	1.1	1.[illegible]	2.4	1.4	.1	.1										64	64	77	23
[illegible] / 45		.2	1.1	2.8	1.6	1.1	.4	.1										89	89	123	30
[illegible] / 43		.8	1.3	2.5	2.2	.4	.2											77	77	122	39
[illegible] / 41	.4	.8	2.[illegible]	2.[illegible]	1.5	.1	.3											67	67	102	56
[illegible] / 39		.1	2.4	1.4	.5	.1												54	54	109	65
[illegible] / 37	.1	1.1	1.2	.6	.6	.1												39	39	88	81
[illegible] / 35		.4	.5	.2														13	13	76	119
[illegible] / 33		.6			.1													7	7	42	101
[illegible] / 31		.8		.1														5	5	22	165
[illegible] / 29		.5																5	5	13	68
[illegible] / 27																				6	57
[illegible] / 25																				2	46
[illegible] / 23																					17
[illegible] / 21																					18
[illegible] / 19																					17
[illegible] / 17																					4
[illegible] / 15																					4
[illegible] / 13																					9
[illegible] / 11																					4
[illegible] / 9																					1
TOTAL	.5	8.8	16.[illegible]	16.6	15.8	14.7	13.3	7.0	4.4	1.1	.8	.4						930	930	930	930

Element (X)	Σ_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
Ref. Hum.	3252203	52537	56.5	7.494	930							
Dry Bulb	2392575	46525	50.0	8.369	930		1.0	2.8				93
Wet Bulb	1691749	39369	42.3	5.706	930		4.3					93
Dew Point	1108109	31484	33.8	6.894	930		80.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] 755 — STATION
HILL AFB UT — STATION NAME
75-84 — YEARS
MAY — MONTH

PAGE [illegible] — 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
[illegible]										.4	.2							6	6		
[illegible]								.1	.2	.2	.1	.1						7	7		
[illegible]							.	.2	.9	.2	.7							16	15		
[illegible]							.5	.8	.4									16	15		
[illegible]						.2	.3	.6	.2									13	13		
[illegible]				.1	.2	.5	1.7	1.4	.1									36	33		
[illegible]			.2	.3	.6	.9	1.[illegible]	1.1	.2									48	49		
[illegible]			.6	.8	.3	1.3	2.6	.9										65	65		
[illegible]			.5	1.4	1.2	3.4	1.2	.2										74	74	9	
[illegible]			.6	1.1	1.3	1.8	1.1											55	55	29	1
[illegible]		.5	1.7	2.3	1.7	2.3	.4											83	83	57	8
[illegible]		.8	2.7	2.[illegible]	2.4	1.5	.3											90	90	64	9
[illegible]		.9	[illegible]	2.5	1.7	1.1		.1										78	78	108	19
[illegible]	.1	1.1	1.3	4.3	1.1	.4	.1											84	84	139	45
[illegible]	.1	1.6	3.4	2.6	1.[illegible]	.6												87	87	91	60
[illegible]	.3	1.6	2.4	2.2	1.[illegible]	.4												73	73	138	61
[illegible]	.1	.9	1.[illegible]	1.2	.6	.2												46	46	100	75
[illegible]	.1	1.[illegible]	.3	.3	.2													24	24	76	110
[illegible]		.3	.2	.3														12	12	56	120
[illegible]		.6		.[illegible]	.1													8	8	28	150
[illegible]		.6		.1														7	7	23	84
[illegible]																				9	60
[illegible]																				2	61
[illegible]																				1	12
[illegible]																					16
[illegible]																					18
[illegible]																					2
[illegible]																					6
[illegible]																					11
[illegible]																					2
TOTAL	[illegible]	10.2	19.4	21.5	13.4	15.3	10.2	5.4	2.0	.9	.6	.1						930	930	930	930

Element (X)	Σ_x^2	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.	3530473	54997	59.1	17.303	930							
Dry Bulb	2209698	44718	48.1	8.002	930		1.5	1.3				93
Wet Bulb	1601598	38242	41.1	5.594	930		6.3					93
Dew Point	1072339	30954	33.3	6.729	930		42.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726755 — STATION
HILL AFB UT — STATION NAME
75-84 — YEARS
MAY — MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (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
74/ 73											.1	.1						2	2		
72/ 71										.1	.2							3	3		
70/ 69									.1	.3	.1							5	5		
68/ 67								.1	.8	.1	.1							1[illegible]	1[illegible]		
66/ 65						.1	.1	.6	.5	.3								16	16		
64/ 63						.4	.5	1.1	1.0									30	3[illegible]		
62/ 61						.1	.5	1.0	.3									18	18		
60/ 59				.3	.5	1.0	1.8	1.7	.2									52	52		
58/ 57			.2	.6	.6	1.9	2.2	1.4										65	65		
56/ 55		.2	.1	1.3	.6	2.3	3.0	.4										74	74	1	
54/ 53			.5	1.3	2.3	1.7	2.[illegible]	.3										76	76	24	
52/ 51		.3	1.[illegible]	1.3	2.3	1.2	.3	.1	.1									65	65	44	3
50/ 49		.1	2.[illegible]	1.9	3.7	2.3	.5	.1										99	99	65	5
48/ 47		.2	1.[illegible]	1.6	2.4	.6	.2											65	65	92	17
46/ 45		.6	1.7	2.3	2.5	.8	.2											75	75	120	31
44/ 43		1.7	2.3	3.5	1.6	.7	.1											85	85	114	50
42/ 41	.1	1.3	2.9	1.8	.8	.4	.1											69	69	113	40
40/ 39		1.2	1.7	1.3	.5	.7												47	47	113	80
38/ 37		1.[illegible]	1.7	.4	.6													35	35	90	99
36/ 35	.1	.5	.4	.2	.2													14	14	66	127
34/ 33	.1	.2	.3	.1														15	15	47	103
32/ 31		.3		.1														4	4	18	159
30/ 29		.3	.2	.1														6	6	13	63
28/ 27																				7	55
26/ 25																				3	41
24/ 23																					9
22/ 21																					1[illegible]
20/ 19																					21
18/ 17																					6
16/ 15																					6
14/ 13																					5
TOTAL	1.2	8.6	16.1	18.3	19.6	13.4	12.4	6.9	3.0	.9	.5	.1						930	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.	3338872	53524	57.6	16.678	930							
Dry Bulb	2360449	46229	49.7	8.200	930		1.0	2.0	.2			93
Wet Bulb	1690740	39298	42.3	5.698	930		4.1					93
Dew Point	1126742	31784	34.2	6.601	930		37.5					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

[illegible] STATION | HILL AFB UT STATION NAME | 75-84 YEARS | MAY MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (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
[illegible] / 87														.1				1	1		
[illegible] / 81													.1					1	1		
[illegible] / 79												.1						1	1		
78 / 77										.1	.4	.2	.2	.2				11	11		
[illegible] / 75										.2	1.1	.2	.4					18	18		
74 / 73									.4	1.0	1.3	.2	.1					28	28		
[illegible] / 71								.4	1.0	1.1	.5							28	28		
[illegible] / 69							.2	.9	1.1	1.3	.5							37	37		
68 / 67						.2	1.1	.8	1.5	1.1	.1							44	44		
66 / 65					.1	.5	.6	1.9	1.3	.5								47	47		
64 / 63						.3	1.5	1.9	1.6	.9								61	61		
[illegible] / 61				.2	.5	.8	1.2	1.6	1.5									57	57		
[illegible] / 59				.3	1.7	1.7	3.0	2.6	1.0									96	96	5	
56 / 57			.1	.2	.9	2.8	1.6	.8	.3	.1								62	62	26	
[illegible] / 55			.3	1.1	1.5	1.7	1.2	.4	.3	.1								63	63	60	
54 / 53		.1	.3	.5	.8	1.6	1.4	.4	.2									50	50	72	
[illegible] / 51		.2	.5	.6	1.6	1.1	.2	.5										50	50	97	7
50 / 49		.1	.5	1.7	2.3	.9	.3											54	54	114	13
48 / 47		.8	.8	1.	1.4	.6	.2											44	44	109	35
[illegible] / 45		.4	1.6	1.3	1.7	.4												51	51	91	48
44 / 43		.5	1.1	1.3	1.0	.5	.2											42	42	91	69
42 / 41		.4	1.4	1.	.3	.3												32	32	72	66
[illegible] / 39	.1	1.1	1.1	.3	.1													24	24	61	116
36 / 37	.4	.1	.2	.1														5	5	65	1.2
34 / 35	.3	.2		.1														6	6	32	124
32 / 33	.5	.3	.2	.2														12	12	19	80
[illegible] / 31	.2	.2	.1															5	5	8	105
[illegible] / 29																				6	51
[illegible] / 27																				2	42
[illegible] / 25																					31
[illegible] / 23																					5
22 / 21																					13
[illegible] / 19																					16
18 / 17																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 — STATION
HILL AFB UT — STATION NAME
75-84 — YEARS
MAY — MONTH

PAGE 2 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1[illegible]/15																					2
1[illegible]/13																					2
1[illegible]/11																					1
1[illegible]/9																					1
TOTAL	1.3	4.5	6.0	0.0	14.1	13.5	13.7	12.5	10.2	6.3	4.0	.8	.9	.3				93C	93[illegible]	93C	93C

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	≥90 F	Total
Rel. Hum.	2534954	45740	49.2	17.462	93C							
Dry Bulb	3083242	52696	56.7	10.237	93C		.5	16.9	6.0	.2		93
Wet Bulb	2025578	42996	46.2	6.377	93C		1.6					93
Dew Point	1257066	33599	36.1	6.858	93C		27.0					93

USAFETAC FORM AW 94 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 — STATION
HILL AFB UT — STATION NAME
75-84 — YEARS
MAY — MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87																.1		1	1		
86/ 85															.2	.1		3	3		
84/ 83												.1	.1	.2	.1			5	5		
82/ 81											.1	.4	.3	.2	.3			14	14		
80/ 79											.4	1.0	.6	.8				26	26		
78/ 77									.1	.4	.9	1.2	.8	.2				33	33		
76/ 75									.3	.8	1.1	1.3	.3	.1				36	36		
74/ 73								.1	.3	.9	1.1	1.3	.1					34	34		
72/ 71							.2	.4	.8	1.1	1.5	.4	.1					42	42		
70/ 69						.1	.6	.6	.9	1.4	1.0	.2	.1					46	46		
68/ 67						.2	.3	1.2	1.6	2.4	1.6	.2						70	70		
66/ 65				.1	.2	.2	1.2	2.3	1.5	1.7	.4							71	71		
64/ 63					.1	.3	.9	2.4	2.3	.8								62	62		
62/ 61					.5	1.2	1.2	1.7	1.1	.4								63	63	1	
60/ 59				.1	.4	.9	1.9	1.2	.6	.2	.1							46	46	30	
58/ 57				.1	.5	1.3	1.0	1.0	.5	.4								45	45	57	
56/ 55			.5	.7	1.1	.2	1.2	.9	.2	.1								43	43	58	1
54/ 53			.1	.4	.5	1.2	.9	.5	.4									38	38	92	3
52/ 51		.2	.1	.9	.9	1.7	1.0											44	44	120	8
50/ 49		.2	.5	.8	1.3	1.9	.6	.1										51	51	118	20
48/ 47		.2	.5	1.0	1.0	.5	.6											36	36	100	22
46/ 45		.5	.9	1.0	1.0	.6	.3											40	40	58	55
44/ 43		.4	1.3	.3	.4	.2	.1											31	31	61	50
42/ 41		.3	.5	.3														11	11	83	89
40/ 39	.1	.3	.6	.2														12	12	66	81
38/ 37	.4	.6	.3	.2														12	12	38	135
36/ 35	.3	.2	.3	.2														10	10	26	97
34/ 33		.3																3	3	10	79
32/ 31		.2																2	2	7	124
30/ 29																				3	57
28/ 27																					46
26/ 25																					38
24/ 23																					12
22/ 21																					18

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_n	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

72575 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) MAY (MONTH)

PAGE 2 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	Wet Bulb	Dew Point
[illegible]																					12
[illegible]																					5
[illegible]																					4
[illegible]																					2
[illegible]																					1
TOTAL	.1	3.7	6.5	5.9	9.0	10.5	12.3	12.4	10.6	10.4	8.2	6.3	2.5	1.6	.6	.2		930	93[illegible]	930	93[illegible]

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.	20132.0	39810	42.8	18.240	930							
Dry Bulb	3549424	56460	60.7	11.448	930		.2	31.0	15.2	3.3		93
Wet Bulb	2167884	44480	47.8	6.602	930		1.0					93
Dew Point	1229837	33143	35.6	7.280	930		32.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) MAY (MONTH)

PAGE 1 1500-1700 (HOURS (L. S. T.))

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87															.2	.1		3	3		
86/ 85														.1	.1			2	2		
84/ 83													.6	.4	.2	.1		13	13		
82/ 81												.3	.3	.3	.6			15	15		
80/ 79										.7	.6	.6	1.2	.9	.2			34	34		
78/ 77										.2	.5	1.1	1.2	.6				34	34		
76/ 75										.4	.3	1.6	.6					28	28		
74/ 73								.3	.1	1.0	.9	1.6	.3					39	39		
72/ 71								.2	.5	1.0	1.9	1.1	.1					45	45		
70/ 69						.1	.1	.1	2.0	1.1	1.6	1.1						57	57		
68/ 67							.3	.2	1.9	2.3	1.6	.1						60	60		
66/ 65					.2	.3	.3	1.1	3.3	1.9	.6							73	73		
64/ 63					.1	1.0	1.3	2.5	2.0	.5	.3							72	72		
62/ 61				.1		.6	1.1	1.8	.5	.5	.1							45	45	5	
60/ 59			.1	.4	.3	.6	.8	1.1	1.5	.8								53	53	25	
58/ 57			.1	.3	1.1	1.6	.5	.9	1.0	.5								55	55	38	
56/ 55			.9	.3	.8	1.3	.6	.6	.3	.4								46	46	64	
54/ 53		.1		.6	.5	1.3	1.3	.2	.1									39	39	93	3
52/ 51		.3	.8	.6	1.1	1.2	1.1	.3										48	48	110	6
50/ 49		.3	.3	.5	1.0	.8	1.2	.5										43	43	198	25
48/ 47		.4	.3	.5	1.0	.8	.2											30	30	111	12
46/ 45		.2	.9	.9	.5	.1	.3	.1										28	28	53	13
44/ 43	.1	.2	.5	.4	.4	.1	.1											19	19	80	49
42/ 41		.6	.5	.2	.4													17	17	65	67
40/ 39		.4	1.0	.1														14	14	61	76
38/ 37		.3	.5															8	8	37	110
36/ 35		.2	.1															3	3	18	98
34/ 33		.3																3	3	16	90
32/ 31		.3																3	3	2	126
30/ 29																				3	66
28/ 27																					51
26/ 25																					41
24/ 23																					18
22/ 21																					27

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

STATION: 725755 | STATION NAME: HILL AFB UT | YEARS: 75-84 | MONTH: MAY

PAGE 2 | HOURS (L. S. T.): 1500-1700

Temp. (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
[illegible]																					11
-/ 17																					12
[illegible] / 15																					3
-/ 13																					2
1 / 11																					2
TOTAL	.2	3.7	5.7	5.[illegible]	7.2	9.[illegible]	9.4	10.0	13.5	10.9	8.6	7.5	4.4	2.3	1.4	.2			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	≥ 95 F	Total
Rel. Hum.	1819388	37350	40.2	18.509	929							
Dry Bulb	3656468	57328	61.7	13.314	929		.3	33.0	16.8	4.5		93
Wet Bulb	2168413	44503	47.9	6.274	929		.5					93
Dew Point	1164930	32192	34.7	7.296	929		36.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
24755	HILL AFB UT	75-84	MAY

PAGE 1 — HOURS (L. S. T.) 1800-2000

Temp. (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
86/ 85														.1				1	1		
84/ 83														.1				1	1		
8[illegible]/ 81													.7	.1	.1	.1		5	5		
8[illegible]/ 79											.2		.4					6	6		
8[illegible]/ 77										.2	.5	.5	.5	.4				21	21		
7[illegible]/ 75										.5	.4	.5	.4	.1				19	19		
74/ 73								.1	.2	.9	.8	.8	.3					28	28		
7[illegible]/ 71								.3	.4	.6	1.6	.6	.2					36	36		
7[illegible]/ 69							.2	.5	.9	1.5	1.2	.4						44	44		
68/ 67					.1	.1	.5	1.0	1.4	1.4	1.3	.1						55	55		
66/ 65					.2	.2	.2	.9	2.5	1.6	.7							55	55		
64/ 63					.4	.4	1.5	1.0	2.3	1.2								63	63		
62/ 61				.3	.5	.5	1.8	1.8	1.7	.1	.1							66	66		
6[illegible]/ 59			.2	.2	.4	1.5	2.4	1.7	1.0	.2								72	72	11	
5[illegible]/ 57				.2	1.3	1.5	1.5	1.3	.6	.3								63	63	25	
5[illegible]/ 55			.5	.2	1.1	1.4	1.[illegible]	1.4	.5									58	58	56	
54/ 53			.4	.8	1.[illegible]	.9	1.3	.6	.1									47	47	59	4
52/ 5[illegible]		.1	.4	.5	1.6	1.4	1.4	.4	.2									57	57	99	8
50/ 49		.2	1.2	.6	1.7	1.3	1.2	.3										61	61	136	16
48/ 47		.2	1.[illegible]	.6	1.5	.5	.2	.1										39	39	125	24
46/ 45		.3	.6	1.[illegible]	.9	.7	.2											31	31	88	36
44/ 43	.3	.7	1.1	.5	.4	.1	.2											31	31	72	39
42/ 41		.4	.9	.5														17	17	82	84
4[illegible]/ 39	.1	.6	.9	.1	.1	.1												18	18	69	81
38/ 37	.2	.1	.4	.4														11	11	47	95
36/ 35		.8	.5															12	12	26	99
34/ 33		.6	.1															7	7	20	103
32/ 31		.2																2	2	8	110
3[illegible]/ 29		.1																1	1	3	73
28/ 27																				1	51
26/ 25																					39
24/ 23																					23
22/ 21																					15
2[illegible]/ 19																					9

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

Mean No. of Hours with Temperature	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total

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

725755 — STATION
HILL AFB UT — STATION NAME
75-84 — YEARS
MAY — 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
[illegible] / 17																					7
[illegible] / 15																					5
[illegible] / 13																					4
[illegible] / 11																					2
TOTAL	.[illegible]	4.1	8.4	6.6	11.3	10.5	13.7	11.5	11.9	8.6	6.[illegible]	3.0	2.2	.9	.1	.1		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	≤ 75 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2223652	41990	45.3	8.637	927							
Dry Bulb	3297617	53999	58.3	10.561	927		.3	21.7	8.1	.9		93
Wet Bulb	2091822	43126	46.5	6.192	927		1.2					93
Dew Point	1180639	32397	34.9	7.235	927		33.9					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

STATION	STATION NAME	YEARS	MONTH
725755	HILL AFB UT	75-84	MAY

PAGE 1 — HOURS (L. S. T.): 2100-2300

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75										.1		.1	.1					3	3		
74/ 77										.1	.2	.1	.2					6	6		
7[illegible]/ 7[illegible]									.1	.1	.9	.1	.1					12	12		
7[illegible]/ 65								.1	.4	.5	.5							15	15		
6[illegible]/ 67							.1	.6	.6	.9	.2							23	23		
66/ 65						.1	.2	.8	1.7	1.1								36	36		
64/ 67					.1	.3	.6	1.4	1.5	.7								41	41		
6[illegible]/ 6[illegible]				.1	.3	.5	1.5	1.4	1.2	.4								52	52		
[illegible]/ 59			.1	.8	.6	2.3	1.7	2.7	.6									82	82		
56/ 57		.1	.3	.3	.5	1.9	2.8	2.0	.4									79	79	2	
54/ 55		.1	.1	.5	1.9	1.6	1.9	.8	.1									66	66	12	
54/ 57		.2	.3	1.6	1.2	2.0	1.2	.4	.1									70	70	42	2
[illegible]/ 51			.4	1.5	1.5	1.1	1.1	.3	.1									56	56	54	4
5[illegible]/ 49		.6	.2	.3	1.9	1.7	1.1	.3										64	64	107	16
[illegible]/ 47		.5	.2	1.1	2.5	.6	.5	.3										72	72	118	15
4[illegible]/ 45		.3	.2	2.2	1.7	.8	.1	.1										67	67	130	27
44/ 43		.9	.2	1.1	1.8	.9	.1	.1										63	63	98	41
4[illegible]/ 4[illegible]	.1	.9	1.3	1.5	.4	.4												43	43	91	83
4[illegible]/ 39		.5	1.2	.4		.2												22	22	83	69
3[illegible]/ 37	.3	.8	1.5	.3	.2													29	29	73	91
36/ 35	.1	1.1	.2															13	13	55	113
34/ 33	.1	.8	.1															6	6	39	1[illegible]1
[illegible]/ 31		.6	.2															8	8	11	148
[illegible]/ 29																				11	66
2[illegible]/ 27																				1	42
[illegible]/ 25																					48
2[illegible]/ 23																					14
22/ 21																					23
[illegible]/ 19																					7
18/ 17																					5
16/ 15																					3
14/ 13																					5
1[illegible]/ 11																					2
[illegible]/ 9																					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	≥ 75 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 — STATION
HILL AFB UT — STATION NAME
75-84 — YEARS
MAY — MONTH

PAGE 2 — 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
TOTAL	.0	7.0	13.8	12.3	14.9	13.7	13.1	11.4	7.0	3.6	1.8	.3	.4					927	927	927	927

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.	2905732	49048	52.9	18.314	927							
Dry Bulb	2659815	48947	52.8	9.020	927		.8	5.9	.9			93
Wet Bulb	1813196	40642	43.8	5.818	927		2.3					93
Dew Point	1145025	31929	34.4	6.993	927		36.6					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

STATION	STATION NAME	YEARS	MONTH
7755	HILL AFB UT	75-84	MAY

PAGE 2

HOURS (L. S. T.): ALL

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
90/ 87															.0	.0		4	4		
88/ 85														.0	.0	.0		6	6		
86/ 83												.0	.1	.1	.0	.0		22	22		
84/ 81											.0	.1	.1	.1	.1	.0		35	35		
82/ 79										.0	.2	.2	.3	.2	.0			67	67		
80/ 77									.0	.1	.3	.4	.3	.2				99	99		
78/ 75									.0	.3	.4	.5	.2	.0				124	124		
76/ 73								.1	.1	.5	.5	.5	.1					137	137		
74/ 71							.0	.2	.3	.5	.6	.3	.1					173	173		
72/ 69						.0	.1	.3	.7	.9	.6	.2	.0					215	215		
70/ 67					.0	.1	.3	.5	1.1	1.1	.7	.1						285	285		
68/ 65				.0	.1	.2	.4	1.0	1.6	.9	.2							329	329		
66/ 63					.0	.3	1.0	1.5	1.5	.5	.0							368	368		
64/ 61				.0	.3	.6	1.2	1.5	.9	.2	.0							353	353	8	
62/ 59			.0	.3	.6	1.2	1.7	1.7	.7	.2	.0							489	489	71	
60/ 57		.0	.1	.4	.7	1.6	1.7	1.3	.4	.2								484	484	198	
58/ 55		.0	.4	.7	1.0	1.6	1.8	.8	.2	.1								492	492	253	1
56/ 53		.1	.4	1.0	1.1	1.7	1.4	.4	.1									452	452	408	12
54/ 51		.1	.6	.9	1.6	1.5	1.0	.2	.1									452	452	600	38
52/ 49		.3	1.2	1.4	1.8	1.5	.8	.2										530	530	827	115
50/ 47		.4	1.2	1.1	1.8	.8	.3	.1										440	440	796	147
48/ 45		.4	1.6	1.7	1.5	.6	.2	.1										459	459	771	279
46/ 43	.0	.7	1.6	1.8	1.1	.4	.1	.0										432	432	777	382
44/ 41	.0	.8	1.5	1.3	.6	.3	.0											343	343	699	555
42/ 39	.1	.9	1.4	.8	.7	.2												264	264	700	629
40/ 37	.1	.6	1.0	.4	.3	.0												185	185	538	758
38/ 35	.1	.6	.4	.1	.1													95	95	375	887
36/ 33	.2	.5	.1	.0	.0													65	65	249	777
34/ 31	.0	.4	.0	.0	.0													37	37	104	1087
32/ 29		.3	.0	.0														19	19	75	528
30/ 27																				26	404
28/ 25																				7	341
26/ 23																				1	110
24/ 21																					138

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) 80 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
5TH WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]755	HILL AFB UT	75-84	MAY

PAGE 2

HOURS (L. S. T.): ALL

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
[illegible] / 19																					104
[illegible] / 17																					48
[illegible] / 15																					23
[illegible] / 13																					42
[illegible] / 11																					14
[illegible] / 9																					4
TOTAL	.8	6.7	11.9	1[illegible].1	12.9	12.7	12.2	9.6	7.8	5.3	3.0	2.3	1.3	.6	.2	.1		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.	21618382	375016	50.5	19.052	7433							
Dry Bulb	23159288	406902	54.7	10.909	7433		5.6	114.6	47.2	8.9		744
Wet Bulb	15200980	332596	44.7	6.598	7433		21.3					744
Dew Point	9289681	257449	34.6	7.034	7433		285.6					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	HILL AFB UT	74-83	JUN

PAGE 1 — HOURS (L. S. T.) 0000-0200

Temp. (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
[illegible] / 8[illegible]															.1			1	1		
[illegible] / 8[illegible]											.2		.2					2	2		
[illegible] / 79											.7	.2	.1	.2				7	7		
[illegible] / 77										.1	.6	.9	.6					19	19		
[illegible] / 75										.1	.7	.8	.7	.1				23	23		
[illegible] / 73							.1	.1	.6	1.2	.9	.1	.2	.1				28	28		
[illegible] / 71						.1	.2	.4	1.4	1.9	1.0	.2	.2					51	51		
[illegible] / 69						.1	.6	.8	1.8	2.1	.2	.2	.1					53	53		
[illegible] / 67				.1	.4	.1	.7	1.6	1.7	1.4	.6	.6						64	65		
[illegible] / 65				.1	.1	1.0	1.2	2.0	2.0	.8	.2	.1						68	7[illegible]		
[illegible] / 63			.1	.1	.3	1.4	1.9	1.2	2.2	.6	.2							77	77	1	
[illegible] / 61		.2		.1	.3	1.6	2.1	1.8	1.1		.3							72	72	8	
[illegible] / 59				.2	.6	1.8	2.0	2.5	.9									71	71	15	2
[illegible] / 57			.1	.1	2.[illegible]	1.[illegible]	2.2	2.5	.2									82	82	35	5
6[illegible] / 55		.1	.1	.6	1.9	1.[illegible]	1.2	1.4										59	59	84	9
6[illegible] / 53			.1	1.2	.4	1.9	1.6	.3	.2									55	55	104	2
6[illegible] / 51		.2	.2	1.4	.8	1.2	.9		.1									48	48	107	7
5[illegible] / 49		.2	1.5	1.[illegible]	.9	.4	.4											44	44	132	21
[illegible] / 47		.2	.4	1.2	.6	.2	.9											29	29	112	39
[illegible] / 45		.2	1.1	.9	.1													21	21	101	55
4[illegible] / 43		.2	.1	.4	.1													17	17	84	90
[illegible] / 41		.1	.2	.2														5	5	63	109
4[illegible] / 39			.2	.1														3	3	34	105
3[illegible] / 37			.1															1	1	8	78
35 / 35																				7	82
3[illegible] / 33																				2	59
3[illegible] / 31																					76
[illegible] / 29																					54
[illegible] / 27																					19
25 / 25																					22
[illegible] / 23																					6
2[illegible] / 21																					6
[illegible] / 19																					13
[illegible] / 17																					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 26 M 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] HILL AFB UT — 74-83 — JUN

STATION — STATION NAME — YEARS — MONTH

PAGE [illegible] 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	Wet Bulb	Dew Point
[illegible]																					5
TOTAL		[illegible]	6.4	8.4	9.0	13.0	15.5	14.6	12.3	8.0	5.1	3.2	2.1	.7	.1				9[illegible]		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.	2051289	40341	45.0	16.285	897							
Dry Bulb	3413559	54883	61.[illegible]	8.616	900			25.0	8.1	.5		90
Wet Bulb	2170932	43874	48.9	5.279	897							90
Dew Point	1321591	33809	37.7	7.265	897		20.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) JUN (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
79/ 77											.2	.1		.2				5	5		
76/ 75										.1	.4	.6	.1	.1				12	12		
74/ 73								.1	.4	.4	.2	.3	.2	.4				20	20		
72/ 71								.2	.4	.7	.8	.6	.2					26	26		
70/ 69						.2	.1	.4	1.4	1.4	.1	.1	.3					38	38		
68/ 67						.3	.5	.9	2.3	.8	.2	.3						53	53		
66/ 65				.2	.1	.7	1.0	1.6	1.8	.2	.4	.2						56	56		
64/ 63			.1	.4	.1	.9	1.4	1.8	1.9	.3	.1							65	65		
62/ 61			.7	.1	.6	1.3	2.2	2.0	1.1	.1	.2							72	73		
60/ 59				.9	1.4	2.2	1.8	2.0	.2	.1								78	79	10	
58/ 57				.7	7.8	1.4	1.9	1.4	.2									76	77	25	
56/ 55			.5	.6	1.9	2.6	2.9	.6										81	81	40	10
54/ 53			.7	.8	1.1	2.2	1.4	.1										57	57	71	4
52/ 51		.1	.2	3.2	1.2	1.7	1.7											73	73	117	5
50/ 49		.4	1.9	1.6	1.8	1.1	.3	.1										65	65	124	22
48/ 47		.2	1.2	1.0	1.1	1.1	.3											45	45	112	36
46/ 45		.1	1.6	1.6	.2	.7	.1											38	38	137	48
44/ 43		1.0	.1	.8	.1													18	18	92	56
42/ 41		.4	.9	.2														14	14	80	125
40/ 39		.2	.1	.1														4	4	48	104
38/ 37			.1															1	1	29	79
36/ 35																				9	88
34/ 33																				3	93
32/ 31																					92
30/ 29																					49
28/ 27																					27
26/ 25																					23
24/ 23																					10
22/ 21																					6
20/ 19																					7
18/ 17																					11
16/ 15																					2
14/ 13																					2

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_n	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

72755 — STATION
HILL AFB UT — STATION NAME
74-83 — YEARS
JUN — MONTH

PAGE 2 — 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
TOTAL		[illegible]	7.8	12.2	12.5	16.5	16.3	11.3	9.9	4.2	2.5	2.2	.9	.9				897	9[illegible]	897	897

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.	2380399	43703	48.7	16.742	897							
Dry Bulb	1986392	52181	58.1	8.237	900			15.8	3.7			90
Wet Bulb	2036613	42489	47.4	5.175	897							90
Dew Point	1280653	33279	37.1	7.148	897		22.8					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

