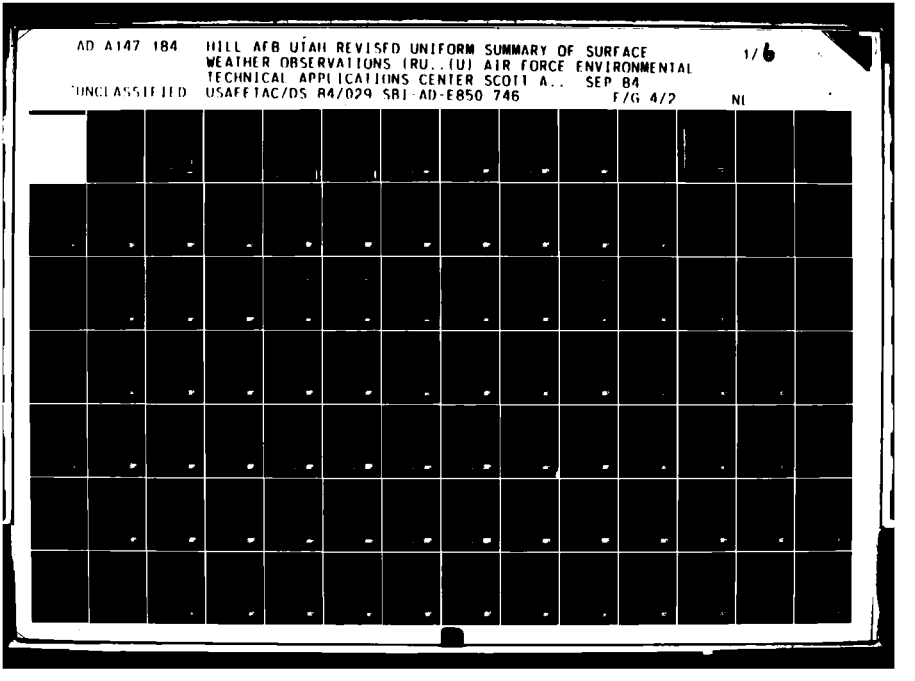
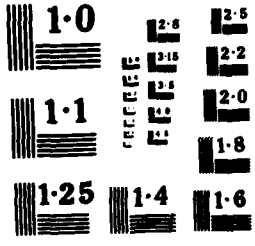
AD A147 184 HILL AFB UTAH REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS (RU..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. SEP 84 1/6

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




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AD-A147 184

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

DEVICE ... OF
SURFACE ... VATIONS

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

"Approved ... Distribution Unlimited."

FEDERAL BUILDING
ASHEVILLE, N. C.

DTIC ELECTE OCT 29 1984 D

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DISTRIBUTION STATEMENT A
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Distribution Unlimited

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REVIEW AND APPROVAL STATEMENT

This report, USAFETAC DS-84/029, is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

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-A147 194	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

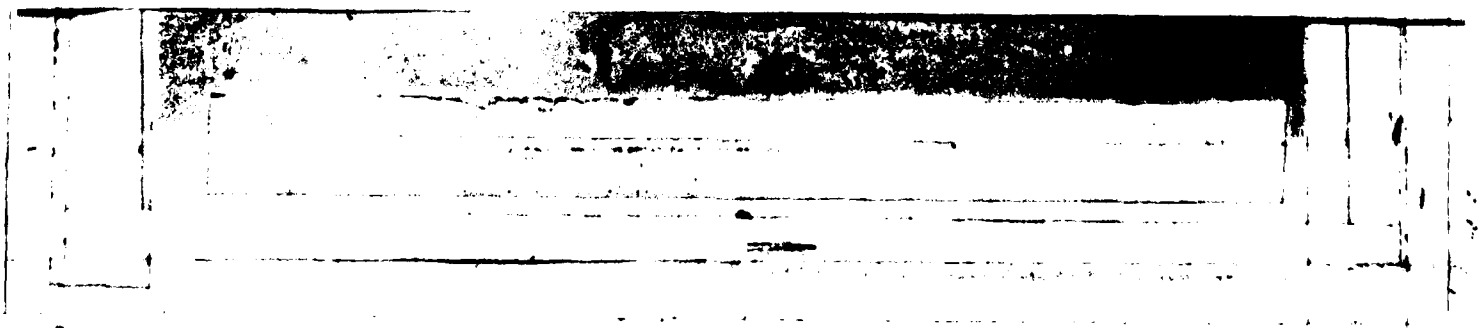
* *UTAH

* *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 records of 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] manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Jer[illegible] some foreign stations with similar reporting practices.

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

PART A	WEATHER CONDITIONS	PART E	DAILY MAX, MIN, & MEAN TEMP
	ATMOSPHERIC PHENOMENA		EXTREME MAX & MIN TEMP
PART B	PRECIPITATION		PSYCHROMETRIC-DRY VS WET BULB
	SNOWFALL		MEAN & STD DEV - (DRY BULB, WET BULB, & DEW POINT)
	SNOW DEPTH		RELATIVE HUMIDITY
PART C	SURFACE WINDS		
PART D	CEILING VERSUS VISIBILITY	PART F	STATION PRESSURE
	SKYCOVER		SEA LEVEL PRESSURE

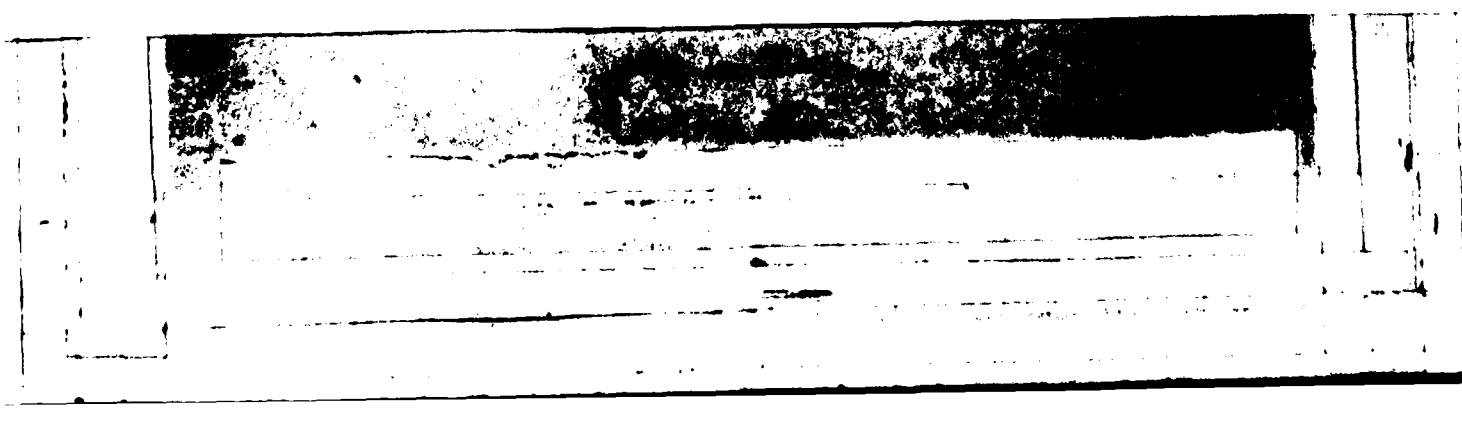
STANDARD 3-HOUR GROUPS

[illegible] 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, 2100-300 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 [illegible] 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.

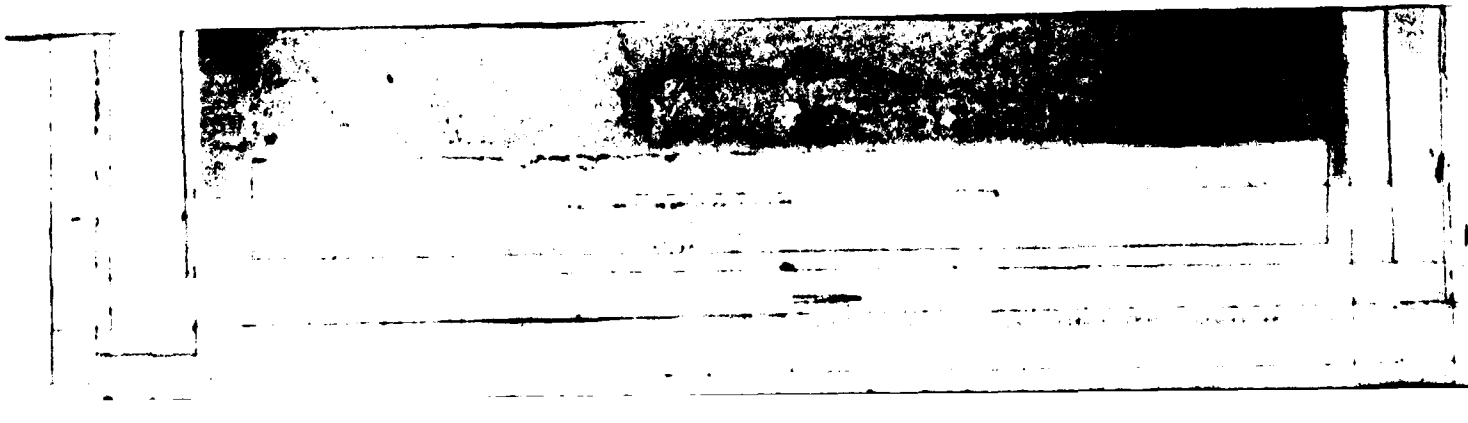
Fog - Included are fog, ice fog, and ground fog.

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).

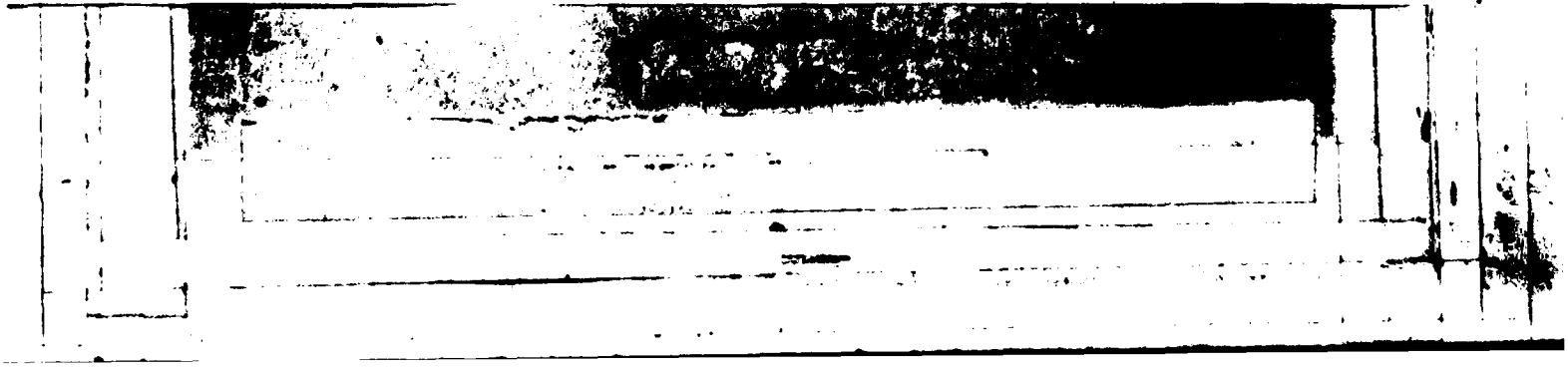
Dust and/or sand - Included are blowing dust, blowing sand, and dust.

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		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT BARO	
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				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Sep 48	Located on top of operation hanger	Selsyn	ML-144B	132 Ft	
2	Jun 53	Located on top of aircraft hanger	Same	Same	124 Ft	
3	Apr 55	Located 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 NOV 83 2

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
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WEATHER CONDITIONS

72575 HILL AFB UT 75-84 J
STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	00-02		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

USAFETAC FORM 0-10-3/OL A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 CENTRAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

425755 HILL AFB UT 75-84 FEB
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
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
ATTN: 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

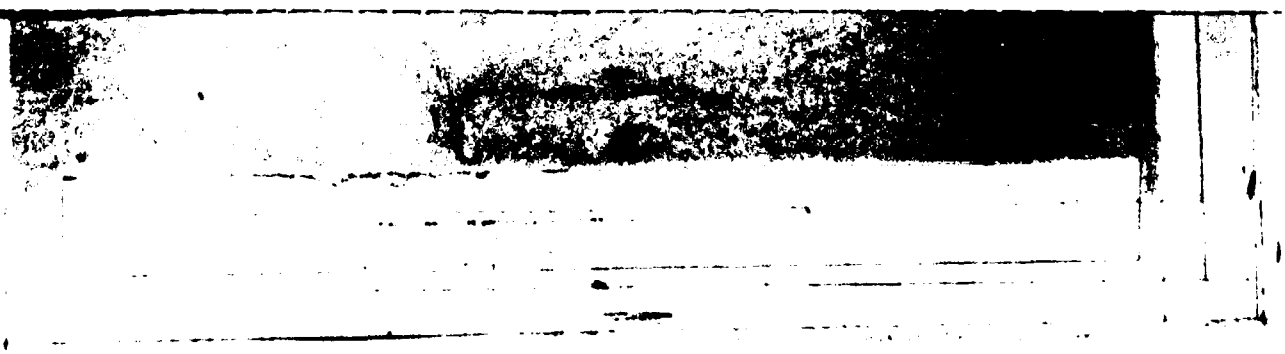
1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

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



GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

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 (L S T)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JUN	00-02	.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

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

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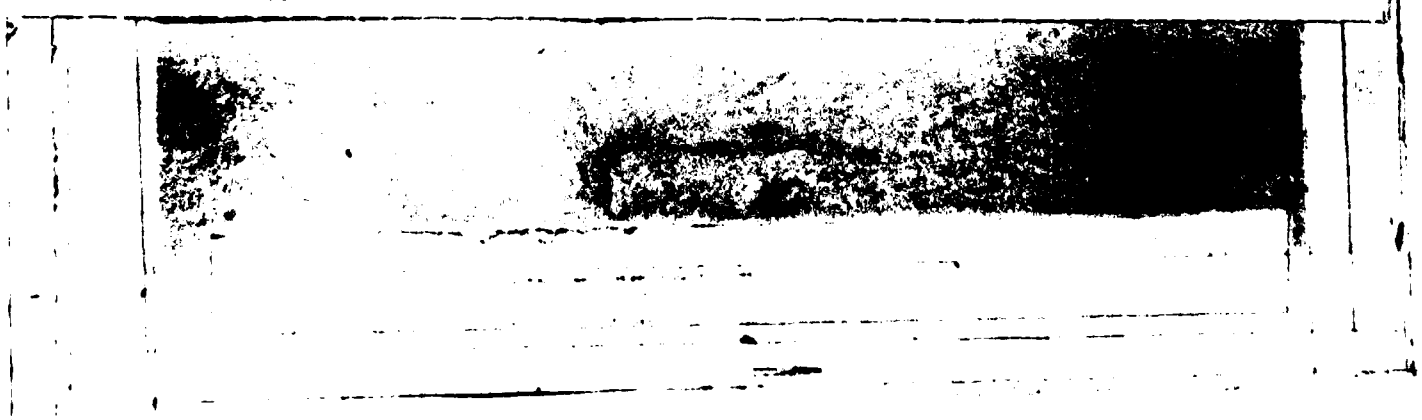
WEATHER CONDITIONS

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

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72575S HILL AFB UT 74-83 AUG
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
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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

726755	HILL AFB UT	74-83	NOV
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
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

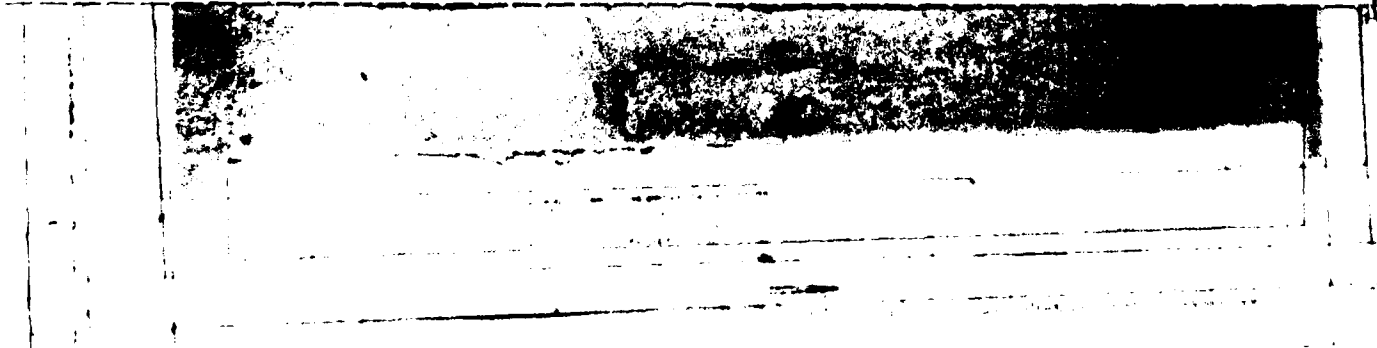
725755 HILL AFB UT 74-83 DEC

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	.1	3.7	.3	11.6		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 AAT 64 0-10-3(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
USAPETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

725755 HILL AFB UT 74-84 ALL
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
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

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] SERVICE/MAC

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

[illegible] STATION | HILL AFB UT STATION NAME | 48-80 YEARS | ALL MONTH

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	49.2	.2	55.6	44.3	28.4	3.2		59.4	35
FEB		.8	19.8	.7	38.9	.4	49.6	31.0	14.4	2.7		38.0	989
MAR		2.9	20.3	.1	37.6	.7	49.6	24.4	2.8	2.9	.4	26.5	1,135
APR		7.2	23.7		25.1	3.1	49.6	17.3	1.0	.5	.4	22.4	1,160
MAY		14.9	41.7	.1	7.0	2.1	42.5	7.5	.6	.1	.2	8.1	1,116
JUN		14.6	32.8		.6	2.3	37.6	3.2	.2			3.1	1,135
JUL		15.2	24.5			.4	24.5	.9	.4		.2	1.5	1,153
AUG		17.8	28.8		.1	.9	34.8	1.3	.4		.2	1.5	1,155
SEP		13.7	27.9		1.2	1.0	38.0	3.2	.4		.1	3.7	1,125
OCT		5.4	25.2	.1	8.9	.5	38.3	5.7	1.2	.1	.4	9.7	1,184
NOV		2.1	23.3	.1	25.1	.3	48.8	22.6	11.2	2.1	.1	30.2	1,150
DEC		.7	18.3	1.3	42.7	.3	60.2	43.8	28.9	2.4		56.7	1,154
TOTALS		8.1	25.6	.3	19.7	.9	39.4	17.5	7.5	1.3	.1	21.6	13811

[illegible]

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

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 HILL AFB UT 41-84
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	51 100	101 250	251 500	501 1000	1001 2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01 04	05 14	15 24	25 34	35 44	45 64	65 104	105 154	155 254	255 504	OVER 504					
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	2.09	5.64	.05
FEB	51.	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.	6.2	2.7	.5					31.2	1302	2.05	4.30	TRACE
APR	54.	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.	5.8	4.8	2.8	1.0					26.0	1302	1.98	6.44	TRACE
JUN	69.	13.8	1.7	3.5	2.5	3.8	3.5	2.6	.6					18.2	1260	1.46	5.14	.08
JUL	76.	13.7	1.5	3.1	1.7	1.6	1.5	.8	.1					11.3	1302	.53	2.16	TRACE
AUG	72.	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.					15.6	1260	1.25	6.17	TRACE
OCT	70.6	9.5	1.8	3.8	2.3	4.0	4.8	2.2	1.1					29.0	1333	1.77	6.39	.10
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	.15
DEC	49.6	16.1	2.6	7.7	6.2	9.4	5.1	3.	.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 OCT 79 0-15-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