[illegible] HILL AFB UT 74-83 [illegible]
STATION STATION NAME YEARS MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
[illegible]											.1	.1	.3					5	5		
[illegible]											.1	.3						4	4		
[illegible]										.2	.1	.2	.1	.2				8	9		
[illegible]									.4	.3	.4	.6	.1	.1				18	18		
[illegible]							.[illegible]	.3	.2	.7	.6	.6	.2					24	24		
[illegible]							.7	.4	.7	.8	.8	.1	.1					29	29		
[illegible]		.1			.7	.1	.6	.6	1.8	1.0	.6	.1	.2					48	49		
[illegible]			.1		.1	.3	2.1	1.6	1.9	.9	.2							65	65	1	
[illegible]				.3	.1	.9	1.8	2.1	2.3	.2	.2							72	73	1	1
[illegible]			.2	.1	.6	.8	2.3	1.2	1.6									61	61		1
[illegible]			.2	.2	1.8	1.6	2.5	2.3	1.0									86	87	8	
[illegible]				.8	1.2	1.8	2.8	1.6	.2	.1								76	78	26	
[illegible]			.1	.8	2.2	1.8	3.7	1.7	.1									93	93	29	4
[illegible]			.4	1.8	1.3	1.2	2.2	.8										70	70	64	9
[illegible]		.1	.3	1.7	1.5	1.6	1.1	.2										58	58	110	5
[illegible]		.2	.4	1.3	1.9	1.6	1.1											59	59	114	13
[illegible]		.3	.7	1.7	.8	.8	.1	.1										40	40	136	32
[illegible]		.2	1.2	.7	.4	.8												30	30	109	59
[illegible]		.3	.9	.9	.3	.3	.1											25	25	100	65
[illegible]		1.[illegible]	.4	.4	.3													20	20	90	76
[illegible]			.6															5	5	61	104
[illegible]																				27	118
[illegible]																				14	78
[illegible]																				6	95
[illegible]																					75
[illegible]																					70
[illegible]																					35
[illegible]																					27
[illegible]																					17
[illegible]																					4
22/ 21																					3
[illegible]																					2
18/ 17																					3

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_n	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

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) JUN (MONTH)

PAGE 2 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL		2.3	5.1	10.6	12.9	13.5	20.5	12.9	10.3	4.2	3.1	2.0	1.1	.3				896	90	896	896

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.	2301509	43273	48.3	5.376	896							
Dry Bulb	3289554	53914	59.9	8.160	900			20.1	5.9	.6		90
Wet Bulb	2173521	43873	49.0	5.313	896			.1				90
Dew Point	1401378	34898	38.9	6.862	896		16.2					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

STATION	STATION NAME	YEARS	MONTH
23755	HILL AFB UT	74-83	JUN

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (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
97/ 87																	.2	2	2		
94/ 91														.1		.1		2	2		
91/ 89														.2	.3	.1		6	6		
88/ 87														.3		.2		5	5		
86/ 85												.3	.2	.8	.3	.1		16	16		
85/ 83									.1		.6	.3	1.6	.6				28	28		
83/ 81									.1		.7	.7	.9	.6	.2	.1		29	29		
81/ 79								.1		.7	1.2	1.2	1.1	.6	.6			49	49		
79/ 77			.1		.1	.1		.2	.2	1.3	1.6	1.3	1.3	.6				62	62		
76/ 75						.1	.2	1.0	.8	1.6	1.9	1.2	.3					64	64		
74/ 73			.1		.1	.2	.2	.7	2.7	2.2	1.8	.6	.2					80	80	1	
72/ 71					.2		.4	1.9	2.2	2.1	1.3	.3	.1					78	78		1
71/ 69						.7	1.4	2.0	2.8	.9	1.0	.1						80	81	3	
68/ 67					.3	.3	.5	1.8	1.8	1.2	.1							58	58	3	3
66/ 65				.1	.1	.7	1.0	1.6	1.1	.9								49	50	5	
64/ 63					.2	.9	1.6	1.7	1.6	.3								56	56	22	
62/ 61				.1	.4	.7	1.2	1.6	.9									44	44	46	2
61/ 59				.1	.1	.8	1.4	1.3	.3									46	46	95	6
59/ 57			.3	.7	.9	.6	.9	.8	.3									40	40	121	7
56/ 55			.3	.8	.7	1.0	.6	.6										35	35	113	8
54/ 53			.1	.2	.4	.3	.2	.1										13	13	129	14
52/ 51		.1		.3	.4	.8												15	15	98	31
50/ 49		.2	.2	.7		.1	.2											13	13	92	47
48/ 47		.1	.2	.2		.1	.1											7	7	54	83
46/ 45		.3	.6	.2	.1													11	11	48	112
44/ 43		.5	.1															6	6	36	88
42/ 41		.4																4	4	26	79
40/ 39																				3	105
38/ 37																				2	86
36/ 35																				1	67
34/ 33																					44
32/ 31																					58
30/ 29																					22
28/ 27																					17

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

72-765 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) JUN (MONTH)

PAGE 2 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
24/ 25																					13
22/ 23																					3
20/ 21																					2
TOTAL		1.8	2.2	3.5	5.2	7.7	10.5	15.3	14.9	11.2	10.1	6.1	5.8	3.7	1.4	.7	.2		900		898
																		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.	1621675	35527	39.6	15.523	898							
Dry Bulb	4334069	61837	68.7	9.746	900			56.0	39.3	11.8	.2	90
Wet Bulb	2602635	48075	53.5	8.677	898			.7	.1			90
Dew Point	1573762	37026	41.2	7.248	898		13.5	.8				90

USAFETAC FORM AN 54 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]755 — STATION
HILL AFB UT — STATION NAME
74-83 — YEARS
JUN — MONTH

PAGE 1 — 1200-1800 HOURS (L. S. T.)

Temp. (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
[illegible]/97														.1			.3	4	4		
96/95																	.7	6	6		
94/93																.4	1.3	14	14		
92/91														.1	.1	.3	.9	13	13		
[illegible]/89													.1	.9	.7	.9	.3	26	24		
88/87										.1		.2	.9	.8	.3	.8	.3	35	35		
86/85										.1	.1	.3	.7	1.2	1.6	.3	.1	40	40		
84/83										.1	.2	.8	.8	1.0	1.8	1.1		52	52		
[illegible]/81								.1	.1	.2	.6	1.4	2.4	2.0	1.3	.3		77	78		
[illegible]/79						.1		.3	.3	.8	1.4	2.4	1.8	1.7	.1			81	81		
78/77					.1	.1	.2	.2	.8	1.0	1.6	2.0	2.0	.7				78	78		
76/75								.3	1.1	1.4	2.1	1.2	1.3	.1				69	69		
74/73							.2	.7	.9	1.4	1.4	1.1	.3					55	55		
[illegible]/71							.1	.1	1.4	1.1	1.8	.8						48	48	1	
70/69							.6	.7	1.1	.3	1.1	.3						37	37	4	
68/67							.4	1.0	1.7	1.7	.8							50	50	4	
66/65						.2	1.1	.8	.4	.9	.7	.1						38	38	16	2
64/63					.1	.4	.7	.9	.7	1.1	.2							37	37	43	1
62/61			.1		.1	.4	.2	1.1	1.1	.2								33	33	61	2
[illegible]/59				.3	.3	.4	.4	.2	.4									[illegible]	25	114	5
58/57				.7	.7	.1	.3	.1	.1									25	25	133	6
56/55			.4	.6	.3	.7	.1	.1										20	20	127	5
54/53			.1		.2	.3		.3										9	9	121	13
52/51			.1	.2	.2	.1	.1											7	7	79	22
[illegible]/49			.1	.1	.1		.2											5	5	66	51
48/47		.1	.6	.1														7	7	50	59
46/45		.2	.2															4	4	38	71
44/43		.7																6	6	25	79
42/41		.1	.1															2	2	12	88
[illegible]/39		.1																1	1	4	88
38/37																				1	78
36/3																					85
34/33																					73
32/31																					70

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

STATION	STATION NAME	YEARS	MONTH
725755	HILL AFB UT	74-83	JUN

PAGE 2 — HOURS (L. S. T.): 1200-1400

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
[illegible] / 29																					44
[illegible] / 27																					22
[illegible] / 25																					29
[illegible] / 23																					7
[illegible] / 21																					2
[illegible] / 19																					1
[illegible] / 17																					1
TOTAL		1.2	1.9	2.0	2.3	3.2	4.8	7.8	10.2	10.6	12.0	10.8	10.3	8.6	6.3	4.2	3.8		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.	1108325	28379	31.6	15.310	899							
Dry Bulb	5044559	66673	74.1	10.825	900			68.6	55.1	31.2	2.4	90
Wet Bulb	2733575	49317	54.9	5.600	899			.9				90
Dew Point	1446507	35409	39.4	7.599	899		17.6					90

USAFETAC FORM 26 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) JUN (MONTH)

PAGE 1 1500-1700 (HOURS (L. S. T.))

Temp. (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
96/ 97																	.8	7	7		
96/ 95																	.9	8	8		
94/ 93																.7	2.1	21	21		
92/ 91													.1	.1	.4	.7	2.1	31	31		
9 / 89													.1	.4	.3	.7	.9	18	18		
86/ 87												.2	.7	.6	.6	1.2	.6	34	34		
84/ 85											.2	.2	.6	1.2	1.9	1.1	.7	53	54		
82/ 83										.1	.2	.8	1.1	2.2	3.3	1.0		79	80		
8 / 81								.1		.3	1.1	1.3	1.9	2.1	1.7			77	77		
8 / 79								.1		.3	1.7	2.1	2.2	3.2	.3			90	90		
78/ 77									.6	1.3	1.2	2.5	1.3	1.1	.1			73	73		
76/ 75									.3	1.2	1.2	1.1	.7	.6				46	47		
74/ 73					.1	.1		.1	.4	.8	1.1	1.1	1.0	.1				44	44		
7 / 7					.1		.1	.2	.6	.4	1.6	.4	.2					33	33		
7 / 69					.1			.8	1.3	1.2	2.0	.7	.1					56	56		
68/ 67						.1	.6	1.1	.7	.2	1.6	.4						42	42	2	
66/ 65				.2		.1	.3	.6	.4	1.1	1.0	.2						36	36	13	
64/ 63				.2	.2	.1	.7	.9	.4	1.0	.2							33	33	37	
62/ 61					.2	1.0	.3	.7	.3									23	23	72	1
6 / 59					.3	.9	.7	.4	.6									25	25	114	3
58/ 57			.1	.3	.2	.8	.4	.1	.1									19	19	122	1
56/ 55		.1		.3	.1	.3	.1	.1	.1									11	11	145	9
54/ 53		.2	.3		.2	.2		.3										12	12	113	9
52/ 51				.3	.2	.2												6	6	101	20
5 / 49		.3		.3														6	6	61	32
48/ 47			.6	.4	.2													8	8	51	41
46/ 45		.1		.2		.1												3	3	36	67
44/ 43			.1		.1													2	2	19	66
42/ 41																				4	85
4 / 39		.1																1	1	4	76
38/ 37																				2	99
36/ 35																				1	79
34/ 33																					78
32/ 31																					94

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 — STATION
HILL AFB UT — STATION NAME
74-83 — YEARS
NILA — MONTH

PAGE 2

1500-1700 — 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
1 / 29																					1
76 / 27																					49
76 / 25																					32
74 / 23																					7
72 / 21																					7
/ 19																					5
67 / 17																					1
TOTAL		.9	1.1	1.8	2.3	4.0	3.2	5.4	5.9	8.1	13.0	11.1	10.0	11.7	8.7	4.9	7.6		900		897
																		897		897	

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.	924915	25555	28.5	14.804	897							
Dry Bulb	5252500	68062	75.6	10.825	900			71.5	58.4	37.8	3.6	90
Wet Bulb	2723745	49201	54.9	5.286	897			.2				90
Dew Point	1333525	33916	37.8	7.561	897		23.7					90

USAFETAC FORM 0 26 5 (OL A) 84 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 — STATION
HILL AFB UT — STATION NAME
74-83 — YEARS
JUN — MONTH

PAGE 1

1800-2000 — HOURS (L. S. T.)

Temp. (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
100/ 95																	.3	3	3		
98/ 93																	.8	7	7		
96/ 91															.1	.1	.9	10	10		
94/ 89														.2	1.0	.8	.1	19	19		
92/ 87												.1	.3	.1	.7	.7	.1	18	18		
90/ 85												.4	.2	.7	1.2	.4		27	27		
88/ 83											.1	.9	1.3	1.7	1.2	.3		50	50		
86/ 81									.1	.2	.9	1.0	2.0	1.2	1.0	.1		59	59		
84/ 79									.1	.6	.9	2.0	1.3	1.3	.3			59	59		
82/ 77								.2	.3	1.4	2.0	2.0	1.9	.8				78	78		
80/ 75								.4	.9	1.8	2.3	2.8	1.0	.6				88	88		
78/ 73					.2	.2		.8	.9	1.4	2.0	.8	.9					65	65		
76/ 71					.1			.4	1.3	2.1	1.7	.8	.2					51	61		
74/ 69					.1		.7	.7	1.2	1.9	1.2	.3	.2					57	58		
72/ 67						.1	.2	.4	1.3	1.4	1.0	.1						42	47		
70/ 65				.1		.2	.6	.7	1.0	1.1	1.0	.2						44	44	7	
68/ 63						.1	.2	.6	.4	1.4	.1							31	31	25	
66/ 61			.1	.2	.4	.7	.9	.6	1.2	.2								41	41	55	2
64/ 59			.1	.2	.6	1.1	.4	.7	.4	.1								35	35	99	3
62/ 57				.6	.1	.8	.7	.7										25	25	123	3
60/ 55		.1	.1	1.3	.4	.9	.3	.1										29	29	122	9
58/ 53			.4		.1	.3	.1											13	13	126	8
56/ 51			.1	.1	.3	.2												7	7	104	26
54/ 49		.3	.1	.2	.1													7	7	82	38
52/ 47		.3	.1	.6														9	9	59	45
50/ 45			.4	.4		.1												9	9	54	67
48/ 43		.1	.2	.1	.1													5	5	26	69
46/ 41			.1															1	1	5	99
44/ 39																				7	79
42/ 37																				1	89
40/ 35																				1	87
38/ 33																					77
36/ 31																					61
34/ 29																					44

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_n	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

725755 — STATION
HILL AFB UT — STATION NAME
74-83 — YEARS
JUN — 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
[illegible] / 27																					34
[illegible] / 25																					29
[illegible] / 23																					17
[illegible] / 21																					9
[illegible] / [illegible]																					1
[illegible] / 17																					2
TOTAL		.9	2.3	4.3	2.7	4.7	4.7	6.2	9.4	13.8	13.3	11.5	9.5	6.6	5.6	2.4	2.2	898	898	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.	1213927	29735	33.1	15.989	898							
Dry Bulb	4766675	64819	72.2	10.459	900			64.4	48.3	21.8	1.0	90
Wet Bulb	2632527	48383	53.9	5.355	898							90
Dew Point	1901735	34839	38.8	7.474	898		18.1					90

USAFETAC FORM NO. 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: [illegible] HILL AFB UT — STATION NAME
YEARS: 74-83
MONTH: JUN

PAGE 1 — HOURS (L.S.T.): 21[illegible]-23[illegible]

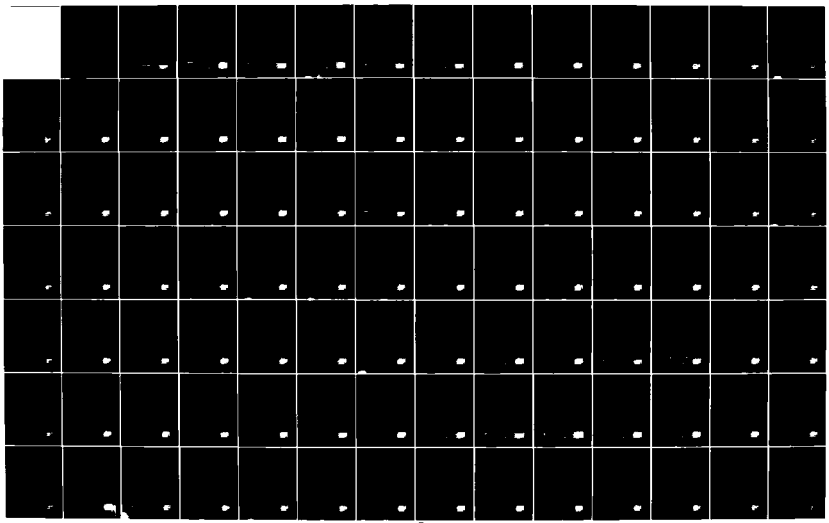
Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 85														.7	.1	.7		4	4		
[illegible] / 83												.1	.6	.7	.2			14	14		
[illegible] / 81												.6	.7	.7				17	17		
[illegible] / 79									.2	.1	.6	.7	1.3	.3				29	29		
[illegible] / 77										.3	1.0	1.0	.7	.1	.4			40	40		
[illegible] / 75								.1	.4	1.1	1.2	1.6	.6	.2				48	48		
[illegible] / 73							.1	.4	1.1	1.0	1.6	.8	.4	.2				51	51		
[illegible] / 71						.2		1.2	.4	1.3	2.5	.6						57	57		
[illegible] / 69					.1	.1	.5	2.0	2.5	2.1	2.6	.1						97	97		
[illegible] / 67		.1		.1	.1		.5	2.2	2.3	2.0	.7							75	77		
[illegible] / 65				.	.1	.7	1.6	2.5	1.8	1.4	.1							71	72	1	
[illegible] / 63			.1	.1	.2	.9	1.4	1.2	2.7	.4	.1							65	65	2	1
[illegible] / 61			.1	.4	.4	.9	1.	1.6	1.0	.1								50	50	12	
[illegible] / 59					.1	1.1	1.4	2.2	1.1									63	63	45	
[illegible] / 57			.1	.6	.0	.4	1.4	1.3	.1	.1								45	79	79	5
[illegible] / 55		.1	.1	1.3	1.3	.7	1.1	.8	.2	.1								53	53	102	5
[illegible] / 53			.1	1.1	.6	.9	.8	.1										39	39	127	8
[illegible] / 51			.1	1.3	1.1	.2	.4											25	29	151	10
[illegible] / 49		.1	.4	.0	1.0													22	22	118	26
[illegible] / 47			.3	.2	.2													3	9	95	44
[illegible] / 45		.4	.5	.2														14	14	75	73
[illegible] / 43		.1	.1	.2														5	5	57	98
[illegible] / 41			.1	.1														4	4	33	87
[illegible] / 39			.															.	.	19	98
[illegible] / 37			.1															2	2	3	99
[illegible] / 35																				.1	55
[illegible] / 33																				2	66
[illegible] / 31																					57
[illegible] / 29																					46
[illegible] / 27																					19
[illegible] / 25																					17
[illegible] / 23																					3
[illegible] / 21																					5
[illegible] / 19																					4

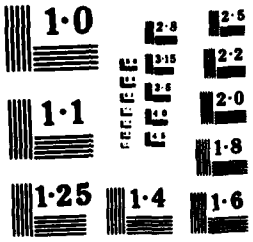
Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

AD A147 184 HILL AFB UTAH REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS (RU..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. SEP 84

UNCLASSIFIED USAFETAC/DS 84/029 SBI-AD-E850 746 F/G 4/2 NL




1·0
2·8
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3·15
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2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]755	HILL AFB UT	74-83	JUN

PAGE 2 — 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
[illegible]/17																					1
16/15																					1
[illegible]/13																					1
TOTAL		1.0	4.2	6.8	7.4	5.7	10.7	15.7	13.9	10.3	10.5	6.2	4.2	2.3	.8	.2			900		897
																		897		897	

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.	1700727	36245	40.4	16.236	897							
Dry Bulb	3899332	58644	65.2	9.320	900			42.7	20.3	4.9		90
Wet Bulb	2353218	45710	51.0	5.164	897							90
Dew Point	1368294	34488	38.4	6.870	897		19.2					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

STATION	STATION NAME	YEARS	MONTH
725755	HILL AFB UT	74-83	JUN

PAGE 1

HOURS (L. S. T.): ALL

Temp. (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
98/ 97														.1			.1	11	11		
96/ 95																	.2	17	17		
96/ 93																.1	.5	44	44		
94/ 91													.0	.0	.1	.2	.5	56	56		
92/ 89													.0	.2	.3	.3	.1	69	69		
90/ 87										.0		.1	.2	.2	.3	.4	.1	92	92		
88/ 85										.0	.0	.2	.2	.5	.6	.3	.1	140	141		
86/ 83									.0	.0	.1	.4	.7	.8	.8	.3		224	225		
82/ 81								.0	.0	.1	.4	.6	1.1	.8	.5	.1		267	268		
80/ 79						.0		.1	.1	.3	.8	1.1	1.0	.9	.2			319	319		
78/ 77			.0		.0	.0	.0	.1	.2	.7	1.0	1.4	1.0	.5	.1			363	363		
76/ 75						.0	.0	.2	.5	1.0	1.3	1.2	.6	.3				368	369		
74/ 73			.0		.1	.1	.1	.4	.9	1.1	1.2	.7	.4	.1				367	367	1	
72/ 71					.1	.0	.2	.6	1.1	1.3	1.4	.5	.1					382	382	1	1
70/ 69		.0			.1	.2	.5	1.0	1.7	1.4	1.1	.3	.1					459	461	7	
68/ 67		.0	.0	.0	.1	.2	.8	1.3	1.7	1.2	.7	.2						449	453	10	3
66/ 65				.2	.1	.5	1.1	1.5	1.4	.8	.5	.1						434	439	43	3
64/ 63			.1	.1	.2	.7	1.4	1.2	1.4	.7	.1							425	425	130	3
62/ 61		.0	.1	.2	.6	1.0	1.3	1.5	1.0	.3	.1							421	423	262	7
60/ 59			.0	.3	.8	1.3	1.4	1.4	.5	.0								414	417	518	19
58/ 57			.1	.5	1.2	1.0	1.4	1.1	.2	.0								405	406	667	31
56/ 55		.1	.3	.9	1.0	1.0	1.1	.6	.0	.0								358	358	797	64
54/ 53		.0	.4	.7	.6	1.0	.7	.2	.0									256	256	883	63
52/ 51		.1	.2	1.0	.8	.8	.5		.0									244	244	871	134
50/ 49		.3	.7	.8	.6	.3	.2	.0										202	202	811	265
48/ 47		.2	.6	.5	.3	.3	.1											143	143	642	396
46/ 45		.2	.7	.5	.1	.2	.0											125	125	589	578
44/ 43		.5	.3	.3	.1													76	76	429	622
42/ 41		.1	.3	.1														35	35	284	767
40/ 39		.1	.1	.0														10	10	141	769
38/ 37			.1															4	4	60	685
36/ 35																				26	678
34/ 33																				7	650
32/ 31																					652

Element (X)	$\Sigma_{X'}$	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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
725755	HILL AFB UT	74-83	JUN

PAGE 2 — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 29																					345
[illegible] / 27																					214
[illegible] / 25																					172
[illegible] / 23																					51
[illegible] / 21																					4[illegible]
[illegible] / 19																					33
[illegible] / 17																					2[illegible]
[illegible] / 15																					6
[illegible] / 13																					8
TOTAL		1.5	3.9	6.2	6.8	8.5	10.8	11.1	10.9	8.9	8.8	6.7	5.5	4.3	2.9	1.6	1.7		72[illegible]		7179
																		7179		7179	

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.	13300866	282758	39.4	17.363	7179							
Dry Bulb	33086639	481013	66.8	11.496	7200			363.7	234.1	108.2	7.2	720
Wet Bulb	19426766	370922	51.7	6.043	7179			1.9	.1			720
Dew Point	11127448	277663	38.7	7.358	7179		149.5	.8				720

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

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) JUL (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
8 / 7															.1	.1		2	2		
78/ 87														.1				1	1		
84/ 83												.1	.2					3	3		
8 / 81										.2	.3	.4	.6	.1				16	16		
8 / 79								.1	.2	.5	1.0	.9	.6	.3	.3			37	37		
78/ 77						.1	.2		.5	1.2	1.7	2.2	1.1	.1	.1			67	67		
76/ 75							.1	.9	1.4	2.6	2.3	1.0	.2					78	78		
74/ 73					.1	.6	.8	1.5	2.3	2.7	2.6	.3	.2	.2				111	111		
72/ 71					.6	.6	1.0	2.0	4.0	2.7	2.2	.4	.3					129	129		
7 / 69				.1	.4	1.6	2.4	3.3	2.9	2.6	1.5	.2	.2					144	144		
68/ 67			.1	.3	.3	1.1	1.4	2.3	2.6	1.8	1.3	.1						105	105	3	
66/ 65			.6	.6	1.1	.3	.4	2.6	2.3	1.0	.2							89	89	2	
64/ 63		.2	.2	.4	1.0	.6	1.4	.9	.8	.3								54	54	33	1
62/ 61	.1	.1	.3	1.2	.4	.6	.9	.6	.3									43	43	58	11
6 / 59			.1	.4	.2	.3	.2	.3										15	15	101	15
58/ 57		.1	.3	.2	.2	.3	.4	.6										21	21	174	17
56/ 55		.2					.1											3	3	168	28
54/ 53			.5	.2	.1	.1												9	9	127	43
52/ 51			.1		.1													2	2	126	67
5 / 49			.1															1	1	90	66
48/ 47																				38	54
46/ 45																				15	117
44/ 43																				5	85
42/ 41																					81
4 / 39																					85
38/ 37																					80
36/ 35																					64
34/ 33																					29
32/ 31																					48
3 / 29																					14
28/ 27																					7
26/ 25																					5
24/ 23																					4
22/ 21																					5

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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) JUL (MONTH)

PAGE 2 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
[illegible] / 15																					2
[illegible] / 15																					2
TOTAL	.[illegible]	.6	2.5	3.8	4.6	6.9	9.2	15.2	17.8	15.6	13.0	5.6	3.5	.2	.5	.1		930	930	930	930

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≥32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	1725633	37525	40.3	15.089	930							
Dry Bulb	4598239	65168	70.1	5.842	930			69.3	31.5	6.1		93
Wet Bulb	2846750	51302	55.2	4.247	930			.3				93
Dew Point	1799100	40229	43.3	7.993	930		8.7					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

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) JUL (MONTH)

PAGE 2 C300-C500 (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
9[illegible]/ 89															.3			2	2		
94/ 87													.2	.2				4	4		
9[illegible]/ 8[illegible]												.2			.1			3	3		
8[illegible]/ 79									.1	.3	.1	.2		.2	.3			12	12		
78/ 77									.4	.1	1.0	.4	.2					20	20		
76/ 75						.0		.5	.3	1.5	1.1	1.0	.2					45	45		
74/ 73						.1	1.1	.8	1.9	1.3	1.7	.2	.2	.3				71	71		
72/ 71					.3	.8	.4	1.8	3.1	2.2	1.3	.2	.1					95	95		
70/ 69				.3	.2	1.5	2.0	2.2	2.9	2.2	.9	.1	.1					115	115		
68/ 67		.1	.5	.3	1.0	2.2	2.0	3.3	1.8	1.3	.4		.1					122	122	1	
66/ 65			.3	.5	1.0	1.1	2.9	3.4	3.0	.9	.2	.1						127	127	2	
64/ 63		.2	.4	1.0	1.4	1.3	2.2	2.8	2.6	.8								117	117	24	4
62/ 61		.1	.3	1.3	.6	1.7	1.9	2.2	1.3									81	81	44	6
6[illegible]/ 59				.9	.3	.9	1.3	1.1	.5									46	46	56	17
58/ 57			.4	.4	.4	1.4	.5	.1										31	31	132	9
56/ 55			.1		.2	.4	.6	.2										15	15	150	35
54/ 53		.1	.3	.2	.1	.4	.2											17	17	153	32
5[illegible]/ 5[illegible]				.3														3	3	118	69
50/ 49				.2	.1													3	3	124	53
48/ 47				.1														1	1	73	75
46/ 45																				38	78
44/ 43																				12	95
42/ 41																				3	76
4[illegible]/ 39																					87
36/ 37																					89
34/ 35																					80
34/ 33																					33
32/ 31																					46
30/ 29																					22
28/ 27																					7
26/ 25																					10
22/ 21																					3
20/ 19																					2
18/ 17																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) JUL (MONTH)

PAGE 2 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
16/ 15																					1
TOTAL		.5	2.9	5.6	5.7	11.4	15.3	18.4	18.1	10.4	6.7	2.5	1.2	.8	.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.	1978434	40626	43.7	14.809	930							
Dry Bulb	4201780	62272	67.0	5.878	930			48.9	15.7	1.5		93
Wet Bulb	2702143	49949	53.7	4.576	930			.1				93
Dew Point	1758933	39763	42.8	7.958	930		9.2					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

725765 — STATION
HILL AFB UT — STATION NAME
74-83 — YEARS
JUL — MONTH

PAGE 1 — 0600-0900 HOURS (L.S.T.)

Temp. (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
WET BULB TEMPERATURE DEPRESSION (F)																					
88/ 87														.1				1	1		
86/ 85														.1				1	1		
84/ 83												.2		.2				4	4		
82/ 81										.1	.2	.2	.1		.1			7	7		
80/ 79									.2	.2	.4	.1		.1				14	14		
78/ 77							.2	.3	.4	.5	.8	.4	.2		.1			27	27		
76/ 75							.2	1.1	.9	1.7	2.6	.4	.2					66	66		
74/ 73						.9	.6	1.0	1.7	1.1	1.8	.4						70	70		
72/ 71					.3	1.8	1.1	2.5	3.2	2.5	.8	.5	.1					119	119		
70/ 69				.3	1.2	1.5	3.3	2.6	2.6	2.0	.5							131	131		
68/ 67		.1	.3	.2	.9	1.8	3.[illegible]	2.9	3.3	.9	.4							129	129		
66/ 65			.5	1.[illegible]	1.5	1.9	2.7	2.7	2.7	.1	.1							132	132	7	
64/ 63		.1	.1	.3	1.[illegible]	.7	1.8	2.4	1.[illegible]	.1								79	79	30	3
62/ 61		.1		1.2	.5	1.1	1.8	1.9	.9									70	70	66	6
60/ 59			.4	.6	.4	.2	1.4	1.0	.4									42	42	86	13
58/ 57			.2	.1	.4	.5	.2	.5										19	19	148	23
56/ 55		.1	.1		.3	.3	.2	.1										11	11	161	43
54/ 53		.1	.1	.1	.1	.1	.2											7	7	141	44
52/ 51		.1		.2	.1													4	4	117	83
50/ 49		.1																1	1	85	62
48/ 47																				56	86
46/ 45																				25	93
44/ 43																				8	82
42/ 41																					79
40/ 39																					87
38/ 37																					86
36/ 35																					47
34/ 33																					29
32/ 31																					38
30/ 29																					17
28/ 27																					3
26/ 25																					4
24/ 23																					1
22/ 21																					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	≥ 75 F	≥ 80 F	≥ 90 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

72765 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) JUL (MONTH)

PAGE 2 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL		.8	1.9	4.1	6.9	11.9	16.8	18.9	17.3	12.2	7.6	2.4	.6	.5	.2			93	93	93	93

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.	1992724	41092	44.2	13.806	930							
Dry Bulb	4328687	63231	68.0	5.644	930			56.5	18.6	1.8		93
Wet Bulb	2860215	50913	54.7	4.519	930							93
Dew Point	1871302	41118	44.2	7.578	930		6.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATC WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725725 — STATION
HILL AFB UT — STATION NAME
74-83 — YEARS
JUL — MONTH

PAGE 1 — 1900-1100 HOURS (L. S. T.)