12-755 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	1.40	.45	.16	.24	.65	.99	1.06	.70	1.48
43	.70	.93	.94	.37	.56	.63	.45	.27	TRACE	1.23	.15	.63	1.23
44	.62	.44	.63	.72	.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	1.14	1.30	.59	.97	.53	1.69	.09	.66	1.28	1.26	.62	.30	1.69
48	.42	1.11	.75	1.92	1.11	.70	TRACE	.20	1.35	.21	.55	.55	1.92
49	.98	.34	1.82	1.11	.71	.90	.17	.91	.26	1.00	1.15	1.05	1.82
50	.58	.37	.39	.52	.86	.32	.43	.01	.42	.36	.40	1.00	1.00
51	.61	.70	.67	.91	.60	.04	.60	1.61	.25	1.69	.82	.60	1.69
52	1.17	.75	.61	.71	.33	1.10	.25	.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	.24	1.05	.21	.13	1.40	.62	1.40
55	.94	.65	.14	.86	.29	.53	.29	.16	.42	.42	.82	.88	.88
56	.71	.60	.09	.28	.46	.15	.54	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	.09	.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	.41	.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	.24	.64	.55	.60	.70	.31	.14	.38	.47	.55	.72	.72
68	.37	.98	.93	1.11	.47	.91	.15	1.16	.40	1.34	.31	.31	1.34
69	1.18	.88	.20	.51	TRACE	1.36	.20	.30	.38	.31	.29	.35	1.36
70	.40	.36	.44	1.28	.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 0-8-8 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

72 756 HILL AFB UT — STATION / 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
7	.56	.78	.30	.49	.5	.39	.28	1.47	.98	.84	.61	.86	1.47
7	.44	.13	.41	.76	.04	.06	.25	.22	.9	1.26	.65	.44	1.26
7	1.38	.76	1.32	.89	1.14	1.28	.94	.18	1.22	.27	1.28	.83	1.38
7	.27	1.3	.60	1.73	1.04	.18	.26	.25	.04	1.07	.60	.65	1.73
7	.42	.38	1.45	.92	.86	.79	.54	.10	.12	1.91	.26	.23	1.45
7	.13	1.7	.97	.89	.41	.89	1.11	.16	.17	1.28	.05	.05	1.70
7	.7	.35	.27	1. 1	1.21	.05	.98	.69	.43	.32	.19	.50	1.21
7	.93	.78	.86	.70	.33	.06	.08	.88	1.17	TRACE	.68	.63	1.17
7	.73	.69	.54	.26	.46	.36	.07	.48	.09	.85	.49	.42	.85
8	.56	1.0	1.53	.53	1.25	1.22	.37	.21	.84	1.26	.48	.14	1.53
8	1.06	.87	1.09	.28	1.75	.76	.02	.03	.31	1.12	.15	.50	1.75
8	.68	.46	.63	.39	.41	.29	.79	.49	1.53	.94	.72	1.07	1.53
8	.1	.92	1.04	.67	.61	.18	.37	.95	1.13	.93	1.18	.84	1.18
8	.24	.56	.31	.79	.58								
MEAN	.626	.611	.650	.756	.680	.606	.312	.441	.603	.698	.600	.595	1.336
S D	.351	.329	.392	.382	.426	.470	.293	.421	.490	.459	.383	.284	.347
TOTAL OBS	1333	1181	1302	1260	1302	1260	1302	1302	1260	1333	1290	1333	15468

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-8-6 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

72756 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
4										1.99	2.09	2.73	
4	2.09	1.88	1.39	1.69	3.74	.60	.22	.29	.68	1.87	2.58	1.83	18.85
43	.73	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	.12	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	5.79	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	1.77	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	2.05	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	1.79	.81	3.11	1.31	2.44	2.01	15.22
62	2.24	2.84	2.48	2.33	3.06	.63	.64	.15	.73	.69	.58	.19	16.50
63	1.16	.59	1.67	5.75	1.29	2.57	.21	.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	3.13	.17	3.89	.58	2.25	1.25	1.97	23.64
69	2.82	4.13	.76	1.53	TRACE	2.99	.36	.32	.43	1.08	.34	1.52	15.78
7	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 AS 60 0-80-6 (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

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
7	1.72	2.24	.82	2.97	1.6	.54	.09	1.83	1.58	3.44	2.24	4.55	23.62
7	1.56	.37	.72	2.19	.04	.18	.26	.41	2.08	2.34	1.80	3.12	14.87
77	3.28	2.62	4.26	2.03	1.45	1.79	2.07	.50	3.98	.55	2.59	3.44	28.16
7	3.14	1.83	1.32	3.43	1.20	.20	.47	.38	.04	3.72	1.45	2.43	19.49
7	1.64	1.19	3.99	3.66	3.35	2.09	.69	.22	.15	3.91	1.25	.74	22.18
7	.43	3.41	1.21	2.62	.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
7	3.71	2.56	3.66	3.34	.89	.16	.13	1.78	2.12	TRACE	2.91	1.68	22.44
7	2.00	2.61	1.68	.79	1.28	.98	.14	1.26	.09	1.73	1.54	.60	15.60
8	3.53	4.00	3.43	1.58	5.92	1.96	.78	.50	1.56	1.66	1.21	.33	26.46
8	1.77	2.50	3.03	.77	4.64	.49	.02	.04	.41	4.99	.70	2.72	22.08
8	1.98	2.10	3.63	1.35	.94	.95	1.84	.73	5.17	2.49	1.58	2.32	25.98
8	.66	2.26	4.30	2.78	2.9	.61	1.05	3.45	2.95	2.89	3.64	5.74	33.23
8	.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
S D	1.192	.973	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 AS 60 0-80-0 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

725755 HILL AFB UT
STATION STATION NAME

46-84
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	57.9	20.2	6.9	10.0	3.9	2.5	2.2	2.	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.	1.8	.7	.1				20.6	1178	12.7	38.2	TRACE
APR	75.9	11.8	2.6	4.4	1.7	1.	.8	.9	.9	.2				12.4	1140	8.3	37.1	TRACE
MAY	93.	5.2	.3	.5	.3	.2	.1	.1	.3	.1				1.9	1178	2.	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	78.1	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 (OL A) OCT 79 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

[redacted] 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													
47	10.4	4.0	2.0	1.8	.0	.0	.0	.0	.0	.0	5.0	2.0	10.4
48	2.5	8.0	4.4	4.5	TRACE	.0	.0	.0	.0	.5	5.5	5.5	8.0
49	9.8	3.4	10.4	TRACE	.0	.0	.0	.0	.0	9.7	5.4	9.9	10.4
50	6.5	2.8	4.0	5.0	9.6	.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	4.4	.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	.4	.0	.0	.0	.0	.2	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	.4	.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	.1	5.4	8.2	.4	.2	.1	.0	.2	.2	1.5	4.9	8.2
64	5.9	1.2	3.7	5.8	13.1	.0	.0	.0	.0	.2	3.6	2.5	13.1
65	4.3	2.9	TRACE	9.2	3.1	.0	.0	.0	TRACE	.1	.7	3.1	9.2
66	6.4	4.8	2.1	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	.2	.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	1.9	5.6	4.8	8.4	8.4
72	4.0	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													
SD													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC [illegible] 0-80-6 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

[redacted] 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
[redacted]	2.	7.4	6.1	2.8	.	TRACE	.	.	.	.	TRACE	.	7.4
[redacted]	6.7	5.5	3.7	1.4	5.	.	.	.	TRACE	TRACE	2.5	2.0	9.0
[redacted]	5.	5.9	1.0	2.0	TRACE	.	.	TRACE	4.1	TRACE	5.1	7.0	7.0
[redacted]	4.5	6.0	4.9	4.7	.	TRACE	.	.	.	.	3.0	3.7	6.0
[redacted]	6.5	2.0	4.8	TRACE	2.0	.	.	.	.	.8	.7	4.	6.5
[redacted]	12.5	2.6	8.6	TRACE	TRACE	.	.	.	.	TRACE	1.5	3.7	12.5
[redacted]	7.8	5.0	4.7	4.0	TRACE	TRACE	.	.	TRACE	.3	2.0	7.8	7.8
[redacted]	1.4	5.5	8.4	0.7	2.1	.	.	.	.	.	11.8	7.0	11.8
[redacted]	2.0	8.5	3.0	3.8	TRACE								
MEAN	4.44	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	1179	1074	1178	1145	1178	1140	1178	1178	1139	1178	1140	1178	13879

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM [redacted] 0-88-9 (OLA)

...URAL CLIMATOLOGY BRANCH
...AFLTAC
...R WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

...765 HILL AFB UT
STATION 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
4[illegible]						.0	.[illegible]	.0	.[illegible]	4.0	5.3	10.4	
47	27.2	6.4	4.4	4.1	.[illegible]	.0	.[illegible]	.0	.[illegible]	.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.[illegible]	13.3	19.1	TRACE	.[illegible]	.0	.0	.0	.0	13.2	5.4	47.9	139.9
50	12.[illegible]	4.1	11.[illegible]	5.1	19.5	.0	.[illegible]	.0	TRACE	TRACE	5.6	7.8	85.9
51	30.6	12.9	19.2	3.3	.3	.[illegible]	.2	.2	.[illegible]	.8	13.3	26.7	111.5
52	44.[illegible]	27.3	16.2	TRACE	.[illegible]	.0	.[illegible]	.[illegible]	.[illegible]	.[illegible]	9.7	14.0	132.0
53	17.2	4.6	18.2	15.2	TRACE	.0	.[illegible]	.0	.0	4.2	.6	16.6	76.1
54	11.4	5.3	12.[illegible]	.7	TRACE	TRACE	.[illegible]	.0	.[illegible]	TRACE	2.0	6.6	38.0
55	21.4	13.9	.7	11.2	TRACE	.0	.[illegible]	.0	.[illegible]	TRACE	24.0	21.2	98.4
56	10.[illegible]	15.2	1.1	1.0	TRACE	.0	.[illegible]	.[illegible]	.[illegible]	6.4	3.4	6.6	44.3
57	18.6	.5	2.2	1.5	.[illegible]	.0	.[illegible]	.0	.0	.[illegible]	6.2	15.9	44.7
58	13.3	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.[illegible]	39.7
60	11.4	16.6	7.9	1.[illegible]	1.0	.0	.[illegible]	.0	.[illegible]	TRACE	2.2	7.2	47.3
61	TRACE	4.9	6.3	5.0	TRACE	.0	.0	.0	.[illegible]	6.9	20.1	9.3	52.5
62	12.[illegible]	16.[illegible]	22.9	4.9	TRACE	TRACE	.[illegible]	.0	.[illegible]	2.5	1.9	TRACE	70.4
63	6.3	.5	15.6	21.2	.[illegible]	.0	.[illegible]	.0	.[illegible]	.[illegible]	4.3	12.3	60.2
64	20.6	4.1	16.3	13.8	18.6	.0	.[illegible]	.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	.[illegible]	.0	.0	.0	.0	1.3	7.4	9.3	57.4
67	10.9	6.5	10.9	15.8	.[illegible]	.0	.0	.0	.[illegible]	TRACE	5.5	22.7	92.5
68	9.[illegible]	4.7	21.2	4.3	TRACE	.0	.[illegible]	.0	TRACE	TRACE	8.3	26.3	73.8
69	13.3	34.8	2.6	5.2	.[illegible]	.0	.0	.0	.0	2.3	1.9	15.2	75.3
70	2.8	1.5	3.8	37.1	TRACE	.0	.[illegible]	.0	.0	.9	2.0	30.8	79.9
71	11.3	12.7	5.6	3.[illegible]	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.[illegible]	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	.[illegible]	.0	.0	TRACE	TRACE	18.7	93.1
75	18.6	7.6	29.6	26.7	14.[illegible]	TRACE	.[illegible]	.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 [illegible] 0-80-6 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

[redacted] 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	.2	8.3	5.5	77.9
80	20.0	3.9	15.6	TRACE	2.0	.0	.0	.0	.1	.8	1.4	8.5	52.2
81	19.2	8.9	15.3	TRACE	TRACE	.0	.0	.0	.0	TRACE	3.5	16.4	63.4
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	11.8	2.1	.0	.0	.0	.0	.0	23.3	56.2	139.8
84	8.	20.2	16.5	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 0-8-5 (OL-A)

L PAL CLIMATOLOGY BRANCH
-ETAC
A[illegible] EATHER SERVICE/MAC

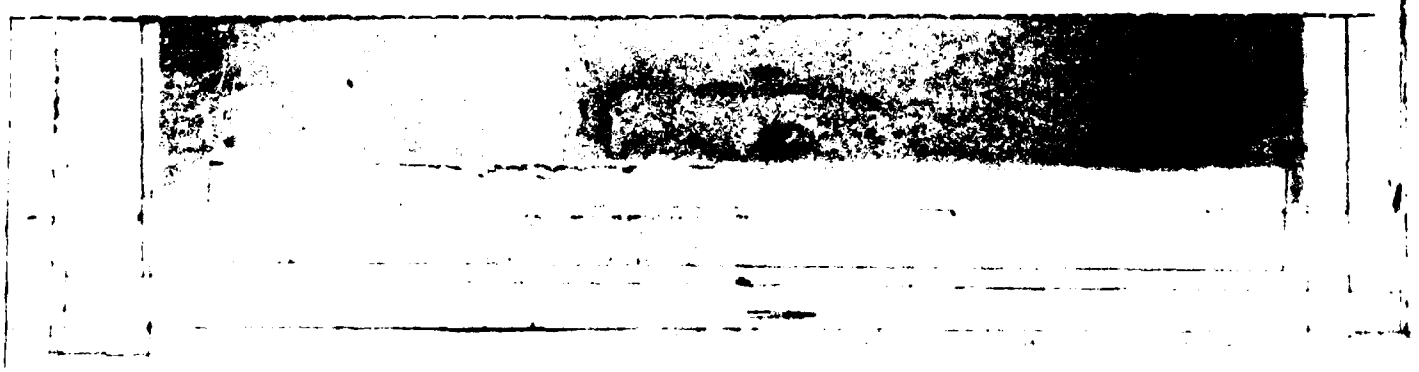
DAILY AMOUNTS

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	0.01 0.04	0.05 0.09	0.10 0.24	0.25 0.49	0.50 0.99	1.00 2.49	2.50 4.99	5.00 9.99	10.00 24.99	25.00 49.99	50.00 99.99	OVER 100			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	9.7	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	1187			
MAR	6.0	8.1	6.9	5.1	4.7	8.6	4.5	2.1							32.0	1302			
APR	68.7	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	100.0															1260			
JUL	100.0															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



...CLIMATOLOGY BRANCH
...
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

...LE STATION HILL AFB UT STATION NAME 41-84 YEARS

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	4	8						5	2	2	24
43			7	3						TRACE	0	5	7
44	-	14	14	14	2						3	5	14
45			7	7	4						4	7	7
46	-										5	8	
47			11	4	3						4	7	11
48	-	7	11	4	5	TRACE					5	12	12
49		24	38	12	TRACE						TRACE	22	38
50	-	16	7	3						TRACE	6	2	16
51		14	5	9						TRACE	5	14	14
52	-	14	13	19	3						5	12	19
53			1	5	7						TRACE	7	15
54	-		4	7							TRACE	3	8
55			12	7	5	TRACE					12	12	22
56	-		6	1	1					TRACE	5	6	6
57		7	7	1	1						4	7	7
58	-	5	5	3	1						2	1	5
59		6	9	TRACE	TRACE						TRACE	3	9
60	-	8	5	8	TRACE						TRACE	7	8
61	TRACE	5	3	1						5	8	4	8
62	-	15	8	4	1					TRACE	1	TRACE	15
63	-	4	1	7	5						2	5	7
64	-	14	7	7	3	4					4	4	14
65	-	6	5	1	10	4					2	4	10
66	-	8	14	2	1						3	2	14
67		15	4	5	4						0	13	15
68	-	11	8	12	2						7	10	12
69	-	12	19	14	3						0	6	19
70		6	1	2	12	3					1	12	13
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AWS 0-80-3 (OLA)

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

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

...75 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
...	1	5	3	3						4	5	12	12
...		4	TRACE	6						4	3	10	10
...		15	13	2							6	8	15
7...	13	8	9	0		0		0			0	9	13
7...	4	5	8	7	6		0	0		2	12	7	14
7...		9	6	3		0		0		0	2	1	9
77	7	6	7	12	3		0			0	4	1	12
7...	2	6	2	1		0	0	0		0	7	7	7
7...	1	22	6	4		0	0	0		0	7	5	22
8...	13	12	4	TRACE	TRACE	0	0	0		TRACE	5	6	13
8...	13	17	6	2		0	0	0		0	2	7	13
8...	16	16	5	4		0	0	0		2	1	8	16
8...	5	6	6	4	1	0	0	0		0	8	27	27
8...	22	1	12	4									
MEAN	10.7	9.3	6.8	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	1362	1260	1362	1260	1362	1302	1260	1393	1290	1333	15464

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 66 0-88-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

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

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

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

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

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

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

C

LOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

7356 HILL AFB UT 43-84
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
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
6	ENE	46ENE	38SSE	67SSW	46ENE	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
53	E	4 NE	58S	57S	37WNW	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	42SW	51E	53SSW	44S	38ENE	38NNW	36NNW	41S	57 S 57
56	WNW	49SW	43SE	36NW	62N	*39E	38SE	46E	35SW	35S	42N	43N	33 NW 52
57	E	66S	34W	50E	50SSW	*46S	42ENE	50W	59ENE	33NE	44N	48NW	33 E 65
58	NNE	38S	34ENE	39ENE	35SSE	38NNW	35NW	38SW	40S	34E	46WNW	33NW	24 E 46
59	SSE	41NE	39NNW	45NNE	38S	42SW	38E	41S	35ENE	34E	41NNW	34E	28 E 61
60	S	24NW	35NNW	19S	42S	43NNW	38ENE	38NNW	42E	32E	37E	45E	48 E 42
61	E	44S	29E	73SW	47SW	39SSW	38W	60SSW	38NNE	40E	58E	51NW	39 E 73
62	E	48S	32SSE	39NNW	34SSW	30NNW	38ENE	*34SW	47E	24S	*45NNW	25E	22 E 48
63	SSE	73E	59E	53SSW	*49S	*37SSE	*40ESE	*29SSE	*32SW	*27S	38NW	*28E	*25 E 59
64	S	*39NNW	24SSE	*36E	*71S	*33W	*37E	*23SE	*35NW	*32W	*39ENE	*66W	*40 E *71
65	S	*40WNW	*33E	*29SSE	*47SE	*27S	*38W	*36N	*28SSE	*30SSE	*23S	*31SW	*33 S *40
66	E	25E	32NW	35NW	32S	46NW	39SW	71SW	61WSW	38NW	29SSE	33W	49 SW 66
67	SW	38SW	33S	43SW	52SSW	47S	32E	32ENE	35N	32SSW	34SSW	36SE	52 SW 52
68	SW	40E	40N	41E	44SW	46NNW	27/23/	34/24/	19/22/	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
70		17/ 32/17/	39 8/	57 6/	44/23/	55/17/	43/23/	47/15/	48/18/	44/25/	39/14/	41/31/	44 8/ 57
71		6/ 38/18/	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/	38/27/	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/	39/34/	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/	42/29/	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/	38 8/	44/17/	48/32/	42/29/	42/32/	38/29/	40/21/	46 9/	38 8/	68 8/	61 8/ 68
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-8 (OL-A)

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

L RAL CLIMATOLOGY BRANCH
ETAC
ATR 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-	e/ 48	8/ 41	d/ 49	1/ 44	22/ 46	17/ 45	2-/ 42	14/ 37	6/ 40	10/ 42	7/ 34	11/ 35	8/ 49
8-	10/ 52	c/ 5-25/	45	17/ 36	23/ 46	32/ 39	16/ 36	21/ 36	9/ 37	17/ 37	9/ 28	18/ 38	10/ 52
9-	1-/ 37	18/ 43	34/ 37	17/ 36	2-/ 42	35/ 39	16/ 41	8/ 45	9/ 3-	21/ 42	33/ 39	29/ 41	8/ 45
8-	20/ 39	10/ 34	21/ 38	34/ 39	21/ 41	16/ 44	35/ 42	18/ 50	10/ 40	11/ 25	11/ 32	11/ 46	18/ 50
9-	31/ 44	3-/ 38	34/ 39	8/ 40	8/ 42	22/ 40	19/ 46	10/ 36	18/ 44	35/ 34	3-/ 38	10/ 48	8/ 90
84	9/ 4-	34/ 32	8/ 48	6/ 38	23/ 5-								
MEAN	40.4	39.-	45.4	44.5	47.-	41.1	42.8	43.5	39.3	40.9	39.6	39.7	57.4
S D	9.998	7.293	9.351	1.769	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. 0-88-3 (OLA)

- (BASED ON LESS THAN FULL MONTHS AND +10[illegible] KNOTS

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

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOLLOMAN AFB, NM)

[illegible] HILL AFB UT — STATION / STATION NAME — 75-84 — YEARS — JAN — 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	1.2	1.0	.3									2.5	4.2
NNE	.2	.2										.4	3.3
NE	.2											.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	1.0	.3								5.4	5.1
S	2.2	2.9	2.9	2.7	.6	.2						11.5	8.4
SSW	.1	1.3	.9	.8	.5							4.2	8.7
SW	.5	.8	.4									1.8	4.6
WSW	.5	.4	.1	.1								1.1	4.5
W	.3	.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	1.5	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 AIR 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, T (STATION NAME) 75-84 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

0300-0500 (L.S.T.)