Temp. (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
90/ 83																.2		2	2		
8 / 9													.1	.1	.4	.2		8	8		
8 / 89													.2	.3	.3		.2	11	11		
88/ 87									.1	.1	.2	.4	.9	1.2	.3	.2		32	32		
86/ 85									.1	.3	.8	1.1	2.5	1.2	.9	.1		62	62		
84/ 83									.1	.5	1.5	1.6	2.0	1.6	.4	.2		76	76		
8 / 8								.1	.8	1.9	3.4	2.4	1.8	.6	.4			99	99		
8 / 79								1.2	1.4	2.3	3.0	3.7	1.3	1.1	.1			120	120		
78/ 77							.6	1.9	2.4	2.5	2.4	2.7	.4	.2				122	122		
76/ 75						.4	1.4	2.5	1.9	2.3	3.0	.9	.1					116	116		
74/ 73						.9	1.4	1.7	1.8	1.6	1.4	.1	.1					84	84		
72/ 71					.4	.9	.6	1.9	2.2	1.3	.5							71	71	2	
70/ 69				.6	.1	1.2	1.1	.5	.4	.6	.3							46	46	1	
68/ 67			.2	.2	.2	.6	.3	.6	.3	.5								29	29	10	
66/ 65				.1	.3	.1	.1	.2	.6	.1								15	15	68	
64/ 63		.2			.2	.1	.1	.1	.3									10	10	133	7
62/ 61				.1	.1	.1	.1	.2	.1									7	7	185	9
6 / 59				.2		.1	.2											6	6	155	20
58/ 57						.1												1	1	168	39
56/ 55																				99	71
54/ 53																				64	74
52/ 51			.3															3	3	17	89
50/ 49																				21	90
48/ 47																				7	95
46/ 45																					96
44/ 43																					81
42/ 41																					75
40/ 39																					69
38/ 37																					37
36/ 35																					35
34/ 33																					18
32/ 31																					11
30/ 29																					6
28/ 27																					8

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

725755 — STATION
HILL AFB UT — STATION NAME
74-83 — YEARS
JUL — MONTH

PAGE 2
0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	D	TOTAL Bulb	Dew Point
TOTAL		.2	.5	1.4	1.4	4.5	5.8	11.1	12.6	13.9	16.6	12.8	8.7	6.3	7.9	1.1	.2	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.	1342048	33360	35.9	12.510	930							
Dry Bulb	5608409	71989	77.4	6.218	930			88.8	74.2	35.8	.2	93
Wet Bulb	3296123	55243	59.4	3.968	930			1.3				93
Dew Point	2090150	43578	46.9	7.203	930		2.5					93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) JUL (MONTH)

PAGE 1 1200-1400 (HOURS (L.S.T.))

Temp. (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
[illegible] / 99																	.0	2	[illegible]		
98 / 97																	.2	2	2		
96 / 95															.1	.6	.5	12	12		
94 / 93													.2	.2	.9	1.9	1.[illegible]	19	19		
[illegible] / 9[illegible]										.1			.3	.8	2.5	1.4	1.1	57	57		
9[illegible] / 8[illegible]												.4	1.1	2.2	3.3	2.6	1.3	1[illegible]	1[illegible]		
88 / 87											.6	1.0	2.0	3.4	1.9	1.7	1.1	1[illegible]5	1[illegible]		
86 / 85										1.0	1.4	3.5	3.0	3.1	2.[illegible]	1.6	.2	148	148		
84 / 83									.3	1.0	1.6	2.3	2.7	2.2	1.[illegible]	1.[illegible]		11[illegible]	11[illegible]		
82 / 81								.2	1.3	1.2	1.6	2.0	2.5	1.4	1.1	.1		1[illegible]6	1[illegible]6		
[illegible] / 79						.1	.1	1.2	1.6	1.1	1.2	1.9	1.2	.4	.1			83	83		
78 / 77							.4	.8	.5	1.3	1.7	.8	.3					54	54		
76 / 75						.4		1.1	.3	1.0	.3	.5						34	34	1	
74 / 73					.1	.2	.1	.9	.2	.3	.4	.1						24	24		
72 / 71				.1	.2		.2	.3	.1	.7	.4							15	15		
70 / 69				.1	.2		.1	.2	.2	.3	.1							12	12	5	[illegible]
[illegible] / 67				.1		.2	.1	.2		.8								13	13	46	
66 / 65					.2		.1	.1										4	4	111	3
64 / 63		.1																1	1	190	2
62 / 61	.2							.1										3	3	181	1[illegible]
[illegible] / 59					.1			.2										3	3	144	2[illegible]
58 / 57					.1													1	1	138	35
56 / 55				.1														1	1	66	46
54 / 53																				29	53
[illegible] / 51																				7	78
50 / 49																				9	6[illegible]
48 / 47																				2	99
46 / 45																				1	1[illegible]6
44 / 43																					99
42 / 41																					7[illegible]
40 / 39																					51
38 / 37																					55
36 / 35																					36
34 / 33																					28

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: [illegible] STATION NAME: HILL AFB UT YEARS: 74-83 MONTH: ALL

PAGE [illegible] HOURS (L. S. T.): 1200-1800

Temp. (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
[illegible]																					33
[illegible]																					57
[illegible]																					2[illegible]
[illegible]																					[illegible]
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.4	5.3	4.5	8.2	9.5	17.6	13.3	13.7	12.9	[illegible]	5.6	93[illegible]	93	93[illegible]	93[illegible]

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.	856227	25949	27.9	11.929	93[illegible]							
Dry Bulb	6550184	77820	83.7	6.43[illegible]	93[illegible]			91.7	87.7	73.1	5.5	93
Wet Bulb	3463257	56639	60.9	3.857	93[illegible]			5.2	.1			93
Dew Point	1960201	42039	45.2	8.030	93[illegible]		7.3	.1				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

[illegible]755 HILL AFB UT 74-83 JUL
STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
[illegible]/99																	.1	1	[illegible]		
96/97																.1	.4	5	5		
96/95										.1					.1	.5	2.8	73	33		
94/93										.2				.2	.9	2.[illegible]	4.[illegible]	67	67		
[illegible]/9[illegible]													.4	.8	2.4	3.2	3.1	92	92		
[illegible]/89											.1	.6	.8	2.5	3.8	2.7	3.3	132	132		
88/87										.1	.9	1.1	1.4	3.7	3.4	2.2	2.[illegible]	133	134		
86/85										.2	.9	1.4	2.6	2.5	1.2	2.9	.3	111	111		
84/83									.5	.3	1.1	2.0	1.8	1.5	1.9	.5		91	91		
[illegible]/81								.4	.3	1.2	1.2	.8	2.3	.8	.6			7[illegible]	7[illegible]		
[illegible]/79							.2	.9	.8	.8	.9	.8	1.5	1.0	.2	.1		65	65		
7[illegible]/77						.2		.5	.6	.8	.6	1.3	.3					41	41	1	
7[illegible]/75					.1	.5	.1	.3	.5	.1	.2	.5						23	27	2	
74/73					.3	.2	.1	.2	.3	.1	.3	.3						18	18		
7[illegible]/71			.1		.1		.3	.3	.3		.3	.1						15	15		1
7[illegible]/69				.2	.2	.1		.3	.1	.1	.2							12	12	3	2
6[illegible]/67			.1								.7							4	4	44	
66/65					.2	.1	.4											5	5	79	1
[illegible]/63		.1					.1			.2								4	4	174	4
[illegible]/61						.1	.1	.1										3	3	193	16
[illegible]/59		.1	.2	.1														4	4	160	13
58/57																				129	24
5[illegible]/55																				110	35
[illegible]/53																				16	42
[illegible]/51																				11	47
[illegible]/49																				5	58
48/47																					74
46/45																				2	87
44/43																					88
42/41																					81
[illegible]/39																					81
36/37																					63
36/35																					54
34/33																					33

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]755 — STATION
HILL AFB UT — STATION NAME
74-83 — YEARS
JUL — MONTH

PAGE 2 — 1500-1700 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
[illegible]																					59
[illegible]																					39
[illegible]																					22
[illegible]																					3
[illegible]																					1
[illegible]																					1
TOTAL		.2	.3	.2	3.0	1.3	1.2	3.1	3.6	4.2	6.9	8.9	11.1	12.5	14.4	14.3	16.5	929	930	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.	716514	23140	24.9	12.288	929							
Dry Bulb	6805657	79315	85.3	6.666	930			91.4	88.3	77.4	10.6	93
Wet Bulb	3927496	56316	60.6	3.831	929			5.0	.3			93
Dew Point	1798868	40100	43.2	8.557	929		12.5	.3				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72[illegible]5 — STATION
HILL AFB UT — STATION NAME
74-81 — YEARS
JUL — MONTH

PAGE 1 — 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
[illegible] / 9[illegible]																.1	.3	4	4		
[illegible] / 9[illegible]										.1				.1	.2	.5	.9	17	17		
9[illegible] / 9[illegible]														.4	.9	1.5	1.4	39	39		
9[illegible] / 8[illegible]									.1			.2	.2	1.6	1.8	2.5	1.1	7[illegible]	7[illegible]		
8[illegible] / 87											.2	.1	1.8	2.[illegible]	2.5	1.6	1.[illegible]	86	86		
86 / 85								.1			.3	1.4	2.2	2.6	2.3	1.6	.2	99	99		
84 / 8[illegible]									.1	.5	1.4	2.0	2.9	2.5	1.7	1.[illegible]	.2	115	115		
8[illegible] / 8[illegible]									.1	1.2	2.2	2.3	2.8	1.8	1.2			107	107		
8[illegible] / 79								.4	.6	2.0	1.1	2.4	1.8	1.0	.1			88	88		
7[illegible] / 77						.2	.4	.8	1.3	1.7	1.2	1.8	1.6	.4				9[illegible]	9[illegible]		
76 / 75					.2	.3	.6	1.2	1.0	.6	1.1	2.0	.4					70	7[illegible]	1	
74 / 73					.4	.4	.6	.8	.8	.5	.5	.8						45	45	2	
7[illegible] / 72				.[illegible]	.2	.5	.4	.5	.3	.5	.5							3[illegible]	3[illegible]		
7[illegible] / 69				.4	.2		.6	.5	.2	.1	.4							24	24	2	
6[illegible] / 67			.[illegible]	.1	.2	.[illegible]	.2	.1	.2	.1	.1							16	16	13	3
66 / 65			.[illegible]	.1	.1			.2		.1								6	6	51	2
64 / 63			.[illegible]	.1		.1	.2			.1								6	6	131	2
62 / 61		.1	.1		.1		.1	.1	.1									6	6	176	13
6[illegible] / 59		.2	.2	.1	.1		.1											7	7	180	16
5[illegible] / 57		.1	.1	.1														3	3	172	26
55 / 55		.1	.1															2	2	109	42
54 / 53																				65	39
52 / 51																				17	71
5[illegible] / 49																				7	68
46 / 47																				2	6[illegible]
45 / 45																				2	8[illegible]
44 / 43																					81
42 / 41																					65
4[illegible] / 39																					75
38 / 37																					7[illegible]
36 / 35																					64
34 / 33																					48
32 / 31																					44
3[illegible] / 29																					26

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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]755 — STATION
HILL AFB UT — STATION NAME
74-82 — YEARS
JUL — 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
[illegible]/27																					15
[illegible]/25																					1
[illegible]/23																					1
[illegible]/21																					1
[illegible]/19																					1
TOTAL	.5	.5	1.1	1.5	2.2	3.5	4.7	4.8	7.7	9.0	13.0	13.8	12.5	10.6	8.8	5.1		97[illegible]	93[illegible]	93[illegible]	93[illegible]

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.	999058	27310	29.4	18.565	93[illegible]							
Dry Bulb	6162259	75927	81.1	6.945	93[illegible]			30.0	83.0	59.1	2.1	93
Wet Bulb	3296937	55261	59.4	3.784	93[illegible]			1.8	.3			93
Dew Point	1842583	45655	43.7	8.384	93[illegible]		8.9	.3				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

STATION	STATION NAME	YEARS	MONTH
725755	HILL AFB UT	74-83	JUL

PAGE 1 — HOURS (L.S.T.) 2100-2300

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
99/ 97																	.1	1	1		
95/ 91															.1	.1		2	2		
98/ 87												.1			.3			4	4		
96/ 85												.3	.1	.3	.3			10	10		
91/ 81						.1					.5	.4	.8	1.3	.3			32	32		
91/ 81							.1		.1	.2	1.2	2.2	1.6	1.0	.1	.3		63	63		
89/ 79							.1	.3	.3	.8	2.8	2.5	1.8	1.0	.1			90	90		
79/ 77							.2	.4	.8	2.6	3.1	3.1	1.7	.2	.1			114	114		
78/ 75							.5	1.6	1.3	3.3	3.1	2.7	2.0	.3	.1			140	140		
74/ 73				.2	.2	.6	1.5	1.9	2.3	2.4	2.9	1.7	.4					132	132	1	
71/ 71				.2		.4	1.2	2.0	1.2	2.8	1.6	1.3	.3					112	112		
71/ 69				.8	.9	.6	.8	.8	2.2	2.0	1.1	.3						88	88	1	
68/ 67				.6	.3	.8	.3	1.1	1.6	.9	.1							52	52	4	
66/ 65			.3	.4	.8	.2	.6	.6	.2	.3								33	33	13	
64/ 63		.1	.1	.2	.3	.5	.3	.5	.2									22	22	49	6
62/ 61				.4	.4		.3	.2	.3									14	14	109	4
61/ 59			.3	.2	.2	.1												7	7	150	16
59/ 57		.1	.1		.3	.1		.1										7	7	180	34
56/ 55		.1	.1	.1														3	3	144	31
54/ 53			.1		.2													3	3	128	48
52/ 51	.1																	1	1	91	49
51/ 49																				42	68
48/ 47																				12	68
46/ 45																				5	1.1
44/ 43																				1	73
42/ 41																					84
41/ 39																					79
39/ 37																					72
37/ 35																					75
34/ 33																					33
33/ 31																					40
31/ 29																					29
30/ 27																					6
26/ 25																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 — STATION
HILL AFB UT — STATION NAME
74-83 — YEARS
JUL — MONTH

PAGE 2 — 2300-2359 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
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
TOTAL	.1	.3	1.[illegible]	3.0	3.7	4.5	6.[illegible]	9.7	10.4	15.3	16.5	14.6	8.[illegible]	4.[illegible]	1.5	.4	.1	93[illegible]	93[illegible]	93[illegible]	93[illegible]

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.	1397240	33378	35.9	14.657	930							
Dry Bulb	5122399	68807	74.0	5.836	930			84.0	58.8	15.7	.1	93
Wet Bulb	3011590	52788	56.8	4.055	930			.6	.1			93
Dew Point	1816886	40389	43.4	8.223	930		8.9	.1				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

STATION	STATION NAME	YEARS	MONTH
72275	HILL AFB UT	74-83	JULY

PAGE 1

HOURS (L. S. T.): ALL

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
100/99																	.1	1	1		
98/97																.0	.1	1	1		
96/95										.0					.0	.2	.5	49	49		
94/93										.0			.0	.1	.2	.6	.7	126	126		
92/91										.1			.1	.3	.6	.8	.7	200	200		
90/89									.0		.0	.2	.3	.8	1.2	1.0	.3	316	316		
88/87									.0	.0	.2	.3	.8	1.1	1.1	.6	.5	362	363		
86/85								.0	.0	.2	.4	1.0	1.3	1.2	.8	.8	.1	431	431		
84/83						.0			.1	.3	.9	1.1	1.3	1.2	.7	.3	.0	435	435		
82/81							.0	.1	.3	.8	1.3	1.3	1.4	.7	.5	.1		471	471		
80/79						.0	.1	.5	.7	1.0	1.3	1.5	1.0	.6	.2	.0		515	515		
78/77						.1	.3	.6	.9	1.3	1.6	1.6	.7	.1	.0			535	535	1	
76/75					.0	.2	.4	1.1	1.0	1.6	1.7	1.1	.4	.0	.0			572	572	4	
74/73				.0	.1	.5	.6	1.1	1.5	1.7	1.5	.5	.1	.1				555	555	1	
72/71			.0	.0	.3	.8	.6	1.4	1.8	1.5	1.0	.3	.1					586	586	2	1
70/69			.1	.4	.4	.8	1.3	1.3	1.4	1.3	.6	.1	.0					572	572	12	4
68/67		.0	.2	.2	.4	.9	.9	1.3	1.2	.8	.3	.0	.0					471	471	121	3
66/65			.0	.3	.6	.6	.9	1.2	1.1	.4	.1	.0						411	411	333	6
64/63		.1	.1	.3	.5	.6	.8	.8	.6	.2								293	293	764	29
62/61	.	.1	.1	.5	.7	.4	.7	.7	.4									227	227	1012	75
60/59		.0	.1	.3	.2	.3	.4	.3	.1									170	170	1032	132
58/57		.0	.1	.1	.2	.3	.1	.2										83	83	1291	207
56/55		.1	.1	.0	.1	.1	.1	.0										35	35	1007	331
54/53		.2	.2	.1	.1	.1	.1											36	36	723	375
52/51	.	.2	.1	.1	.0													13	13	504	552
50/49		.2	.2	.0	.0													5	5	373	525
48/47				.														1	1	190	611
46/45																				88	758
44/43																				26	684
42/41																				3	634
40/39																					613
38/37																					552
36/35																					456
34/33																					287

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 AS 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] HILL AFB UT — 74-83 — JUL

STATION — STATION NAME — YEARS — MONTH

PAGE 2 — ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																					3.9
[illegible]																					175
[illegible]																					88
[illegible]																					30
[illegible]																					17
[illegible]																					13
[illegible]																					7
[illegible]																					2
[illegible]																					1
TOTAL	.1	.4	1.3	2.4	3.2	5.5	7.4	10.8	11.1	10.7	10.7	9.0	7.6	6.4	5.5	4.4	3.4		7440		7439
																		7439		7439	

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.	11[illegible]787[illegible]	262376	35.3	15.355	7439							
Dry Bulb	433776.9	564029	75.8	9.117	7440			620.6	457.8	248.5	18.5	744
Wet Bulb	248505.1	428413	57.6	4.897	7439			14.3	.8			744
Dew Point	149375.27	327861	44.1	8.097	7439		68.8	.8				744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72755 — STATION
HILL AFB UT — STATION NAME
74-83 — YEARS
AUG — MONTH

PAGE 1
0000-0200 HOURS (L. S. T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87													.1					1	1		
86/ 85														.2				2	2		
84/ 83													.1	.2				3	3		
82/ 81											.1	.2	.5					9	9		
80/ 79								.1	.2	.9	.5	.9	.5	.2	.2			33	33		
78/ 77							.1	.4	.9	.5	.4	1.2	1.0	.1				43	43		
76/ 75						.1	.1	.2	.8	1.0	1.3	1.3	.8	.1				54	54		
74/ 73						.2	.1	.5	1.7	1.1	2.3	1.6	.6	.2				78	78		
72/ 71					.2	.9	.9	1.6	2.4	2.3	3.7	1.5	.3					127	127		
70/ 69				.3	.6	.5	1.2	2.2	3.1	3.1	2.5	1.9						144	144		
68/ 67			.2	.8	.5	1.6	1.9	1.6	2.3	2.0	1.0	.2						113	113		
66/ 65		.1	.3	.6	.5	1.8	1.2	1.6	2.2	1.7	.2							103	103	5	
64/ 63		.7	.2	.3	.6	1.5	.9	.9	1.4	1.8	.1							75	75	33	4
62/ 61		.1	.1	.6	.7	.4	.4	1.3	.4	.4	.1							40	40	54	11
60/ 59		.1	.4	.6	.6	.3	.1	1.0	.2	.3								37	37	56	19
58/ 57		.2		.1	.3	.9	.1	.5	.1	.1								24	24	99	22
56/ 55		.1		.1	.1	.9	.5		.2									19	19	149	19
54/ 53		.1	.1	.2	.1	.3	.1											14	14	136	24
52/ 51		.1	.1		.1	.2												7	7	146	43
50/ 49						.1												1	1	104	66
48/ 47				.1														1	1	74	64
46/ 45				.1														2	2	39	66
44/ 43																				19	51
42/ 41																				10	61
40/ 39																				4	71
38/ 37																					67
36/ 35																					75
34/ 33																					74
32/ 31																					75
30/ 29																					39
28/ 27																					25
26/ 25																					27
24/ 23																					7
22/ 21																					2

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) AUG (MONTH)

PAGE 7 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
[illegible]																					7
[illegible]																					2
[illegible]																					1
TOTAL		.5	[illegible]	4.2	[illegible]	[illegible]	7.8	11.9	15.8	15.3	12.3	3.8	.0	1.1	.2			97C	93	97C	97C

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.	2697164	367[illegible]0	39.5	16.368	93C							
Dry Bulb	4388419	63613	68.4	6.330	93C			60.7	22.3	2.6		93
Wet Bulb	2689757	49801	53.5	4.969	93C							93
Dew Point	1630C84	37976	40.8	9.282	93C		18.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | HILL AFB UT STATION NAME | 74-83 YEARS | AUG MONTH

PAGE [illegible] 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
[illegible] / 82													.1	.1				2	2		
[illegible] / 81													.1					1	1		
[illegible] / 79										.1	.3	.3	.7		.1			[illegible]	[illegible]		
78 / 77								.1	.1	.3	.1	.2		.1	.1			10	10		
76 / 75									.9	.4	.8	.4	.1					24	24		
74 / 73						.1	.3	1.4	.8	1.0	1.2	.8						51	51		
72 / 71					.1	.4	1.0	1.6	1.0	1.8	1.7	.8	.3					82	82		
70 / 69			.1	.1	.8	.6	.5	1.1	1.4	2.8	2.1	.5						98	98		
68 / 67				.2	.5	.6	1.6	2.2	1.8	2.9	1.8							109	109		
66 / 65		.2	1.1	1.2	1.2	2.2	3.8	3.1	3.2	2.6	1.2							178	178	1	
64 / 63		.4	.2	.4	.9	1.9	2.4	1.8	2.4	1.4	.1							111	111	14	2
62 / 61		.1		.5	1.6	1.1	.5	1.3	1.5	.4								66	66	38	7
60 / 59			.1	1.2	.6	.3	.9	1.7	1.3	.2								58	58	66	4
58 / 57			.4	.6	.6	1.1	1.1	.6	.4									46	46	61	19
56 / 55		.1	.1	.2		1.1	.8	.1	.2									28	28	107	21
54 / 53		.2		.3	.2	.4	1.2											22	22	137	18
52 / 51		.2	.2	.1	.5	.8		.2										16	16	155	44
50 / 49		.1	.3		.3	.1	.1	.2										11	11	111	79
48 / 47					.1	.1												4	4	109	54
46 / 45				.1														3	3	65	69
44 / 43																				35	62
42 / 41																				18	53
40 / 39																				8	68
38 / 37																				5	76
36 / 35																					62
34 / 33																					71
32 / 31																					71
30 / 29																					62
28 / 27																					29
26 / 25																					27
24 / 23																					10
22 / 21																					2
20 / 19																					8
18 / 17																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
72575	HILL AFB UT	74-83	AUG

PAGE 2 — HOURS (L.S.T.) 0300-0500

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
TOTAL		1.0	2.0	5.2	7.4	10.7	14.7	15.5	14.0	14.0	9.5	3.0	.9	.2	.2			93.	93	93	93

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.	1992245	39709	42.7	6.298	930							
Dry Bulb	3997881	60703	65.3	6.197	930			38.7	8.8	.8		93
Wet Bulb	2542503	48389	52.0	5.163	930							93
Dew Point	1589230	37500	40.3	9.132	930		21.1					93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725725 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) AUG (MONTH)

PAGE 1 0600-0800 HOURS (L.S.T.)

Temp. (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
81/ 81												.1						1	1		
80/ 79										.1	.2	.3	.3					9	9		
79/ 77								.1	.6	.5	.2	.1	.1	.				17	17		
78/ 75						.1	.1	.3	.9	.8	.9	.6	.1					35	35		
77/ 73						.4	.2	1.5	.9	1.6	1.2	.5	.1					60	6		
76/ 71						.9	.2	1.9	1.5	1.1	1.1	.8						70	7		
75/ 69				.4	.2	1.4	1.0	1.5	1.9	1.9	1.7	.2	.1					97	97		
74/ 67			.1	.6	.8	1.4	2.2	2.8	2.5	2.4	1.1	.1						128	129		
73/ 65		.1	1.2	.4	.6	1.4	2.6	2.6	3.2	1.6	.5							134	134	4	
72/ 63		.1	.1	.3	1.1	2.5	1.8	1.9	2.4	1.7								116	116	21	
71/ 61		.1	.3	.5	1.2	2.0	1.7	1.5	1.6	.2								86	86	46	13
70/ 59		.1	.3	.4	.3	1.1	.6	1.7	.6	.3								52	52	67	14
69/ 57			.1	.1	.4	.6	1.4	1.3	.3									44	44	71	16
68/ 55			.1	.4		1.2	.4	.4	.2									33	33	124	29
67/ 53			.1	.2	.1	.4	.1	.3										17	17	129	26
66/ 51		.1	.1	.1	.4	.4	.1	.1										13	13	131	45
65/ 49			.4	.3	.3	.1	.2											13	13	120	66
64/ 47			.1		.2													4	4	82	70
63/ 45																				78	65
62/ 43				.														1	1	32	72
61/ 41																				15	64
60/ 39																				7	69
59/ 37																				3	74
58/ 35																					67
57/ 33																					65
56/ 31																					66
55/ 29																					41
54/ 27																					35
53/ 25																					17
52/ 23																					5
51/ 21																					5
50/ 19																					5
TOTAL		.6	4.1	4.8	5.8	13.9	13.8	17.6	16.7	12.3	6.9	2.8	.8	.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.	1974758	46414	43.5	15.337	930							
Dry Bulb	4029871	60905	65.5	6.246	930			91.7	12.2	.6		93
Wet Bulb	2588694	48819	52.5	5.345	930							93
Dew Point	1654961	38341	41.2	8.982	930		17.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: [illegible] HILL AFB UT — STATION NAME
YEARS: 74-83
MONTH: AUG
PAGE 1 — HOURS (L. S. T.): 0900-1100

Temp. (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
[illegible] / 97																.0	.1	2	2		
[illegible] / 3														.1		.1		2	2		
[illegible] / 87												.0	.1	.7	.2	.7	.1	11	11		
[illegible] / 87												.3	.5	.4	.4	.2		18	18		
[illegible] / 85										.1	.3	1.0	.9	.8	.4	.2		34	34		
[illegible] / 83									.2	.1	1.1	.9	1.1	2.6	1.2	.1		67	67		
[illegible] / 81									.0	1.1	1.7	1.3	2.5	1.4	.2			75	75		
[illegible] / 79							.4	.3	1.5	2.2	1.3	3.0	1.2	1.5				109	109		
[illegible] / 77							.1	.8	1.5	1.6	2.5	1.2	1.6	.2				88	88		
[illegible] / 75						.4	1.2	1.7	1.7	2.3	2.8	1.7	1.3					122	122		
[illegible] / 73					.3	.3	1.1	1.2	1.2	1.7	2.3	1.2	.2	.1				94	94		
[illegible] / 71					.4	.5	1.0	1.7	2.2	1.2	1.5	.2						82	82		
[illegible] / 69				.1	.3	.4	1.1	1.3	1.7	1.0	.9	.2						75	75	1	
[illegible] / 67			.1		.5	.8	.5	.9	.8	.6	.1	.1						42	42	8	
[illegible] / 65		.1		.1	.3	.8	.8	.6	.9	.3	.2							39	38		
[illegible] / 63				.1	.3	.3		.6	.3	.3								18	18	105	2
[illegible] / 61			.1		.1	.1	.1	.8	.2	.1								21	21	99	13
[illegible] / 59					.2	.4	.2		.2									11	11	185	27
[illegible] / 57			.1	.1	.1		.4											10	10	176	27
[illegible] / 55					.3	.1	.2											4	4	128	43
[illegible] / 53					.1													1	1	92	54
[illegible] / 51				.2	.1													4	4	64	62
[illegible] / 49				.1														1	1	34	74
[illegible] / 47																				19	74
[illegible] / 45																				19	73
[illegible] / 43																				2	89
[illegible] / 41																					84
[illegible] / 39																					66
[illegible] / 37																					47
[illegible] / 35																					62
[illegible] / 33																					51
[illegible] / 31																					37
[illegible] / 29																					17
[illegible] / 27																					5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] HILL AFB UT — 74-83 — AUG

STATION — STATION NAME — YEARS — MONTH

PAGE 2 — ~~0900-1300~~ HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
[illegible]																					8
[illegible]																					2
[illegible]																					1
TOTAL		.1	.3	2.2	3.7	4.5	7.1	9.9	11.5	12.4	15.2	11.3	9.4	7.4	2.5	1.0	.2		93[illegible]		93[illegible]
																		93[illegible]		93[illegible]	

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.	1360855	73133	35.6	13.921	93[illegible]							
Dry Bulb	5294558	69860	75.1	7.097	93[illegible]			82.3	62.2	26.6	.2	93
Wet Bulb	3694378	53868	57.5	4.683	93[illegible]			.9				93
Dew Point	1887858	41198	44.3	8.224	93[illegible]		7.0					93

USAFETAC FORM AW 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) AUG (MONTH)

PAGE 1 1200-1800 (HOURS (L.S.T.))