(CONDITION)

SPEED (KNTS) DIR	1 - 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												23.3	
	11.6	21.7	28.3	18.3	2.6	1.0	.2					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 916

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)

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	.5	.6	.1								2.3	5.1
NNE	.6	.2	.1									1.0	3.1
NE	.1	.1										.2	3.5
ENE	.2	.1	.2									.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	2.0	.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	.2	.1	.2								.9	6.0
W	.2	.9	.2									1.4	5.4
WNW	.2	.2	.1									.6	4.0
NW	.5	.1	.2									1.0	4.2
NNW	1.2	.4	.5	.1								2.3	4.9
VARBL													
CALM												18.1	
	12.4	18.2	28.6	22.6	3.4	.8						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JAN 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) 75-84 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

0000-1100 (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	1.6	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					3[illegible].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	1.9	.5							11.0	8.8
SSW	.9	2.4	1.4	1.1	.2	.3						6.1	8.3
SW	.2	.9	.1									1.1	4.5
WSW	.4	.5	.4	.1								1.5	5.3
W	.4	.6	.2			.1						1.4	5.8
WNW	.1	.1	.1									.5	3.6
NW	.5	.2		.3								1.1	6.4
NNW	1.2	.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)

7[illegible]5 (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.?	1.6	.6	.4	.1							4.1	5.8
NNE	.1	.4	.?	.?								.9	6.1
NE	.?											.3	1.7
ENE	.?	.2										.5	3.C
E	2.3	1.9	1.9	.6	.2	.4	.2					7.6	7.8
ESE	1.2	4.4	5.5	1.8	.1							13.C	7.4
SE	1.3	2.C	1.4	.2	.1							5.6	5.8
SSE	1.4	.9	.C	.4								3.1	5.2
S	1.3	4.2	3.?	3.5	.8							12.9	8.6
SSW	1.5	3.2	1.C	1.3	.2	.1						9.4	7.3
SW	1.5	.8	.5	.4								3.3	5.?
WSW	1.C	.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.C	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.C	5.1

TOTAL NUMBER OF OBSERVATIONS 93C

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

FLOBAL 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 ~~(A)~~ 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	.1	.2									.6	4.2
ENE	.2		.3	.2								.8	6.4
E	1.5	1.2	.5	.4	.3	.3						4.3	7.8
ESE	1.3	3.1	1.7	.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	8.6
SSW	1.3	2.0	1.9	1.2	.2							7.2	7.2
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	.1								3.9	4.6
WNW	1.6	.8	.3		.1							2.8	4.3
NW	1.7	2.2	.5	.2		.1						4.7	5.2
NNW	2.3	4.4	1.8	.3								8.9	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 ~~936~~

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] [illegible] AFB, I — 75-84 — JAN

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 18:C-2(C(

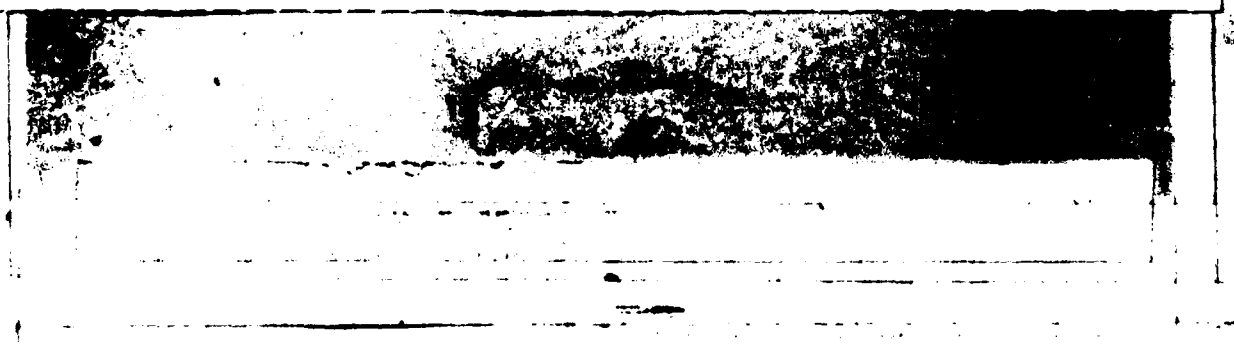
CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.[illegible]	3.4	.9	.4								8.3	4.3
NNE	1.7	.5		.1								1.9	3.4
NE	.[illegible]		.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	2.4	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	.6	.5	.2									1.4	3.9
NW	.3	.8	.1									1.6	3.8
NNW	2.3	2.9	.9	.1								5.6	4.2
VARBL													
CALM												31.9	
	21.9	24.3	12.5	6.1	1.6	.1	.1					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 93C

USAFETAC FORM AIR 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 HILL AFB UT 75-84 [illegible]
STATION STATION NAME YEARS

ALL WEATHER 2100-2300 (L.S.T.)
CLASS 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	.8	.2	.2									1.2	4.6
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.[illegible]	4.7	.3							22.C	7.9
SE	2.[illegible]	3.8	1.5	.5								8.3	5.3
SSE	1.[illegible]	2.[illegible]	.9	.2								4.9	5.C
S	2.[illegible]	3.2	2.9	3.2	1.2	.1						13.C	8.5
SSW	[illegible].1	1.9	.8	.6	.1							4.5	6.2
SW	.[illegible]	.9	.1									1.7	3.8
WSW	.[illegible]	.4	.1									.9	4.1
W	[illegible].1	.5	.3	.1								2.C	4.3
WNW	.[illegible]	.2	.1									.5	4.4
NW	.9	.4	.[illegible]									1.5	4.4
NNW	.[illegible]	1.2	.8									2.7	4.9
VARBL													
CALM												27.3	
	18.2	23.8	17.5	10.8	1.9	.2	.3					100.C	4.0

TOTAL NUMBER OF OBSERVATIONS 836

USAFETAC FORM AA 60 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...GLOBAL CLIMATOLOGY BRANCH
...SAFETAC
...AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

...755 (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	1.7	1.7	.6	.2	.1							4.3	4.9
NNE	.6	.7	.3	.0								1.0	3.8
NE	.2	.1	.0									.5	3.1
ENE	.1	.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	1.2	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	1.0	2.0	1.3	.8	.3	.1						5.5	7.5
SW	.2	.9	.3	.1								2.2	4.7
WSW	.0	.5	.2	.1								1.4	4.6
W	.2	.2	.4	.1		.0						2.2	5.0
WNW	.6	.4	.1	.1	.0							1.1	4.3
NW	.3	.7	.4	.1	.0	.0						2.1	5.0
NNW	1.4	1.7	.9	.1	.0							4.2	4.9
VARBL													
CALM												22.8	
	18.1	22.9	19.8	11.5	2.2	.5	.2	.0				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 7480

USAFETAC FORM AIR 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)

7455 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) FEB (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	.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	.6	19.1	3.4	.4							39.5	8.7
SE	1.3	2.3	1.6	.7								6.4	6.3
SSE	1.2	3.5	1.5	.2	.1							6.6	5.7
S	1.4	1.4	4.1	3.9	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 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L PAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[redacted] HILL AFB UT — 75-84 — FEB

ALL WEATHER

[redacted]

SPEED (KNTS) DIR	1 - 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								1.6	7.8
NNE	.3											.5	1.8
NE	.1											.2	1.5
ENE	.1											.2	2.2
E	1.1	1.6	1.4	2.2	1.2	.4	.1					7.8	10.7
ESE	1.8	5.9	15.7	17.6	1.5							42.6	10.1
SE	1.6	2.7	2.2	1.1								7.4	6.4
SSE	.8	1.9	.8	.1								3.7	5.4
S	1.4	2.9	5.2	3.8	.9							14.3	9.2
SSW	.6	.7	1.2	.1								2.6	6.3
SW	.2	.7	.2	.1								1.5	6.2
WSW		.1	.1									.2	7.5
W	.2	.4	.2	.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 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)

~~72756~~ STATION — HILL AFB UT STATION NAME — ~~56-64~~ YEARS — ~~FEB~~ MONTH

ALL WEATHER CLASS — ~~0600-0900~~ 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	.5	.9	.7	.6	.1							2.4	7.4
NNE	.1		.2									.4	6.7
NE	.1											.1	2.0
ENE	.1											.4	2.3
E	.5	1.2	2.1	1.9	.7	.4						7.1	10.6
ESE	.3	2.3	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	.2	1.2	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	8.6
WNW	.2	.4	.5									1.1	6.3
NW	.1	.4	.1	.1								.7	6.5
NNW	.2	.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)

[redacted] STATION | WILL AFB LI 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						36.9	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	.3	1.1	1.9	1.1	.1							4.6	8.0
SW	.4	.9	.2									1.4	4.3
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 889

USAFETAC FORM AIR 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)

~~725~~ HILL AFB UT — ~~76-84~~ — ~~FEB~~
STATION — STATION NAME — YEARS — HOURS

ALL WEATHER
CLASS

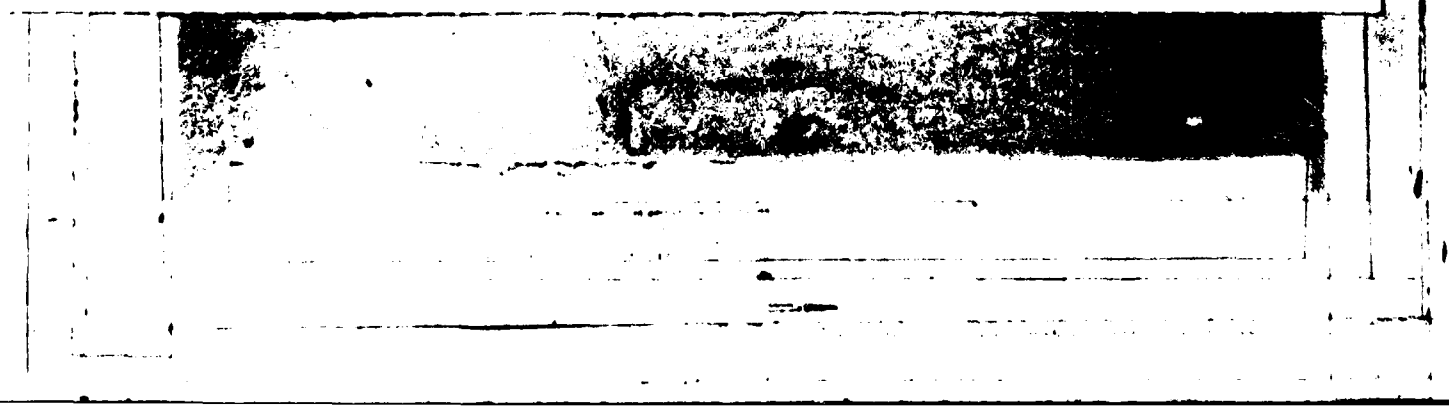
~~1200-1800~~ LST
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	4.6
NE	.2		.2									.5	5.6
ENE	.6	.2		.1								.9	4.6
E	1.4	1.9	.9	.7	.5							5.4	7.6
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	6.6
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	5.6
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	.2	.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 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)

72-755 STATION — HILL AFB UT STATION NAME — 75-84 YEARS — ESA 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	1.4	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.-	2.2	.7	.1								5.1	4.6
NNW	3.9	5.7	1.4	1.3								11.8	5.3
VARBL													
CALM												21.3	
	27.2	29.7	13.5	11.0	1.1	.2						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 848

USAFETAC FORM AIR 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 ~~CCB~~ SOURCE

ALL WEATHER CLASS ~~1000-2000~~ 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	.8											.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	7.3	5.1	4.6	1.4	.1							14.5	6.4
SE	2.5	3.1	.7	.3								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	.6	.5	.1	.1								1.3	4.6
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	
	31.3	25.0	15.8	7.9	.8	.7	.2					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS ~~849~~

...RAL CLIMATOLOGY BRANCH
...SAFETAC
...AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

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

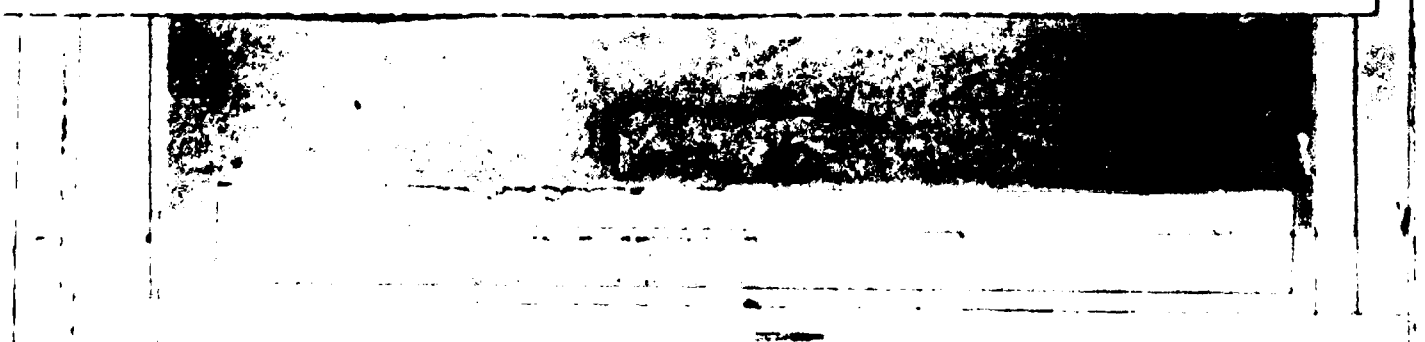
ALL WEATHER (CLASS)

(CONDITION)

SPEED (KNTS) DIR	1 - 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								2.6	5.6
NNE	.7											.7	2.3
NE	.5		.1									.6	3.8
ENE	.7	.2	.1	.1								.7	5.7
E	1.7	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	1.5	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	.7	.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	8.5
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 AA 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



...AL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

SURFACE WINDS

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

72765 MILL AFH VT — 76-84 — FEB

ALL WEATHER — ALL

SPEED (KNTS) DIR.	1 - 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	.1	.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	5.1	.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	5.6
VARBL													
CALM												16.4	
	14.9	23.2	28.7	17.6	2.7	.5	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 6792

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)

23275 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

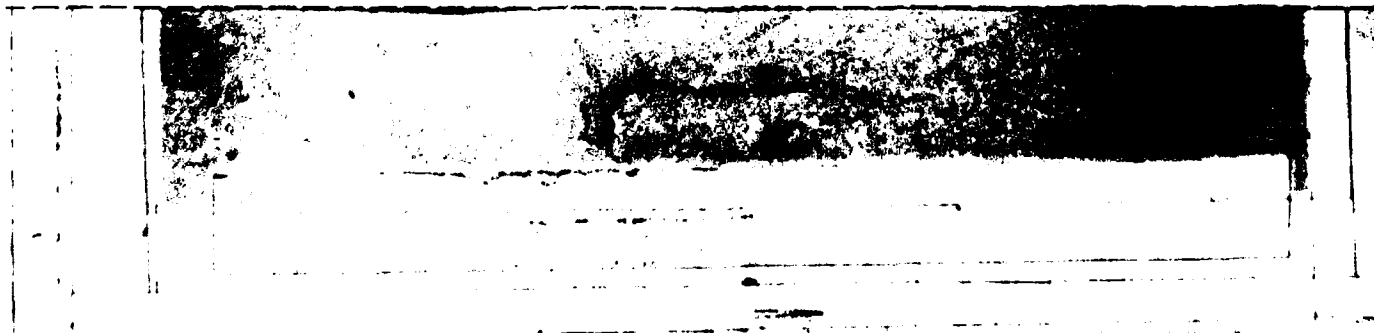
(CONDITION)

0000-0300 (HOUR (L.S.T.))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.1	1.4	.3								3.7	6.6
NNE	.9	.3	.2									1.3	4.1
NE		.2	.1									.3	6.0
ENE	.1	.2	.2									.8	4.6
E	.1	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	2.1	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	.1									.6	5.2
WSW	.1	.4	.2									.9	5.4
W	.2	.2	.3	.3								1.1	7.6
WNW	.2	.2	.1	.2								.8	6.9
NW	.1	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	39.1	16.8	1.4	.8						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM AIR 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 ~~HAR~~ MONTH

ALL WEATHER CLASS

~~0100-0500~~ 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	8.6
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	2.3	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	1.7	.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)

[illegible] HILL AFB UT — 75-84 — MAR

STATION / STATION NAME / YEARS / MONTH

ALL WEATHERS

CLASS

0600-0800

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.1	.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	1.2	.9	1.4	2.0	1.2	.3	.1					7.0	11.4
ESE	1.9	4.6	14.9	18.1	.4							39.9	10.1
SE	1.7	1.6	1.5	.1								4.5	5.6
SSE	1.3	2.3	1.6	.3	.1							5.6	5.8
S	1.2	2.7	5.1	3.4	.9							13.0	9.4
SSW	.4	.9	1.7	.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	.2	.1								1.1	5.9
NW	.2	.5	.8	.2								1.7	6.9
NNW	1.2	1.6	1.4	.4		.1						4.5	6.8
VARBL													
CALM												10.4	
	15.9	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
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

7755 (STATION) MILL AFB CI (STATION NAME) 75-84 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

(HOURS (L.S.T.))

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.8	2.2	1.0	.1							6.8	7.1
NNE	.5	.4	.1									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						6.6	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							3.8	7.1
S	.3	3.0	5.3	5.6	1.7	.5						16.9	11.0
SSW	.3	2.2	1.5	1.3	.4	.1						6.8	8.6
SW	.5	1.1	.6	.1								2.4	5.3
WSW	.2	.3	1.0	.2	.2							2.5	7.7
W	.0	1.2	.3	.6	.1							3.4	7.2
WNW	.3			.1								.6	4.2
NW	.2	1.4	.3	.3								2.3	6.0
NNW	.6	2.0	1.5	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	7.0

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (GL 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 — HILL AFB UT STATION NAME — 75-84 YEARS — MAR MONTH

ALL WEATHER CLASS — 12 G-14 GG HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 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	2.0	2.3	.2	.3	.1						6.2	6.6
NNE	.4	.4	.3									1.2	4.7
NE	.2	.4	.2									.9	5.1
ENE	.2	.3			.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	.2	.5	1.4	.3								2.9	7.3
W	1.5	2.8	3.4	2.2	.2							10.1	7.8
WNW	.2	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	25.1	17.1	5.6	.9	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 930

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

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

SURFACE WINDS

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

~~7755~~ STATION ~~MILL AFB LT~~ STATION NAME ~~75-84~~ YEARS ~~MAR~~ MONTH

ALL WEATHER CLASS ~~15:C-17CC~~ 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	1.3	2.5	2.6	.8	.1	.2						8.3	7.2
NNE	.5	1.2	1.2	.1								2.8	5.6
NE	.4	.2	.1									.8	4.C
ENE	.4	.2	.2									1.C	4.3
E	.3	1.4	.5	1.6	.3							4.6	8.9
ESE	.4	1.1	.3	.2								2.5	6.C
SE	1.1	.8	.3	.2								2.4	4.8
SSE	.6	1.-	.5	.9								3.2	7.5
S	.3	1.1	4.1	4.5	.9	.4						11.3	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.-	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												1C.6	
	15.6	3C.6	25.2	14.2	2.5	1.2	.1					1CC.0	6.7

TOTAL NUMBER OF OBSERVATIONS ~~93C~~

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

...LOBAL CLIMATOLOGY BRANCH
...SAFETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

72765 — HILL AFB UT (STATION NAME) — 75-84 (YEARS) — MAR (MONTH)

ALL WEATHER (CLASS) — 18:C-2CCC (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	2.3	3.4	2.8	.9	.4	.1	.1					10.6	7.4
NNE	.5	.1	.1									.8	3.1
NE	.3	.1										.4	2.5
ENE	.1	.1		.1								.3	7.3
E	1.4	1.1	1.3	1.2	.4							5.3	7.7
ESE	2.5	4.2	3.4	.3								10.4	5.8
SE	2.4	1.3	.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	.7	1.9	1.1	.9	.3							4.5	8.3
SW	1.1	1.3	.7	.2		.1						3.C	5.5
WSW	.5	1.C	.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.C	.4								3.5	6.C
NNW	1.7	2.7	1.6	.9	.1							7.C	6.1
VARBL													
CALM												21.7	
	19.1	28.C	19.1	9.5	2.2	.3	.1					1CC.C	5.2

TOTAL NUMBER OF OBSERVATIONS 93C

USAFETAC FORM AIR 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)

~~7735~~ STATION ~~HILL AFB UT~~ STATION NAME ~~75-84~~ YEARS ~~MAR~~ MONTH

ALL WEATHER CLASS ~~21-C=23CC~~ HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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.C
E	1.3	1.9	1.3	1.5	.5	.2	.1					6.1	8.4
ESE	2.7	3.7	13.8	2.2								27.8	7.1
SE	1.7	3.3	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.[illegible]	.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		.[illegible]	.1		.1							.4	9.3
NNW	.8	1.4	.9	1.1	.2	.1						4.3	8.3
VARBL													
CALM												19.C	
	11.[illegible]	28.4	29.2	9.C	1.8	.8	.1					1CC.C	6.9

TOTAL NUMBER OF OBSERVATIONS ~~93C~~

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

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

SURFACE WINDS

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

[illegible] HILL AFB UT — 75-84 — MAR

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — ALL

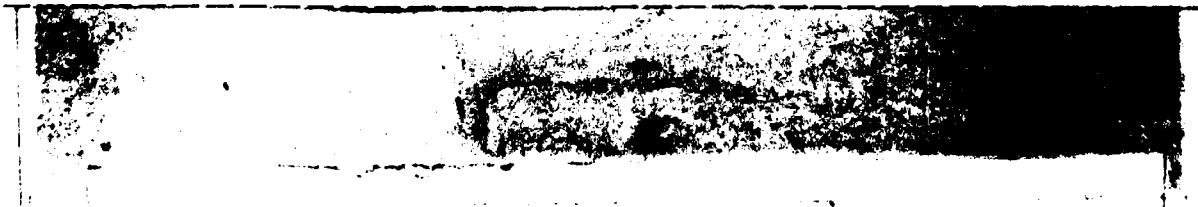
CLASS — HOURS (L.S.T.)

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	2.1	1.9	.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	1.7	4.7	10.4	6.1	.2							23.2	8.6
SE	1.6	1.9	1.2	.2	.0							4.9	5.2
SSE	1.2	2.0	1.3	.5	.0							4.8	6.2
S	1.2	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	.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	
	17.4	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 HILL AFB UT 76-84 APR

STATION STATION NAME YEARS MONTH

ALL WEATHER 0000-2300

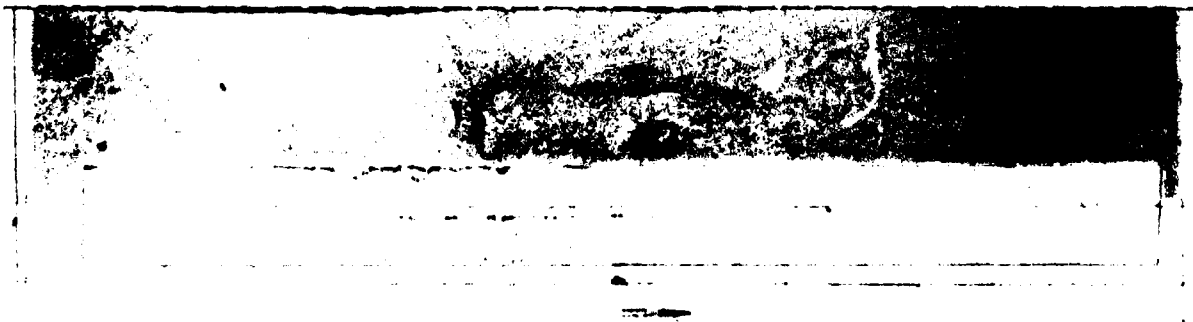
CLASS HOUR (L.S.T.)

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	7.6
NNE	.6	.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	1.2	2.1	2.4	.7	.1	.2	.1				7.3	11.4
ESE	1.5	6.7	22.7	12.2	.3							43.7	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	1.2	.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	.2	.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 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)

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

ALL WEATHER (CLASS)

0100-0500 (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.[illegible]	2.0	1.3	.3								4.7	6.6
NNE	1.[illegible]	.4	.2	.1								1.8	4.4
NE	.7	.3	.1									1.1	3.7
ENE	.[illegible]	.1			.1	.1						.6	9.4
E	.9	1.[illegible]	1.7	2.7	.7	.2		.3				7.0	12.1
ESE	1.[illegible]	4.4	17.7	19.0	.1	.2						42.1	10.2
SE	.7	2.7	1.7	.9								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	.[illegible]	1.7	.9	.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	.7	.3	.4	.2								1.3	6.7
NW	.6	.8	.6									1.9	5.6
NNW	1.[illegible]	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)

72765 MILL AFB UT — 75-84 — ~~ANN~~

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — ~~0600-0900~~

CLASS — TIME (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	1.4	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	.2	.3	.1	.1								.8	5.3
E	.4	.9	1.1	2.6	1.C	.4	.1	.2				6.8	13.2
ESE	1.3	4.8	14.9	21.4	1.2							43.7	10.6
SE	1.1	1.4	1.9	.9								5.3	7.1
SSE	.5	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.C
WSW		.2	.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	1.1	.4									1.9	5.1
NNW	.9	2.3	.6	.4								4.2	5.9
VARBL													
CALM												8.2	
	9.C	19.4	26.3	12.7	3.8	.6	.1	.2				1CC.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.[illegible]	.1										1.1	2.8
ENE	.[illegible]	.1	.1	.1	.2	.2						.9	13.6
E	.8	1.7	1.6	2.8	1.[illegible]	.3	.1	.3				8.6	12.3
ESE	.9	3.6	7.2	4.7	.2							16.6	8.9
SE	.8	1.[illegible]	.9	.3								3.0	6.1
SSE	.7	1.1	1.2	.6								3.6	6.7
S	1.[illegible]	2.9	4.6	6.1	4.1	.3						19.3	11.6
SSW	.[illegible]	1.8	2.[illegible]	1.3	.3	.1						6.4	8.6
SW	1.[illegible]	1.3	1.1	.3								4.2	5.8
WSW	.2	.9	1.3	.[illegible]	.1							2.7	7.8
W	1.[illegible]	.9	1.8	.7								4.3	6.8
WNW	.7	1.2	.9	.2								3.0	5.8
NW	.[illegible]	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 AUL 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 ~~MILL AF3 LI~~ STATION NAME ~~75-84~~ YEARS ~~ANN~~ MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	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	.9	1.3	.9		.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	.9	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	7.6
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	.9	2.4	2.9	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 HILL AFB UT 75-84 ~~ANN~~
STATION / STATION NAME / YEARS / MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	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	.1	.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	.9	.7	.2							2.6	8.4
S	1.1	1.7	3.2	2.8	2.1	.2						11.1	11.0
SSW	1.1	1.9	1.9	1.9	.4	.1						7.1	8.9
SW	1.1	2.2	2.3	.8	.3	.1						6.8	7.9
WSW	.7	2.9	1.9	.8		.1						6.2	6.8
W	1.9	4.7	5.3	1.1	.1							13.1	6.8
WNW	1.1	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	37.9	12.2	4.6	.8	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 900

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

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

SURFACE WINDS

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

~~...755~~ 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.C
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.C	.7								7.4	6.1
SE	.9	1.7	.8	.1								3.4	5.1
SSE	.9	1.6	1.2	.8	.2		.1					4.4	7.6
S	.6	2.3	3.9	2.6	.7	.2						1C.7	8.1
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.C	.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.C	
	19.2	29.2	19.1	1C.1	2.3	.8	.2					1CC.0	6.5

TOTAL NUMBER OF OBSERVATIONS ~~900~~

USAFETAC FORM AIR 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)

[redacted] HILL AFB UT — 75-84 — APR

STATION / STATION NAME / YEARS / MONTH

ALL WEATHER — 21[redacted]-23[redacted]

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	.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	.2	.1	.2		.1							1.2	6.0
E	1.3	2.[redacted]	1.9	2.[redacted]	.1	.1	.2					7.7	8.6
ESE	7.6	10.7	18.7	7.9								35.8	7.4
SE	1.[redacted]	2.1	2.[redacted]	.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.[redacted]	.1								2.8	6.2
SW	.2	.4	.1	.2	.2							1.1	8.5
WSW	.2	.3	.1	.1	.1							.9	7.6
W	.5	.6	.5		.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 [redacted]900

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

...RAL CLIMATOLOGY BRANCH
...SFETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...755 (STATION) MILL AFB LI (STATION NAME) 75-84 (YEARS) ALL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.7	2.2	1.0	.1	.0						7.1	7.0
NNE	.2	.6	.5	.1								2.2	4.8
NE	.4	.4	.1	.1	.0							1.1	5.4
ENE	.1	.2	.2	.1	.1	.1						1.0	8.4
E	.3	1.1	1.4	1.9	.6	.2	.1	.1				6.2	11.1
ESE	1.1	4.4	10.1	7.8	.3	.0						24.1	9.1
SE	.1	1.8	1.4	.3								4.3	6.2
SSE	.5	1.5	1.1	.6	.1	.0	.0					3.8	7.4
S	.1	2.4	3.1	3.5	1.6	.3	.0					11.8	10.1
SSW	.5	1.7	1.4	.8	.3	.1						4.8	8.2
SW	.3	1.1	.5	.4	.1	.0						3.5	6.8
WSW	.4	1.1	.8	.3	.0	.0						2.6	6.1
W	1.0	1.7	1.6	.5	.1							4.9	6.6
WNW	.6	1.1	.9	.3	.0							3.1	6.3
NW	.1	1.6	1.1	.3	.0							3.1	6.1
NNW	1.0	2.0	1.9	.1	.2	.1						5.8	7.2
VARBL			.0									.0	9.0
CALM												9.9	
	11.3	25.8	29.0	18.8	3.6	.7	.2	.1				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 7200

USAFETAC FORM AIR 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)

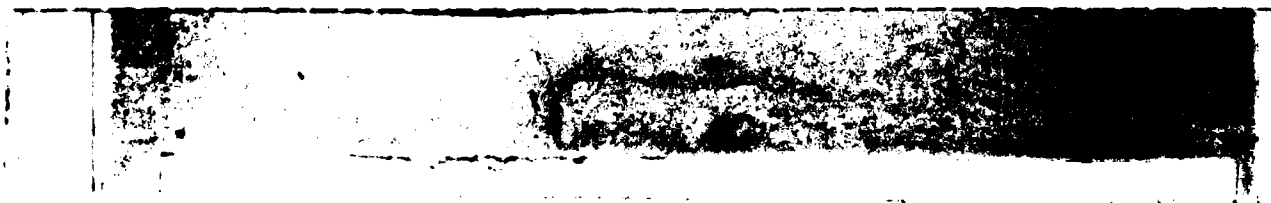
[illegible] HILL AFB UT — 75-84 — MAY

ALL WEATHER — 0000-0300

SPEED (KNTS) DIR	1 - 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								4.2	5.6
NNE	.1	.6	.7	.1								1.2	6.3
NE	.3	.4	.4	.1								1.2	6.3
ENE	.3		.7	.1								1.2	5.1
E	.5	1.7	1.7	1.4	.3	.1						5.9	8.9
ESE	2.7	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	.3	.3	.6	.2		.1						1.5	9.1
SW	.3	.3	.7									1.3	5.5
WSW	.1	.1	.2	.2								.6	9.5
W	.[illegible]	.3	.1	.3								.9	7.9
WNW		.1	.1	.1								.3	8.7
NW	.3	.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 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



...TRAL 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 ~~0100-0500~~ 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	1.6	1.2	1.3	.4								4.8	5.6
NNE	1.1	.6										1.7	3.6
NE	.5	.1										.6	2.7
ENE	.1	.1	.2									.4	6.6
E	1.2	1.3	1.7	1.1	.8	.1						6.1	9.2
ESE	2.1	6.3	21.8	18.2	.8							48.8	9.7
SE	1.5	2.6	2.6	.9								7.5	6.5
SSE	.5	2.2	.9	.1								3.7	5.7
S	.4	1.6	4.6	2.2	.5	.1						9.5	9.2
SSW	.1	.5	1.2	.2								2.0	6.8
SW	.1	.2	.9	.1								.9	7.5
WSW	.2	.1	.3	.1	.2							1.0	9.6
W		.3	.4	.1								.9	8.1
WNW	.1	.2	.1									.6	4.0
NW	.1	.2	.1									.6	5.8
NNW	.1	1.2	.4	.3								2.3	6.7
VARBL													
CALM												8.5	
	10.8	18.8	16.1	23.7	1.9	.2						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS ~~836~~

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

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

SURFACE WINDS

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

725765 STATION | HILL AFB UT STATION NAME | 75-84 YEARS | MAY MONTH

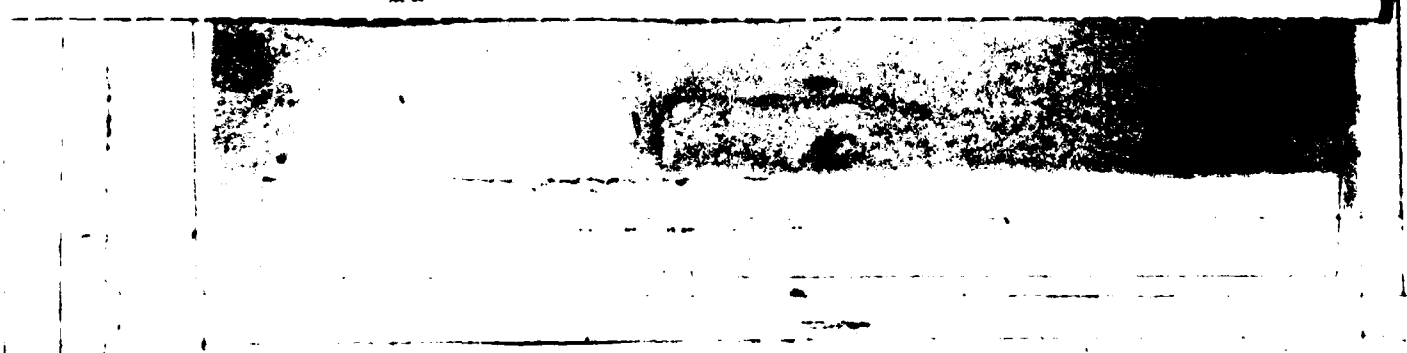
ALL WEATHER CLASS | 0400-0800 HOURS (L.S.T.)

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	1.0	.1	.1	.2								1.4	4.5
ENE	.4	.1	.3									.8	4.4
E	.3	1.2	1.1	2.0	.8							5.0	10.1
ESE	1.7	7.2	18.1	21.0	1.8							48.7	10.0
SE	.3	2.3	1.3	1.1								5.5	6.9
SSE	.4	2.4	1.5	.2								4.5	6.2
S	.3	2.0	3.3	3.0	.4							9.1	9.3
SSW	.3	1.0	1.5	.2								2.9	7.6
SW	.3	.3	.5	.2								1.4	7.2
WSW		.3	.1	.4								.9	10.0
W	.2	.6	.4	.4								1.7	7.2
WNW	.1	.2										.3	3.3
NW	.1	.6	.5									1.3	6.3
NNW	.3	.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 AR 64 0-8-5 (GL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



...CLIMATOLOGY BRANCH
USAFETAC
AIR 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) ~~MAY~~ (MONTH)

ALL WEATHERS (CEILING)

~~0500-1100~~ (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	2.[illegible]	2.4	.3	.1							7.6	5.7
NNE	.6	.4	.2									1.3	4.3
NE	.[illegible]	.5	.1	.1								1.3	4.3
ENE	.2	.[illegible]	.[illegible]									1.5	4.4
E	2.[illegible]	2.9	2.[illegible]	1.7	.6							9.6	7.6
ESE	2.2	4.[illegible]	5.2	1.7	.1							13.1	7.C
SE	1.[illegible]	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.[illegible]	.3	.3	.1						6.9	6.7
SW	1.5	1.6	1.5	.6	.1							5.4	6.4
WSW	.4	1.5	.[illegible]	.2								2.4	5.4
W	1.5	1.4	1.[illegible]	1.4	.1							5.4	7.1
WNW	1.1	1.[illegible]	.6	.2	.1							3.C	6.7
NW	1.2	1.5	.9	.1								3.7	5.2
NNW	.5	1.[illegible]	2.[illegible]	1.C								5.8	7.4
VARBL													
CALM												9.8	
	19.5	28.[illegible]	26.6	12.3	3.1	.5						1CC.C	6.4

TOTAL NUMBER OF OBSERVATIONS ~~93C~~

USAFETAC FORM AA 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 I (STATION NAME) 75-84 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 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]	3.3	2.5	.9								8.7	6.2
NNE	.3	.4	.3	.1								1.6	4.6
NE	.5	.4										1.1	3.1
ENE	.7	.8	.1	.1								1.3	4.9
E	.5	.9	.5	.8								2.7	7.5
ESE	.[illegible]	.7	.8	.2								1.4	8.2
SE	.4	.3	.7									1.[illegible]	4.3
SSE	.3	.[illegible]	.5	.3								1.9	7.6
S	.3	3.[illegible]	3.2	2.6	.9	.6						11.1	10.[illegible]
SSW	1.2	2.5	3.2	1.8	.9							9.6	8.8
SW	1.4	3.5	1.9	.8	.2							7.8	6.5
WSW	1.7	1.2	2.5	.8								6.1	6.6
W	3.[illegible]	5.[illegible]	3.1	2.[illegible]	.1	.1						13.9	6.6
WNW	1.6	3.7	2.8	.6	.1							8.8	6.3
NW	2.[illegible]	3.9	2.9	.5								9.4	5.7
NNW	1.1	2.[illegible]	3.9	.9	.2							8.1	7.5
VARBL													
CALM												5.6	
	17.4	33.0	28.5	12.9	2.4	.8						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 936