Temp. (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
100 / 97															.1		.1	2	2		
96 / 95														.1	.1	.2	.5	9	9		
92 / 92													.1	.2	.5	.7	1.5	25	25		
92 / 92													.1	.5	1.2	1.6	1.2	43	43		
90 / 89												.3	.3	1.1	1.6	1.9	1.5	63	63		
88 / 87											.3	.6	.9	2.4	2.6	2.4	1.7	101	101		
86 / 85									.2	.1	.8	1.2	2.2	2.5	2.5	2.0		106	106		
84 / 83								.1	.2	.3	1.7	2.9	1.1	3.3	1.2	.6		107	107		
82 / 81								.5	.4	1.2	1.5	1.9	2.6	1.7	1.0	.2		99	99		
80 / 79						.1		1.0	1.1	.9	1.9	2.2	2.2	1.5	.1			101	102		
78 / 77							.4	.8	1.4	1.5	1.2	1.1	1.6	.7	.1			78	78		
76 / 75						.7	.4	1.0	.6	.8	1.6	1.0	.2	.2	.1			58	58		
74 / 73						.2	.3	.8	.1	.5	.6	.5	.1					30	30		
72 / 71					.4	.2	.1	.5	.2	.3	.2	.3	.1					25	25	1	
70 / 69						.7	.1	.3	.6		.7	.4						20	20	7	
68 / 67			.2	.1		.2	.1		.4	.2								12	12	19	
66 / 65		.2	.1		.2	.1		.2	.3									11	11	65	1
64 / 63		.1	.2	.1			.1	.5	.2									13	13	117	5
62 / 61					.1	.1	.1	.7	.1									7	7	160	13
60 / 59					.2		.2	.1										6	6	179	31
58 / 57				.1	.1	.2	.1											5	5	170	36
56 / 55		.1			.1													2	2	84	29
54 / 53				.2														3	3	62	49
52 / 51					.1													1	1	20	44
50 / 49																				25	54
48 / 47																				16	99
46 / 45																				2	66
44 / 43																					68
42 / 41																					79
40 / 39																					80
38 / 37																					72
36 / 35																					69
34 / 33																					49
32 / 31																					41

WET BULB TEMPERATURE DEPRESSION (F)

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

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

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

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) AUG (MONTH)

PAGE 2 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
[illegible] / 29																					2[illegible]
[illegible] / 27																					2[illegible]
[illegible] / 25																					8
[illegible] / 23																					3
[illegible] / 21																					2
[illegible] / 19																					2
TOTAL		.4	.5	.6	1.5	1.9	2.2	5.9	6.3	5.8	10.4	12.5	11.4	13.5	11.1	9.4	6.6	927	93	927	927

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.	5033166	26156	28.2	13.363	927							
Dry Bulb	6209697	75669	81.4	7.605	930			88.0	82.3	61.5	3.6	93
Wet Bulb	3270738	54916	59.2	4.385	927			2.7				93
Dew Point	1789609	39988	43.1	8.875	927		10.3					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

725755 — STATION
HILL AFB UT — STATION NAME
74-83 — YEARS
AUG — MONTH

PAGE 1 — 15°C-17°C HOURS (L. S. T.)

Temp. (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
98/ 97																	.4	4	4		
96/ 95															.6	.6	1.5	26	26		
94/ 93														.2	.3	.8	2.6	45	45		
92/ 91													.2	.8	.6	1.4	2.8	54	54		
90/ 89													.5	.9	2.[illegible]	1.8	4.4	95	95		
88/ 87										.2	.2	.6	.5	1.9	2.8	3.6	2.4	105	105		
86/ 85									.1	.3	.1	1.3	2.0	2.3	5.4	1.4	.1	121	121		
84/ 83									.3	.1	1.8	2.0	2.0	2.2	2.5	.3		105	105		
82/ 81						.3		.1	.3	1.3	1.2	1.9	1.5	2.3	1.5	.1	.1	98	98		
80/ 79							.1	.5	.3	.5	1.4	1.2	1.9	2.0	.3	.2		80	80		
78/ 77						.3	.3	.2	.8	1.3	.6	1.0	.6	1.2	.1			59	59		
76/ 75						.1		.2	.5	.6	.4	.4	.1	.4				27	27		
74/ 73							.1	.2	.2	.5	.4	.5	.3					24	24		
72/ 71				.1	.1	.1	.2	.3	.3	.3	.1	.2	.2					23	23	2	
70/ 69				.6	.7	.1	.1	.3		.3	.3							19	19	9	
68/ 67			.1	.1	.2	.4		.1	.2	.2	.1							15	16	20	1
66/ 65		.1					.1	.3	.2	.7	.1							11	11	58	1
64/ 63			.1			.1	.3	.1	.3									9	9	97	7
62/ 61			.1			.1	.1	.4										10	10	157	13
60/ 59					.1		.1											3	3	180	13
58/ 57																				179	14
56/ 55		.1				.1												4	4	105	24
54/ 53					.1													2	2	56	47
52/ 51																				34	43
50/ 49																				17	54
48/ 47																				13	54
46/ 45																				2	64
44/ 43																					72
42/ 41																					71
40/ 39																					66
38/ 37																					73
36/ 35																					81
34/ 33																					65
32/ 31																					81

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) AUG 64 REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) AUG (MONTH)

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

Temp. (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
[illegible]																					40
[illegible]																					32
[illegible]																					8
[illegible]																					2
[illegible]																					7
[illegible]																					1
[illegible]																					2
TOTAL	.	.	.0	.0	.9	1.1	1.7	1.8	2.9	3.7	6.0	7.1	9.3	16.1	14.1	16.7	10.2	13.3		93	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.	7711[illegible]	23575	25.8	13.648	929							
Dry Bulb	6445869	77096	82.9	7.673	930			89.1	83.3	69.3	7.0	93
Wet Bulb	3257636	54868	59.1	9.287	929			3.3				93
Dew Point	1655718	38320	41.2	8.994	929		17.3	.1				93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) AUG (MONTH)

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (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
96/ 95																	.7	3	3		
94/ 93															.7		.6	9	9		
92/ 91													.1	.5	.2	.2	1.2	21	21		
9 / 89												.1	.5	.3	.5	.8	1.2	29	29		
88/ 87										.1		.4	.8	.8	2.0	1.4	1.4	64	64		
86/ 85										.1	.3	.9	1.2	1.7	1.6	1.5	.1	69	69		
84/ 8									.2		.2	1.0	1.7	3.0	1.7	.1		80	80		
8 / 8								.1	.3	.9	1.0	2.3	2.7	1.7	1.4			98	98		
8 / 7						.1		.5	.5	1.3	1.4	2.8	1.8	1.9	.4			101	101		
76/ 77						.2	.2	.6	1.6	1.1	1.6	2.2	1.6	.8	.1	.2		94	94		
7 / 7						.1	.2	.8	1.3	1.3	2.2	1.8	1.0	.3				86	86		
74/ 7					.2	.1	.6	1.1	.9	.9	1.0	1.0	.5	.2				60	60		
7 / 7				.1	.1	.1	1.2	1.2	.5	1.3	.8	.9	.1					58	58		
7 / 6				.1	.2	.2	.9	.5	.9	1.0	.5	.1		.1				51	51	2	
6 / 67			.5	.1	.3	.2	.3	.2	.5	.9	.1							33	33	15	
/ 65		.1	.2		.5	.2	.1	.5	.5	.2	.4							27	27	40	1
/ 63			.1	.2	.1	.2	.2	.2	.1	.1								12	12	76	2
/ 61						.2	.1	.1										9	9	107	21
/ 59				.1	.1	.5	.5	.1										14	14	168	14
58/ 57		.1		.1		.2	.1	.2										8	8	188	14
56/ 55			.1			.2												3	3	171	39
54/ 53					.1													1	1	88	38
52/ 5																				60	63
5 / 49																				81	5
48/ 47																				14	51
46/ 45																				10	62
44/ 43																					59
42/ 41																					77
4 / 39																					96
38/ 37																					73
36/ 35																					67
34/ 33																					61
3 / 31																					56
3 / 29																					35

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 75 F	≤ 80 F	≤ 90 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

[illegible]755 HILL AFB UT 74-83 AUG
STATION STATION NAME YEARS 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	Wet Bulb	Dew Point
[illegible]/ 27																					[illegible]3
[illegible]/ 25																					[illegible]5
[illegible]/ 23																					1
[illegible]/ 2[illegible]																					4
[illegible]/ 15																					2
[illegible]/ 13																					[illegible]
TOTAL		.7	1.1	1.1	1.7	3.9	4.7	6.7	7.4	9.0	10.2	13.3	12.0	11.4	8.4	3.9	4.3	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.	1072519	28419	30.6	14.822	930							
Dry Bulb	5719341	72549	78.[illegible]	7.682	930			85.6	71.4	43.2	1.2	93
Wet Bulb	3108927	53609	57.6	4.485	930			1.7				93
Dew Point	1716653	39069	42.[illegible]	9.008	930		14.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	HILL AFB UT	74-83	AUG

PAGE 1 — HOURS (L.S.T.) 2100-2300

Temp. (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
100/ 97											.1	.1						2	2		
95/ 95												.1	.4	.5	.2			12	12		
90/ 93									.1	.1	.3	.4	.1	.3	.5			18	18		
85/ 91								.2		.2	.9	1.0	1.1	.9	.2			41	41		
80/ 79							.1	.2	.3	.9	.3	1.4	1.4	.8	.1			52	52		
75/ 77							.2	.3	.8	.9	1.5	1.6	2.6	.8	.3			83	83		
70/ 75					.1	.1	.3	.5	1.3	2.3	2.2	3.3	2.0	.9				121	121		
65/ 71						.1	.5	1.1	1.4	2.9	2.0	2.9	1.4					117	117		
60/ 71					.4		.9	1.9	1.7	1.9	3.2	1.7	.1					111	111		
55/ 69			.1	.1	.5	1.0	1.5	.5	2.0	1.7	1.7	.4		.1				97	97		
50/ 67		.1	.2	.2	.9	.2	1.1	1.3	.9	1.1	1.3	.5	.1					73	73	7	
45/ 65		.8	.5	.1	.5	1.2	.3	.9	1.9	.6	.3							67	67	17	4
40/ 63			.1	.4	1.2	.6	1.0	.3	1.4	.5	.3	.1						58	58	46	7
35/ 61		.1		.2	.3	.2	.8	.3	.4	.1	.1							24	24	49	10
30/ 59			.1	.2	.2	.4	.1	.3		.1								16	16	88	22
25/ 57				.4		.6	.6	.1										16	16	130	15
20/ 55			.1	.2		.5	.3	.1										12	12	152	17
15/ 53		.2		.1	.2		.1											6	6	137	35
10/ 51					.1													1	1	147	49
5/ 49				.1														2	2	77	58
0/ 47				.1														1	1	42	67
-5/ 45																				23	54
-10/ 43																				11	50
-15/ 41																				4	66
-20/ 39																					84
-25/ 37																					60
-30/ 35																					92
-35/ 33																					73
-40/ 31																					59
-45/ 29																					38
-50/ 27																					28
-55/ 25																					19
-60/ 23																					10
-65/ 21																					8

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_n	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

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

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

STATION	STATION NAME	YEARS	MONTH
23255	HILL AFB UT	74-83	AUG

PAGE 2 ~~2300-2300~~ 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
[illegible]																					3
[illegible]																					3
[illegible]																					2
[illegible]																					1
TOTAL		.7	[illegible]	[illegible]	4.8	5.7	8.1	8.4	12.3	13.3	14.3	13.7	9.2	4.7	1.4			97[illegible]	93[illegible]	93[illegible]	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
Ref. Hum.	1454144	33568	36.1[illegible]	6.147	930							
Dry Bulb	4807185	66581	71.6	6.602	930			72.7	44.6	9.8		93
Wet Bulb	2824262	51068	54.9	4.869	930			.7				93
Dew Point	1653861	38229	41.1	9.918	930		16.7					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

STATION	STATION NAME	YEARS	MONTH
725755	HILL AFB UT	74-83	AUG

PAGE 2

HOURS (L. S. T.): ALL

Temp. (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
98/ 97															.0		.1	6	6		
96/ 95														.0	.1	.1	.3	38	38		
94/ 93													.0	.1	.2	.1	.6	76	76		
92/ 91													.1	.2	.3	.4	.6	121	121		
90/ 89												.1	.2	.3	.6	.6	.9	193	193		
88/ 87										.0	.1	.3	.2	.7	1.0	.9	.6	291	291		
86/ 85									.0	.1	.2	.6	.8	1.0	1.3	.6	.0	344	344		
84/ 83							.0	.1	.1	.1	.7	.9	.8	1.5	.9	.1		383	383		
82/ 81						.0		.1	.1	.6	.8	1.1	1.4	.9	.5	.0	.0	421	421		
80/ 79						.0	.1	.3	.5	.8	1.0	1.5	1.2	1.0	.2	.0		495	496		
78/ 77						.1	.2	.4	1.0	1.0	1.0	1.1	1.1	.4	.1	.0		472	472		
76/ 75					.0	.2	.3	.6	1.0	1.2	1.5	1.3	.7	.2	.1			527	527		
74/ 73					.1	.3	.4	1.0	.9	1.3	1.4	1.1	.4	.1				514	514		
72/ 71				.0	.3	.3	.7	1.4	1.2	1.3	1.5	.8	.1					578	578	1	
70/ 69			.0	.4	.4	.7	.8	1.0	1.5	1.5	1.3	.5	.0	.0				671	671	19	
68/ 67		.0	.3	.3	.5	.6	1.0	1.1	1.2	1.3	.7	.1	.0					525	526	69	1
66/ 65		.1	.5	.3	.5	.9	1.1	1.2	1.6	.9	.4							570	572	228	8
64/ 63		.1	.2	.3	.5	.9	.8	.8	1.1	.7	.1	.0						412	509	509	29
62/ 61		.1	.1	.2	.5	.6	.5	.8	.5	.2	.0							263	263	710	100
60/ 59		.0	.1	.3	.3	.4	.4	.6	.3	.1								197	197	951	134
58/ 57		.1	.1	.3	.2	.5	.5	.3	.1	.0								153	153	1074	164
56/ 55		.1	.1	.1	.1	.5	.1	.1	.1									105	105	970	221
54/ 53		.1	.0	.0	.1	.2	.2	.0										66	66	837	284
52/ 51		.1	.1	.0	.2	.1	.0	.0										42	42	757	392
50/ 49		.0	.0	.1	.1	.0	.0	.0										29	29	529	501
48/ 47			.0	.0	.1	.0												10	10	369	533
46/ 45				.0														5	5	238	519
44/ 43				.0														1	1	99	522
42/ 41																				47	555
40/ 39																				19	607
38/ 37																				8	555
36/ 35																					575
34/ 33																					510
32/ 31																					486

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

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

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

STATION: 725755 STATION NAME: HILL AFB UT YEARS: 74-82 MONTH: AUG

PAGE 2 HOURS (L. S. T.): ALL

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
7/ 23																					295
6/ 27																					256
6/ 25																					130
24/ 27																					38
6/ 21																					28
7/ 19																					26
1/ 17																					8
1/ 15																					7
4/ 13																					2
TOTAL		.8	1.7	2.7	3.8	6.5	7.5	9.9	11.2	13.0	10.7	9.3	7.2	6.5	5.1	3.0	3.1		7440		7436
																		7436		7436	

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	≤ 92 F	Total
Rel. Hum.	111757C6	261670	35.2	6.268	7436							
Dry Bulb	4C8828C9	546971	73.5	9.996	7440			558.6	388.1	219.9	12.0	744
Wet Bulb	23378895	414933	55.8	5.506	7436			9.1				744
Dew Point	13577969	310581	41.8	9.027	7436		122.7	.1				744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72755 — STATION
HILL AFB UT — STATION NAME
74-83 — YEARS
SEP — MONTH

PAGE 1
0000-2200 HOURS (L. S. T.)

Temp. (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
8 / 79											•		•2					3	3		
78 / 77										•2	•2		•2					6	6		
76 / 75								•1		•1	•4	•4						10	10		
74 / 73								•2	•6	•4	•4	•1						16	16		
72 / 71						•7	•3	•2	•3	•8	1.0	•8						31	31		
70 / 69							•[illegible]	•2	•4	1.7	1.6	•1						41	41		
68 / 67						•[illegible]	•2	1.0	1.1	1.7	1.4	•1						51	51		
66 / 65						1.1	•8	1.0	2.0	1.7	1.1							71	71		
64 / 63			•2	•7	•3	•8	1.2	2.2	3.1	2.3	•2							100	100		
62 / 61		•1	•6	1.[illegible]	1.3	1.5	2.0	2.9	2.7	1.1	•3							122	122	6	
60 / 59		•1	•3	•7	•9	1.2	2.1	2.6	2.3	•3								95	95	9	
58 / 57			•1	•4	1.1	1.4	2.3	2.8	1.2	•3								88	88	31	4
56 / 55			•1	•8	•7	1.1	1.3	2.8	1.1									75	75	47	8
54 / 53		•1	•2	•2	1.1	1.3	1.7	•6	•6									49	49	70	16
52 / 51				•3	•9	1.7	1.1	•8	•2									44	44	81	9
50 / 49		•3	•1	1.3	•8	•6	•4	•2										34	34	138	24
48 / 47			•2	•6	•4	•2	•4											21	21	125	35
46 / 45		•2		•[illegible]		•1	•1											6	6	121	41
44 / 43		•1	•3		•2	•3	•4											13	13	110	31
42 / 41		•1	•4	•1	•3	•1	•1											11	11	73	43
40 / 39			•2	•2														5	5	41	74
38 / 37			•3															7	7	12	74
36 / 35			•2															2	2	16	82
34 / 33																				14	81
32 / 31																				6	103
30 / 29																					74
28 / 27																					62
26 / 25																					45
24 / 23																					29
22 / 21																					23
20 / 19																					15
18 / 17																					17
16 / 15																					7
14 / 13																					1

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb							
Wet Bulb							
Dew Point							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
22[illegible]65	HILL AFB UT	74-83	SEP

PAGE 3 — HOURS (L. S. T.) 0000-0200

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
[illegible]																					2
TOTAL		1.1	4.2	6.6	8.1	7.0	15.0	17.6	15.7	10.6	7.[illegible]	1.6	.4						9[illegible]		9[illegible].0
																		9[illegible]0		9[illegible]0	

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.	1778355	37849	81.6	15.647	900							90
Dry Bulb	3273963	53699	59.8	7.610	900			15.7	3.5	.1		90
Wet Bulb	2047722	42632	47.4	5.610	900		.6					90
Dew Point	1156059	33368	38.8	8.632	900		37.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	HILL AFB UT	74-83	SEP

PAGE 1 — HOURS (L. S. T.) 0300-0500

Temp. (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
[illegible] / 75									.1	.2	.1	.2						6	6		
[illegible] / 73							.1	.1	.1	.2	.6							12	12		
[illegible] / 71								.1	.2	.1	.1							5	5		
[illegible] / 69						.1	.7	.2	.3	.8	.7	.1						23	23		
[illegible] / 67					.1	.5	.7	.2	1.1	.9	.7							32	32		
[illegible] / 65					.1	.4	.1	1.2	.1	1.2	.3							43	43		
[illegible] / 63				.1	.2	.5	1.7	1.3	.2	.2	.1							74	74	1	
[illegible] / 61		.1	.4	.4	1.8	.4	1.6	2.0	2.4	.2								94	94	2	
[illegible] / 59		.3	.3	1.3	1.4	1.[illegible]	3.1	3.7	2.0	.1								120	120	10	
[illegible] / 57		.3	.4	.6	1.4	2.3	2.2	2.7	1.2									99	99	21	2
[illegible] / 55		.3	.2	.8	1.2	2.3	3.1	2.1	.6									94	94	31	1
[illegible] / 53				.3	1.[illegible]	2.3	2.2	2.5	.6									76	76	51	10
[illegible] / 51		.3	.2	.2	.8	1.7	2.[illegible]	1.6										60	60	82	17
[illegible] / 49			.1	1.1	1.4	1.2	.9	.6										47	47	96	25
[illegible] / 47		.3	.6	.6	.2	1.3	.4	.3										41	41	119	25
[illegible] / 45		.3	.6	.9	.4	.3	.6											27	27	121	33
[illegible] / 43		.3	.4		.1	.2	.1											11	11	120	27
[illegible] / 41		.3	.3		.2	.3	.1											10	10	100	49
[illegible] / 39		.3	.4	.3	.4	.2												14	14	58	67
[illegible] / 37		.3	.3			.1												9	9	41	89
[illegible] / 35			.1															2	2	16	71
[illegible] / 33			.1															1	1	19	65
[illegible] / 31																				8	122
[illegible] / 29																				4	66
[illegible] / 27																					49
[illegible] / 25																					49
[illegible] / 23																					43
[illegible] / 21																					26
[illegible] / 19																					18
[illegible] / 17																					12
[illegible] / 15																					10
[illegible] / 13																					1
[illegible] / 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

[illegible] (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) SEP (MONTH)

PAGE [illegible] [illegible] (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
TOTAL		7.1	5.[illegible]	6.6	12.0	15.2	19.1	18.1	12.7	6.[illegible]	2.2	.3						9[illegible]0	9[illegible]	9[illegible]0	9[illegible]0

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.	2004124	40174	44.6	15.318	900							
Dry Bulb	2979168	51358	57.1	7.341	900			7.8	1.8			90
Wet Bulb	1930006	41348	45.9	5.814	900		1.2					90
Dew Point	1129112	30916	34.4	8.640	900		39.7					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

[illegible] HILL AFB UT 74-83 SEP
STATION STATION NAME YEARS MONTH

PAGE 1 [illegible]
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
[illegible]										.1								1	1		
[illegible]											.1							1	1		
[illegible]							.1	.1		.3	.1							6	6		
[illegible]						.1	.1	.1	.3	.2	.2							11	11		
[illegible]					.1		.6		.8	.7	.3							22	22		
[illegible]					.1	.2	.7	.4	1.6	.1	.1							29	29		
[illegible]					.2	.3	.7	1.2	1.6	1.0								42	42		
[illegible]					.8	.9	1.3	1.6	1.3	1.1	.2							64	64		
[illegible]		.1	.3	.4	1.3	.8	1.7	1.8	1.8	.9								82	82	6	
[illegible]		.7	.8	.7	1.9	1.1	2.2	3.0	2.2	.2								115	115	8	1
[illegible]	.1	.2	.3	.2	.9	2.6	3.4	2.3	.9									99	99	20	7
[illegible]		.3	.2	.8	1.1	2.[illegible]	2.8	2.2	.6									90	90	42	9
[illegible]			.6	.8	1.2	2.2	2.2	1.6	.3									80	80	48	8
[illegible]			.2	.4	1.1	3.[illegible]	1.3	1.9										72	72	80	24
[illegible]		.2		1.3	1.3	1.9	.8	.8										56	56	82	15
[illegible]		.1	.6	1.1	.9	.8	1.3	.3										46	46	101	36
[illegible]		.2	.8	.6	.9	.7	.1											29	29	133	37
[illegible]		.2	.6	.3	.6	.4	.1											22	22	107	24
[illegible]		.1	.4	.1	.2	.3												11	11	110	42
[illegible]				.8		.1												8	8	69	73
[illegible]			.7	.1	.2	.2												11	11	38	87
[illegible]			.3		.1													3	3	25	84
[illegible]																				19	70
[illegible]																				7	97
[illegible]																				3	93
[illegible]																				2	48
[illegible]																					45
[illegible]																					42
[illegible]																					25
[illegible]																					19
[illegible]																					7
[illegible]																					12
[illegible]																					7
[illegible]																					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 AR 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) SEP (MONTH)

PAGE 2 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	.	2.2	5.7	7.7	13.0	17.6	19.3	17.3	11.3	4.7	1.1							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.	2127336	41526	46.1	15.332	900							
Dry Bulb	2915224	50798	56.4	7.347	900			7.0	.8			90
Wet Bulb	1919357	41200	45.8	6.045	900		1.2					90
Dew Point	1153401	31221	34.7	8.896	900		38.3					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

72575 — STATION
HILL AFB UT — STATION NAME
74-83 — YEARS
SEP — MONTH

PAGE 1 — 0900-1500 HOURS (L. S. T.)

Temp. (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
86/ 85													.1	.1				2	2		
84/ 82											.1	.2	.1	.1	.2			7	7		
82/ 81										.1	.3	.6	.4	.2	.1			17	17		
80/ 79									.2	.2	.7	.9	.4	.7				28	28		
78/ 77									.3	.4	.6	1.1	.4					36	36		
76/ 75						.1		.4	.3	.6	1.8	1.4	.8					49	49		
74/ 73							.1	.6	.9	2.0	1.7	1.3	.4					60	60		
72/ 71							.1	.8	1.6	1.2	2.0	1.8	.1					68	68		
70/ 69					.1	.6	.8	.9	2.7	2.1	2.0	.2						84	84		
68/ 67						.7	1.4	1.4	2.3	1.4	1.7	.1						82	82		
66/ 65				.1	.3	1.2	.8	1.8	2.3	1.1	1.2							80	80	1	
64/ 63			.1	.6	.2	1.6	1.0	2.3	2.0	1.0	.4							83	83	8	
62/ 61		.2	.7	.6	.3	.9	1.3	.9	2.1	1.0	.1							73	73	70	
60/ 59		.1	.1	.1	.6	.3	1.8	1.7	1.1	.9								59	59	44	1
58/ 57	.	.1	.2	.2	.1	1.0	.6	1.2	1.0	.3								44	44	72	6
56/ 55			.4	.1	.3	.7	1.0	.6	.7									34	34	109	14
54/ 53				.1	.9	.9	.4	.7	.3									26	26	125	16
52/ 51		.1	.1	.3	.6	.4	.3	.2										19	19	114	32
50/ 49		.1	.4	.7	.4	.6		.3										23	23	112	26
48/ 47			.4	.2	.3	.3	.1	.1										14	14	84	49
46/ 45			.1	.4	.1	.2	.1											9	9	73	56
44/ 43			.1	.3	.1													5	5	61	57
42/ 41		.1		.1	.2													4	4	34	75
40/ 39	.1		.1															2	2	23	83
38/ 37	.1																	1	1	11	95
36/ 35	.																			6	78
34/ 33																				3	66
32/ 31																					92
30/ 29																					53
28/ 27																					37
26/ 25																					18
24/ 23																					21
22/ 21																					23
20/ 19																					11

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] HILL AFB UT — STATION / STATION NAME
74-83 — YEARS
SEP — MONTH

PAGE 2 — 0900-1100 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																					[illegible]
[illegible]																					[illegible]
TOTAL	[illegible]	[illegible]	2.9	3.9	4.7	9.4	9.9	13.4	17.9	12.4	12.2	7.7	3.0	[illegible]	.3			[illegible]	[illegible]	900	[illegible]

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.	1533628	34526	38.4	15.252	900							
Dry Bulb	3913597	58834	65.4	8.668	900			42.8	19.0	3.8		900
Wet Bulb	2352669	45722	50.8	5.766	900							900
Dew Point	1333785	33805	37.6	8.480	900		26.3					900

USAFETAC FORM AS 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] HILL AFB UT — 74-83 — SEP

STATION — STATION NAME — YEARS — MONTH

PAGE — 12°C-18.9°C HOURS (L.S.T.)

Temp. (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
[illegible] / 9[illegible]															.1	.1	.1	3	[illegible]		
[illegible] / 8[illegible]														.1	.6	.2		[illegible]	[illegible]		
[illegible] / 8[illegible]												.1	.2	.3	.4	.9	.1	[illegible]	[illegible]		
[illegible] / 8[illegible]											.1	.4	.6	.7	.9	.7		[illegible]	[illegible]		
[illegible] / 8[illegible]											.1		1.4	1.5	1.9	.1		41	41		
[illegible] / 8[illegible]										.1	.1	1.1	2.0	2.2	.7			6[illegible]	6[illegible]		
[illegible] / 7[illegible]									.1	.4	1.7	2.0	1.4	2.5	.1			67	67		
7[illegible] / 77									.6	1.3	1.0	2.3	1.7	2.1	.1			82	82		
[illegible] / 7[illegible]						.1			.3	1.3	2.3	3.2	2.8	.7				97	97		
[illegible] / 7[illegible]						.1		.3	.9	1.6	1.9	1.6	1.2	.3				71	71		
[illegible] / 7[illegible]						.4	.1	.8	2.2	1.9	1.8	1.2	.8					83	83		
[illegible] / 69					.2	.1	.6	.6	.7	2.0	1.3	.9						57	57		
[illegible] / 67				.1		.3	.4	.9	1.7	1.3	1.4	.4						6[illegible]	6[illegible]		
[illegible] / 65				.3		.6	.6	.7	1.9	1.1	.4							49	4[illegible]	5	
[illegible] / 6[illegible]			.4	.7	.2	.2	.2	.8	.2	.4	.7							35	35	17	
[illegible] / 6[illegible]			.1	.1	.2	.1	.3	.8	.6	.6	.2							27	27	38	
[illegible] / 59		.1	.3	.2		.7	.6	.7	.6	.1								25	25	94	2
[illegible] / 57			.4				.3	.7										13	13	134	11
54 / 55			.1		.2	.7	.2	.6	.4									21	21	145	5
54 / 53				.1	.4	.2	.2	.2										14	14	129	17
[illegible] / 5[illegible]			.1	.2	.4		.1											10	10	111	24
5[illegible] / 4[illegible]			.1	.2	.4		.1											9	9	75	35
4[illegible] / 47			.1	.1	.1	.1												8	8	54	36
4[illegible] / 45			.1	.1		.1												4	4	42	52
44 / 47		.1		.1	.2													4	4	30	63
[illegible] / 4[illegible]																				14	73
4[illegible] / 7[illegible]																				12	9[illegible]
36 / 37																					85
36 / 3[illegible]																				3	9[illegible]
34 / 33																					64
3[illegible] / 31																					9[illegible]
3[illegible] / 29																					42
28 / 27																					41
26 / 25																					32

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) 80 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
72755	HILL AFB UT	74-83	SEP

PAGE 2 ~~1200-1400~~ HOURS (L. S. T.)

Temp. (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
[illegible] 27																					5
[illegible] 2																					18
[illegible] 16																					[illegible]
[illegible] 22																					1
TOTAL		.7	2.5	2.6	2.8	3.7	3.4	6.9	10.1	17.5	13.1	13.5	12.1	9.5	4.2	2.3	.4	899	9.[illegible]	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.	1072674	28178	31.2	14.763	899							
Dry Bulb	4755893	64881	72.1	9.352	900			68.1	48.0	19.8		90
Wet Bulb	2602106	48132	53.5	5.291	899							90
Dew Point	1325145	33867	37.7	8.127	899		25.2					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

72755 — STATION | HILL AFB UT — STATION NAME | 74-82 — YEARS | SEP — MONTH

PAGE 1 | 1500-17[illegible] — HOURS (L. S. T.)