...L CLIMATOLOGY BRANCH
...SAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72755 MILL AFB LT — STATION / STATION NAME — 75-84 YEARS — MAY MONTH

ALL WEATHER CLASS — 15 C-17 C GMT (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	3.6	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	8.6
ESE	.5	1.1	.6	.1								2.4	6.5
SE	.1	1.2	.5	.1								1.7	6.6
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	.5	.4							5.6	7.9
WSW	1.1	2.7	2.2	.5	.1							6.6	6.7
W	2.5	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 928

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) 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.[illegible]	1.4	.5	.1						13.4	6.6
NNE	1.2	.9	.7									2.4	3.6
NE	1.[illegible]	.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.[illegible]	3.1	1.2	.3								5.6	5.9
SE	2.1	1.3	.4									4.0	3.7
SSE	1.[illegible]	1.9	1.7		.1	.1	.1					5.0	6.8
S	1.1	4.1	3.1	2.3	.2	.1						11.1	7.7
SSW	.9	2.2	1.[illegible]	.6	.3	.1						5.5	7.6
SW	.9	1.3	.5	.1		.2						3.0	6.4
WSW	.3	1.7	.4	.4	.2							3.6	6.5
W	2.[illegible]	1.6	.5	.4		.1						4.7	5.4
WNW	1.[illegible]	1.[illegible]	.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.[illegible]	.3	.2					10.7	7.8
VARBL													
CALM												17.[illegible]	
	22.4	31.4	17.2	7.7	2.5	1.2	.3					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 927

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)

~~13755~~ (STATION) ~~HILL AFB UT~~ (STATION NAME) ~~75-84~~ (YEARS) ~~MAY~~ (MONTH)

ALL WEATHER (CLASS)

~~2100-2200~~ (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 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~~	~~2.3~~	~~1.6~~	~~.9~~	~~.2~~							~~7.6~~	~~6.4~~
NNE	~~1.2~~	~~.5~~	~~.2~~	~~.1~~								~~2.0~~	~~3.9~~
NE	~~.4~~	~~.4~~	~~.3~~									~~1.2~~	~~6.6~~
ENE	~~.5~~	~~.2~~	~~.1~~			~~.1~~						~~1.0~~	~~5.6~~
E	~~1.5~~	~~2.7~~	~~2.2~~	~~1.6~~	~~.3~~							~~8.7~~	~~7.2~~
ESE	~~4.2~~	~~12.9~~	~~14.0~~	~~1.6~~								~~32.6~~	~~6.7~~
SE	~~2.2~~	~~2.3~~	~~2.4~~	~~.1~~								~~7.3~~	~~5.1~~
SSE	~~1.0~~	~~2.7~~	~~1.7~~	~~.2~~								~~5.6~~	~~6.9~~
S	~~.2~~	~~3.0~~	~~1.8~~	~~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~~	~~.2~~		~~.2~~								~~1.1~~	~~6.6~~
NW	~~.4~~	~~.9~~	~~.3~~									~~1.6~~	~~4.7~~
NNW	~~.3~~	~~1.9~~	~~1.4~~	~~.9~~	~~.9~~	~~.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 AIR 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 HILL AFB UT — STATION / 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	1.2	.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	1.7	.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	29.8	15.0	2.3	.5	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 7433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

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

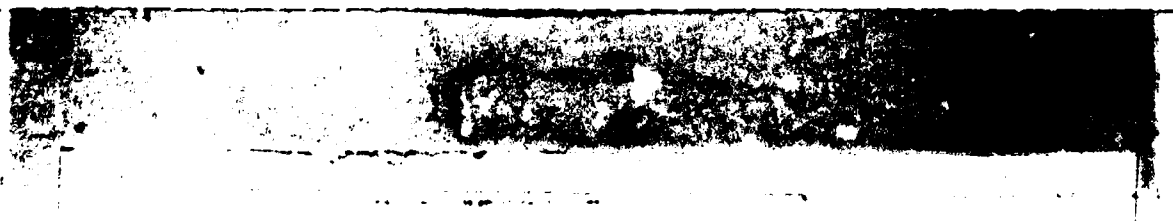
ALL WEATHER 0000-0300
CLASS HOUR (L.S.T.)

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.?	.2								4.8	5.2
NNE	.3	.4	.1									.9	4.1
NE	.4	.2		.3								1.C	7.C
ENE	.?	.3	1.?	.9								2.9	8.9
E	.9	1.?	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.?	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		.?										.2	5.C
WSW	.?	.1										.3	2.7
W		.2										.2	6.C
WNW	.1	.3	.1									.6	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.C	25.7	.8							100.C	8.2

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)

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

ALL WEATHER (CLASS)

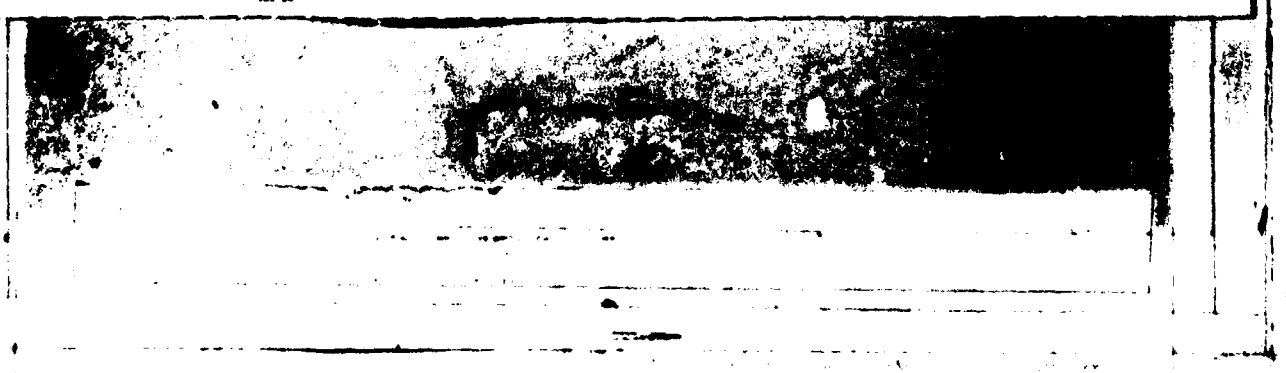
1300-0500 (HOURS (L.S.T.))

(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	.3	.8	.7	.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	.2	.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	38.6	36.3	2.1							100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM AA 64 0-8-5 (OL A) PREVIOUS EDITION'S 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

~~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	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	.1	.7	1.2	.3								2.6	7.2
S	.1	.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	.1	.1								.8	7.6
W	.1		.1		.1							.6	9.6
WNW	.1	.1	.1									.4	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	8.2

TOTAL NUMBER OF OBSERVATIONS ~~800~~

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)

[redacted] HILL AFB UT — 74-83 — JAN

STATION / STATION NAME / YEARS / MONTH

ALL WEATHER — 0900-1100

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	1.6	2.7	1.3	.4								6.0	5.6
NNE	.9	.7	.2									1.7	3.9
NE	.9	1.[illegible]	.2									2.1	4.1
ENE	.9	1.4	.6	.2								3.1	5.4
E	1.7	3.9	9.6	2.8	.4							18.3	7.9
ESE	1.4	6.[illegible]	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.[illegible]	1.0								6.0	7.5
SW	1.1	2.3	1.[illegible]	.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	.9	.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 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 [illegible] STATION NAME 74-83 YEARS [illegible] 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	1.8	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	1.2	.3	.2									1.9	3.5
E	.6	.8	.2	.2								1.8	5.3
ESE	.7	1.2	.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	1.6	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	.8						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM AS 84 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)

[redacted] HILL AFB UT — 74-83 — JUN

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — CLASS

1500-1700 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	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	46.7	24.8	7.0	1.4	.3						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 900

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)

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

ALL WEATHER (CLASS)

~~18C-20C~~ (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	4.6	.7	.2							18.3	5.1
NNE	2.3	.9	.1									3.3	3.6
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	.9	.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	.2	.7	.2	.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)

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

ALL WEATHER 21-C=23CC
CLASS HOURS (L.S.T.)

CONDITION

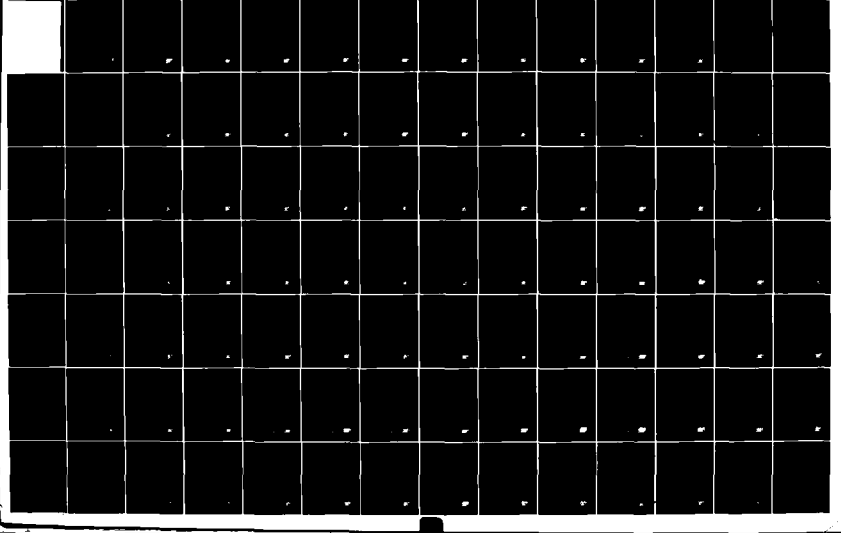
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.6	2.7	.9	.1							7.7	6.8
NNE	.9	.2	.3									1.3	4.2
NE	.7	.7										1.3	3.7
ENE	.3	.5	.9	.3								2.4	5.9
E	2.-	3.4	3.9	1.-	.1							10.4	6.8
ESE	7.4	12.1	23.6	5.-		.1						44.2	7.5
SE	1.7	3.8	1.-	.1								6.2	5.C
SSE	.2	1.9	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.C	4.4
NNW	.8	1.6	1.4	.7	.1							4.6	7.2
VARBL													
CALM												9.1	
	13.C	29.9	36.9	10.2	.8	.1						100.0	6.4

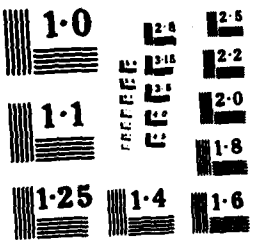
TOTAL NUMBER OF OBSERVATIONS 9CC

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

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




1·0
1·1
1·25
1·4
1·6
1·8
2·0
2·2
2·5

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72765 HILL AFB UT — STATION / STATION NAME — 74-83 YEARS — JUN MONTH

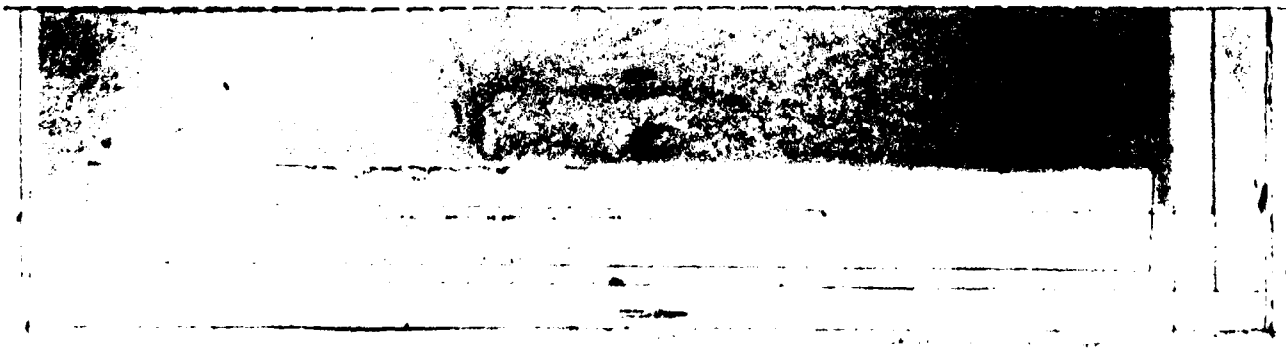
ALL WEATHER CLASS — ALL HOURS (L.S.T.)

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	13.1	10.3	.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	1.0	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 AUL 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 HILL AFB UT 74-83 UNK

STATION STATION NAME YEARS MONTH

ALL WEATHER 0000-0700

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.5	.5	.2								1.8	6.3
NNE	.3	.3	.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	1.3	5.3	24.3	25.4	.6							56.2	10.3
SE	.5	2.4	1.6	1.6								6.1	7.5
SSE	.2	2.4	2.9	.4								5.8	7.0
S	.4	1.3	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	8.0
WNW		.2	.1									.3	6.0
NW		.4	.2									.6	5.5
NNW	.3	.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 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

~~24755~~ STATION ~~MILL AFB UT~~ STATION NAME ~~74-83~~ YEARS ~~JUL~~ MONTH

ALL WEATHER CLASS ~~0100-0500~~ 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	.6	.7									~~1.7~~	~~9.5~~
NNE	.1	.1										~~.4~~	~~2.~~
NE	.4	.6	.1	.1								~~1.3~~	~~4.8~~
ENE	.1	.3	.2	.6								~~1.7~~	~~8.8~~
E	1.1	1.2	2.8	3.7	.3							~~9.4~~	~~9.3~~
ESE	.3	4.5	17.~	36.C	1.9							~~60.3~~	~~11.6~~
SE	1.~	4.1	1.7	.9	.1							~~7.7~~	~~6.5~~
SSE	.2	1.9	1.4	.4								~~4.0~~	~~7.1~~
S	.1	1.8	4.7	1.7								~~8.2~~	~~8.5~~
SSW	.1	.4	.8	.2								~~1.5~~	~~7.8~~
SW	.1	.1	.1									~~.3~~	~~5.3~~
WSW			.'	.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~~	~~43.8~~	~~2.4~~							~~100.0~~	~~9.8~~

TOTAL NUMBER OF OBSERVATIONS ~~930~~

USAFETAC FORM AWS 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)

COLTSE (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	.9	.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	.2	.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			.2									.3	7.3
NNW		.2	.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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH 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 ~~HRS~~ HOURS

ALL WEATHER CLASS ~~1200-1500~~ 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	3.6
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						21.4	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									.9	4.6
NNW	.5	.6	.2									1.4	4.6
VARBL													
CALM												3.1	
	13.2	28.6	35.1	18.5	1.4	.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS ~~930~~

USAFETAC FORM AIR 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)

[redacted] HILL AFB UT — 74-83 — [redacted]
STATION — STATION NAME — YEARS — HOURS

ALL WEATHER
CLASS

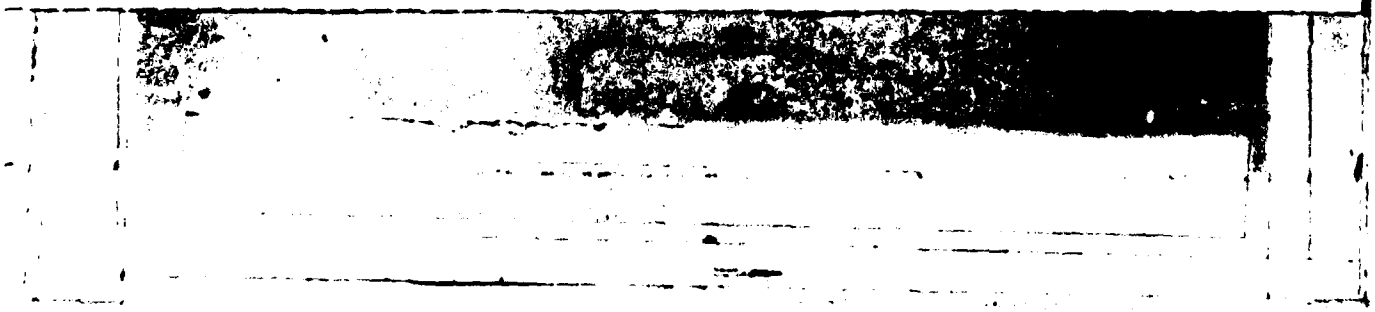
[redacted]
CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	5.5	1.2									[illegible].2	[illegible].9
NNE	[illegible].1	2.2	.[illegible]									3.3	[illegible].C
NE	[illegible].1	1.[illegible]	.1									2.2	3.5
ENE	1.1	1.[illegible]	.[illegible]	.1								2.4	[illegible].C
E	.6	1.5	.9	.1								3.1	5.7
ESE	.[illegible]	1.[illegible]	.[illegible]	.1								2.5	4.8
SE	.9	.9	.1	.1								1.9	[illegible].2
SSE	.[illegible]	.6	.8	.2	.1							1.9	7.6
S	2.[illegible]	4.4	5.9	4.6	1.2	.1						19.2	9.1
SSW	1.5	5.6	4.[illegible]	1.4		.1						12.6	6.7
SW	1.[illegible]	3.5	2.[illegible]	.4	.1							7.8	6.C
WSW	.[illegible]	2.7	1.[illegible]	.2								5.2	6.3
W	1.4	4.6	4.[illegible]	.6								1C.6	6.[illegible]
WNW	.6	2.2	2.9	.1								5.7	6.[illegible]
NW	1.1	1.[illegible]	.9	.1								3.8	5.[illegible]
NNW	.6	2.C	1.6	.1								[illegible].[illegible]	6.C
VARBL													
CALM												5.2	
	16.[illegible]	[illegible]0.9	27.8	8.3	1.4	.2						1CC.C	[illegible].1

TOTAL NUMBER OF OBSERVATIONS [illegible]93C

USAFETAC FORM AIR 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 ~~HOUR~~

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	8.1	2.3	.1	.1							14.4	5.6
NNE	1.3	1.4	.1									2.8	3.7
NE	1.6	1.3	.2									3.1	3.6
ENE	.9	.4	.1									1.4	3.5
E	.6	1.4	1.2	.6		.1						3.8	7.6
ESE	.2	.8		.1	.1							1.2	6.3
SE	.2	.3	.1	.2	.1							1.3	6.2
SSE	.3	.5	1.2	.5	.2							2.8	8.8
S	1.3	3.2	1.2	2.6	.3	.1						10.3	8.4
SSW	.3	2.6	2.3	.4	.4	.1						6.6	7.6
SW	1.2	2.6	1.6	.8								5.9	6.8
WSW	1.6	1.7	.9	.2								4.4	5.1
W	2.2	5.3	1.4	.3	.1							11.2	6.2
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	24.2	6.6	1.5	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS ~~936~~

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)

72756 HILL AFB UT 74-83 JUL
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	6.5	4.0	1.7	.8								12.9	4.6
NNE	2.3	.6	.3	.1								3.3	3.4
NE	2.4	.7										3.1	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	.9	.3								4.6	4.6
SSE	1.9	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	.9	.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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

~~22755~~ STATION ~~HILL AFB UT~~ STATION NAME ~~74-83~~ YEARS ~~UNK~~ MONTH

ALL WEATHER CLASS ~~2100-2100~~ 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	.[illegible]	.4								1.0	9.3
SW			.[illegible]									.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 AIR 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)

(CONDITION)

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.8	1.1	.3	.0							5.9	5.1
NNE	.9	.7	.1	.0								1.6	3.8
NE	.9	.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	17.9	11.8	.7							34.4	10.0
SE	.9	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	.7	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	22.9	1.7	.1	.0					100.0	7.6

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)

~~23755~~ STATION ~~HILL AFB UT~~ STATION NAME ~~74-83~~ YEARS ~~ANN~~ MONTH

ALL WEATHER CLASS ~~0000-2300~~ 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	.3	.9	1.1	.3								3.C	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.[illegible]	4.[illegible]	.6							10.2	10.4
ESE	.3	5.7	25.1	24.9	.1							56.8	10.2
SE	.1	3.2	1.9	1.1								7.3	6.7
SSE	.1	1.7	2.[illegible]		.1							4.2	6.9
S	.1	1.8	2.5	1.7	.3							6.5	10.C
SSW	.1	.1		.1								.3	6.C
SW	.1	.4		.1								.6	5.7
WSW	.1											.1	2.C
W	.1	.1	.1									.3	6.C
WNW	.[illegible]				.1							.1	6.C
NW	.1	.1	.2									.4	6.3
NNW	.5	.5	.5	.1								1.7	5.8
VARBL													
CALM												3.3	
	5.8	16.C	39.1	34.1	1.4							1CC.0	9.1

TOTAL NUMBER OF OBSERVATIONS ~~93C~~

USAFETAC FORM AIR 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)

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

ALL WEATHER — [illegible]
CLASS — 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	.3	.1	.1								1.0	5.6
NNE	.2		.2									.5	4.0
NE	.2	.2	.1	.1								.8	5.6
ENE	.2	.1	.2	.2								.9	7.3
E		2.3	3.6	4.5	.9							10.6	10.9
ESE	1.2	5.8	23.7	31.2	2.2							63.5	10.9
SE	.4	3.5	1.6	.9								6.5	6.7
SSE	.5	1.2	1.2	.1								3.2	6.0
S	.2	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		.2										.3	5.0
WNW		.1										.1	6.0
NW	.2	.2	.1									.6	4.3
NNW	.2	.2	.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 [illegible] 930

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

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

SURFACE WINDS

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

...255 STATION | MILL AFB ...I STATION NAME | 74-83 YEARS | AUG MONTH

ALL WEATHER CLASS | ...66-83G 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	.6	.1	.1								1.4	5.1
NNE	.2	.2										.3	3.7
NE	.1	.1										.2	3.6
ENE	.2	.3	.1									.6	4.5
E	1.0	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	7.6
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	.3	.4	.1									.8	3.6
VARBL													
CALM												1.6	
	4.4	15.5	32.5	43.9	4.0	.1						100.0	10.2

TOTAL NUMBER OF OBSERVATIONS ...93G

USAFETAC FORM AUG 66 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

SURFACE WINDS

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

7755 (STATION) HILL AFB ,I (STATION NAME) 74-83 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

03,C-11CC (HOURS (LST))

SPEED (KNTS) DIR	1 - 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	1.7	5.7	5.6	4.1								16.1	8.C
ESE	2.2	6.2	14.6	6.7	.4							3C.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	.6	4.6	7.2	7.1	1.1	.1						2C.6	9.9
SSW	.3	2.3	1.6	1.2	.2							6.6	7.6
SW	.3	1.1	.5	.1		.1						2.3	6.C
WSW	.1	.1										.4	3.C
W	.5	.2	.6									1.4	5.6
WNW	.1	.5	.2									1.2	4.9
NW			.4									.4	8.3
NNW	.2	.3	.1	.2								.9	6.C
VARBL													
CALM												5.6	
	1C.6	26.6	38.6	2C.6	1.7	.2						1CC.0	7.7

TOTAL NUMBER OF OBSERVATIONS 936

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

...AL CLIMATOLOGY BRANCH
...SAFETAC
AT... WEATHER SERVICE/MAC

SURFACE WINDS

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

~~23785~~ STATION ~~MILL 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	1.1	1.3	.2									2.5	4.0
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	.6	.2	.1							3.3	6.3
S	7.1	5.4	5.5	1.5	.9							18.3	7.8
SSW	1.6	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	2.1	5.6	3.5	.4								11.6	5.8
WNW	1.2	2.1	1.6	.3	.1							5.5	6.2
NW	.3	2.3	1.2	.2								4.4	5.6
NNW	1.2	2.1	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

...RAL CLIMATOLOGY BRANCH
...AFETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

...S | HILL AFB ...T (STATION NAME) | 74-83 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS)

15...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	.[illegible]	.4	.1	.1								1.2	4.5
ESE	.2	.6	.6	.1	.1							2.3	6.4
SE	.4	.[illegible]	.1	.1								1.2	4.7
SSE	.4	.9	.[illegible]	.3	.1							2.2	7.1
S	1.[illegible]	2.6	2.7	1.9	.4							9.1	6.[illegible]
SSW	.[illegible]	2.2	2.[illegible]	1.1	.1	.1						6.[illegible]	8.[illegible]
SW	1.4	2.6	1.1	1.[illegible]								6.[illegible]	6.5
WSW	.4	2.4	.4									1.2	5.1
W	2.6	7.[illegible]	2.9	.3	.1							12.9	5.7
WNW	1.[illegible]	4.6	2.6	.5								9.7	5.7
NW	1.6	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.[illegible]	43.8	2[illegible].[illegible]	6.6	.9	.1						1[illegible].[illegible]	5.4

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 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)

[23755] (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

[0300-0900] (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	5.3	3.7	1.0	.8	.3							11.5	4.7
NNE	2.3	.3	.1									3.2	2.9
NE	1.2	.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	2.9	.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	1.7	1.2	2.0	2.3	.5	.1						8.0	9.4
SSW	.7	.3	1.2	.2	.2							2.4	8.6
SW	.2	.4	.1	.1								.9	6.0
WSW	.2	.4	.2			.1						.9	5.1
W	1.1	1.5	.4	.2		.1						4.1	4.8
WNW	.2	1.1	.2									2.0	3.9
NW	1.2	1.1	.2	.5	.1							3.0	6.5
NNW	5.1	2.9	1.2	.1								9.0	3.9
VARBL													
CALM												22.6	
	31.2	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)

UTES — STATION — HILL AFB UT — STATION NAME — 74-83 — YEARS — AUG — MONTH

ALL WEATHER — CLASS — 21-C=23CC — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 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	4.6
ENE	.1	.2	.1	.1								.5	7.6
E	.6	2.1	5.6	1.9	.2	.2						11.6	8.6
ESE	1.9	14.1	29.7	7.1	.1							52.9	8.6
SE	1.4	2.9	1.3									6.1	5.8
SSE	.5	2.6	2.5	.5	.1							6.2	7.1
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	.2	.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 936

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

...RAL CLIMATOLOGY BRANCH
...FAETAC
...TH WEATHER SERVICE/MAC

SURFACE WINDS

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

13755 — HILL AFB UT (STATION / STATION NAME) — 74-83 (YEARS) — ANC (BLANK)

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	.8	.3	.0							5.1	4.9
NNE	1.1	.7	.1									1.8	3.4
NE	.6	.7	.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	11.1	.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	1.3	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	.3	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 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 — STATION / 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	1.1	.2								2.6	6.9
NNE	.7	.1	.1									.7	5.0
NE	.2											.2	2.5
ENE		.1	.7	.1								.7	6.5
E	.5	.7	4.2	3.7	.7	.1						9.9	10.6
ESE	1.1	5.1	24.7	27.9	.8							59.2	10.5
SE	.7	2.4	2.1	.9	.3							5.8	7.5
SSE	.7	1.5	.6	.2								3.4	5.9
S	.7	1.2	2.9	2.7	.4							7.4	9.8
SSW	.1	.4	.7	.2								1.1	7.2
SW		.1	.2	.1								.4	8.0
WSW		.1	.1									.2	7.5
W	.1	.1		.1	.1							.6	7.8
WNW			.1									.1	8.0
NW	.3	.4	.4			.1						1.3	6.5
NNW	.1	1.1	.6	.6								2.3	7.8
VARBL													
CALM												1.8	
	5.1	14.8	37.7	36.7	2.1	.2						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 66 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)

[redacted] HILL AFB UT — 74-83 — SEP

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — [redacted] (LST)

CLASS — 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	.2	.1							2.3	7.6
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	11.2
ESE	1.2	4.5	15.4	35.8	2.1	.1						63.0	11.7
SE	.8	2.2	1.1	1.4								5.6	7.3
SSE	.8	1.7	.7	.3								3.4	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		.2	.2	.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	16.2

TOTAL NUMBER OF OBSERVATIONS [redacted] 900

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)

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

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3	.2	.1								1.4	5.9
NNE	.2	.2	.1									.7	4.1
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	1.4	3.3	16.2	36.9	4.1	.1						64.7	12.0
SE	.4	1.6	1.0	1.0	.2							4.3	8.0
SSE	.2	.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		.0										.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	.1	.1	.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 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 — MILL AFB CT STATION NAME — 74-81 YEARS — [illegible] 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	.7	1.7	1.3	.7	.1							4.4	6.8
NNE	1.7	.6										1.9	3.1
NE	.3	.6	.1									1.6	3.1
ENE	.5	.7		.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	1.8	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	.9	.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	.8						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS [illegible] 900

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)

72759 HILL AFB UT 74-83 SEA
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	6.6	2.6	.7	.1							13.2	5.3
NNE	1.1	1.2	.3									2.8	3.6
NE	.7	.7										1.3	3.5
ENE	.1	.1	.2	.2								.7	8.5
E	.7	1.C	1.3	1.1	.1							4.2	8.1
ESE	.4	.6	1.C	.4								2.8	7.8
SE	.7	.6	.7									1.6	5.9
SSE	.C	.4	.3	.4								1.9	8.1
S	1.7	4.9	4.C	3.C	1.2	.2						15.C	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	.3	2.8	1.7	.1	.1							5.4	6.1
NNW	1.2	3.1	2.C	.2								6.6	5.7
VARBL													
CALM												5.8	
	18.8	39.9	25.2	7.8	2.2	.3						100.0	6.C

TOTAL NUMBER OF OBSERVATIONS 9CC

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

...RAL CLIMATOLOGY BRANCH
...ETAC
... 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 ~~ALL~~ 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	3.4	9.8	2.6	.7	.1							16.6	5.4
NNE	.3	1.4	.3	.1								3.7	4.2
NE	.7	.9	.1									1.4	3.4
ENE	.7	.9	.1	.1								1.8	5.1
E	.5	.2	.1	.9								1.4	9.7
ESE	.5	.9	.7	.4								1.8	8.2
SE	.5	.6	.7									1.4	6.2
SSE	.5	.3	.7	.1								1.3	6.6
S	.7	1.5	1.9	2.1	.6							6.1	9.7
SSW	1.5	1.3	1.2	.7	.1							4.9	6.9
SW	1.5	3.6	1.2	.7								6.4	5.8
WSW	.2	2.3	1.2									4.8	5.0
W	1.7	5.6	1.9	.7								10.0	5.5
WNW	1.5	4.1	1.7	.6								9.3	5.2
NW	2.5	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	5.6

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
4TH WEATHER SERVICE/MAC

SURFACE WINDS

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

72705 HILL AFB UT — STATION / STATION NAME
74-83 — YEARS
SEP — MONTH
ALL WEATHER — CLASS
1800-2200 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 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										1.1	3.7
ENE	1.1	.1	.1	.2								1.6	3.8
E	2.6	3.6	1.1	.8								8.0	5.2
ESE	2.9	7.2	3.2	.6								14.0	5.5
SE	1.2	1.3	.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	.1	.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	5.1
NNW	2.9	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	4.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[redacted] MILL AFB, T — STATION NAME — 74-63 — YEARS — SEP — MONTH

ALL WEATHER — CLASS — 21CC-23CC — 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	1.2	.7	.3								2.7	6.3
NNE	.3	.9	.3									1.3	4.5
NE	.2	.1										.7	2.0
ENE	.2	.3										.7	3.2
E	1.2	2.4	1.7	1.6	.6							9.4	8.1
ESE	1.3	12.1	31.7	9.3	.1							54.7	8.4
SE	.3	2.9	2.3	.6								6.3	6.2
SSE	.4	1.4	1.4	.2								3.6	6.2
S	.4	.9	2.0	2.3	.2							6.3	9.6
SSW	.4	.7	1.1									2.1	5.9
SW	.1											.1	2.6
WSW	.1	.2		.1								.4	6.5
W	.2	.3	.2									.8	5.3
WNW	.2	.1	.3	.1								.7	7.7
NW	.2	.4	.7	.3	.1							1.8	8.1
NNW	.5	.9	.7	.7	.1							2.9	7.9
VARBL													
CALM												.6	
	8.1	24.6	45.4	15.2	1.1							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS [redacted] 900

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

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

SURFACE WINDS

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

[illegible] HILL AFB UT — 74-83 — SEP

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	1.8	3.2	1.7	.6	.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	.3	1.3	2.5	3.1	.6	.1						9.2	9.7
ESE	1.7	4.9	13.6	16.0	1.0	.0						36.8	10.3
SE	.6	1.6	1.0	.5	.0							3.8	6.6
SSE	.5	1.2	.9	.3		.0						2.0	6.3
S	.2	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	.9	.2	.0							3.2	5.6
WNW	.6	.9	.4	.1								2.1	5.8
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 84 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)

[redacted] STATION | [redacted] STATION NAME | [redacted] YEARS | [redacted] MONTH

ALL WEATHER
CLASS

[redacted] ZONE (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.0	.2									2.7	4.1
NNE	.1	.2										.6	4.5
NE	.1	.1										.2	3.0
ENE	.1	.1	.2	.1								.8	6.7
E	.2	1.1	3.0	2.4	.2							7.3	9.2
ESE	1.2	5.7	28.1	17.7	.8							56.5	9.9
SE	1.1	2.1	3.2	1.3								8.6	7.0
SSE	.5	.3	1.2	.3								2.7	6.8
S	.1	1.4	3.2	1.4	.1							6.3	8.3
SSW	.2	.5	.4	.3		.1						1.7	7.8
SW	.2	.2	.4									.9	5.8
WSW	.1			.2								.3	10.1
W	.1	.1	.1	.2	.1							.9	8.0
WNW													
NW	.4	.2	.1	.1								1.1	5.3
NNW	.2	1.1	.9	.2								2.8	5.9
VARBL													
CALM												7.3	
	7.5	16.8	47.9	26.2	1.2	.1						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS [redacted] 936

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)

[illegible] HILL AFB UT — 74-83 — ~~GCT~~
STATION — STATION NAME — YEARS — ~~HOURS (LST)~~

ALL WEATHER
CLASS

~~000-2359~~
~~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	.1	.1								.8	10.6
E	.5	.5	1.7	3.1	.8							6.7	11.3
ESE	1.4	4.7	20.1	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	.1	.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	.1	.1	.1								.6	6.3
WSW	.2		.1	.2								.5	7.8
W	.1	.2		.1								.6	9.0
WNW	.1	.1										.2	6.0
NW	.6	.1	.1									1.1	3.6
NNW	.1	.9	.1	.5	.1							1.8	8.4
VARBL													
CALM												5.6	
	5.5	11.2	30.6	42.0	3.0							100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 930

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

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

SURFACE WINDS

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

[illegible] MILL AFB OK — 74-83 — 06Z

ALL WEATHER

C6FC-C8FC

SPEED (KNTS) DIR	1 - 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	1.3	1.0	.4								3.7	6.2
NNE	.4	.7	.1									.5	5.0
NE	.1											.1	2.0
ENE	.1	.1										.2	3.5
E	.5	1.5	2.0	4.2	.6	.1	.1					9.1	11.2
ESE	.5	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	2.7	.4							7.3	9.8
SSW	.1	.5	.4	.1								1.3	6.5
SW		.1	.1									.4	5.3
WSW	.1		.2									.3	6.0
W	.1	.3	.4	.1								1.0	7.8
WNW		.0	.1	.1								.8	6.6
NW	.2	.5										.8	4.4
NNW	.0	1.4	.7	.2								2.5	5.2
VARBL													
CALM												4.7	
	4.5	15.5	29.5	46.2	3.7	.1	.1					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 936

USAFETAC FORM 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)

[illegible] HILL AFB UT — 74-81 — OCT

STATION / STATION NAME / YEARS / MONTH

ALL WEATHER

CLASS

[illegible] 09-11 GMT

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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										[illegible]	2.9
NE	.2	.1										.3	3.0
ENE	.7	.4	.1									.9	3.9
E	2.2	4.2	4.1	2.4	1.1	.1						13.9	8.3
ESE	1.7	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	32.8	25.5	3.7	.5	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 970

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

...AL CLIMATOLOGY BRANCH
...AFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

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

ALL WEATHER 1200-1400 (LST)
CLASS 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	1.3	4.[illegible]	1.7	1.6								9.1	6.3
NNE	1.7	1.2	.1									2.6	3.7
NE	.3											.8	2.[illegible]
ENE	.5	.3										1.[illegible]	3.[illegible]
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.[illegible]	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	1.1	1.3	1.6	.2								4.5	5.6
W	2.[illegible]	1.4	2.4	.3	.1							8.3	5.7
WNW	1.6	2.[illegible]	1.[illegible]	.2								4.8	5.2
NW	1.[illegible]	[illegible].[illegible]	1.1	.2								4.8	5.4
NNW	2.[illegible]	2.9	3.[illegible]	.9	.1							9.1	6.5
VARBL													
CALM												19.6	
	22.[illegible]	29.5	22.8	8.6	1.2	.8						100.[illegible]	5.4

TOTAL NUMBER OF OBSERVATIONS [illegible]936

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 66

...LOBAL CLIMATOLOGY BRANCH
...SAFETAC
...IR WEATHER SERVICE/MAC

SURFACE WINDS

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

12755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.4	5.4	2.9	1.5	.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	.2	.1									.9	3.8
SSE	.2	.2	.6			.1						1.6	7.1
S	1.5	1.7	3.1	1.5		.1						7.4	7.2
SSW	1.3	2.2	1.2	.4	.2							5.8	6.0
SW	1.2	1.7	.8	.1								3.9	4.9
WSW	1.3	2.2	.9	.1	.1							5.7	4.7
W	3.4	1.7	1.9	.1	.1							9.5	4.3
WNW	1.9	3.9	1.1									6.8	4.6
NW	4.1	4.2	1.3	.1	.1							9.6	4.5
NNW	5.5	7.4	2.9	.6								16.3	5.0
VARBL													
CALM												13.8	
	29.9	35.4	17.0	4.1	.6	.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 936

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)

2,755 STATION — MILL AFB LI STATION NAME — 74-83 YEARS — OCT MONTHS

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.8	3.0	1.9	.8								8.5	5.6
NNE	1.2	1.2										2.4	3.4
NE	.7	.1										.4	2.8
ENE	.3											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	1.0	2.8	.9									4.9	4.0
SSE	1.1	2.0	.4	.1								3.7	4.6
S	.6	1.2	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	.3	.8		.1								1.4	3.9
W	1.2	1.2	.1		.2							2.7	4.8
WNW	1.3	.4	.1									1.8	2.9
NW	1.3	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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

~~24156~~ STATION ~~HILL AFB UT~~ STATION NAME ~~74-83~~ YEARS ~~06Z~~ HOURS

ALL WEATHER CLASS ~~21:00-23:00~~ 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	.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	1.6	1.6	2.7	.3	.2							6.5	6.4
ESE	7.3	12.7	25.9	6.3	.1							47.4	7.8
SE	2.9	5.9	1.6	.2								10.6	4.8
SSE	.9	1.8	.5	.3								3.7	5.8
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	.1	.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	38.8	10.3	.5							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS ~~930~~

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

72255 HILL AFB UT — 74-83 — OCT

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — ALL

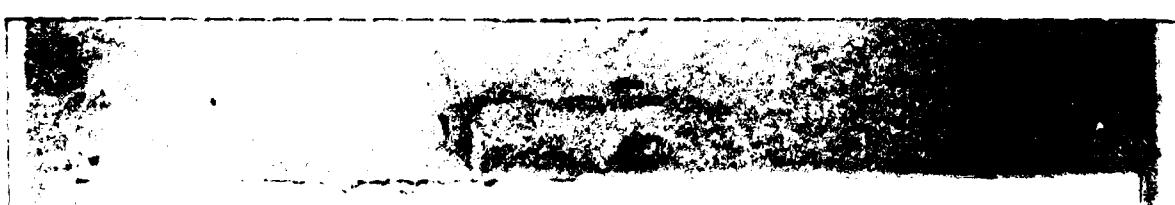
CLASS — HOURS (L.S.T.)