Temp. (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
[illegible] / 97																	.1	1	1		
[illegible] / 91																	.4	4	4		
[illegible] / 96															.1	1.5	.9	18	18		
100 / 87													.4		.9	1.2	.4	28	28		
98 / 93											.1	.4	.1	.2	1.2	1.0	.3	31	31		
96 / 87											.1	.6	.7	1.0	2.0	.1		45	45		
[illegible] / 9[illegible]										.1	.	1.2	2.7	3.6	1.4	.1		74	74		
[illegible] / 79										1.0	.6	2.3	3.1	2.7	.8			94	94		
76 / 77							.1			.4	.7	1.9	2.2	2.3	1.2			80	8[illegible]		
78 / 75								.2	.9	1.7	1.3	1.9	1.9	.7	.1			78	78		
74 / 77							.2	.9	.8	1.7	2.4	1.6	1.1	.9				87	87		
[illegible] / 7[illegible]					.1	.1	.3	.1	1.3	.9	1.3	2.1	.7					64	64		
[illegible] / 69				.1	.2	.1	.2	1.0	1.2	1.6	1.4	1.2	.2					66	66		
68 / 67							.7	1.0	1.4	.9	1.0	.3						47	47		
66 / 65			.1	.4	.3	.4	.3	.6	.8	.3	.2	.2						39	39	4	
64 / 67			.1	.1	.2	.1	.4	.6	.6	.7	.6	.1						33	33	12	
62 / 6[illegible]			.1	.3			.1	.6	.4	.1								15	15	42	3
[illegible] / 59				.1	.2	.1	.6	1.1	.6									24	24	87	1
60 / 57			.1	.1	.3	.7	.6	.7	.3									22	22	128	7
58 / 55	.1		.2			.3	.3	.3	.1									13	13	162	9
[illegible] / 53	.1			.1	.1	.1	.3	.2	.3									12	12	125	9
[illegible] / 51	.1		.3	.3		.2												9	9	117	32
[illegible] / 49				.4	.1	.1												6	6	79	25
46 / 47			.1			.2												4	4	45	35
44 / 4[illegible]			.6	.1														6	6	49	49
38 / 41	.1		.1		.3													5	5	2[illegible]	36
42 / 41																				18	67
[illegible] / 39																				8	76
38 / 37																				1	85
[illegible] / 35																				3	1[illegible]1
34 / 33																					65
32 / 31																					93
[illegible] / 29																					45
26 / 27																					57

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

72755 — STATION
HILL AFB UT — STATION NAME
74-83 — YEARS
SEP — MONTH

PAGE 2 — 1500-1700 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
[illegible]																					39
[illegible]																					22
[illegible]																					24
[illegible]																					13
[illegible]																					6
[illegible]																					1
[illegible]																					2
TOTAL		4.0	2.1	2.2	2.1	2.2	4.3	7.2	3.8	9.2	10.6	13.8	13.1	10.3	7.8	3.6	2.2		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.	9745.5	26289	29.2	5.160	900							
Dry Bulb	490770	65911	73.2	9.936	900			71.2	53.5	25.0	.1	90
Wet Bulb	260776	48222	53.6	5.164	900							90
Dew Point	328663	32893	36.5	8.536	900		30.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
3[illegible]756	HILL AFB UT	74-83	SEP

PAGE 1 — HOURS (L. S. T.) 1800-2000

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
[illegible] / 85																	.1	1	1		
86 / 83															.3	.2		5	5		
86 / 85															.3	.7		6	6		
84 / 83											.1		.1	.7	1.1	.2		2[illegible]	2[illegible]		
[illegible] / [illegible]												.1	.7	.9	.2			16	16		
[illegible] / 79									.1	.3	.2	1.3	.8	1.4	.2			4[illegible]	4[illegible]		
78 / 77								.3	.3	.2	1.2	1.7	1.1	.4	.1			49	49		
[illegible] / 7[illegible]								.2	.3	.8	1.4	2.6	1.3	.4				65	65		
74 / 7[illegible]							.1	.4	1.0	1.6	2.2	1.4	.7					67	67		
[illegible] / 7[illegible]					.1		.3	.7	1.2	1.8	1.6	1.2	.7					65	65		
7[illegible] / 69				.1	.3	.2	.5	1.1	1.6	2.8	1.8	1.0	.2					90	90		
[illegible] / 67					.2	.6	.7	1.4	1.9	2.2	2.0	.6	.1					87	87		
66 / 65				.2	.8	.7	1.4	1.3	2.8	2.0	1.2	.3						94	94		
64 / 63			.4	.2	.3	.6	.7	1.1	1.3	1.0	.4	.1						56	56	8	
[illegible] / 61		.1	.1	.1	.6	.6	1.7	1.7	1.3	.8	.1							63	63	14	
[illegible] / 59			.1	.1	.1	.2	1.4	.9	.6	.1								41	41	44	1
[illegible] / 57				.3	.4	.1	.9	.8	.6									28	28	95	8
56 / 55			.2		.2	1.0	.4	.8	.1									29	29	114	11
54 / 53					.4	.2	.7	.4	.2									18	18	123	14
[illegible] / 51	.1		.3	.1	.4	.3	.3	.1										16	16	121	25
5[illegible] / 49		.1	.7	.3		.2	.2	.1										15	15	132	23
[illegible] / 47					.3	.2	.1											7	7	90	41
[illegible] / 45			.6	.2	.2		.2											11	11	63	36
44 / 43		.1		.2	.1													4	4	37	58
[illegible] / 4		.1	.1															2	2	26	61
[illegible] / 39	.1	.1	.1															4	4	18	90
[illegible] / 37		.1																1	1	9	83
36 / 35																				5	99
34 / 33																				1	70
[illegible] / 3[illegible]																					100
[illegible] / 29																					51
28 / 27																					39
26 / 25																					32
24 / 23																					21

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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: [illegible] | STATION NAME: HILL AFB UT | YEARS: 74-83 | MONTH: SEP

PAGE 2 | HOURS (L.S.T.): ~~1800-2000~~

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
[illegible]																					2
[illegible]																					7
[illegible]																					4
[illegible]																					7
[illegible]																					1
TOTAL	.5	.7	3.1	2.1	4.7	5.6	10.0	11.6	13.3	13.2	12.3	10.3	5.7	3.8	2.3	.8	.1	90	90	90	90

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.	1369651	31981	35.5	5.933	90							
Dry Bulb	816[illegible]	6[illegible]658	67.4	8.994	90							90
Wet Bulb	2470116	46226	51.4	5.362	90							90
Dew Point	1287750	33224	36.9	8.255	90		28.0					90

USAFETAC FORM NO. 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	HILL AFB [illegible]	74-83	SEP

PAGE 2[illegible]-23 [illegible]
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
[illegible]/81													.2	.1				3	3		
[illegible]/79											.[illegible]	.1	.4	.2				9	9		
76/77									.1	.1		.3	.3	.2				[illegible]	[illegible]		
76/75								.1		.3	.6	1.0	.3	.1				22	22		
74/73							.[illegible]		.7	.7	.9	1.2	.8					33	33		
7[illegible]/71					.[illegible]	.2	.3	.3	.4	1.4	1.8	1.8	.3					61	61		
[illegible]/69							.[illegible]	.9	1.3	1.7	1.8	.4						57	57		
[illegible]/67						.7	.3	.7	1.6	1.4	1.6	.4						57	57		
[illegible]/65			.[illegible]		.8	.7	1.6	1.4	3.1	2.1	2.[illegible]	.1						108	108		
[illegible]/63				1.[illegible]	.7	1.[illegible]	1.3	1.4	2.2	3.1	1.[illegible]							108	108	3	
[illegible]/61		.7	.4	.3	1.2	1.1	2.[illegible]	2.3	2.4	1.0	.3							103	103	7	
[illegible]/59			.[illegible]	.1	.6	1.4	2.2	2.1	2.[illegible]	.7								84	84	11	2
[illegible]/57				.4	1.4	1.7	1.1	1.3	1.1	.2								63	67	43	4
[illegible]/55			.[illegible]	.2	.7	1.7	1.4	.7	.6	.1								52	52	47	12
[illegible]/53			.[illegible]	.2	.3	1.1	.5	.6	.4									31	31	94	13
[illegible]/51				.2	.7	1.[illegible]	.3	.4										24	24	125	17
[illegible]/49		.1	.7	1.[illegible]	.4	.1	.1	.1										23	23	148	8
4[illegible]/47			.3	.2	.1	.6	.3											13	13	123	35
46/45			.[illegible]	.2	.2	.7	.3											11	11	116	46
44/43			.4	.4	.3		.2											13	13	74	38
[illegible]/4[illegible]		.[illegible]	.1	.3														5	5	47	61
[illegible]/39	.[illegible]		.[illegible]															4	4	23	67
[illegible]/37		.1	.2	.1														4	4	18	81
[illegible]/35		.2																2	2	13	99
[illegible]/33																				6	57
[illegible]/31																				2	107
[illegible]/29																					52
[illegible]/27																					72
[illegible]/25																					45
[illegible]/23																					27
[illegible]/21																					22
[illegible]/19																					16
[illegible]/17																					10
[illegible]/15																					7

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 NO. 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
STA WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	HILL AFB, UT	74-83	SEP

PAGE [illegible] 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
[illegible]																					2
TOTAL	.2	.6	3.2	4.9	7.8	10.8	12.7	12.4	15.7	12.6	10.1	5.4	2.4	.7				90	90	90	90

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.	1637453	35509	39.5	16.218	900							
Dry Bulb	3549426	56068	62.3	7.929	900			25.2	7.7	.6		90
Wet Bulb	2155565	43783	48.6	5.352	900		.2					90
Dew Point	1187911	31775	35.3	8.573	900		36.0					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

STATION	STATION NAME	YEARS	MONTH
[illegible]	MINN AFC AT	74-83	SEP

PAGE

HOURS (L. S. T.) ALL

Temp. (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
[illegible] / 83																	.1	1			
[illegible] / 3															.1	.2	.1	7	7		
[illegible] / 89														.2	.1	.2	.2	28	28		
[illegible] / 87												.2	.1	.1	.2	.2	.1	53	53		
[illegible] / 85											.1	.1	.1	.1	.3	.2	.1	7[illegible]	7[illegible]		
[illegible] / 83											.1	.1	.3	.3	.6	.1		1[illegible]8	[illegible]8		
[illegible] / 3										.1	.1	.4	.8	.2	.3	.2		17[illegible]	17[illegible]		
[illegible] / 79									.1	.3	.4	.8	.6	.9	.2			241	241		
[illegible] / 77							.2	.2	.2	.4	.5	.9	.8	.6	.2			254	254		
[illegible] / 75						.2		.2	.3	.6	1.0	1.3	.9	.2	.1			323	323		
[illegible] / 77						.2	.2	.3	.6	1.0	1.2	.9	.5	.2				352	352		
[illegible] / 71					.1	.2	.6	.4	1.0	1.0	1.2	1.1	.3					398	398		
[illegible] / 69				.1	.1	.1	.5	.6	1.1	1.7	1.4	.5	.1					439	439		
[illegible] / 67				.1	.1	.3	.6	.9	1.6	1.2	1.2	.3	.0					445	446		
[illegible] / 65			.1	.1	.3	.4	.3	1.2	2.0	1.3	.9	.1						526	526	10	
[illegible] / 63			.1	.4	.4	.5	1.1	1.4	1.7	1.4	.5	.0						553	553	49	
[illegible] / 61		.1	.1	.4	.8	.7	1.3	1.6	1.7	.8	.1							579	579	135	3
[illegible] / 59		.1	.1	.4	.7	.8	1.9	2.2	1.4	.3								563	563	307	8
[illegible] / 57	.1	.1	.2	.3	.7	.3	1.4	1.6	.8	.1								456	456	540	49
[illegible] / 55		.1	.1	.3	.6	.2	1.4	1.2	.5	.1								408	408	697	79
[illegible] / 53		.1	.1	.3	.7	.1	1.0	.7	.3									306	306	765	103
[illegible] / 51	.1	.1	.2	.3	.6	.1	.2	.6	.0									254	254	831	180
[illegible] / 49		.1	.3	.0	.5	.6	.3	.3										213	213	862	183
[illegible] / 47		.1	.1	.4	.5	.5	.2	.1										154	154	741	287
[illegible] / 45		.1	.1	.1	.2	.2	.2											103	103	718	348
[illegible] / 43		.1	.1	.1	.3	.1	.1											77	77	559	327
[illegible] / 41		.1	.2		.1	.1	.0											43	43	472	470
[illegible] / 39	.0	.1	.1	.2	.1	.0												37	37	252	613
[illegible] / 37	.0	.1	.1		.1	.0												33	33	130	674
[illegible] / 35		.0	.1		.1													9	9	87	726
[illegible] / 33			.0																1	62	558
[illegible] / 31																				23	856
[illegible] / 29																				7	466
[illegible] / 27																				2	[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] HILL AFB UT 74-83 SEP

STATION STATION NAME YEARS MONTH

PAGE 2 ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																					3[illegible]5
[illegible]																					218
[illegible]																					183
[illegible]																					109
[illegible]																					63
[illegible]																					42
[illegible]																					8
[illegible]																					3
[illegible]	[illegible]	[illegible]	3.[illegible]	4.6	6.[illegible]	9.[illegible]	11.8	13.1	13.2	10.1	8.[illegible]	6.6	4.6	3.2	1.8	.8	.3		72[illegible]		7199
																		7199		7199	

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.	12492736	275532	38.3	16.447	7199							
Dry Bulb	3[illegible]455211	462353	64.2	10.308	7200			288.5	161.2	56.3	.1	720
Wet Bulb	18015186	357268	49.6	6.291	7199		3.2					720
Dew Point	9850861	259009	36.[illegible]	8.598	7199		261.3					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN: WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: [illegible] | STATION NAME: HILL AFB UT | YEARS: 74-83 | MONTH: OCT

PAGE | HOURS (L. S. T.): 0000-2200

Temp. (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
[illegible] / 69												.1						1	1		
[illegible] / 67											.4	.1						5	5		
[illegible] / 65										.7		.3						4	4		
[illegible] / 63								.1	.3	.1								5	5		
[illegible] / 61							.9	.2	.4	.9								18	19		
[illegible] / 59						.4	.6	1.0	.9	.8								34	34		
[illegible] / 57					.6	1.1	.6	1.7	1.9									47	47		
[illegible] / 55				.2	.4	.9	2.6	2.6	1.1									72	72		
[illegible] / 53			.1	.4	1.1	1.1	3.1	2.9	.4	.1								85	85		
[illegible] / 51			.1	.5	1.1	1.7	3.1	.9	.1									72	72	3	
[illegible] / 49	.1	.4	.5	1.7	1.3	2.5	2.6	.2										88	88	22	1
[illegible] / 47		.7	1.2	1.9	2.7	2.5	.6											86	86	34	1
[illegible] / 45		.2	2.7	1.3	1.9	1.6	.5											77	77	60	9
[illegible] / 43	.1	.6	2.2	1.5	2.4	1.3	.6											85	85	120	18
[illegible] / 41	.2	1.2	1.4	1.6	.9	1.2	.1											62	62	161	18
[illegible] / 39		1.4	1.7	.5	.6	.8												47	47	157	54
[illegible] / 37	.1	1.7	2.4	3.	.1													70	75	111	70
[illegible] / 35		.8	1.5	.5	.3													29	29	72	60
[illegible] / 33	.7	.4	.3	.5														20	20	70	66
[illegible] / 31	.3	.3	.2															14	14	59	100
[illegible] / 29		.2																3	3	29	111
[illegible] / 27		.2																2	2	16	99
[illegible] / 25		.1	.3															4	4	2	101
[illegible] / 23																				3	76
[illegible] / 21																				1	65
[illegible] / 19																					38
[illegible] / 17																					20
[illegible] / 15																					17
[illegible] / 13																					7
[illegible] / 11																					9
TOTAL	1.2	7.2	15.9	14.3	14.4	15.7	15.1	9.1	4.6	2.2	.4	.3						930	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.	2899573	48941	52.6	18.677	930							
Dry Bulb	2152864	44154	47.5	7.802	930		2.3	.6				93
Wet Bulb	1463005	36575	39.3	5.144	930		11.0					93
Dew Point	846614	27294	29.3	7.004	930		63.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
72765	HILL AFB UT	74-83	OCT

PAGE 1 — 0300-0500 HOURS (L.S.T.)

Temp. (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
70 / 69												.1						1	1		
68 / 67												.1						1	1		
66 / 65									.2		.1	.2						6	6		
64 / 63								.1	.1	.1								3	3		
62 / 61								.1	.1									3	3		
60 / 59						.1	.1	.5	.9	.1								19	19		
58 / 57					.1	.4	.1	1.1	.9									26	26		
56 / 55				.1	.4	.9	1.2	1.6	.4									45	45		
54 / 53			.1	1.1	.8	1.1	2.3	1.4	.3									64	64		
52 / 51			.1	.5	2.4	2.6	4.5	1.4	.2									109	109	4	
50 / 49		.3	.8	1.1	.8	2.7	3.2	.5	.1									91	91	16	
48 / 47		.3	.2	1.3	1.6	3.9	1.9	.1										88	88	26	3
46 / 45		.2	1.1	2.5	2.3	2.2	.4											82	82	59	6
44 / 43	.1	.5	2.5	2.8	3.1	1.5	.1											104	104	37	24
42 / 41	.2	1.1	2.3	1.6	1.8	1.4	.1											79	79	116	21
40 / 39	.1	.6	1.3	1.1	1.1	.9												47	47	164	34
38 / 37		1.1	2.3	1.4	.9	.4												62	62	134	50
36 / 35	.1	2.1	1.4	1.3	.2	.1												48	48	106	71
34 / 33	.1	.8	1.4	.3	.1													36	26	98	65
32 / 31	.1	1.1	1.4															24	24	50	96
30 / 29		.7	.1															3	3	48	97
28 / 27		.3	.1															4	4	22	93
26 / 25		.1	.3															4	4	5	89
24 / 23			.1															1	1	1	91
22 / 21																				4	72
20 / 19																					62
18 / 17																					16
16 / 15																					22
14 / 13																					7
12 / 11																					10
10 / 9																					5
TOTAL	.9	8.8	17.0	15.1	15.6	17.8	13.9	6.9	3.2	.2	.2	.4						930	930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	3034539	50320	54.1	8.322	930
Dry Bulb	2109076	42626	45.8	7.434	930
Wet Bulb	1385725	35575	38.3	5.176	930
Dew Point	811946	26658	28.7	7.174	930

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							93
Dry Bulb		3.6	.2				93
Wet Bulb		13.0					93
Dew Point		65.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725725 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) OCT (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

Temp. (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
67/ 65									.1	.3		.1						5	5		
64/ 6[illegible]								.2	.2	.3								7	7		
[illegible]							.1	.1	.1	.1								4	4		
[illegible]						.1		.1	.6	.3								11	11		
59/ 57					.5	.3	.2	.9	.3									21	21		
5[illegible]/ 55					.3	.1	.1	.6	.2									22	22		
[illegible]/ 5[illegible]			.1	.5	1.2	1.4	1.1	1.1	.1									51	51		
[illegible]/ 5[illegible]			.1	.5	1.4	2.5	2.4	1.0	.1									76	76	4	
[illegible]/ 49		.1	.1	1.2	1.8	2.4	4.1	.4										102	102	14	
5[illegible]/ 47		.1	1.	1.5	1.6	3.4	2.3	.1										95	95	22	2
4[illegible]/ 45			1.	2.4	3.5	2.4	.8	.1										95	95	50	5
4[illegible]/ 43		1.4	1.1	2.9	3.2	2.2	.2											104	104	67	18
[illegible]/ 41	.1	1.1	2.2	2.5	2.5	1.4	.2											92	92	105	27
[illegible]/ 39		1.6	1.[illegible]	1.6	.6	.3												58	58	140	30
[illegible]/ 37		.8	2.[illegible]	1.1	1.4	.5												58	58	160	39
[illegible]/ 35		2.1	1.1	2.4	.4	.1												60	60	123	52
[illegible]/ 33	.1	.8	.5	.2	.2													22	22	97	89
[illegible]/ 31		1.3	1.[illegible]	.2	.1													30	30	49	95
[illegible]/ 29	.1	.8	.2															10	10	57	89
[illegible]/ 27		.2	.1															3	3	29	104
[illegible]/ 25		.1	.3															4	4	8	87
[illegible]/ 23																				4	71
[illegible]/ 21																				1	65
[illegible]/ 19																					73
[illegible]/ 17																					27
[illegible]/ 15																					14
[illegible]/ 13																					8
[illegible]/ [illegible]																					1[illegible]
[illegible]/ 9																					5
TOTAL	.5	10.9	14.3	17.4	18.9	17.9	12.4	4.6	1.8	.9		.1							930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3083308	50994	54.8	17.582	930	≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Dry Bulb	1921111	41737	44.9	7.189	930		4.7					93
Wet Bulb	1341586	34990	37.6	5.201	930		14.8					93
Dew Point	790838	26292	28.3	7.153	930		66.8					93

USAFETAC FORM 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) OCT (MONTH)

PAGE 1 0900-1100 (HOURS (L. S. T.))

Temp. (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
78 / 77														.1				1	1		
74 / 72													.1					1	1		
72 / 70											.1	.6						7	7		
70 / 65										.2	.4	.4						10	10		
68 / 61							.1	.1	.1	.5	.3	.2						13	13		
66 / 62							.4	.3	1.1	1.4	.5	.1						4[illegible]	4[illegible]		
64 / 63						.3	.5	.4	1.6	1.9	.3							44	44		
62 / 61						.1	.1	1.5	2.7	.5	.2							57	57		
60 / 59						.5	1.1	1.7	1.7	.3								53	53		
58 / 57					.4	.8	1.5	3.3	1.2									67	67		
56 / 55			.2		.8	1.5	1.5	2.9	.4	.1								69	69	2	
54 / 53			.2	.9	.6	2.6	2.6	1.9	.4									88	88	12	
52 / 51		.3	.3	.4	1.5	1.9	1.6	.9										66	66	29	
50 / 49		.6	.3	2.2	1.6	2.5	1.7	.4										87	87	65	
48 / 47		.5	1.2	1.4	1.9	1.9	.9											72	72	100	14
46 / 45		.2	1.5	1.9	1.9	1.7	.4											68	68	117	14
44 / 43	.1	.4	1.[illegible]	1.[illegible]	1.[illegible]	.8	.3											42	42	133	29
42 / 41		.4	1.5	1.[illegible]	1.1	.5	.1											46	46	133	29
40 / 39	.1	1.[illegible]	1.[illegible]	1.3	.9	.3												42	42	112	53
38 / 37		.8	1.1	.4	.2													23	23	82	52
36 / 35	.4	.8	.6	.3														20	20	54	91
34 / 33	.1	.1	.2	.1														5	5	56	97
32 / 31			.4	.1														5	5	21	116
30 / 29		.2	.1	.1														4	4	8	122
28 / 27																				7	112
26 / 25																				1	91
24 / 23																					48
22 / 21																					47
20 / 19																					36
18 / 17																					16
16 / 15																					4
14 / 13																					3
12 / 11																					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) 30 SEP 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] HILL AFB UT — STATION / STATION NAME
74-83 — YEARS
OCT — MONTH

PAGE [illegible] — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
TOTAL	[illegible]	5.4	[illegible]	1.1	11.5	14.5	13.[illegible]	14.[illegible]	9.2	[illegible]	1.5	1.4	.1	.1				93[illegible]	[illegible]	93[illegible]	93[illegible]

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.	2455335	44659	48.0[illegible]	8.291	930							
Dry Bulb	2579092	48310	51.9	8.684	930		.9	3.2	.2			93
Wet Bulb	1474433	39147	42.1	5.351	930		3.7					93
Dew Point	937358	28822	31.[illegible]	6.85[illegible]	930		55.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION — HILL AFB UT STATION NAME — 74-83 YEARS — OCT MONTH

PAGE 2 — 1200-1400 HOURS (L. S. T.)

Temp. (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
[illegible] / [illegible]															.1			[illegible]	[illegible]		
[illegible] / 75													.1		.3			4	4		
78 / 77													.3	.5				8	8		
[illegible] / 75											.2	.2	.4	.5				13	13		
[illegible] / 73									.1		.4	.8	1.0					21	21		
[illegible] / 7[illegible]								.1	.1	1.0	1.2	1.4	.3					38	38		
[illegible] / 65								.4	.6	2.0	2.5	1.0	.1					62	62		
66 / 67							.1	1.0	1.1	2.4	2.7	.2	.1					72	72		
[illegible] / 6[illegible]							.4	1.0	1.4	2.7	.6							57	57		
[illegible] / 61							1.3	1.2	2.2	1.5								57	57		
[illegible] / 61						.1	1.3	1.7	2.4	.8								58	58		
[illegible] / 59				.2	.2	.5	1.6	2.5	1.7	.5								71	71	1	
62 / 67			.1	.2	.6	1.4	2.7	2.2	.9	.3								72	72	1	
56 / 55			.2	.5	.6	1.9	1.9	1.5	.4	.1								68	68	15	
[illegible] / 53			.4	.5	.8	.9	1.6	1.1	.3									52	52	53	
[illegible] / 51		.1	.6	.6	.9	1.0	1.7	.6										47	47	101	
5[illegible] / 49		.1	.5	1.2	1.3	1.2	1.2	.2										53	53	148	5
[illegible] / 47			.1	.3	.2	1.1	.5											35	35	125	11
[illegible] / 45		.4	.2	1.3	1.1	.2	.1											40	40	133	14
44 / 43		.8	.9	1.4	.8	.2												34	34	81	41
[illegible] / 41		.9	1.1	.9	.3	.1												25	25	92	47
4[illegible] / 39	.1	.8	.3	.5	.1													16	16	73	60
38 / 37	.1	.4	.4	.2														13	13	62	89
36 / 35			.1	.1														3	3	26	100
34 / 33			.1															1	1	10	99
[illegible] / 31																				4	126
3[illegible] / 29		.1																3	3	2	103
28 / 27																				3	82
26 / 25																					73
24 / 23																					20
22 / 2[illegible]																					27
[illegible] / 19																					20
18 / 17																					10
16 / 15																					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	≥ 92 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

[illegible] 755 — STATION
HILL AFB UT — STATION NAME
74-83 — YEARS
OCT — MONTH

PAGE 2

1200-1800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	.3	3.7	5.2	8.2	7.8	8.2	14.3	13.4	11.2	11.3	7.6	3.5	2.4	1.1	.4			930	93	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.	1943551	39039	42.0	18.113	930							
Dry Bulb	3225839	54017	58.1	9.754	930		.3	21.9	8.7	.2		93
Wet Bulb	1960814	42416	45.6	5.319	930		.9					93
Dew Point	1037940	30478	32.8	4.989	930		86.8					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

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) OCT (MONTH)

PAGE 1 1500-1700 (HOURS (L. S. T.))

Temp. (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
[illegible] / 8														.1				1	1		
[illegible] / 79													.1	.1	.3			5	5		
78 / 77													.3	.9	.2			12	12		
76 / 75												.3	1.1	.3				16	16		
74 / 73								.1	.1	.6	1.1	.8	.4	.1				34	34		
[illegible] / 71								.1	.4	1.0	2.3	1.4	.3					49	49		
[illegible] / 69								.4	.5	2.0	3.2	.8	.3					68	68		
68 / 67							.4	1.0	.9	2.2	2.0	.1						69	69		
66 / 65								.9	1.4	2.0	.6							45	45		
64 / 63						.1	.5	1.2	1.4	1.5								44	44		
[illegible] / 61					.1	.6	1.8	1.8	1.3	1.2								64	64		
[illegible] / 59					.2	1.5	1.3	2.4	1.3	.9								70	70	1	
58 / 57				.1	1.2	1.9	2.2	1.7	.8									73	73	3	
56 / 55				.4	1.7	1.5	1.7	1.3	.4									66	66	23	
[illegible] / 53		.1	.1	.5	.9	1.0	.4	1.2	.5									48	48	62	
[illegible] / 51		.1		.6	1.0	1.0	2.6	.3	.1									49	49	104	
50 / 49			.4	.5	1.2	1.4	1.1	.3										46	46	156	5
48 / 47			.1	.5	.9	.9	.5	.1										37	37	124	7
46 / 45			.1	1.1	.6	1.5												38	38	106	16
44 / 43		.9	.4	.9	1.1	.4												31	31	79	37
42 / 41		.8	.4	1.1	.2													23	23	90	59
[illegible] / 39		.5	.3	.4	.1													20	20	69	77
38 / 37		.9	.4	.2	.2													16	16	55	74
36 / 35	.1	.3			.1													6	6	41	106
34 / 33	.1																	1	1	15	100
[illegible] / 31		.1	.1	.1														3	3	1	118
[illegible] / 29																				3	87
28 / 27																				3	72
26 / 25																					72
24 / 23																					30
22 / 21																					39
[illegible] / 19																					18
8 / 17																					6
16 / 15																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
72755	HILL AFB UT	74-83	OCT

PAGE 2 — HOURS (L. S. T.) 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
77																					4
TOTAL	.1	7.9	4.5	6.1	9.5	12.3	12.2	12.8	9.1	11.8	9.0	7.7	2.6	1.8	.5			93C	93	93C	93C

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.	1912450	38678	41.6	18.087	93C							
Dry Bulb	3271142	54332	58.4	10.217	93C		.3	25.0	6.8	.5		93
Wet Bulb	1979444	42532	45.7	5.617	93C		.7					93
Dew Point	1080758	30886	32.8	6.676	93C		88.9					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

STATION	STATION NAME	YEARS	MONTH
[illegible]755	HILL AFB UT	74-83	OCT

PAGE

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

Temp. (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
[illegible] / 73												.2	.4					6	6		
[illegible] / 71											.1	.3	.3					7	7		
[illegible] / 69									.4	.9	.3	.4						15	15		
[illegible] / 67								.3	.5	1.0	.9	.1						26	26		
[illegible] / 65						.1	.3	.5	1.6	1.3	.6	.1						43	43		
[illegible] / 63					.1	.2	.6	.6	1.4	1.5	.1							43	43		
[illegible] / 61					.1		1.1	1.2	2.6	.6								52	52		
[illegible] / 59						.4	1.2	2.3	1.1	.1	.1							54	54		
[illegible] / 57					.6	1.2	2.2	3.1	.4									70	70	1	
[illegible] / 55			.1	.8	1.2	1.7	2.2	1.4	.4									69	69	3	
[illegible] / 53		.1	.2	.6	.9	1.8	2.2	.8										61	61	14	
[illegible] / 51		.4	.6	1.5	2.3	2.4	1.2	.3										91	91	34	1
[illegible] / 49		.4	.9	2.5	2.3	1.6	.8	.2										80	80	85	6
[illegible] / 47		.2	1.7	.9	1.9	1.3	1.4											69	69	108	8
[illegible] / 45		.2	1.1	1.5	1.7	1.1	.1											55	55	156	9
44 / 43		.6	.8	1.1	1.6	1.[illegible]	.2											48	48	119	31
[illegible] / 41	.2	.9	1.4	1.5	1.1	.4	.1											52	52	113	52
[illegible] / 39	.1	1.2	1.1	1.7	.5	.3												46	46	81	65
38 / 37		.9	1.7	.3	.1													28	28	73	81
36 / 35	.2	.4	.9	.3														13	13	68	99
[illegible] / 33	.1	.2	.1															4	4	49	88
[illegible] / 31		.2	.1															3	3	16	138
[illegible] / 29			.3															3	3	5	106
[illegible] / 27			.2															2	2	2	70
[illegible] / 25																				2	73
[illegible] / 23																				1	35
[illegible] / 21																					25
[illegible] / 19																					21
[illegible] / 17																					14
[illegible] / 15																					5
[illegible] / 13																					3
TOTAL	.6	5.8	10.8	12.4	14.4	13.5	19.2	10.8	8.5	4.9	2.2	1.2	.8						930		930
																		930		930	

Element (X)	Σ_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.	2617430	46292	49.8	18.361	930							
Dry Bulb	2828522	48728	52.4	9.008	930		.8	5.4	.6			93
Wet Bulb	1729982	39780	42.8	5.448	930		[illegible]					93
Dew Point	1012590	[illegible]	32.3	6.627	930		[illegible]					93

USAFETAC FORM 0-26-5 (OL A) 88 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72755 — STATION
HILL AFB UT — STATION NAME
74-83 — YEARS
OCT — MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (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
72/ 71													.1					1	1		
70/ 69													.2					2	2		
68/ 65									.2	.1	.3							6	6		
66/ 63							.5	.7	.4	1.3	1.0							33	33		
64/ 61				.1		.1	.2	1.2	1.4	.5	.2							35	35		
62/ 59					.1	.9	1.1	1.1	2.5	.6	.1							58	58		
60/ 57					.1	1.2	.8	2.5	1.2	.2								55	55		
58/ 55				.3	.4	1.4	1.8	2.8	.8									70	70	1	
56/ 53			.1	.0	.6	2.3	2.0	1.1	.2									64	64	1	
54/ 51		.1	.2	1.0	1.6	1.9	2.5	.6										76	76	9	1
52/ 49		.9	.7	2.2	2.6	2.6	1.5	.1										94	94	31	3
50/ 47		.7	1.5	1.1	2.9	3.2	.4											78	78	63	3
48/ 45		.1	1.6	2.4	3.0	1.7	.9											77	77	91	11
46/ 43	.3	1.1	.9	1.8	1.1	1.2	.3											60	60	166	14
44/ 41	.1	.9	1.7	1.4	.6	.0	.1											45	45	125	32
42/ 39	.1	2.6	1.4	2.5	.8	.6												74	74	146	70
40/ 37	.1	.9	1.6	1.7	.3	.1												44	44	86	51
38/ 35	.1	1.1	1.4	1.1	.1													35	35	66	80
36/ 33	.1	.5	.2	.3														11	11	71	79
34/ 31	.1	.2	.1															4	4	43	101
32/ 29		.3																3	3	20	111
30/ 27		.3	.3															5	5	8	96
28/ 25																					98
26/ 23																				3	52
24/ 21																					49
22/ 19																					41
20/ 17																					16
18/ 15																					16
16/ 13																					3
14/ 11																					3
TOTAL	1.0	9.1	10.5	16.3	13.3	16.5	12.2	9.7	6.7	2.8	1.6		.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.	2855179	48369	52.0	19.117	930							
Dry Bulb	2295815	45581	49.0	8.187	930		1.2	.3				93
Wet Bulb	1546453	37617	40.4	5.178	930		7.4					93
Dew Point	900639	28211	30.3	6.950	930		58.6					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

[illegible] (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) OCT (MONTH)

PAGE 1 ALL (HOURS (L. S. T.))