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	1.6	2.3	1.3	.7	.C							5.9	6.C
NNE	.6	.6	.1	.C								1.3	4.1
NE	.7	.1	.C									.4	3.2
ENE	.1	.2	.1	.1								.7	4.6
E	1.2	1.5	1.9	1.6	.4	.C	.C					6.6	8.5
ESE	1.1	5.2	17.7	14.1	.9	.C						35.3	1C.C
SE	1.2	2.1	1.7	.5	.C							5.1	6.C
SSE	.6	1.C	.3	.2	.C	.C						2.6	6.2
S	.3	2.1	3.C	1.9	.3	.1	.C					8.3	8.8
SSW	.7	1.4	1.C	.4	.1	.1						3.6	6.9
SW	.C	.9	.4	.1								1.9	5.1
WSW	.6	.7	.7	.1	.C							1.7	5.2
W	1.C	1.2	.7	.3	.1							3.2	5.8
WNW	.7	.9	.7	.1								2.C	4.8
NW	1.1	1.1	.5	.1	.C							2.9	4.9
NNW	1.6	2.5	1.7	.5	.C							5.8	5.6
VARBL													
CALM												12.6	
	14.2	23.7	26.7	2C.7	1.9	.2	.C					1CC.C	6.9

TOTAL NUMBER OF OBSERVATIONS 74RC

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 LT (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.[illegible]	.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.[illegible]	.9	.1		.1				45.4	9.1
SE	2.3	2.[illegible]	2.9	.7								7.8	6.0
SSE	.9	1.2	1.3	.6								3.9	6.5
S	1.2	1.6	4.[illegible]	2.3								9.1	8.2
SSW	.9	1.[illegible]	.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.[illegible]	.1	.1			.1					2.0	5.7
NNW	1.[illegible]	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.[illegible]	7.3

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM AIR 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 (STATION NAME) 74-81 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

SPEED (KNTS) DIR	1 - 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	6.6
NNE	1.0	.2										1.2	2.6
NE	.7		.1									.7	5.7
ENE			.6									.6	8.8
E	1.1	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	1.0	3.1	1.8	1.0								6.9	6.7
SSE	.2	1.6	1.2									3.6	5.3
S	1.2	1.7	2.9	1.2								8.9	8.8
SSW	.3	.8	1.1	.1								2.3	6.7
SW		.2	.1	.2								.6	9.8
WSW	.0	.2										.3	4.7
W	.1	.4	.2	.4								1.6	7.1
WNW	.0	.1										.6	3.8
NW	.2	.7		.1								1.7	3.9
NNW	.2	.8	.8	.7								3.1	6.6
VARBL													
CALM												8.9	
	10.7	24.0	32.3	25.1	2.3	.3		.3				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 900

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

[illegible] CLIMATOLOGY BRANCH
[illegible]SAFETAC
[illegible] 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 — [illegible]-[illegible]

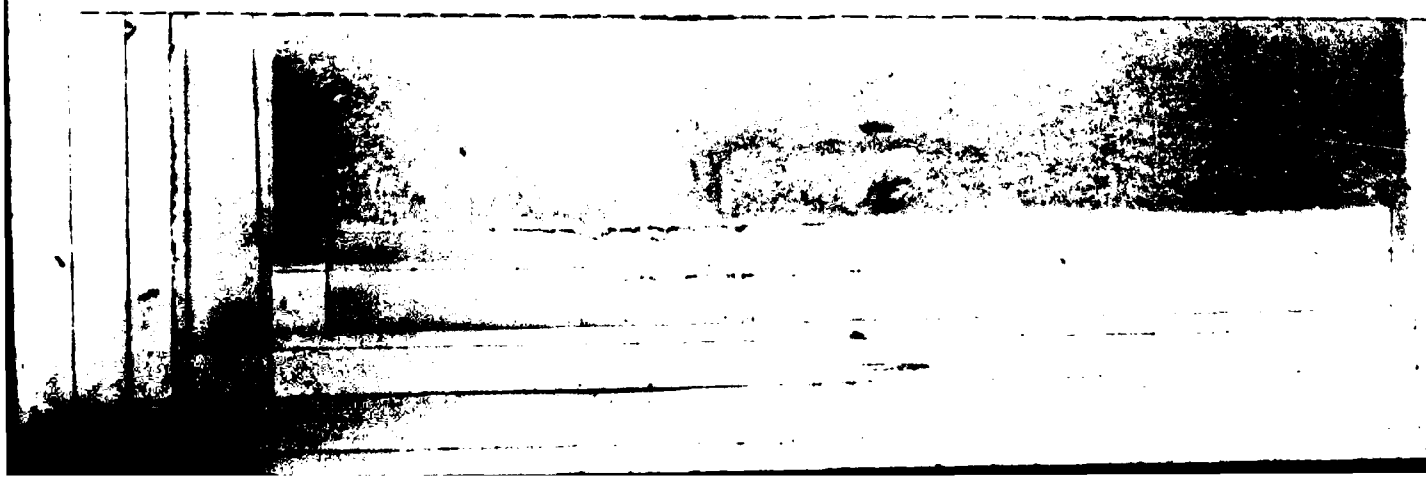
CLASS — HOURS (L.S.T.)

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	.5	2.2	1.1	.3								4.2	6.6
NNE	.4	.1	.1									.7	3.8
NE	.2	.2										.4	4.5
ENE		.2	.3	.2								.8	8.7
E	.2	2.2	3.7	2.1	.3			.7				8.6	10.4
ESE	1.3	5.4	19.2	21.3	1.7	.3						48.8	10.4
SE	.7	1.9	1.7	2.6	.1							6.9	8.2
SSE	1.1	1.4	1.1	.2								4.2	5.2
S	1.7	1.2	3.7	2.1								7.8	8.4
SSW	.3	1.2	.9	.4								3.1	6.7
SW	.2	.4	.1									.3	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	.1	1.6	.4	.3								2.7	6.4
VARBL													
CALM												8.1	
	9.2	19.0	31.0	29.9	2.1	.3		.7				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



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

SURFACE WINDS

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

[illegible] STATION NUMBER WILL AFB AZ STATION NAME [illegible] 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	1.1	1.2	2.1	.6								4.8	6.6
NNE	.1	.4	.2									1.0	5.0
NE	.3	.7	.2									.8	5.3
ENE	.1	.2	.6	.2								1.1	7.6
E	.3	2.3	3.3	2.1	.2	.2	.1					8.2	8.8
ESE	1.1	3.1	14.7	11.6	.7	.2	.1	.1				30.4	9.2
SE	.3	2.0	1.3	1.1	.1							5.3	7.5
SSE	.1	.2	1.2	.3								1.8	6.6
S	.3	1.2	5.4	1.1	.3							12.9	8.1
SSW	.1	1.6	1.2	.4								3.9	6.5
SW	.1	.6	.4									1.1	5.5
WSW	.1	.6	.2	.1								1.0	5.4
W	.1	.4		.1								1.1	6.1
WNW	.2	.2	.2									.7	5.0
NW		.3	.1									1.0	5.7
NNW	1.1	1.4	1.6	1.1	.1							5.2	7.4
VARBL													
CALM												7.8	
	5.1	24.2	38.5	21.0	1.4	.4	.2	.1				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM AIR 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) MILL AFB UT (STATION NAME) 74-83 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	3.0	.3	1.9								6.3	6.6
NNE	.1	.4	.1									.6	3.6
NE	1.1	.7	.1									1.9	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	2.7	1.9	1.7		.1						6.8	6.6
SE	.2	.8	.7									2.1	4.9
SSE	.3	1.2	.7	.6								2.8	6.C
S	2.1	3.2	4.6	3.2	.6	.1						14.7	8.2
SSW	2.2	3.9	2.2	.3	.1							8.8	5.6
SW	2.	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	.8	1.7	1.2	.4		.2						4.4	7.C
NNW	1.5	1.7	2.1	1.9								8.4	6.6
VARBL													
CALM												16.7	
	20.9	28.8	20.9	11.1	1.C	.7	.1					100.C	5.4

TOTAL NUMBER OF OBSERVATIONS 9CC

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

L BAL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

~~13755~~ STATION ~~HILL AFB UT~~ STATION NAME ~~74-83~~ YEARS ~~ANY~~ MONTH

ALL WEATHER CLASS ~~15 C-17PC~~ RANGE (L.V.)

CONDITION

SPEED (KNTS) DIR	1 - 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	1.6								10.2	5.9
NNE	.8	.4	.3	.1								1.7	5.6
NE	.1	.1										.6	2.2
ENE	.4	.2	.2	.1	.1							1.1	6.4
E	.7	1.1	.7	.7	.2	.2						3.8	8.9
ESE	.3	1.6	1.-	.1								3.6	5.6
SE	.7	.9	.7									2.2	4.7
SSE	.7	1.1	1.-	.1								3.2	5.7
S	.7	2.7	3.3	2.4	.1							9.2	8.4
SSW	1.7	2.6	.8	.4								5.1	5.6
SW	1.9	1.1	.3									3.3	3.6
WSW	1.3	1.-	.8									3.1	4.5
W	2.1	2.7	.6	.3								5.7	4.6
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	2.5	1.2	.2							12.9	5.9
VARBL													
CALM												21.2	
	29.4	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)

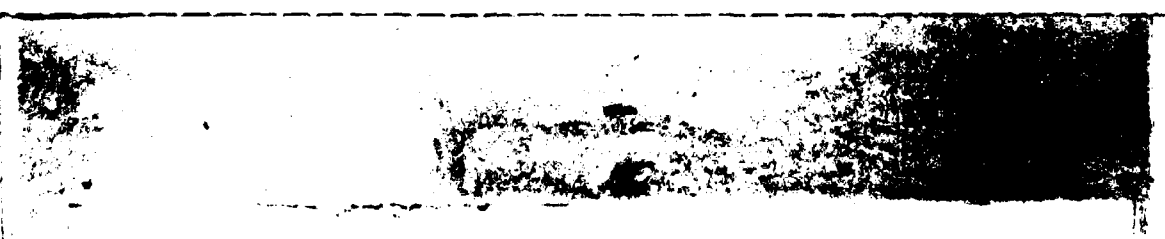
[redacted] HILL AFB UT — 74-81 — NOV

ALL WEATHER — 1800-2000 (LST)

SPEED (KNTS) DIR.	1 - 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	.3			.0							1.1	4.2
E	1.6	1.9	1.4	1.4	.3	.2						6.9	8.C
ESE	2.-	6.4	2.7	.8	.2							11.1	6.3
SE	1.-	1.1	.6	.1								3.6	4.C
SSE	1.6	2.2	.7	.1								4.2	4.2
S	2.-	1.4	3.2	2.2	.6							11.4	7.5
SSW	.3	1.2	.3	.2								2.C	5.9
SW	.1		.1									.6	3.8
WSW	.4	.4		.2								1.1	5.6
W	.1	.6	.2									1.1	4.5
WNW	.4	.4	.1	.2								1.2	5.6
NW	1.-	.7	1.1	.3								3.1	6.C
NNW	2.3	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						1CC.C	4.C

TOTAL NUMBER OF OBSERVATIONS 9CC

USAFETAC FORM AIR 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)

[redacted] MILL AFB, VT — 74-81 — [redacted]
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — [redacted]
CLASS — 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	.2								5.1	6.1
NNE	.5	.2	.1	.1								.9	4.8
NE	.6	.1	.4									1.1	4.7
ENE	.1	.1										.2	3.5
E	.3	1.6	2.8	1.0	.2	.4	.1					7.1	9.2
ESE	3.6	12.6	6.9	3.4	.2	.1						36.8	7.3
SE	2.6	3.6	1.6	.6								8.2	5.2
SSE	1.7	2.2	1.2	.6								5.7	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	.2	.2		.2								.7	6.8
W	.2		.1									.3	3.7
WNW	.2	.4	.3	.1								1.1	6.8
NW	.6	.8	.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	5.0

TOTAL NUMBER OF OBSERVATIONS [redacted]

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 HILL AFB UT — 74-83 — NOV

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	1.3	.7								6.1	5.9
NNE	.7	.4	.2	.C								1.3	3.8
NE	.2	.2	.1	.C								.8	4.C
ENE	.2	.2	.2	.1	.C							.8	6.3
E	1.2	1.7	2.3	1.4	.3	.2	.C	.1				7.1	9.1
ESE	2.9	6.5	12.9	8.4	.7	.1	.C	.C				31.5	9.C
SE	1.4	1.9	1.3	.7	.C							5.4	6.2
SSE	1.2	1.5	1.C	.3								3.8	5.6
S	1.9	2.5	3.7	2.7	.2	.C						10.4	8.3
SSW	.8	1.6	1.C	.3	.C							3.8	6.C
SW	.2	.5	.C	.1								1.5	4.6
WSW	.4	.5	.2	.2								1.3	5.7
W	.2	.6	.4	.3								2.1	5.6
WNW	.6	.7	.2	.1								1.6	4.9
NW	1.C	1.2	.5	.2		.C	.C					2.5	5.2
NNW	1.8	2.3	1.2	.7	.1	.C						5.8	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 7220

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)

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

ALL WEATHER CLASS ~~0000-2300~~ 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	5.0
NNE	.5	.4	.1		.1							1.2	4.5
NE	.4	.1			.2							.8	7.6
ENE	.5	.6										1.2	3.6
E	.2	1.1	2.7	1.1	.2	.1						6.5	8.6
ESE	2.3	2.5	15.6	5.9	.4	.2						33.9	8.4
SE	1.2	3.0	1.2	.4								6.6	5.4
SSE	.5	2.2	1.5	.8	.1							4.5	6.8
S	1.1	4.1	5.2	3.5	.2	.1						14.7	8.9
SSW	.2	1.5	1.8	.5								4.7	6.8
SW	.1	.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	.2	.6	.4									1.6	4.7
NNW	1.1	.3	.4	.2								2.5	4.9
VARBL													
CALM												14.7	
	12.2	26.5	30.3	14.1	1.8	.4						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS ~~936~~

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

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

SURFACE WINDS

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

TCC | HILL AFB UT (STATION / STATION NAME) | 74-83 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS)

TCC-CSCC (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	1.7	.6	.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	.3	1.8	2.4	1.2	.5	.3						6.9	9.3
ESE	1.8	4.9	14.9	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	.3	.7	1.2	.6								2.8	7.4
SW	.7	1.1	.5	.3								2.3	6.5
WSW	.2	.2	.1	.1	.1							1.0	7.0
W	.5	.2	.6	.3		.1						1.9	7.6
WNW	.1	.2	.2									.9	4.8
NW	.1	.2	.2									.5	6.0
NNW	.2	.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

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) DEC (MONTH)

ALL WEATHER (CLASS) 0600-0800 (GMT)

(CONDITION)

SPEED (KNTS) DIR	1 - 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	1.4	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	1.2	2.7	1.5	.5	.3						6.5	10.3
ESE	1.3	5.7	15.1	15.8	.8	.1						38.2	9.9
SE	1.6	1.2	1.5	.4		.1						4.7	5.6
SSE	1.7	1.7	1.6	.6								4.8	6.3
S	1.4	1.2	4.8	2.8	.7	.1						12.3	8.1
SSW	.5	1.2	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	.2	.1									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	20.1	30.1	22.9	1.6	.8						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR 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 ~~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	.2	.2	.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					7.5	11.1
ESE	1.2	9.2	19.5	11.4	.9	.1						36.3	9.3
SE	1.4	2.8	1.7	1.2								7.1	6.8
SSE	.9	2.2	.6		.1							3.7	5.1
S	.6	3.2	5.9	4.7	.2							14.7	9.2
SSW	.2	2.2	1.2	.4								4.0	6.4
SW	.2	1.1	.4	.1								1.9	5.5
WSW	.2	.3	.1	.1								.8	6.1
W	.1	.2	.2	.4								1.1	8.5
WNW	.2	.4	.1									.9	4.8
NW	.5	1.0	.3	.2								2.0	5.5
NNW	1.2	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 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)

~~72-755~~ STATION ~~HILL AFB UT~~ STATION NAME ~~74-83~~ YEARS ~~DEC~~ 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	2.3	1.6	1.2									5.6	4.6
NNE	.5	.5	.1	.1								1.3	4.8
NE	.2	.1										1.0	2.6
ENE	.5		.2				.1	.2				1.0	13.4
E	1.3	2.4	1.3	.6	.1	.4						6.1	7.4
ESE	2.-	5.2	4.1	1.-								12.3	6.3
SE	1.2	2.-	.6	.2								4.1	4.8
SSE	.8	1.7	1.-	.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	.8	.6	.9	.6	.1							3.0	7.3
WNW	.6	.3	.5	.2	.2							1.8	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	5.2

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)

72,725 (WBAN) MILL AFB VT (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	1.2	1.1	1.5	.8	.1							4.7	5.4
NNE	.6	.6	.7									1.6	4.9
NE	.7	.2	.1									.6	3.8
ENE	.2	.2					.3					.8	14.7
E	1.4	.7	.5	.3	.1	.3						3.5	7.2
ESE	1.6	2.3	2.5	.1	.2							6.7	6.C
SE	1.3	.8	.6									2.7	4.8
SSE	1.2	1.9	.5	.4								4.C	5.4
S	2.4	4.2	4.3	3.1	.9							14.6	8.C
SSW	2.7	2.1	.8	.3	.1							5.9	4.9
SW	1.6	1.C	.4									3.0	3.7
WSW	.8	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.C
NNW	2.9	2.6	1.1	.6								7.1	5.C
VARBL													
CALM												25.4	
	26.3	25.5	15.1	6.C	1.4	.3	.3					1CC.C	4.3

TOTAL NUMBER OF OBSERVATIONS 93C

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) 74-81 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

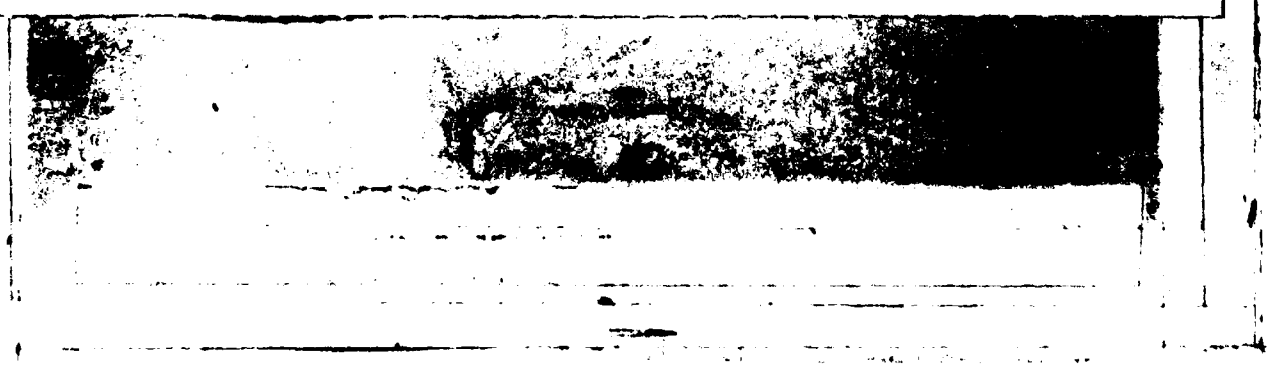
1300-2000 (HOUR (LST))