Temp. (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
[illegible] / 81														.0	.0			2	[illegible]		
[illegible] / 79													.0	.0	.1			9	9		
7[illegible] / 77													.1	.2	.0			21	21		
76 / 75											.0	.1	.2	.1				29	29		
74 / 73								.0	.0	.1	.2	.2	.2	.0				58	58		
7[illegible] / 7[illegible]								.0	.1	.2	.4	.5	.1					102	102		
7[illegible] / 69								.0	.2	.6	.8	.3	.1					159	159		
68 / 67							.1	.3	.3	.8	.9	.1	.0					186	186		
66 / 65						.0	.1	.4	.8	1.0	.4	.1						206	206		
64 / 63					.1	.1	.5	.5	1.0	1.0	.2							236	236		
[illegible] / 61				.1	.0	.2	.7	1.0	1.4	.6	.1							291	291		
[illegible] / 59				.4	.1	.7	1.0	1.4	1.3	.4	.0							370	370	2	
58 / 57			.0	.0	.6	1.0	1.3	2.0	.9	.1								437	437	5	
56 / 55			.1	.3	.7	1.2	1.7	1.8	.5	.0								481	481	44	
54 / 53		.0	.2	.4	.8	1.5	1.9	1.4	.3	.0								513	513	138	
52 / 51		.0	.3	.7	1.5	1.9	2.3	.8	.1									576	576	288	2
50 / 49	.0	.4	.6	1.5	1.6	2.0	2.1	.3	.0									631	631	537	[illegible]
48 / 47		.2	1.1	1.2	1.8	2.1	1.1	.0										560	560	614	49
46 / 45		.2	1.4	1.8	1.8	1.5	.4	.0										532	532	772	84
44 / 43	.0	.8	1.3	1.6	1.8	1.1	.2											508	508	852	212
42 / 41	.1	.8	1.4	1.4	1.1	.8	.0											424	424	935	285
40 / 39	.0	1.2	1.2	1.2	.6	.5												350	350	937	443
38 / 37	.0	.9	1.6	1.0	.5	.1												314	314	763	506
36 / 35	.0	1.0	.9	.8	.1	.0												214	214	556	659
34 / 33	.2	.3	.5	.2	.0													90	90	456	683
32 / 31	.1	.4	.6	.1	.0													83	83	243	880
30 / 29	.0	.3	.1	.0														29	29	172	796
28 / 27		.1	.1															16	16	90	718
26 / 25		.0	.1															12	12	18	684
24 / 23			.0															1	1	12	419
22 / 21																				6	402
[illegible] / 19																					307
18 / 17																					125
16 / 15																					88

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
3RD WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: [illegible] | STATION NAME: HILL AFB, UT | YEARS: 74-83 | MONTH: OCT

PAGE | HOURS (L. S. T.): ALL

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
[illegible]																					35
[illegible]																					53
[illegible]																					[illegible]
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				744		744C
																		744C		744C	

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.	20801900	367292	49.4	18.942	744C							
Dry Bulb	20079461	379485	51.[illegible]	9.861	744C		14.1	56.6	11.9	.7		744
Wet Bulb	13076442	308642	41.5	6.055	744C		54.1					744
Dew Point	7378633	228303	30.7	7.083	744C		889.7					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] HILL AFB UT — 74-83 — NOV

STATION — STATION NAME — YEARS — MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (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
[illegible] / [illegible]								.1										1	1		
[illegible] / 59						.1	.2		.3									6	6		
[illegible] / 57						.1		.1										2	2		
5 / 55						.1	.2	.2										5	5		
[illegible] / 53				.2		.4	.2	.1										14	14		
[illegible] / [illegible]				.1	.3	.1	.2											9	9		
[illegible] / 49			.6	.7	.8	.1	.4	.1										24	24	2	
[illegible] / 47			.2	.3	1.7	1.6	.7											41	41	6	
[illegible] / 45		.1	1.1	.6	1.8	1.9	.3											53	53	11	
[illegible] / 43		.2	.4	2.1	1.4	1.2	.2											51	51	33	1
[illegible] / 41		.6	1.4	1.1	1.3	.7												46	46	28	13
[illegible] / 39		.4	2.1	2.8	3.3	.1	.1											98	98	43	16
[illegible] / 37		.2	2.9	3.8	2.6	.4												97	97	69	19
[illegible] / 35	.6	1.6	2.8	2.7	1.6													82	82	111	25
[illegible] / 33	.2	1.8	2.3	2.2	.1													67	67	94	39
[illegible] / 31	.2	2.5	4.1	3.1	.6													94	94	129	84
[illegible] / 29	.1	1.7	2.6	1.6														53	53	90	71
[illegible] / 27	.4	1.6	2.3	.2														46	46	84	73
[illegible] / 25	.2	1.1	2.1	.2														31	31	77	73
[illegible] / 23	.1	.7	.4	.4														17	17	53	56
[illegible] / 21		1.2	.2	.4														23	23	27	95
[illegible] / 19	.1	.7	.3	.1														11	11	20	169
[illegible] / 17	.1	.8	.3															12	12	13	68
[illegible] / 15	.1	.4	.7	.2														14	14	15	57
[illegible] / 13		.1																2	2	7	37
[illegible] / [illegible]																				7	21
[illegible] / 9																				1	5
[illegible] / 7																					12
[illegible] / 5																					10
[illegible] / 3																					2
[illegible] / 1																					11
[illegible] / -1																					4
[illegible] / -3																					1
[illegible] / -5																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
725755	HILL AFB UT	74-83	NOV

PAGE 2 — HOURS (L. S. T.) 0000-0200

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
TOTAL	2.7	16.9	26.4	24.2	15.4	6.9	3.3	.7	.3									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.	3698657	55551	61.7	15.639	900							
Dry Bulb	1241524	32520	36.1	8.999	900		30.3					90
Wet Bulb	920761	28089	31.2	7.004	900		50.3					90
Dew Point	558743	21069	23.4	8.272	900	.7	79.1					90

USAFETAC FORM AM 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) NOV (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

Temp. (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
[illegible] / 59						.1			.2									3	3		
[illegible] / 57						.2		.1										3	3		
56 / 55				.1	.2		.4	.4	.1									12	12		
54 / 53						.1	.3											4	4		
[illegible] / 5[illegible]					.6	.4	.1	.2										12	12		
[illegible] / 49			.1	.3	1.0	.1	.2											16	16	3	
48 / 47			.6	.2	.9	.4	.4											23	23	3	
46 / 45		.2	.6	.8	1.0	2.4	.2											47	47	3	
44 / 43		.4	.4	1.2	2.3	1.2	.2											53	53	28	1
42 / 41		.4	.9	3.1	1.7	.9												63	63	28	10
40 / 39	.1	1.1	1.4	2.3	1.6	.7												65	65	39	14
38 / 37		.7	4.0	3.8	1.4	.1												90	90	52	11
36 / 35	.6	1.8	2.7	2.8	.8	.7												80	80	101	25
34 / 33	.6	2.1	2.1	5.1	.2													88	88	103	33
32 / 31	.3	3.0	3.7	2.9														89	89	96	67
30 / 29	.7	1.7	3.8	1.4														68	68	103	65
28 / 27		.6	2.2	1.2														45	45	88	91
26 / 25	.4	1.1	3.4															45	45	86	75
24 / 23		1.2	1.[illegible]	.6														25	25	45	38
22 / 21		1.0	.3	.2														21	21	49	93
[illegible] / 19		1.7	.6	.1														21	21	20	113
18 / 17	.2	.6	.2	.2														11	11	24	66
16 / 15		.3		.1														3	3	9	78
14 / 13	.2	.6	.2															9	9	7	39
12 / 11		.3																3	3	6	37
10 / 9		.1																1	1	6	13
8 / 7																				1	8
6 / 5																					7
4 / 3																					5
2 / 1																					10
0 / -1																					2
-2 / -3																					1
-4 / -5																					2
-6 / -11																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) NOV (MONTH)

PAGE 2 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
TOTAL	2.0	.5	.6	2.9	2.2	.6	1.7	7.1	2.0	.8	.3							9.0	9.0	9.0	9.0

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.	3715365	56133	62.4	15.439	900							
Dry Bulb	1171852	31540	35.0	8.604	900		38.1					90
Wet Bulb	873754	27318	30.4	7.040	900		59.0					90
Dew Point	528196	20386	22.7	8.303	900	.8	80.6					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

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) NOV (MONTH)

PAGE 1 0400-0800 (HOURS (L. S. T.))

Temp. (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
[illegible] / 57				•		•		•1	•1									4	4		
5[illegible] / 55					•3			•4										7	7		
[illegible] / 53					•1		•4											5	5		
[illegible] / 51				•4		•4	•7	•2										11	11	1	
5[illegible] / 49			•1	•1	•4	•2	•6											13	13		
[illegible] / 47			•7	•6	1•3	•4	•1											3[illegible]	3[illegible]	6	1
[illegible] / 45			•4	1•3	•9	1•2	•1											36	36	4	
[illegible] / 43		•2	•8	1•2	•9	•9	•4											35	35	9	1
[illegible] / 41	•3	•6	1•7	1•3	2•4	1•2												65	65	32	8
[illegible] / 39		•6	1•5	3•2	2•4	•9												78	78	45	15
[illegible] / 37	•1	1•[illegible]	2•2	3•1	1•8	•1												73	73	42	10
[illegible] / 35	•1	2•[illegible]	4•1	3•6	•9													97	88	23	2[illegible]
3[illegible] / 33	•3	2•5	1•8	3•9	•1	•1												79	79	92	29
[illegible] / 31		3•2	4•2	2•[illegible]	•1													97	97	121	62
[illegible] / 29	•8	1•4	2•9	1•8														62	62	102	50
[illegible] / 27		2•1	3•3	1•4														67	67	88	89
[illegible] / 25	•1	1•6	1•9	•2														33	33	78	86
[illegible] / 23		•1	1•7	•3														19	19	65	85
[illegible] / 21		2•6	•8	•3														33	33	33	79
[illegible] / 19	•4	1•9	•7	•1														26	26	38	1[illegible]6
[illegible] / 17	•4	•7	•1															6	6	23	78
[illegible] / 15	•[illegible]	•7	•1	•3														8	8	9	79
[illegible] / 13	•2	•3	•2															7	7	6	54
[illegible] / 11	•1	•3																4	4	7	29
[illegible] / 9		•6																5	5	6	18
[illegible] / 7																				5	1[illegible]
[illegible] / 5																					5
[illegible] / 3																					4
[illegible] / 1																					8
[illegible] / -1																					5
[illegible] / -7																					3
[illegible] / -9																					1
[illegible] / -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) REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
726755	HILL AFB UT	74-83	NOV

PAGE 2 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	[illegible]	21.7	29.[illegible]	26.2	11.7	5.7	2.[illegible]	.8	.[illegible]									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.	3750917	56467	62.7	15.215	900							
Dry Bulb	1128398	30920	34.4	8.576	900		36.7					90
Wet Bulb	844619	26817	29.8	7.119	900		58.1					90
Dew Point	505761	19963	22.2	8.369	900	1.1	81.3					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

[illegible] HILL AFB UT — 74-93 — NOV

STATION — STATION NAME — YEARS — MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 5								.2										2	2		
[illegible] / 59				.4			.4	.2	.3									7	7		
[illegible] / 57						.1	.2	.7	.1									10	[illegible]		
[illegible] / 55			.1	.2	.3	.3	.8	1.2										25	25		
[illegible] / 51				.1	.3	.1	.6	.4	.1									15	15	1	
[illegible] / 5			.1	.7	.4	.7	1.4	.2										32	32	1	
[illegible] / 45			.1	.3	1.7	1.1	1.3	.7										47	47	3	2
[illegible] / 47		.1	.4	1.1	2.1	1.7	.9	.1										57	57	13	
[illegible] / 43			.2	2.1	1.8	2.0	.6	.1										60	60	18	
[illegible] / 43	.1	.1	1.1	2.2	2.3	2.1	.2											74	74	38	8
[illegible] / 41	.1	.3	2.1	1.8	1.8	.7	.1											61	61	57	10
[illegible] / 33		.5	1.2	2.5	2.6	.6												67	67	69	13
[illegible] / 37	.1	.9	1.6	2.4	1.1	.3												59	59	106	14
[illegible] / 35	.1	.1	3.8	2.4	1.2	.1												77	77	93	41
[illegible] / 33	.1	1.4	1.2	2.1	1.1	.1												56	56	85	42
[illegible] / 31		2.7	2.3	2.9	.5													80	80	91	79
/ 29	.7	1.1	1.9	1.4														45	45	85	70
[illegible] / 27		1.3	1.1	1.6														36	36	58	85
[illegible] / 25		1.0	1.1	.4														23	23	66	94
[illegible] / 23		.3	.7	.2														16	16	48	46
[illegible] / 21		.3	.5	.1														18	18	22	72
[illegible] / 19		.8	.1	.2														11	11	25	106
[illegible] / 17		.4	.2	.1														7	7	10	46
[illegible] / 15		.2	.1	.2														5	5	5	58
[illegible] / 13		.7																6	6	4	42
[illegible] / 11		.3																3	3	12	29
[illegible] / 9		.1																1	1	3	27
[illegible] / 7																				1	8
[illegible] / 5																					11
[illegible] / 1																					4
[illegible] / -1																					2
[illegible] / -3																					1
-4 / -5																					1
[illegible] / -7																					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 AS 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]755	HILL AFB UT	74-83	NOV

PAGE 2 — HOURS (L. S. T.): 0900-1100

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
-[illegible]/-11																					1
-1[illegible]/-15																					2
TOTAL	1.[illegible]	15.4	2[illegible].1	25.2	17.0	9.9	6.2	3.7	.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.	3265848	52192	58.0	16.311	900							
Dry Bulb	1415057	34635	38.5	9.561	900		25.1					90
Wet Bulb	1009595	29377	32.6	7.510	900		42.0					90
Dew Point	581221	21515	23.9	8.626	900	.8	77.0					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

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) NOV (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	Wet Bulb	Dew Point
68/ 67										.2								2	2		
66/ 65									.2									2	2		
64/ 63								.4	.4	.4								12	12		
62/ 61							.3	.6	.6	.2								15	15		
60/ 59					.1	.4	1.1	1.1	1.0	.1								35	35		
58/ 57					.4	.9	.3	2.1	.3	.1								38	38		
56/ 55				.6	.6	.8	1.9	1.0	.8									50	50		
54/ 53				.2	.2	1.2	1.1	.2	.3									35	35		
52/ 51				.2	.2	1.4	2.4	.3										42	42	2	
50/ 49			.3	.7	1.3	2.0	2.2	.9										67	67	31	
48/ 47			.3	1.1	1.6	1.1	1.8	.2										55	55	33	
46/ 45		.1	.9	1.7	1.9	2.0	.8	.1										63	63	46	1
44/ 43		.1	.9	1.7	1.6	2.0	.2											57	57	74	11
42/ 41		.1	.9	1.8	2.4	.8												54	54	68	15
40/ 39		.3	1.3	2.6	2.6	.9												67	67	92	16
38/ 37	.3	.3	1.2	.8	1.9	.7												47	47	87	29
36/ 35	.2	1.2	1.8	1.6	.9	.6												56	56	80	52
34/ 33	.2	.8	1.0	2.1	.6	.2												44	44	92	57
32/ 31	.3	2.6	1.7	1.6	.7													61	61	67	84
30/ 29	.8	.7	1.8	.8	.1													37	37	72	79
28/ 27		1.0	.6	.1	.1													16	16	51	90
26/ 25		1.0	.3		.1													13	13	51	94
24/ 23		.7	.1		.3													10	10	23	39
22/ 21		.6	.3		.1													9	9	9	86
20/ 19		.3	.6															6	6	10	88
18/ 17			.3															3	3	3	48
16/ 15		.1	.1															2	2	7	39
14/ 13		.2																2	2	3	21
12/ 11																				3	12
10/ 9																					13
8/ 7																					6
6/ 5																					7
4/ 3																					5
2/ 1																					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												

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

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) NOV (MONTH)

PAGE 2 1200-1800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-[illegible]/-3																					1
-8/-6																					1
-[illegible]/-11																					2
TOTAL	[illegible]	9.9	13.7	7.7	17.7	15.6	12.2	7.0	3.7	1.1									500		500
																		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.	2765233	47399	52.7	17.296	900							
Dry Bulb	1774307	38847	43.2	10.916	900		15.9	.2				90
Wet Bulb	1196178	32102	35.7	7.842	900		29.9					90
Dew Point	651860	23038	25.6	8.318	900	.6	71.9					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

[illegible]735 HILL AFB UT 74-83 NOV

STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
[illegible] / [illegible]											.1							1	1		
[illegible] / 67										.2								2	2		
66 / 65									.2	.1								3	3		
[illegible] / 63								.2	.3	.8								12	12		
[illegible] / [illegible]							.1	1.1	.1	.2								19	19		
[illegible] / 59						.1	.3	1.3	.2									22	22		
[illegible] / 57					.1	.9	1.6	1.2	.6	.3								42	42		
[illegible] / 55			.4	.4	.2	.9	1.6	1.2	.2									38	38		
[illegible] / 53				.4	.6	.9	1.4	.9										38	39		
[illegible] / 51			.1	.4	.7	1.7	1.4	.2	.1									41	41	4	
[illegible] / 49			.2	1.6	1.9	1.4	1.4	.8										66	66	28	
48 / 47			.8		2.8	2.0	1.7	.1										66	66	38	1
46 / 45		.1	.3	1.7	1.2	1.9	.7											53	53	60	4
44 / 43		.4	.3	1.9	1.7	1.7												58	58	60	7
[illegible] / [illegible]		.2	1.1	1.7	2.6	1.7												65	65	69	17
[illegible] / [illegible]		.7	1.1	1.2	3.0	1.1	.4											67	67	79	[illegible]
[illegible] / [illegible]		1.4	.5	2.1	1.2	.7												56	56	93	[illegible]
[illegible] / 35		.9	1.4	2.4	.9	.2												54	54	79	52
[illegible] / 33		.3	1.7	1.8	.7	.1												38	38	77	67
[illegible] / 31	.4	2.6	1.9	1.4	1.[illegible]													66	66	81	92
[illegible] / 29	.3	.8	2.1	.2	.4													35	35	77	56
[illegible] / 27	.6	1.3	.7	.1	.2													23	23	58	88
[illegible] / 25	.1	.8	.1															9	9	58	87
24 / 23	.4	.2	.2		.2													7	7	18	46
22 / 21		.3	.4	.2	.1													10	10	10	74
[illegible] / 19			.5															5	5	4	106
[illegible] / 17			.1															1	1	10	55
16 / 15		.2																2	2	3	25
[illegible] / 13		.1																1	1	4	19
12 / 11																					7
[illegible] / 9																					13
[illegible] / 7																					8
[illegible] / 5																					11
[illegible] / 3																					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												

USAFETAC FORM 0-26-5 (OL A) REVISES PREVIOUS EDITIONS OF THIS FORM AND OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) NOV (MONTH)

PAGE 2 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
/ -6/ -9																					2 1
/ /-11																					2
TOTAL	.2	.4	14.7	7.4	19.4	15.6	10.9	5.8	1.8	1.7	.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.	2827940	48075	53.4	16.977	900							
Dry Bulb	1767665	38823	43.1	10.169	900		15.9	.3				90
Wet Bulb	1205167	32237	35.8	7.493	900		31.3					90
Dew Point	672756	23198	26.0	8.868	900	.3	68.2					90

USAFETAC FORM NO. 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) NOV (MONTH)

PAGE 1 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
[illegible]									.2									2	2		
[illegible]									.1	.2								3	3		
[illegible]									.1									1	1		
[illegible]								.2	.1									3	3		
[illegible] 57						.2	.4											6	6		
[illegible] 55				.1	.2	.9	.6	.4										20	20		
[illegible] 51				.4	1.7	.9	1.1	.9										35	35		
[illegible]				.1	.9	.9	.2											17	17		
[illegible] 49		.2		.7	1.7	1.6	1.3	.2										51	51	6	
[illegible] 47		.3	.4	.9	1.2	1.1	.4											38	38	12	
[illegible] 45			1.2	2.8	3.2	1.6	.2	.2										62	62	34	2
[illegible] 42		.7	1.6	2.3	1.7	1.3		.1										69	69	77	4
[illegible] 9		.2	1.6	2.3	2.1	1.2												74	74	60	6
[illegible] 39		.7	2.1	2.1	1.4	.2												67	67	83	28
[illegible] 37		2.	2.1	2.7	2.7	.1												86	86	96	47
[illegible] 33	.4	.3	2.1	3.3	.4													56	56	97	35
30/ 33		.8	2.1	2.2	.2	.2												54	54	72	63
[illegible] 3	.4	2.6	3.5	2.6	.6													90	90	96	57
[illegible] 28	.3	1.1	3.1	.7	.1													48	48	76	86
[illegible] 27	.6	1.6	1.4	.6														37	37	77	66
[illegible] 25	.2	.7	1.2	.7														23	23	74	72
[illegible] 23	.2	.1	.1	.3														7	7	28	56
[illegible] 21		.4	.1															5	5	15	76
[illegible] 19		.7	.4	.3														10	10	12	118
[illegible] 17	.1	.3	.3															11	11	3	51
[illegible] 15	.2	.1	.1															4	4	12	36
[illegible] 13		.1																1	1	10	15
[illegible] 11																					9
[illegible] 9																					5
[illegible] 7																					7
[illegible] 5																					17
[illegible] 3																					5
[illegible] 1																					2
-1/ -9																					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 AS 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] | [illegible] AFB UT | 74-83 | NOV
STATION | STATION NAME | YEARS | 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	Wet Bulb	Dew Point
-/-'																					?
TOTAL	[illegible]	[illegible]	24.[illegible]	[illegible]	17.4	[illegible]	4.[illegible]	1.3	.6	.2									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.	3479052	54150	60.2	15.502	900							
Dry Bulb	1443027	35127	39.[illegible]	8.950	900		23.6					90
Wet Bulb	1055209	30143	33.5	7.126	900		40.3					90
Dew Point	645676	22928	25.5	8.276	900	.3	72.2					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

[illegible] STATION — HILL AFB UT (STATION NAME) — 74-83 (YEARS) — NOV (MONTH)

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 67									.2									2	2		
[illegible] / 6[illegible]									.2									2	2		
[illegible] / 59									.1									1	1		
[illegible] / 57						.2	.1	.1										4	4		
[illegible] / 55						.4	.3	.2										8	8		
[illegible] / 53				.1	.6	.2	.4											12	12		
[illegible] / 6[illegible]			.1	.3	1.2	.4	.1	.1										23	23		
[illegible] / 49			.2	.3	1.2	1.3	.7	.1										35	35		
[illegible] / 47			.4	.7	1.8	1.6	.2											42	42	8	
[illegible] / 45		.1	.6	1.1	1.7	1.6	.6											50	50	18	
[illegible] / 43		.7	1.7	1.3	1.7	1.[illegible]	.1											58	58	28	2
[illegible] / 41		.7	1.2	1.7	3.2	.7	.2											69	69	44	5
[illegible] / 39		.4	3.3	2.8	3.1	.3												90	90	72	18
[illegible] / 37	1.7	2.3	1.8	1.7	.2													73	73	62	28
[illegible] / 35	.[illegible]	2.[illegible]	2.3	2.9	1.[illegible]													77	77	103	37
[illegible] / 33	1.8	2.3	4.2	.3														79	79	127	51
[illegible] / 31	.4	2.1	4.3	2.7	.2													88	88	96	101
[illegible] / 29	.4	1.3	2.7	.3														43	43	97	69
[illegible] / 27	.[illegible]	1.2	3.[illegible]	.9														52	52	88	69
[illegible] / 25	.1	1.2	1.9	.8														36	36	62	65
[illegible] / 23	.1	.8	.4	.1														10	10	49	65
[illegible] / 21		.4	.8	.1														12	12	22	85
[illegible] / 19		.8	.1															9	9	22	99
[illegible] / 17	.4	.8	.2	.4														14	14	8	70
[illegible] / [illegible]	.2	.4	.1	.2														12	12	11	51
[illegible] / 13																				9	34
[illegible] / [illegible]1																				3	11
[illegible] / 9																				1	4
[illegible] / 7																					27
[illegible] / 5																					1
[illegible] / 3																					17
[illegible] / 1																					1
[illegible] / -1																					2
[illegible] / -3																					1

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

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
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

STATION	STATION NAME	YEARS	MONTH
[illegible]	HILL AFB UT	74-83	NOV

PAGE 2 — 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
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]	[illegible]

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.	3623381	55345	61.5	5.642	900							
Dry Bulb	1300915	33311	37.[illegible]	8.665	900		27.5					900
Wet Bulb	962705	28751	31.9	7.015	900		85.8					900
Dew Point	586937	21735	24.2	8.307	900	.5	76.6					900

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	HILL AFB UT	74-81	NOV

PAGE 1 — HOURS (L. S. T.): ALL

Temp. (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
[illegible]											.1							1			
68/ 67										.1								4	3		
66/ 65									.1	.1								7	7		
64/ 63								.1	.1	.2								29	29		
[illegible]							.1	.3	.1	.1								40	4		
[illegible] 59				.1	.0	.1	.3	.3	.3	.0								77	77		
[illegible] 57				.1	.1	.3	.3	.6	.1	.1								110	110		
56/ 55			.1	.2	.2	.4	.7	.5	.1									165	165		
[illegible] 53				.1	.4	.6	.8	.2	.1									158	158	1	
[illegible] 51			.1	.2	.5	.9	.3	.2	.0									187	187	8	
[illegible] 49		.1	.2	.6	1.3	1.0	1.0	.3										319	319	73	2
48/ 47		.1	.5	.6	1.7	1.2	.4	.1										352	352	119	2
[illegible] 45		.1	.5	1.5	1.7	1.9	.4	.1										444	444	194	7
44/ 43	.1	.4	.5	1.7	1.7	1.4	.2	.0										455	455	303	35
[illegible] 41	.1	.5	1.3	1.9	2.2	1.	.											497	497	382	84
[illegible] 39	.1	.6	1.2	2.4	2.5	.6	.											599	599	522	150
38/ 37	.1	1.1	2.2	2.6	1.8	.3												581	581	607	177
36/ 35	.1	1.4	2.6	2.7	.9	.2												579	579	752	283
34/ 33	.1	1.4	1.9	3.1	.4	.1												505	505	722	361
[illegible] 31	.3	2.7	3.3	2.5	.5													665	665	787	666
[illegible] 29	.5	1.2	2.6	1.	.1													391	391	702	546
[illegible] 27	.2	1.5	1.7	.6	.1													322	322	578	647
26/ 25	.1	1.0	1.5	.3	.0													213	213	552	646
[illegible] 23	.1	.9	.6	.3	.1													111	111	325	391
22/ 21		1.1	.5	.2	.0													131	131	187	660
[illegible] 19	.	.9	.4	.1														98	98	151	845
18/ 17	.1	.4	.4	.1														65	65	94	482
16/ 15	.1	.3	.2	.1														50	50	71	419
[illegible] 13	.1	.3	.1															28	28	50	261
[illegible] 11	.	.1																10	10	36	148
[illegible] 9		.1																7	7	17	91
8/ 7																				7	75
6/ 5																					60
4/ 3																					48

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	≥ 90 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

72755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) NOV (MONTH)

PAGE 2 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/																					45
/ -																					15
-/ -																					4
-/ -																					3
-/ -7																					3
-/ -9																					5
/-11																					17
/-13																					2
TOTAL	2.2	.5	23.7	23.4	16.2	9.9	5.5	3.7	1.0	.4	.7							720	720		720
																				720	

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.	27070833	425315	59.1	16.485	720							
Dry Bulb	11242245	275723	38.3	9.748	720		209.3	.5				720
Wet Bulb	8067989	234834	32.6	7.535	720		351.7					720
Dew Point	4723150	174042	24.2	8.467	720	4.9	607.9					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72-75 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) DEC (MONTH)

PAGE 1 0001-0230 (HOURS (L. S. T.))

Temp. (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 / 52							.1	.2	.3									6	6		
49 / 51							.1											3	3		
48 / 49						.1	.3											7	7		
47 / 48				.1	.1	.5	.1											8	8		
46 / 47				.1		.5												7	7		
44 / 47		.2	.3	.1	.5	.2												[illegible]	2[illegible]		
42 / 43		.5	.6	1.8	1.2	.2												41	41	10	
41 / 39		.1	1.3	1.1	.9													31	31	26	1
38 / 37		1.5	2.6	2.4	.5	.1												66	66	25	6
36 / 35		1.2	3.9	2.2	.3													69	69	59	.4
34 / 33	.1	2.9	3.3	2.2	.5													73	73	67	23
32 / 31	.5	4.3	4.7	2.6	.1													114	114	106	52
30 / 29	.4	3.2	3.7	2.7	.2													89	89	83	62
28 / 27	.1	2.7	4.7	2.4														86	86	92	63
26 / 25	.6	2.[illegible]	4.6	1.														83	83	83	85
24 / 23	.1	2.4	2.2															43	43	110	46
22 / 21	.1	3.7	2.8															57	57	79	67
20 / 19	.4	1.7	1.6	.2														37	37	72	84
18 / 17		1.[illegible]	.4															13	13	28	77
16 / 15		1.5	.2															25	25	19	74
14 / 13	.1	1.9																14	14	22	84
12 / 11		1.1																12	12	19	52
10 / 9	.6	.5	.2															13	13	12	41
8 / 7		.6	.3															9	9	7	34
6 / 5		.4																4	4	9	18
4 / 3		.9																4	4	8	11
2 / 1																				4	23
0 / -1																					1
-2 / -3																					11
-4 / -5																					2
-6 / -7																					1
-8 / -9																					2
-10 / -11																					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 AS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] (STATION) HILL AFB UT (STATION NAME) 74-82 (YEARS) DEC (MONTH)

PAGE 2 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
TOTAL	[illegible]	23.3	36.5	[illegible].5	4.7	1.7	.9	.2	.3									93[illegible]	93[illegible]	93[illegible]	93[illegible]

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	Total
Rel. Hum.	4204581	61167	65.8	13.98[illegible]	930							
Dry Bulb	883219	27489	29.6	8.728	930		59.8					93
Wet Bulb	683165	24187	26.0	7.633	930		78.3					93
Dew Point	409650	17610	18.9	9.056	930	2.6	89.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] HILL AFB LT — 74-83 — DEC
STATION — STATION NAME — YEARS — 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	Wet Bulb	Dew Point
[illegible]/ 53							.[illegible]		.1									3	3		
[illegible]/ 5[illegible]							.[illegible]	.1										3	3		
[illegible]/ 49						.3	.2	.1										6	6		
[illegible]/ 47			.[illegible]	.1	.5	.2	.3											12	12		
[illegible]/ 45			.			.2												3	3		
[illegible]/ 43		.2	.5	.4	.5	.2												19	19	1	
[illegible]/ 4[illegible]		.1	1.[illegible]	1.2	.5													26	26	8	
[illegible]/ 39		.4	1.1	1.4	.4	.1												32	32	19	1
[illegible]/ 37	.1	.2	1.5	2.2	.9													44	44	25	5
[illegible]/ 35		1.3	3.9	2.7	.[illegible]													74	74	36	[illegible]
[illegible]/ 33	.2	3.[illegible]	2.2	1.6	.0													80	80	65	15
[illegible]/ 31	1.3	4.7	3.9	4.[illegible]	.2													130	130	111	46
[illegible]/ 29		2.7	3.7	1.4	.1													73	73	83	67
[illegible]/ 27		3.5	3.5	2.2														86	86	85	64
[illegible]/ 25	.3	2.4	5.2	1.1														83	83	107	64
[illegible]/ 23	.3	2.2	3.[illegible]	.5														56	56	75	46
[illegible]/ 21		3.3	2.9															58	58	95	79
[illegible]/ 19	.2	1.6	1.9	.3														38	38	72	90
[illegible]/ 17	.2	1.6	.5															22	22	39	77
[illegible]/ 15	.1	1.4	.9															22	22	26	61
[illegible]/ 13		1.4	.2															15	15	19	65
[illegible]/ 11		1.7																16	16	18	59
[illegible]/ 9		.6																6	6	20	43
[illegible]/ 7		.5																5	5	4	37
[illegible]/ 5		.8	.2															9	9	7	27
[illegible]/ 3		.8																7	7	8	[illegible]
[illegible]/ 1		.2																2	2	5	23
[illegible]/ -1																				2	6
-2/ -3																					7
-4/ -5																					7
-6/ -7																					2
-8/ -9																					1
-10/ -11																					5
-12/ -13																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM NO. 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72575	HILL AFB UT	74-83	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 2 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	Wet Bulb	Dew Point
-14/-15																					1
TOTAL	2.[illegible]	35.5	36.[illegible]	19.[illegible]	4.[illegible]	1.[illegible]	1.[illegible]	.2	.1										93[illegible]		93[illegible]
																		93[illegible]		93[illegible]	

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.	4242560	61482	66.1	13.882	93[illegible]							
Dry Bulb	840217	26751	28.8	8.726	93[illegible]		62.8					93
Wet Bulb	654545	23589	25.4	7.779	93[illegible]	.2	77.6					93
Dew Point	394837	17059	18.3	9.368	93[illegible]	3.1	89.9					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

726755 — STATION
HILL AFB UT — STATION NAME
74-83 — YEARS
DEC — MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (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/ 52								.1										1	1		
52/ 50							.3	.1										4	4		
50/ 49						.3	.6											9	9		
48/ 47				.3	.2	.2												7	7		
46/ 45			.1	.2	.3		.4											10	10		
44/ 43			.5	.5	.5	.2												17	17		
42/ 41			1.[illegible]	.4	1.[illegible]	.1												23	23	7	
40/ 39		.2	1.2	.6	1.5													33	33	23	
38/ 37		.1	1.[illegible]	1.4	.4													34	34	22	
36/ 35		2.2	3.3	1.6	.3													69	69	36	9
34/ 33	.2	2.4	2.4	2.3	.3													70	70	57	18
32/ 31	1.1	5.3	3.9	3.7														125	125	107	42
30/ 29	.4	2.2	4.3	1.1	.4													78	78	82	72
28/ 27	.6	4.3	2.8	2.4														94	94	84	47
26/ 25	.6	1.6	4.3	.8														68	68	120	79
24/ 23		1.6	3.8	.6														56	56	58	38
22/ 21	.2	3.6	2.4	.2														59	59	80	66
20/ 19	.3	2.5	3.[illegible]	.3														57	57	83	111
18/ 17	.3	1.6	1.1															28	28	53	72
16/ 15		.8	.6															13	13	26	67
14/ 13	.1	1.9	.6															24	24	22	63
12/ 11		1.7																16	16	19	56
10/ 9		1.2																12	12	25	45
8/ 7		.4																4	4	13	33
6/ 5		.3																3	3		25
4/ 3		.8																8	8	6	32
2/ 1		.6																6	6	6	26
0/ -1	.1																	1	1	6	16
-2/ -3																					6
-4/ -5																					3
-6/ -7																					6
-8/ -11																					1
-12/ -13																					5
-14/ -15																					3

WET BULB TEMPERATURE DEPRESSION (F)

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 NO. 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 (STATION) HILL AFB UT (STATION NAME) 79-83 (YEARS) DEC (MONTH)

PAGE 2 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	4.1	35.3	36.6	16.5	5.1	.9	1.4	.7										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.	4225108	61276	66.0	14.058	929							
Dry Bulb	818878	26200	28.2	9.026	929	.1	65.3					93
Wet Bulb	632617	23079	24.8	7.992	929	.6	79.1					93
Dew Point	375982	16478	17.7	9.503	929	8.0	90.3					93

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

72755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) DEC (MONTH)

PAGE 1 0900-1100 (HOURS (L. S. T.))

Temp. (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
58/ 57								.1										1	1		
56/ 55								.1										1	1		
54/ 53							.2	.2										4	4		
52/ 51						.3	.2											5	5		
50/ 49				.1	.4	.5	.2											12	12		
48/ 47				.3	.1	.8	.2											13	13		
46/ 45				.8	.5	.1	.2											17	17		
44/ 43			.3	1.3	.5	.6												26	26	4	
42/ 41		.2	.4	1.[illegible]	.5	.9												28	28	18	
40/ 39		.4	1.2	1.3	1.2	.3												39	39	24	
38/ 37		.5	2.7	2.7	1.5	.1												70	70	32	
36/ 35		1.7	2.7	1.9	.8	.1												67	67	41	16
34/ 33	.2	2.4	2.6	2.2	1.3													81	81	82	18
32/ 31	1.[illegible]	4.5	4.7	3.8	.9													138	138	91	64
30/ 29	.2	2.6	3.5	2.6	.3													86	86	121	56
28/ 27	.6	3.2	2.4	1.5	.1													69	69	107	55
26/ 25	.6	2.5	3.2	1.														68	68	113	83
24/ 23	.2	1.[illegible]	2.3	.6														38	38	69	52
22/ 21	.2	1.8	2.2															39	39	61	78
20/ 19	.4	1.2	2.4	.1														36	36	54	104
18/ 17		.9	1.[illegible]															17	17	29	71
16/ 15		1.1	.9															18	18	25	56
14/ 13		1.4	.2															15	15	22	60
12/ 11	.1	1.4	.1															15	15	18	48
10/ 9		1.1	.1															11	11	21	37
8/ 7		.8	.2															6	6	7	41
6/ 5		.[illegible]	.1															3	3	5	18
4/ 3		.5																5	5	5	26
2/ 1		.2																2	2	3	27
0/ -1																				2	6
-2/ -3																					5
-4/ -5																					8
-6/ -7																					3
-8/ -9																					2

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) DEC (MONTH)

PAGE 2 0900-1100 (HOURS (L.S.T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-11/-15																					3
-14/-15																					1
TOTAL	3	129	233	121	1	0	0	1	1									930	93	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.	403176	59660	64.2	14.783	930							
Dry Bulb	932069	28188	30.3	9.145	930		56.6					93
Wet Bulb	707046	24580	26.4	7.860	930	.2	72.9					93
Dew Point	832672	17680	19.0	9.168	930	2.8	89.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
725755	HILL AFB UT	74-83	DEC

PAGE 1 — HOURS (L. S. T.) 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
[illegible] / 61									.1									1	1		
[illegible] / 59									.1									1	1		
[illegible] / 57						.1		.2										3	3		
56 / 55						.1	.1	.2										7	7		
54 / 53					.1	.1	.1	.4	.1									8	8		
[illegible] / 51					.4	.3	.5											12	12		
[illegible] / 49					.5	.3	.5	.1										16	16		
[illegible] / 47			.1	.1	1.3	.2	.5											27	27	2	
45 / 45			.1	1.2	1.1	1.[illegible]	1.[illegible]											40	45	2	
44 / 43		.1	.6	1.7	1.2	1.1	.1											45	45	16	
[illegible] / 41		.5	.8	.9	1.5	1.7	.1											51	51	19	
4[illegible] / 39		.1	1.5	2.8	2.4	1.6												78	78	51	
3[illegible] / 37			1.7	1.4	1.7	.8												52	52	44	10
[illegible] / 35		2.[illegible]	2.4	3.3	1.4	.1												86	86	62	12
3[illegible] / 33	.1	2.3	3.[illegible]	3.9	.6													93	93	103	25
[illegible] / 31	.2	4.4	4.3	4.4	.8													136	136	103	73
[illegible] / [illegible]	.5	2.2	3.[illegible]	1.6														68	68	125	69
[illegible] / 27	.5	2.[illegible]	2.5	1.2														58	58	123	53
[illegible] / 25	.1	1.8	2.4	.2														42	42	94	111
[illegible] / 23	.[illegible]	.4	.6															13	13	59	47
[illegible] / [illegible]		.6	1.1															16	17	33	92
[illegible] / 19		.1	2.2															[illegible]	30	11	119
[illegible] / 17		.4	1.[illegible]	.3														16	16	25	97
[illegible] / 15		.3	.5															8	8	19	54
[illegible] / 13		.9	.1															8	9	12	44
[illegible] / 11		.5	.1															6	6	11	47
[illegible] / 9		.3	.1															4	4	8	30
[illegible] / 7		.4																4	4	3	13
[illegible] / 5																				4	15
[illegible] / [illegible]																					16
[illegible] / 1																					11
[illegible] / -1																					5
-[illegible] / -3																					3
-4 / -5																					4

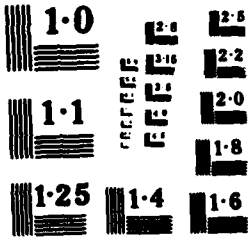
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

AD A147 184 HILL AFB UTAH REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS (RU..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. SEP 84 6/6

UNCLASSIFIED USAFETAC/DS-84/029 SBI-AD-E850 746 F/G 4/2 NL

END


1·0
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1·4
1·6

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
72[illegible]55	HILL AFB UT	74-83	DEC

PAGE 2 — HOURS (L. S. T.) 1200-1400

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
-[illegible]/-7																					1
TOTAL	1.5	20.5	28.6	23.0	13.0	3.1	3.6	1.0	.3										930		929
																		929		929	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	3617142	56146	60.4	15.533	929							
Dry Bulb	1156199	31727	34.1	8.915	930		41.0					93
Wet Bulb	841169	27161	29.2	7.122	929		63.1					93
Dew Point	470100	19492	21.0	8.116	929	1.1	88.3					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

72575 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) DEC (MONTH)

PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (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
6 / 59									.1									1	1		
58/ 57								.2										2	2		
56/ 55							.1	.3										4	4		
54/ 53					.1	.6	.1	.3										11	11		
52/ 51					.1	.3	.1	.2										7	7		
5 / 49				.1	.8	.5	.6	.3										22	22		
48/ 47				.4	.6	.5	.3											18	18	1	
46/ 45			.4	1.3	.4	1.1	.4											34	34		
44/ 43		.2	.5	1.3	1.5	1.[illegible]	.1											43	43	15	
4[illegible]/ 41		.4	1.2	2.6	1.5	1.2												64	64	26	
4 / 39		.2	1.5	3.0	1.9	.9												70	70	39	1
38/ 37		.4	1.7	2.3	1.8	.3												61	61	50	11
36/ 35	.2	1.5	3.7	2.7	1.2	.1												87	87	75	17
34/ 33	.2	2.4	2.3	4.1	1.5													92	92	95	38
32/ 31	.2	3.7	5.3	4.5	.4													131	131	108	57
3 / 29	.8	3.1	3.1	1.8														82	82	113	76
28/ 27	.3	3.1	2.6	.5														61	61	127	66
26/ 25		1.6	2.3	.2														38	38	108	82
24/ 23	.2	.4	.3															9	9	58	64
22/ 21	.3	.5	1.3															20	20	22	119
2 / 19		1.1	2.[illegible]															29	29	11	111
18/ 17		.9	.9	.2														18	18	27	65
16/ 15		.3	.4	.1														8	8	23	67
14/ 13		.5	.2															7	7	10	50
12/ 11		.6	.1															7	7	11	40
1 / 9		.1																1	1	6	18
8/ 7																				2	21
6/ 5		.3																3	3	3	6
4/ 3																					10
2/ 1																					6
/ -1																					7
-2/ -3																					3
-4/ -5																					4
-6/ -7																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM NO. 0-26-5 (OL A) REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) DEC (MONTH)

PAGE 1 18CC-2CCC (HOURS (L. S. T.))

Temp. (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	.2	.3										7	7		
52/ 5						.2	.4											6	6		
5 / 49					.1	.2	.1	.2										8	8		
48/ 47					.1	.2	.3											8	8		
46/ 45			.1	.3	.1	.5	.2											15	15		
44/ 43			.2	.5	.9	.4												15	15	2	
42/ 41		.6	1.6	1.8	.3	.1												42	42	12	
4 / 39		.6	1.5	2.3	1.2													52	52	22	
38/ 37		.8	2.6	2.5	1.0	.1												64	64	44	6
36/ 35		2.8	3.5	2.3	.4													84	84	56	11
34/ 33	.1	3.4	3.0	3.1	1.2													102	102	96	25
32/ 31	.1	3.5	5.7	2.3	1.2													117	117	171	68
3 / 29	.5	3.1	4.4	2.0	.1													95	95	83	81
26/ 27	.4	4.5	4.0	1.2														92	92	121	65
2 / 25		2.0	3.1	.4														52	52	115	68
24/ 23	.6	1.9	1.6															39	39	98	45
22/ 21	.2	1.5	1.1															26	26	43	99
2 / 19	.4	1.6	1.3															36	36	40	130
8/ 17		.8	.3															12	12	26	74
16/ 15	.1	.6	.5															12	12	15	54
14/ 13		1.2	.5															17	17	14	60
12/ 11		1.0	.2															11	11	14	44
/ 9		.5	.1															6	6	14	25
8/ 7		.3	.2															5	5	7	19
6/ 5		.3																3	3	5	9
4/ 3																				2	12
2/ 1																					17
0/ -1																					5
-2/ -3																					3
-4/ -5																					6
-6/ -7																					4
TOTAL	2.7	31.3	36.6	18.3	7.0	2.4	1.3	.5											930		930
																		930		930	

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	4299412	61509	66.1	19.386	930
Dry Bulb	963968	28918	31.1	8.319	930
Wet Bulb	748935	25989	27.9	7.339	930
Dew Point	487929	19078	20.5	8.969	930

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		52.3					93
Wet Bulb		69.8					93
Dew Point	5.8	88.8					93

USAFETAC FORM 0-26-5 (OL A) REVISED 1974 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
725755	HILL AFB UT	74-83	DEC

PAGE 1 — HOURS (L. S. T.) 2100-2300

Temp. (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/ 53							.2		.3									5	5		
52/ 51						.1	.4											5	5		
54/ 49				.1	.2	.5	.2											10	10		
46/ 47						.4	.3											7	7		
48/ 45			.1	.2	.2	.5	.2											12	12		
44/ 43		.2	.2	.5	1.1	.3												22	22	1	
42/ 41		.2	1.1	1.3	.5													29	29	10	
40/ 39		.3	1.5	1.5	.6													37	37	18	1
38/ 37		.8	4.8	2.0	.4	.1												69	69	32	3
36/ 35	.1	1.3	2.8	3.4	.1	.1												73	73	57	9
34/ 33	.1	4.3	2.7	3.2	.1													91	91	84	23
32/ 31	.3	4.2	3.4	2.5	.5													102	102	104	59
30/ 29	.6	3.8	3.5	2.5	.3													97	97	78	64
28/ 27	.9	2.3	5.9	1.8														98	98	98	70
26/ 25	.2	3.7	3.7	.5														71	71	98	82
24/ 23	.1	1.8	2.2															38	38	114	37
22/ 21	.2	2.7	1.3	.1														34	34	68	67
20/ 19	.3	2.3	2.5															47	47	85	106
18/ 17	.1	.9	.5															14	14	34	93
16/ 15	.1	.9	.8															16	16	18	73
14/ 13		1.5																14	14	16	56
12/ 11		1.1	.3															13	13	18	46
10/ 9		1.3	.4															16	16	12	45
8/ 7		.5	.1															6	6	12	21
6/ 5		.1																1	1	9	11
4/ 3		.3																3	3	1	19
2/ 1																				3	20
0/ -1																					12
-2/ -3																					3
-4/ -5																					2
-6/ -7																					3
-8/ -9																					7
-10/ -11																					
TOTAL	3.1	33.0	36.3	19.5	4.2	2.2	1.4		.3									930	930	936	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.	4236482	61372	66.0	14.167	930							
Dry Bulb	905758	27889	30.0	8.663	930		57.0					93
Wet Bulb	700600	24598	26.4	7.527	930		72.8					93
Dew Point	429225	18055	19.4	8.907	930	2.5	89.5					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

725755 — STATION
HILL AFB UT — STATION NAME
74-83 — YEARS
DEC — MONTH

PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]									.0									1	1		
[illegible]									.0									2	2		
[illegible]						.0		.1										6	6		
[illegible]						.0	.1	.1										12	12		
[illegible]					.0	.1	.1	.2	.1									45	45		
[illegible]					.1	.2	.3	.1										45	45		
[illegible]				.0	.3	.4	.4	.1										90	90		
[illegible]			.0	.2	.4	.5	.3											101	101	3	
[illegible]			.1	.6	.3	.5	.3											138	138	2	
[illegible]		.1	.5	.8	.9	.5	.0											211	211	39	
[illegible]		.3	1.0	1.4	.9	.5	.0											304	304	110	
[illegible]		.3	1.3	1.7	1.2	.4												372	372	222	4
[illegible]	.0	.5	2.4	2.1	1.0	.2												460	460	274	41
[illegible]	.0	.7	3.3	2.5	.6	.1												609	609	416	98
34/ 33	.2	3.0	2.5	2.8	.7													682	682	649	175
[illegible]	.6	4.3	4.5	3.4	.5													993	993	825	461
[illegible]	.4	2.8	3.6	2.0	.2													668	668	748	545
28/ 27	.4	3.1	3.5	1.6	.0													644	644	837	483
26/ 25	.3	2.3	3.5	.6														505	505	838	654
[illegible]	.2	1.5	2.0	.2														292	292	641	375
[illegible]	.2	2.1	1.9	.0														309	310	481	667
[illegible]	.2	1.6	2.2	.1														310	310	388	835
18/ 17	.1	1.0	.7	.1														140	140	261	619
16/ 15	.0	.9	.7	.0														122	122	171	506
14/ 13	.0	1.3	.3															114	114	137	472
[illegible]	.0	1.1	.1															94	94	124	390
[illegible]	.0	.7	.1															66	66	118	283
[illegible]		.4	.1															39	39	55	219
[illegible]		.3	.0															26	26	42	120
[illegible]		.4																27	27	26	146
[illegible]		.1																10	10	21	153
[illegible]	.0																	1	1	10	58
[illegible]																					41
[illegible]																					24

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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

STATION	STATION NAME	YEARS	MONTH
72755	HILL AFB UT	74-83	DEC

PAGE 2 — HOURS (L. S. T.) 1500-1700

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
TOTAL	2.[illegible]	21.5	29.[illegible]	25.2	11.4	5.6	1.8	1.4	.1									93[illegible]	93[illegible]	93[illegible]	93[illegible]

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.	3807608	57818	62.2	5.188	930							
Dry Bulb	1191397	31585	34.0	6.899	930		81.8					93
Wet Bulb	848006	27278	29.3	6.953	930		62.9					93
Dew Point	691978	20068	21.6	7.877	930	1.5	66.3					93

USAFETAC FORM NO. 0-26-5 (OL-A) REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
725755	HILL AFB UT	74-83	DEC

PAGE 2

HOURS (L. S. T.): ALL

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
-[illegible]/-7																					22
-[illegible]/-9																					12
-[illegible]/-11																					23
-[illegible]/-13																					7
-[illegible]/-15																					5
TOTAL	[illegible]	[illegible]	34.2	20.2	7.2	3.3	1.5	.5	.1										7439		7438
																		7438		7438	

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.	32618069	480425	64.6	14.669	7438							
Dry Bulb	7436748	228742	30.7	9.005	7439	.1	836.2					744
Wet Bulb	5810083	199911	26.9	7.666	7438	1.0	572.5					744
Dew Point	3836928	185872	19.8	8.920	7438	19.2	712.2					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72755 (STATION) HILL AFB UT (STATION NAME) 74-84 (YEARS) ALL (MONTH)

PAGE 1 ALL (HOURS (L. S. T.))

Temp. (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
/ 99																	.0	3	3		
98/ 97														.0	.0	.0	.0	24	24		
96/ 95										.0				.0	.0	.0	.1	104	104		
94/ 93										.0			.0	.0	.0	.1	.2	247	247		
92/ 9										.0			.0	.0	.1	.1	.2	383	383		
9 / 89									.0		.0	.0	.0	.1	.2	.2	.2	606	606		
88/ 87									.0	.0	.0	.1	.1	.2	.2	.2	.1	802	803		
86/ 85								.0	.0	.0	.1	.2	.2	.2	.3	.2	.1	991	992		
84/ 83						.0		.0	.0	.0	.1	.2	.3	.3	.3	.1	.0	1170	1171		
8 / 81						.0	.0	.0	.0	.1	.2	.3	.4	.3	.2	.0	.0	1366	1367		
8 / 79						.0	.0	.1	.1	.2	.3	.4	.4	.3	.1	.0		1648	1649		
76/ 77				.0		.0	.0	.1	.2	.3	.4	.4	.3	.2	.0	.0		1757	1757	1	
7 / 73					.0	.0	.1	.2	.2	.4	.5	.5	.3	.1	.0			1959	1960	4	
74/ 72				.0	.0	.1	.1	.2	.3	.4	.5	.3	.2	.0				2015	2015	4	
7 / 7			.0	.0	.1	.1	.1	.3	.5	.5	.6	.3	.1	.0				2267	2267	6	2
7 / 69		.0	.0	.1	.1	.2	.3	.4	.6	.6	.5	.2	.0	.0				2520	2522	28	4
68/ 67		.0	.0	.0	.1	.2	.3	.5	.6	.6	.4	.1	.0					2478	2484	200	7
66/ 65		.0	.1	.1	.1	.2	.4	.6	.7	.5	.2	.0						2603	2610	614	17
64/ 63		.0	.0	.1	.1	.1	.3	.5	.6	.7	.5	.1	.0					2507	2507	1452	61
/ 6	.	.0	.1	.1	.1	.2	.3	.5	.7	.6	.2	.0						2385	2387	2127	185
6 / 59		.0	.0	.1	.1	.2	.4	.6	.8	.5	.1	.0						2536	2539	2881	293
58/ 57	.	.0	.1	.1	.1	.3	.5	.7	.7	.3	.1							2511	2512	3682	451
5 / 55		.0	.0	.1	.2	.3	.6	.8	.6	.2	.0							2549	2549	3774	698
54/ 53		.0	.1	.3	.4	.7	.7	.4	.1	.0								2370	2372	3785	838
52/ 51	.	.0	.1	.3	.5	.7	.7	.3	.0	.0								2454	2454	3966	1299
5 / 49	.	.1	.3	.5	.7	.8	.6	.2	.0									2825	2825	4286	1613
48/ 47	.0	.1	.4	.4	.9	.8	.4	.1	.0									2748	2749	3864	2037
46/ 45	.	.1	.6	.9	.9	.7	.3	.0										3032	3032	4065	2601
44/ 43	.	.3	.6	.9	1.0	.6	.1	.0										3117	3117	4003	2855
42/ 41	.	.4	.9	1.1	.9	.4	.1	.0										3300	3300	4134	3541
4 / 39	.0	.5	1.1	1.2	.9	.3	.0											3545	3545	4449	4154
38/ 37	.	.6	1.4	1.2	.6	.1	.0											3540	3540	4470	4426
36/ 35	.1	1.0	1.5	1.2	.4	.0												3714	3714	4537	5216
34/ 33	.1	1.1	1.1	1.3	.2	.0												3581	3581	5161	5226

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
725755	HILL AFB UT	74-84	ALL

PAGE 2

HOURS (L. S. T.): ALL

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
[illegible]	.3	1.6	2.[illegible]	1.2	.2													4521	4521	4678	7868
[illegible]	.[illegible]	.9	1.4	.5	.0													2636	2686	4287	5876
[illegible]	.	1.1	1.1	.4	.[illegible]													2497	2437	4042	5688
[illegible]	.	.9	1.1	.2	.													2019	2019	3624	5565
[illegible]	.[illegible]	.5	.6	.1	.[illegible]													1133	1133	2473	3235
[illegible]	.[illegible]	.8	.5	.[illegible]	.[illegible]													1236	1237	1790	4675
[illegible]	.[illegible]	.8	.6	.														1257	1257	1381	5415
[illegible]	.	.6	.3	.[illegible]														747	747	1103	3399
[illegible]	.	.8	.3	.														592	592	809	2697
[illegible]	.	.3	.1															430	430	652	1990
[illegible]	.	.7	.1															291	291	445	1546
[illegible]	.	.2	.[illegible]															210	210	352	1077
[illegible]	.	.1	.[illegible]															121	121	207	830
[illegible]	.	.1	.[illegible]															68	68	131	473
[illegible]	.	.1	.[illegible]															38	38	85	486
[illegible]	.	.1																62	62	82	432
[illegible]	.	.0																27	27	65	253
[illegible]		.0																3	3	16	157
-4/-5																					111
-6/-7																					104
-8/-9																					61
[illegible]/-11																					69
[illegible]/-13																					26
[illegible]/-15																					43
[illegible]/-17																					25
[illegible]/-19																					16
[illegible]/-21																					3
[illegible]/-23																					3
[illegible]/-25																					1
TOTAL	1.6	13.0	16.6	12.9	9.3	8.1	7.3	6.6	5.7	4.6	4.0	3.0	2.3	1.8	1.3	.8	.7		87663		87635
																		87635		87635	

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.	2669063C3	4491053	51.2	20.339	87635							
Dry Bulb	251361968	4384298	50.0	19.133	87663	3.0	1794.2	2035.9	1308.1	657.0	37.8	8760
Wet Bulb	157393873	3534195	40.3	13.002	87635	8.1	2610.5	25.3	.9			8760
Dew Point	91397635	2630683	30.0	11.909	87635	86.7	5205.5	1.3				8760

USAFETAC FORM 0-26-5 (OL A) 88 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

72755 HILL AFB UT 74-84

STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	MEAN	26.4	29.8	35.8	42.8	50.0	61.0	70.1	68.4	59.8	47.5	36.1	29.6	46.5
	S D	8.823	8.379	7.524	8.571	8.369	8.616	5.842	6.330	7.610	7.802	8.599	8.724	16.872
	TOTAL OBS	930	849	930	900	930	900	930	930	900	930	900	930	10959
[illegible]	MEAN	25.7	28.9	34.6	41.1	48.1	58.0	67.0	65.3	57.1	45.8	35.0	28.8	44.7
	S D	9.023	8.619	7.608	8.141	8.002	8.237	5.878	6.197	7.341	7.434	8.604	8.726	16.021
	TOTAL OBS	930	849	930	900	930	900	930	930	900	930	900	930	10959
6-08	MEAN	25.0	28.1	34.1	41.4	49.7	59.9	68.0	65.5	56.4	44.9	34.4	28.2	44.7
	S D	9.259	8.886	7.616	8.319	8.200	8.160	5.644	6.246	7.347	7.189	8.576	9.024	16.575
	TOTAL OBS	930	849	930	900	930	900	930	930	900	930	900	929	10958
[illegible]-11	MEAN	26.5	31.0	38.3	47.7	56.7	68.7	77.4	75.1	65.4	51.9	38.5	30.3	50.7
	S D	8.947	9.131	8.324	10.189	10.237	9.746	6.218	7.097	8.668	8.654	9.561	9.145	19.458
	TOTAL OBS	930	849	930	900	930	900	930	930	900	930	900	930	10959
12-14	MEAN	29.9	35.5	42.2	51.8	60.7	74.1	83.7	81.4	72.1	58.1	43.2	34.1	55.7
	S D	8.131	8.982	9.218	11.064	11.448	10.825	6.430	7.605	9.352	9.754	10.416	8.915	20.522
	TOTAL OBS	930	849	930	900	930	900	930	930	900	930	900	930	10959
[illegible]-17	MEAN	30.4	36.5	43.1	53.0	61.7	75.6	85.3	82.9	73.2	58.4	43.1	34.0	56.5
	S D	7.939	9.199	9.146	11.132	11.314	10.825	6.666	7.673	9.436	10.217	10.169	8.599	20.911
	TOTAL OBS	930	849	929	900	929	900	930	930	900	930	900	930	10957
[illegible]-20	MEAN	28.1	33.3	40.0	49.5	58.3	72.0	81.1	78.0	67.4	52.4	39.0	31.1	52.6
	S D	8.171	8.700	8.229	10.353	10.501	10.459	6.945	7.682	8.994	9.008	8.950	8.314	20.089
	TOTAL OBS	930	849	930	900	927	900	930	930	900	930	900	930	10956
[illegible]-23	MEAN	27.2	31.3	37.3	45.4	52.8	65.2	74.0	71.6	62.3	49.0	37.0	30.0	48.7
	S D	8.342	8.394	7.666	9.136	9.020	9.320	5.836	6.602	7.929	8.157	8.665	8.663	17.893
	TOTAL OBS	930	849	930	900	927	900	930	930	900	930	900	930	10956
ALL HOURS	MEAN	27.4	31.8	38.2	46.6	54.7	66.8	75.8	73.5	64.2	51.0	38.3	30.7	50.0
	S D	8.774	9.241	8.779	10.602	10.909	11.496	9.117	9.496	10.308	9.861	9.744	9.005	19.133
	TOTAL OBS	7440	6792	7439	7200	7433	7200	7440	7440	7200	7440	7200	7439	87663

USAF ETAC FORM OCT 78 0-09-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

72755 — STATION
HILL AFB UT — STATION NAME
74-84 — YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	23.7	26.5	31.3	35.7	42.3	48.9	55.2	53.5	47.4	39.3	31.2	26	38.5
	S D	8.245	7.456	6.102	6.173	5.706	5.279	4.247	4.969	5.61[illegible]	5.144	7.004	7.	12.290
	TOTAL OBS	930	849	930	900	930	897	930	930	900	930	900	[illegible]	10956
03-05	MEAN	23.1	25.8	30.4	34.7	41.1	47.4	53.7	52.0	45.9	38.3	30.4	2[illegible]	37.4
	S D	8.455	7.794	6.329	6.135	5.594	5.175	4.576	5.163	5.814	5.176	7.040	7..	12.055
	TOTAL OBS	930	849	930	900	930	897	930	930	900	930	900	930	10956
06-08	MEAN	22.4	25.1	30.0	34.9	42.3	49.0	54.7	52.5	45.8	37.6	29.8	24.8	37.5
	S D	8.725	8.127	6.401	6.273	5.698	5.313	4.519	5.345	6.045	5.271	7.119	7.992	12.650
	TOTAL OBS	930	849	930	900	930	896	930	930	900	930	900	929	10954
09-11	MEAN	23.7	27.2	32.9	38.6	46.2	53.5	59.4	57.5	50.8	42.1	32.6	26.4	41.0
	S D	8.323	7.904	6.409	6.730	6.377	5.677	3.968	4.683	5.766	5.351	7.510	7.860	13.687
	TOTAL OBS	930	849	930	900	930	898	930	930	900	930	900	930	10957
12-14	MEAN	26.3	30.5	35.2	40.6	47.8	54.9	60.9	59.2	53.5	45.6	35.7	29.2	43.3
	S D	7.277	7.130	6.367	6.717	6.602	5.600	3.857	4.345	5.291	5.319	7.542	7.122	13.150
	TOTAL OBS	930	849	930	900	930	899	930	927	899	930	900	929	10953
15-17	MEAN	26.9	31.2	35.5	41.1	47.9	54.9	60.6	59.1	53.6	45.7	35.8	29.3	43.5
	S D	7.156	7.071	6.194	6.650	6.274	5.286	3.831	4.287	5.164	5.617	7.493	6.953	12.900
	TOTAL OBS	930	849	929	900	929	897	929	929	900	930	900	930	10952
18-20	MEAN	25.2	29.2	34.0	39.5	46.5	53.9	59.4	57.6	51.4	42.8	33.5	27.4	41.7
	S D	7.543	7.245	6.027	6.532	6.192	5.355	3.784	4.485	5.362	5.448	7.126	7.139	13.084
	TOTAL OBS	930	849	930	900	927	898	930	930	900	930	900	930	10954
21-23	MEAN	24.4	27.7	32.3	37.3	43.8	51.0	56.8	54.9	48.6	40.4	31.9	26.4	39.7
	S D	7.781	7.283	5.935	6.216	5.818	5.164	4.055	4.869	5.352	5.178	7.015	7.527	12.497
	TOTAL OBS	930	849	930	900	927	897	930	930	900	930	900	930	10953
ALL HOURS	MEAN	24.5	27.9	32.7	37.8	44.7	51.7	57.6	55.8	49.6	41.5	32.6	26.9	40.3
	S D	8.086	7.784	6.520	6.855	6.548	6.043	4.897	5.506	6.291	6.055	7.535	7.666	13.002
	TOTAL OBS	7440	6792	7439	7200	7433	7179	7439	7436	7199	7440	7200	7438	87435

USAF ETAC FORM OCT 75 0-09-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible]755 HILL AFB UT 74-84

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]-02	MEAN	17.9	[illegible]	24.3	26.[illegible]	33.8	37.7	43.3	40.8	34.8	29.3	23.4	18.9	29.2
	SD	1[illegible].143	[illegible].174	7.128	7.694	6.894	7.265	7.993	9.242	8.632	7.004	8.272	9.056	11.809
	TOTAL OBS	930	849	93[illegible]	[illegible]	93[illegible]	897	93[illegible]	930	900	930	900	930	10956
[illegible]-05	MEAN	16.5	19.5	23.7	25.6	33.3	37.1	42.8	4[illegible].3	34.4	28.7	22.7	18.3	28.6
	SD	10.40[illegible]	9.456	7.337	7.782	6.729	7.164	7.958	9.112	8.64[illegible]	7.174	8.3[illegible]3	9.368	11.9[illegible]1
	TOTAL OBS	93[illegible]	849	930	9[illegible]0	930	897	930	930	90[illegible]	93[illegible]	900	93[illegible]	10956
[illegible]-08	MEAN	16.2	18.7	23.3	25.8	34.2	38.9	44.2	41.2	34.7	28.3	22.2	17.7	28.8
	SD	1[illegible].735	9.930	7.424	7.744	6.671	6.862	7.578	8.942	8.846	7.153	8.369	9.503	12.498
	TOTAL OBS	93[illegible]	849	93[illegible]	9[illegible]0	930	896	930	930	900	930	900	929	10954
[illegible]-11	MEAN	17.2	20.1	24.9	27.3	3[illegible].1	41.2	46.9	44.3	37.6	31.[illegible]	23.9	19.[illegible]	30.8
	SD	10.23[illegible]	9.403	7.212	7.735	6.648	7.248	7.2[illegible]1	8.224	8.441	6.892	8.626	9.168	12.784
	TOTAL OBS	93[illegible]	849	930	900	930	898	930	930	900	930	900	93[illegible]	10957
1[illegible]-14	MEAN	19.3	22.2	25.6	27.3	35.6	39.4	45.2	43.1	37.7	32.8	25.6	21.[illegible]	31.3
	SD	9.[illegible]37	8.281	6.961	7.819	7.240	7.599	8.030	8.575	8.127	6.489	8.314	8.116	11.645
	TOTAL OBS	93[illegible]	849	930	9[illegible]0	930	899	930	927	899	930	900	929	10953
[illegible]-17	MEAN	20.1	22.9	25.2	26.9	34.7	37.8	43.2	41.2	36.5	32.8	26.0	21.6	30.8
	SD	8.887	7.961	7.153	7.814	7.296	7.561	8.557	8.994	8.536	6.676	8.468	7.977	11.066
	TOTAL OBS	930	849	929	9[illegible]0	29	897	929	929	900	930	900	93[illegible]	10952
[illegible]-20	MEAN	18.9	22.1	25.5	27.1	34.9	38.8	43.7	42.0	36.9	32.3	25.5	20.5	30.7
	SD	9.336	8.575	7.154	7.881	7.231	7.474	8.384	9.008	8.255	6.627	8.276	8.464	11.528
	TOTAL OBS	93[illegible]	849	930	900	927	898	930	930	900	930	900	930	10954
[illegible]-23	MEAN	18.3	21.0	24.9	26.7	34.4	38.4	43.4	41.1	35.3	30.3	24.2	19.4	29.8
	SD	9.641	8.835	6.959	7.7[illegible]7	6.993	6.870	8.223	9.418	8.573	6.950	8.307	8.907	11.645
	TOTAL OBS	930	849	930	900	927	897	930	930	900	930	900	930	10953
ALL HOURS	MEAN	18.0	20.8	24.7	26.6	34.6	38.7	44.1	41.8	36.0	30.7	24.2	19.6	30.0
	SD	9.898	9.064	7.207	7.797	7.034	7.354	8.097	9.027	8.598	7.081	8.467	8.920	11.979
	TOTAL OBS	7[illegible]	6792	7439	7200	7433	7179	7439	7436	7199	7440	7200	7438	87635

USAF ETAC FORM OCT 75 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72755 (STATION) HILL AFB UT (STATION NAME) 75-84 (PERIOD) JAN (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	00-02	100.0	100.0	100.0	99.5	93.0	75.1	46.2	21.0	7.8	69.9	930
	03-05	100.0	100.0	100.0	99.6	92.5	74.5	45.6	20.9	8.0	69.8	930
	06-08	100.0	100.0	100.0	99.7	92.3	74.1	46.1	22.2	7.2	69.8	930
	09-11	100.0	100.0	100.0	99.7	89.4	71.2	43.9	20.5	6.6	68.6	930
	12-14	100.0	100.0	100.0	97.4	85.6	61.5	35.5	17.0	4.5	65.8	930
	15-17	100.0	100.0	100.0	98.6	87.4	64.7	36.6	18.1	3.7	66.5	930
	18-20	100.0	100.0	100.0	99.5	90.4	72.5	45.4	23.8	8.3	69.4	930
	21-23	100.0	100.0	100.0	99.2	91.5	76.7	46.9	22.3	6.7	69.9	930
TOTALS		100.0	100.0	100.0	99.2	90.3	71.3	43.3	20.7	6.6	68.7	7440

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

725755 HILL AFB UT 75-84 FEB

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%		
FEB	00-02	100.0	100.0	99.6	97.5	89.8	72.3	38.3	18.7	6.6	67.9	849
	03-05	100.0	100.0	99.6	97.9	90.2	74.2	42.3	18.6	7.7	68.7	849
	06-08	100.0	100.0	99.5	98.1	91.6	75.4	43.8	18.3	5.7	68.7	849
	09-11	100.0	100.0	99.6	95.9	84.8	63.0	32.0	15.2	4.8	65.2	849
	12-14	100.0	99.5	98.0	91.4	72.8	46.1	22.0	11.7	3.5	60.2	849
	15-17	100.0	99.3	98.0	89.5	73.1	43.2	22.9	10.7	4.6	59.7	849
	18-20	100.0	99.8	99.5	95.9	85.3	60.2	32.2	16.6	5.8	65.0	849
	21-23	100.0	99.6	99.6	96.9	88.5	66.2	34.3	19.0	6.9	66.8	849
TOTALS		100.0	99.8	99.2	95.4	84.5	62.6	33.5	16.1	5.7	65.3	6792

USAPETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[illegible]755 HILL AFB UT — STATION NAME
75-84 — PERIOD
MAR — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
MAR	00-02	100.0	100.0	99.5	95.6	83.1	57.0	33.4	14.8	6.7	64.6	930
	03-05	100.0	100.0	99.2	97.8	86.6	61.4	33.5	17.3	6.2	65.8	930
	06-08	100.0	100.0	99.5	98.1	87.7	61.3	34.1	15.8	5.3	65.8	930
	09-11	100.0	99.9	98.5	91.8	70.5	45.9	25.1	12.8	3.2	60.4	930
	12-14	100.0	99.4	93.2	77.6	51.8	32.2	20.1	11.0	3.2	54.6	930
	15-17	100.0	98.5	90.4	71.6	46.9	29.5	18.9	9.1	2.4	52.3	929
	18-20	100.0	99.7	96.3	85.8	63.0	42.4	25.7	12.3	3.8	58.5	930
	21-23	100.0	99.9	99.0	92.6	75.8	50.5	32.8	16.3	5.6	62.7	930
TOTALS		100.0	99.7	97.0	88.9	70.7	47.5	28.0	13.7	4.6	60.6	7439

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72755 HILL AFB UT — 75-84 — APR

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%		
APR	00-02	100.0	99.8	92.4	75.3	54.8	35.0	19.4	7.6	2.8	54.3	900
	03-05	100.0	100.0	93.7	80.7	59.9	40.4	21.3	8.8	3.0	56.5	900
	06-08	100.0	100.0	95.2	80.1	59.2	37.6	20.0	8.9	3.6	56.1	900
	09-11	100.0	97.2	82.4	61.8	38.8	23.7	14.1	6.4	1.9	48.4	900
	12-14	100.0	92.7	69.6	45.2	27.7	17.2	10.7	5.1	1.3	42.5	900
	15-17	100.0	89.7	64.9	40.2	26.0	14.8	7.9	3.0	1.1	40.4	900
	18-20	100.0	94.6	76.7	52.8	34.3	21.8	12.3	5.2	1.8	45.7	900
	21-23	100.0	98.2	86.6	69.0	47.8	29.1	16.2	6.7	1.8	51.2	900
TOTALS		100.0	96.5	82.7	63.1	43.6	27.5	15.2	6.5	2.2	49.4	7200

USAFETAC FORM AWS 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

725755 HILL AFB UT — 75-84 — MAY

STATION — STATION NAME — PERIOD — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	99.8	96.1	77.3	58.7	40.1	24.5	10.4	2.4	56.5	930
	03-05	100.0	99.8	97.5	83.9	63.4	45.9	28.7	12.6	3.9	59.1	930
	06-08	100.0	100.0	97.6	82.2	61.6	39.9	23.9	10.4	3.0	57.6	930
	09-11	100.0	99.0	86.2	63.8	40.5	23.4	13.8	5.6	2.3	49.2	930
	12-14	100.0	94.3	70.8	45.4	27.6	16.9	10.2	4.6	1.9	42.8	930
	15-17	100.0	91.4	61.7	37.8	25.6	15.5	9.8	3.8	1.2	40.2	929
	18-20	100.0	96.5	75.3	51.7	33.7	20.0	13.1	5.2	1.8	45.3	927
	21-23	100.0	99.5	90.3	69.0	49.8	31.9	20.6	8.2	2.3	52.9	927
TOTALS		100.0	97.5	84.4	63.9	45.1	29.2	18.1	7.6	2.4	50.5	7433

USAFETAC FORM AW 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

725755 HILL AFB UT 74-83 JUN

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%		
JUN	00-02	100.0	95.9	82.2	52.2	32.7	17.9	9.3	2.0	.1	45.0	897
	03-05	100.0	96.5	89.7	64.7	40.6	24.2	12.2	3.6	1.0	48.7	897
	06-08	100.0	98.8	90.6	64.5	37.9	22.3	8.8	2.8	.9	48.3	896
	09-11	100.0	93.9	69.8	37.9	19.5	10.1	4.6	2.7	1.1	39.6	898
	12-14	100.0	76.5	41.6	19.4	10.6	6.2	3.7	1.6	.7	31.6	899
	15-17	99.4	65.4	32.1	16.2	8.9	4.6	2.7	1.0		28.5	897
	18-20	99.9	80.2	44.4	23.3	13.8	8.4	4.2	1.1	.3	33.1	898
	21-23	100.0	95.1	66.8	38.9	23.4	14.2	6.5	1.9	.2	40.4	897
TOTALS		99.9	87.8	64.7	39.6	23.4	13.5	6.5	2.1	.5	39.4	7179

USAFETAC FORM AW 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (PERIOD) JUL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	96.8	72.9	39.0	21.1	11.4	5.7	1.8	.3	40.3	930
	03-05	100.0	98.1	81.7	51.3	27.3	13.4	6.1	2.6	.1	43.7	930
	06-08	100.0	98.7	85.5	54.2	28.4	12.5	4.5	1.9		44.2	930
	09-11	100.0	92.9	59.9	29.7	11.8	4.2	1.4	.6	.1	35.9	930
	12-14	99.7	72.3	31.4	13.2	3.9	1.9	.9	.6	.3	27.9	930
	15-17	99.6	55.8	21.6	11.1	4.0	2.3	1.1	.3	.1	24.9	929
	18-20	99.8	71.1	34.0	17.5	9.2	4.4	2.7	1.2	.2	29.4	930
	21-23	100.0	89.7	56.3	28.3	15.7	7.8	2.8	.6	.4	35.9	930
TOTALS		99.9	84.4	55.4	30.5	15.2	7.2	3.2	1.2	.2	35.3	7439

USAFETAC FORM APR 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

725755	HILL AFB UT	74-83	OCT
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%		
OCT	00-02	100.0	99.0	90.1	67.0	49.8	33.0	19.7	8.7	3.5	52.6	930
	03-05	100.0	99.1	92.9	71.4	51.8	36.0	20.3	9.5	3.8	54.1	930
	06-08	100.0	99.8	94.1	74.9	54.4	36.2	19.7	9.9	3.2	54.8	930
	09-11	100.0	98.0	83.1	58.8	38.9	23.3	14.2	6.8	2.5	48.0	930
	12-14	100.0	94.7	67.5	43.4	25.8	16.2	9.9	3.4	1.6	42.0	930
	15-17	100.0	93.4	66.2	43.7	26.8	15.1	8.8	4.6	1.6	41.6	930
	18-20	100.0	97.5	85.8	63.0	43.9	26.2	14.7	6.9	2.4	49.8	930
	21-23	100.0	98.6	88.3	67.0	48.1	30.1	17.6	10.4	4.0	52.0	930
TOTALS		100.0	97.5	83.5	61.2	42.4	27.0	15.6	7.5	2.8	49.4	7440

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

725755 HILL AFB UT — 74-83 — NOV

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%		
NOV	00-02	100.0	100.0	99.0	90.7	73.3	51.0	29.3	13.7	4.0	61.7	900
	03-05	100.0	100.0	99.1	91.8	76.4	52.0	28.8	14.9	4.7	62.4	900
	06-08	100.0	100.0	99.1	92.2	79.2	52.6	28.6	14.9	4.2	62.7	900
	09-11	100.0	100.0	97.0	85.1	64.0	43.4	22.2	9.3	3.6	58.0	900
	12-14	100.0	100.0	92.4	70.6	48.7	31.6	15.9	8.2	2.8	52.7	900
	15-17	100.0	99.8	93.9	74.3	50.2	32.7	16.8	9.3	2.2	53.4	900
	18-20	100.0	100.0	98.4	89.0	72.2	45.4	24.2	12.0	3.2	60.2	900
	21-23	100.0	100.0	98.8	91.2	74.3	49.7	27.9	14.0	4.1	61.5	900
TOTALS		100.0	100.0	97.2	85.6	67.3	44.8	24.2	12.0	3.6	59.1	7200

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

725755 HILL AFB UT 74-83 DEC

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%		
DEC	00-02	100.0	99.9	99.6	97.2	85.6	64.2	35.6	16.7	4.7	65.8	930
	03-05	100.0	100.0	99.7	96.6	86.7	63.9	36.5	17.0	4.6	66.1	930
	06-08	100.0	100.0	99.9	96.0	84.6	65.2	35.1	16.6	5.5	66.0	929
	09-11	100.0	100.0	100.0	94.2	80.3	60.0	31.5	16.5	4.4	64.2	930
	12-14	100.0	100.0	98.9	89.0	72.8	46.7	25.5	13.6	2.8	60.4	929
	15-17	100.0	100.0	99.0	91.9	77.4	51.6	29.7	13.3	4.2	62.2	930
	18-20	100.0	100.0	99.5	96.6	85.6	65.2	37.7	17.2	5.7	66.1	930
	21-23	100.0	100.0	99.6	96.8	86.3	62.3	36.9	16.6	4.9	66.0	930
TOTALS		100.0	100.0	99.5	94.8	82.4	59.9	33.6	15.9	4.6	64.6	7438

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[illegible]755 HILL AFB UT 74-84 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	99.2	90.3	71.3	43.3	20.7	6.6	68.7	7440
FEB		100.0	99.8	99.2	95.4	84.5	62.6	33.5	16.1	5.7	65.3	6792
MAR		100.0	99.7	97.[illegible]	88.9	70.7	47.5	28.[illegible]	13.7	4.6	60.6	7439
APR		100.0	96.5	82.7	63.1	43.6	27.5	15.2	6.5	2.2	49.4	7200
MAY		100.0	97.5	84.4	63.9	45.1	29.2	18.1	7.6	2.4	50.5	7433
JUN		99.9	87.8	64.7	39.6	23.4	13.5	6.5	2.1	.5	39.4	7179
JUL		99.9	84.4	55.4	30.5	15.2	7.2	3.2	1.2	.2	35.3	7439
AUG		99.8	82.4	52.8	30.8	16.1	8.2	4.0	1.8	.3	35.2	7436
SEP		100.0	89.1	61.7	36.4	20.4	10.7	5.5	1.9	.4	38.3	7199
OCT		100.0	97.5	83.5	61.2	42.4	27.0	15.6	7.5	2.8	49.4	7440
NOV		100.0	100.0	97.2	85.6	67.3	44.8	24.2	12.0	3.6	59.1	7200
DEC		100.0	100.0	99.5	94.8	82.4	59.9	33.6	15.9	4.6	64.6	7438
TOTALS		100.0	94.6	81.5	65.8	50.1	34.1	19.2	8.9	2.8	51.3	87635

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
SCAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

72755 HILL AFB UT 74-84

STATION | STATION NAME | YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
2	MEAN	25.241	25.212	25.107	25.112	25.117	25.148	25.194	25.203	25.214	25.250	25.238	25.244	25.195
	S D	.206	.188	.183	.150	.133	.105	.085	.086	.109	.148	.182	.190	.161
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
5	MEAN	25.238	25.205	25.098	25.114	25.120	25.158	25.209	25.213	25.220	25.248	25.235	25.242	25.192
	S D	.209	.187	.185	.153	.135	.104	.082	.085	.107	.153	.183	.188	.162
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
8	MEAN	25.247	25.218	25.119	25.136	25.142	25.186	25.240	25.243	25.247	25.269	25.251	25.257	25.213
	S D	.211	.190	.186	.159	.140	.105	.081	.084	.108	.155	.188	.187	.163
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
11	MEAN	25.272	25.236	25.133	25.146	25.148	25.190	25.245	25.249	25.258	25.281	25.267	25.280	25.226
	S D	.213	.194	.187	.159	.142	.104	.083	.086	.110	.155	.188	.198	.165
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
14	MEAN	25.232	25.205	25.108	25.125	25.126	25.166	25.215	25.220	25.226	25.248	25.230	25.238	25.195
	S D	.206	.193	.181	.156	.141	.104	.084	.088	.108	.150	.184	.187	.161
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
17	MEAN	25.234	25.197	25.093	25.103	25.103	25.137	25.183	25.185	25.198	25.235	25.224	25.236	25.177
	S D	.205	.191	.181	.153	.139	.103	.088	.088	.108	.146	.181	.184	.161
	TOTAL OBS	310	283	310	300	309	300	310	310	300	310	300	310	3652
20	MEAN	25.243	25.203	25.100	25.106	25.107	25.129	25.175	25.181	25.201	25.242	25.233	25.246	25.180
	S D	.198	.190	.178	.148	.132	.102	.089	.090	.109	.144	.182	.183	.160
	TOTAL OBS	310	283	310	300	309	300	310	310	300	310	300	310	3652
23	MEAN	25.249	25.209	25.107	25.118	25.123	25.147	25.195	25.195	25.212	25.250	25.238	25.252	25.191
	S D	.200	.190	.179	.147	.130	.102	.087	.090	.110	.148	.187	.186	.160
	TOTAL OBS	310	283	310	300	309	300	310	310	300	310	300	310	3652
ALL HOURS	MEAN	25.245	25.211	25.108	25.120	25.123	25.158	25.207	25.211	25.222	25.253	25.240	25.249	25.196
	S D	.206	.190	.183	.154	.137	.106	.088	.090	.110	.151	.185	.187	.162
	TOTAL OBS	2880	2268	2880	2800	2877	2800	2880	2880	2800	2880	2800	2880	29221

USAF ETAC FORM OCT 78 0-09-5 (DL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72755 HILL AFB UT — STATION / STATION NAME
74-83 — 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	93.6	63.7	38.5	21.8	11.3	5.7	2.9	.5	39.5	930
	03-05	100.0	97.7	72.6	48.2	25.9	14.2	7.4	3.2	.4	42.7	930
	06-08	100.0	98.7	78.3	50.8	27.7	14.3	7.0	2.5	.2	43.5	930
	09-11	100.0	88.9	57.2	30.1	14.6	6.3	2.3	.5		35.6	930
	12-14	100.0	67.0	33.0	15.1	6.3	3.1	1.3	.9	.4	28.2	927
	15-17	98.9	53.6	23.9	10.8	5.6	3.0	1.8	.8	.5	25.4	929
	18-20	99.8	72.5	38.4	21.2	10.3	4.5	2.3	1.2	.3	30.6	930
	21-23	100.0	88.1	54.9	31.4	16.2	9.0	4.5	2.6	.2	36.1	930
TOTALS		99.8	82.4	52.8	30.8	16.1	8.2	4.0	1.8	.3	35.2	7436

USAFETAC FORM NO. 64 0-87-5 (OL A)

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
725755	HILL AFB UT	74-83	SEP

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	97.8	70.9	42.7	24.9	13.8	6.0	1.6	.3	41.6	900
	03-05	100.0	99.7	81.3	52.0	30.0	15.0	7.4	3.3	.2	44.6	900
	06-08	100.0	100.0	87.0	56.8	33.1	16.9	8.2	3.3	.7	46.1	900
	09-11	100.0	94.9	63.0	35.0	18.7	8.6	5.2	1.7	.4	38.4	900
	12-14	100.0	76.2	39.7	18.9	10.7	6.1	3.4	.7	.1	31.2	899
	15-17	100.0	65.9	33.9	16.3	8.9	6.0	3.7	.8	.1	29.2	900
	18-20	100.0	85.2	54.2	30.4	14.1	8.1	4.7	1.8	.4	35.5	900
	21-23	100.0	92.9	63.7	38.9	22.8	10.9	5.7	1.6	.7	39.5	900
TOTALS		100.0	89.1	61.7	36.4	20.4	10.7	5.5	1.9	.4	38.3	7199

USAFETAC FORM JUN 84 0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

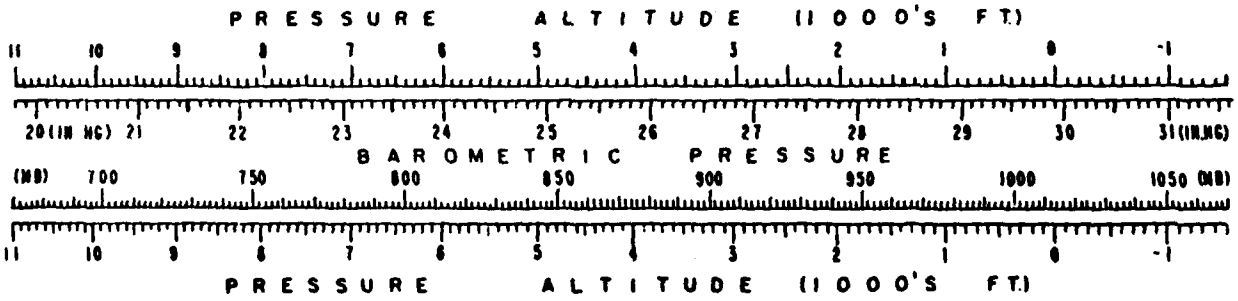
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



F

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

STATION	STATION NAME	YEARS
725755	HILL AFB UT	74-84

HRS (LST)		JAN	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
3	MEAN	1022.1	1019.9	1014.2	1013.0	1011.9	1011.3	1011.8	1012.4	1014.1	1017.6	1019.5	1021.3	1015.7
	S D	9.247	8.575	7.953	6.540	5.662	4.850	3.878	3.895	4.734	6.446	7.990	8.499	7.792
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
6	MEAN	1022.1	1019.8	1014.0	1013.2	1012.1	1011.8	1012.6	1013.0	1014.6	1017.8	1019.7	1021.5	1016.0
	S D	9.372	8.671	8.043	6.630	5.733	4.838	3.784	3.799	4.648	6.607	8.104	8.472	7.763
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
9	MEAN	1022.8	1020.8	1015.2	1014.3	1013.2	1013.0	1014.0	1014.5	1016.1	1019.3	1020.7	1022.4	1017.2
	S D	9.499	8.788	8.142	6.814	5.767	4.696	3.685	3.729	4.734	6.775	8.350	8.502	7.765
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1	MEAN	1023.6	1021.2	1015.5	1014.5	1013.2	1013.0	1013.9	1014.4	1016.1	1019.2	1021.0	1023.1	1017.4
	S D	9.506	8.867	8.074	6.770	5.853	4.677	3.812	3.776	4.700	6.575	8.238	8.451	7.853
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
4	MEAN	1021.7	1019.6	1014.3	1013.5	1012.3	1012.0	1012.6	1013.1	1014.6	1017.6	1019.2	1021.2	1016.0
	S D	9.189	8.710	7.809	6.651	5.960	4.741	3.887	3.885	4.629	6.388	8.033	8.240	7.590
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
7	MEAN	1021.9	1019.4	1013.8	1012.7	1011.4	1010.9	1011.5	1011.8	1013.7	1017.3	1019.3	1021.3	1015.4
	S D	8.956	8.712	7.879	6.601	5.930	4.763	4.011	3.904	4.708	6.323	7.962	8.227	7.872
	TOTAL OBS	310	283	310	300	309	300	310	310	300	310	300	310	3652
10	MEAN	1022.6	1020.1	1014.4	1013.1	1011.7	1010.6	1011.3	1012.0	1014.3	1018.2	1020.0	1022.0	1015.8
	S D	8.915	8.770	7.877	6.422	5.591	4.726	3.987	3.959	4.867	6.362	8.134	8.341	7.952
	TOTAL OBS	310	283	310	300	309	300	310	310	300	310	300	310	3652
2?	MEAN	1022.6	1020.0	1014.4	1013.3	1012.1	1011.2	1011.9	1012.2	1014.2	1017.9	1019.8	1022.0	1016.0
	S D	8.994	8.782	7.864	6.456	5.582	4.848	3.980	4.023	4.828	6.444	8.260	8.405	7.881
	TOTAL OBS	310	283	310	300	309	300	310	310	300	310	300	310	3652
ALL HOURS	MEAN	1022.4	1020.1	1014.5	1013.4	1012.2	1011.7	1012.4	1012.9	1014.7	1018.1	1019.9	1021.9	1016.2
	S D	9.217	8.740	7.963	6.629	5.788	4.834	3.994	3.991	4.799	6.519	8.144	8.403	7.827
	TOTAL OBS	2480	2264	2480	2400	2477	2400	2480	2480	2400	2480	2400	2480	29221

USAF ETAC FORM OCT 70 0-89-3 (OL A)

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DATE
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