(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	1.8	2.8	1.8	.6	.1	.1						7.6	6.5
NNE	1.4	1.0	.2	.1								2.7	3.8
NE	.5	.3			.1							1.0	4.6
ENE	.6	.1	.1				.2					1.1	8.8
E	1.8	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	3.0	.9									6.0	4.5
S	1.8	5.7	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	.1	.1	.1	.1	.1							1.3	7.6
NW	.4	.5	.1									1.1	4.4
NNW	1.5	1.7	1.0	.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 936

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)

[redacted] HILL AFB UT — 74-83 — DEC

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — CLASS

21 C-21CC — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 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.-	1.1	.1		.1						4.9	5.2
NNE	1.-	.4										1.4	3.2
NE	.4	.4		.1								1.-	4.2
ENE	.2	.2	.1				.2					.9	13.5
E	.3	1.8	2.-	1.2	.1							6.C	7.4
ESE	4.1	6.5	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	1.7	1.5	.6	.2							4.8	7.4
SW	.5	.9	.1	.2		.1						2.3	6.C
WSW	.1	.2	.1									.4	5.C
W	.2	.3	.1									.6	5.C
WNW		.2	.1									.4	5.5
NW	.1	.4	.4	.2								1.4	6.2
NNW	.9	1.6	1.1	.1								3.7	5.6
VARBL													
CALM												17.C	
	17.7	30.6	23.5	9.1	1.8	.2	.2					100.C	5.5

TOTAL NUMBER OF OBSERVATIONS 930

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

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

SURFACE WINDS

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

[illegible] PSTNBR HILL AFB UT STATION NAME [illegible]-67 YEARS DEC MONTH

ALL WEATHER CLASS ALL HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.0	1.2	.3	.0	.1						3.1	5.6
NNE	.7	.5	.1	.0	.0	.0						1.4	4.3
NE	.3	.2	.0	.0	.0	.0						.7	4.3
ENE	.2	.2	.1	.0	.0		.1	.0				.8	10.4
E	1.1	1.4	1.9	1.0	.3	.3	.0					6.0	8.7
ESE	3.1	5.1	11.7	6.7	.4	.1						25.6	8.6
SE	1.2	2.7	1.2	.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	1.0	.4	.1		.0						2.1	5.3
WSW	.7	.6	.1	.1	.0							1.2	5.1
W	.5	.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	1.7	1.6	.9	.4	.1							4.1	5.7
VARBL													
CALM												18.4	
	15.6	26.1	27.9	13.5	1.7	.5	.2	.0				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 7486

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

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

SURFACE WINDS

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

...SEE — HILL AFB ...T — 74-64 — ALL
STATION — STATION NAME — YEARS — MONTH

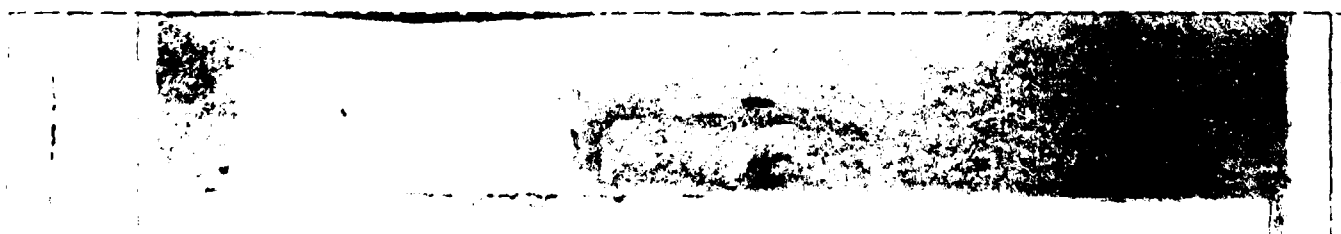
ALL WEATHER — ALL
CLASS — HOURS (L.S.T.)

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	.7	.1	.0	.0	.0						.9	4.0
ENE	.4	.7	.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	5.7	11.9	7.9	.6	.0	.0	.0				25.3	9.4
SE	1.2	2.2	1.2	.4	.0	.0						4.9	5.9
SSE	.3	1.6	1.1	.4	.0	.0	.0					3.9	6.3
S	1.9	2.7	3.8	1.0	.7	.1	.0					11.4	9.2
SSW	.7	1.6	1.7	.6	.1	.0	.0					4.4	7.3
SW	.5	1.0	.6	.2	.0	.0						2.4	6.1
WSW	.5	.7	.4	.1	.0	.0						1.8	5.9
W	.3	1.2	.8	.2	.0	.0	.0					3.3	6.1
WNW	.3	.3	.5	.2	.0	.0						2.1	5.6
NW	.3	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									.1	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)

[redacted] MILL AFB CT — 74-64 — ALL

STATION — STATION NAME — YEARS — MONTH

INSTRUMENT

CLASS

ALL

HOURS (L.S.T.)

CIG 200 TO 1MCC 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	.4	.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	1.7	.4	.1								3.2	4.3
SSE	1.2	1.6	1.2	.4	.0		.0					4.5	6.0
S	1.6	3.7	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	.7	.9	.7	.4	.0							2.6	6.1
W	1.4	.9	.9	.6	.2	.0	.0					4.2	7.1
WNW	.9	.9	.9	.3	.1							2.5	5.8
NW	1.5	1.5	.8	.3		.0						4.2	5.3
NNW	2.0	2.6	1.9	.9	.2	.0						7.6	6.5
VARBL													
CALM												28.5	
	20.0	23.0	16.2	8.8	1.9	.4	.1	.2				100.6	4.7

TOTAL NUMBER OF OBSERVATIONS 4230

USAFETAC FORM 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	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 90																
≥ 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 $\geq$ 1500 feet with $\geq$ 3 miles, subtracted from 97.4 read from the table at the intersection of $\geq$ 500 feet with $\geq$ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling $\geq$ 500 feet with visibility $\geq$ 1 mile, but < 3 miles; or ceiling $\geq$ 500 feet, but < 1500 feet with visibility $\geq$ 1 mile."

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

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AL CLIMATOLOGY BRANCH
AT TH SERVICE/MAC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] CEILING

CEILING [illegible]	VISIBILITY STATUTE MILES														
	10	9	8	7	6	5	4	3	2½	2	1½	1¼	1	⅝	½
[illegible]	32.7	32.2	33.7	34.3	34.7	35.1	35.4	35.7	35.8	35.8	35.9	35.9	35.9	36.2	36.2
[illegible]	34.1	34.1	35.8	36.5	36.9	37.1	37.6	38.0	38.1	38.1	38.2	38.2	38.2	38.5	38.5
[illegible]	36.7	36.2	36.1	36.8	37.2	37.6	38.1	38.3	38.4	38.4	38.5	38.5	38.5	38.8	39.0
[illegible]	36.7	36.2	36.1	36.8	37.2	37.6	38.1	38.3	38.4	38.4	38.5	38.5	38.5	38.8	39.0
[illegible]	36.4	36.7	37.2	37.8	38.3	38.7	39.1	39.4	39.5	39.5	39.6	39.6	39.6	39.9	40.1
[illegible]	37.2	37.5	38.4	39.0	39.5	39.9	40.2	40.5	40.6	40.6	40.8	40.8	40.8	41.1	41.3
[illegible]	39.1	39.6	40.1	40.8	41.2	41.6	41.9	42.3	42.4	42.4	42.5	42.5	42.5	42.8	43.0
[illegible]	41.1	41.4	41.7	42.5	42.4	42.8	43.1	43.4	43.5	43.5	43.7	43.7	43.7	44.0	44.2
[illegible]	43.9	44.3	44.4	44.2	44.8	45.3	45.6	45.9	46.0	46.0	46.1	46.1	46.1	46.5	46.7
[illegible]	45.5	46.1	46.6	46.3	47.0	47.4	47.8	48.2	48.3	48.3	48.4	48.4	48.4	48.7	48.9
[illegible]	50.4	50.6	50.3	51.2	51.9	52.4	52.8	53.1	53.2	53.2	53.3	53.3	53.3	53.7	53.9
[illegible]	53.0	53.4	55.4	55.5	57.4	58.0	58.6	58.9	59.0	59.0	59.1	59.1	59.1	59.5	59.7
[illegible]	58.5	59.3	59.0	60.1	61.1	61.6	62.3	62.6	62.7	62.7	62.8	62.8	62.8	63.1	63.3
[illegible]	62.0	62.4	61.4	62.7	63.7	64.2	64.8	65.4	65.5	65.5	65.6	65.6	65.6	65.9	66.1
[illegible]	65.7	66.0	63.7	65.1	66.0	66.6	67.1	67.8	68.0	68.0	68.1	68.1	68.1	69.4	68.6
[illegible]	68.2	68.3	67.1	68.9	70.4	71.1	71.9	72.5	72.6	72.6	72.7	72.7	72.7	73.0	73.2
[illegible]	70.5	69.0	69.2	71.2	73.0	73.5	74.6	75.3	75.4	75.5	75.6	75.6	75.6	75.9	76.1
[illegible]	70.6	70.5	70.2	72.2	74.3	74.8	76.3	77.6	77.8	78.1	78.2	78.2	78.4	78.7	78.9
[illegible]	71.0	70.8	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]	71.2	70.9	71.4	73.1	75.8	76.3	78.4	80.0	80.2	80.5	80.9	81.0	81.0	81.2	81.5	81.7
[illegible]	71.3	70.9	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]	71.4	70.9	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
900	71.4	70.9	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
800	71.4	70.9	72.8	75.3	78.3	78.9	81.9	83.9	84.2	85.5	85.9	86.2	86.3	86.7	86.9	87.3	87.5
700	71.4	70.9	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
600	71.4	70.9	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
500	71.4	70.9	73.4	75.9	79.4	80.0	83.2	85.4	86.0	88.4	88.9	89.0	89.5	89.7	90.1	90.3
400	71.4	70.9	73.5	76.2	79.6	80.2	83.4	85.4	86.8	89.4	90.0	90.1	90.8	91.0	91.4	91.7
300	71.4	70.9	73.5	76.3	79.6	80.2	83.5	86.1	87.0	90.1	91.2	91.3	91.9	92.2	92.8	93.2
200	71.4	70.9	73.5	76.3	79.6	80.2	83.5	86.1	87.1	90.4	91.7	91.8	92.5	93.0	93.9	95.9
100	71.4	70.9	73.5	76.0	79.6	80.2	83.5	86.1	87.1	90.4	91.7	91.8	92.9	93.1	94.1	98.4
0	71.4	70.9	73.5	76.0	79.6	80.2	83.5	86.1	87.1	90.4	91.7	91.8	92.9	93.1	94.1	100.0

TOTAL NUMBER OF OBSERVATIONS 931

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



2

...AL CLIMATOLOGY BRANCH
...TAC
...SERVICE...

CEILING VERSUS VISIBILITY

...5 ...L AFB ... STATION NAME ... 55-64 ... YEARS ... ALL

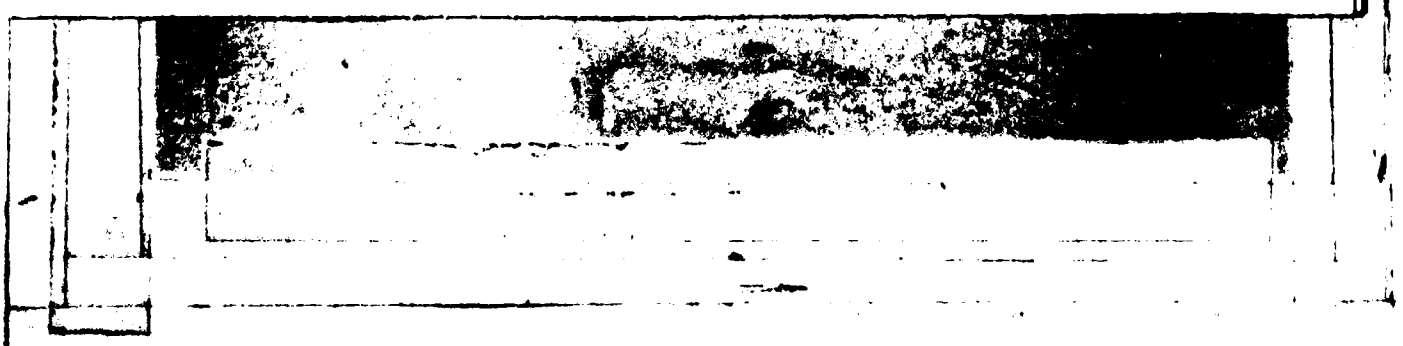
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...CCC-CCCC

CEILING (HUNDREDS OF FEET)	VISIBILITY: STATUTE MILES														
	10	9	8	7	6	5	4	3	2½	2	1½	1¼	1	⅝	½
...	...2.4	34.1	34.5	34.7	34.8	35.1	35.4	35.5	35.5	35.6	35.6	35.6	35.8	35.8	36.1
...5.	34.7	36.5	37..	37.3	37.4	37.6	38.0	38.1	38.1	38.2	38.2	38.2	38.4	38.5	38.8
...C	34.8	36.6	37.1	37.4	37.6	37.7	38.1	38.2	38.2	38.3	38.3	38.3	38.5	38.6	38.9
...C.	34.8	36.6	37.1	37.4	37.6	37.7	38.1	38.2	38.2	38.3	38.3	38.3	38.5	38.6	38.9
...0	35.7	37.4	38.0	38.3	38.4	38.6	38.9	39.0	39.	39.1	39.1	39.1	39.4	39.5	39.8
...	38.8	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
...7	39.5	40.2	41.0	41.1	41.2	41.4	41.7	41.8	41.8	41.9	41.9	41.9	42.2	42.3	42.6
...5.	...	...	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
...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
...	...	44.5	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
...9	48.6	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
...7.	55.9	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
...	55.2	59.1	59.8	6 .6	60.9	61.1	61.6	61.7	61.8	61.9	61.9	61.9	62.2	62.3	62.6
...4.	57.2	61.4	62..	63.1	63.3	63.5	64.1	64.2	64.3	64.4	64.8	64.8	64.6	64.7	65.1
...	62.9	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
...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
50...	63.7	69.8	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
...2.	64.9	70.9	72.4	74.5	75.1	75.7	76.8	77.0	77.2	77.3	77.3	77.3	77.5	77.6	78.0
...2	64.9	7 .9	72.7	74.5	75.1	75.7	76.8	77.0	77.2	77.3	77.3	77.3	77.5	77.6	78.0
...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
1.0	65.7	72.4	74..	76.6	77.1	77.7	79.1	79.4	79.7	80.0	80.0	80.0	80.2	80.3	80.6
...6.	66.0	72.0	74.7	77.4	78..	78.9	80.4	80.6	81.5	81.9	81.9	81.9	82.2	82.4	82.7
1.0	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
...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
...0	66.	73.1	74.8	77.8	78.6	79.8	81.5	81.7	82.9	84.0	84.1	84.1	84.3	84.5	84.9
...5	66..	73.4	75.2	78.2	79..	80.2	82.0	82.3	83.8	85.3	85.4	85.4	85.6	85.8	86.2
...0	66.	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
...5	66.0	73.9	75.7	79.1	80..	81.4	83.8	84.5	87.8	89.6	89.7	89.7	90.0	90.2	90.8
...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	66.0	73.9	75.7	79.2	80.1	81.5	83.9	84.7	89.0	91.9	92..	92.8	93.1	93.9	95.8
...5	66.	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
...0	66..	73.9	75.7	79.2	80.1	81.5	83.9	84.7	89.4	92.0	92.2	93.0	93.4	94.6	00.0

TOTAL NUMBER OF OBSERVATIONS 930

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



1
2

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

CEILING VERSUS VISIBILITY

...E HILL AFB, ... (STATION NAME) 15-84 (YEARS) ALL (HOURS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥7/8	≥¾	≥5/8	≥½	≥7/16	≥⅜	≥5/16	≥¼	≥0
...000	...	34.1	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	36.4	36.5	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	37.0	38.8	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	38.0	38.1	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	38.2	39.4	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	38.5	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
11000	39.0	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
10000	39.0	44.0	45.3	45.8	46.1	46.3	46.9	47.3	47.4	47.5	48.0	48.0	48.1	48.1	48.4	48.9
9000	41.4	45.8	48.2	48.7	49.1	49.2	49.8	50.2	50.3	50.4	50.9	50.9	51.0	51.0	51.3	51.8
8000	41.3	46.6	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
7000	47.0	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
6000	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
5000	49.3	57.2	60.4	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
4500	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
4000	50.7	60.5	64.1	64.9	65.5	65.7	66.6	67.2	67.4	67.5	68.0	68.1	68.3	68.3	68.6	69.1
3500	52.2	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
3000	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
2500	52.3	64.5	69.7	71.2	72.7	73.1	74.5	75.8	76.0	76.3	76.8	76.9	77.1	77.1	77.4	78.0
2200	52.3	65.2	70.0	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
2000	52.3	65.8	70.9	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
1800	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
1600	52.6	66.3	71.8	73.1	76.2	76.8	78.9	81.3	81.6	82.3	83.1	83.4	83.8	83.8	84.2	84.7
1400	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
1200	52.6	66.4	71.9	74.2	77.5	77.4	79.5	82.2	82.6	83.5	84.5	84.8	85.3	85.4	85.8	86.5
1000	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
900	52.6	66.5	72.3	74.5	76.9	77.4	80.2	83.2	83.8	84.9	86.2	86.6	87.2	87.3	87.7	88.4
800	52.6	66.5	72.6	74.9	77.3	77.8	80.8	83.8	84.4	86.7	87.5	87.8	88.7	88.8	89.2	90.0
700	52.6	66.5	72.6	74.9	77.7	78.3	81.3	84.3	85.7	88.2	89.6	89.9	91.1	91.2	91.8	92.7
600	52.6	66.5	72.6	74.9	78.0	78.5	81.6	84.8	86.2	88.9	91.8	91.1	92.8	93.2	94.0	95.1
500	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
400	52.6	66.5	72.6	74.9	78.0	78.5	81.6	84.9	86.3	89.1	91.0	91.4	93.3	93.9	95.8	98.4
300	52.6	66.5	72.6	74.9	78.0	78.5	81.6	84.9	86.3	89.1	91.0	91.4	93.3	94.0	95.9	100.0

TOTAL NUMBER OF OBSERVATIONS 936

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

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

CEILING VERSUS VISIBILITY

...S HILL AFB, UT ... 75-84 ... MAR ... JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0500-1100 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	28.2	31.2	31.4	32.3	33.2	33.3	33.7	34.2	34.5	34.8	35.1	35.3	35.5	35.5	35.6	35.8
≥ 20000	28.8	31.9	32.1	34.1	35.5	35.6	36.0	36.6	37.0	37.3	37.6	37.7	38.0	38.0	38.1	38.4
≥ 10000	29.4	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
≥ 6000	29.5	33.5	34.2	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
≥ 4000	31.7	36.0	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
≥ 3000	33.5	38.0	39.5	40.4	41.6	41.8	42.4	42.9	43.3	43.6	44.0	44.3	44.4	44.6	44.6	44.9
≥ 2500	34.0	38.9	40.4	41.3	42.5	42.7	43.3	43.8	44.2	44.5	44.9	45.2	45.3	45.5	45.6	45.9
≥ 2000	34.4	39.4	40.8	41.7	42.9	43.1	43.7	44.2	44.6	44.9	45.3	45.6	45.7	45.9	46.0	46.3
≥ 1800	34.6	39.6	41.0	41.9	43.1	43.3	43.9	44.4	44.8	45.1	45.5	45.8	45.9	46.1	46.2	46.5
≥ 1500	34.8	39.8	41.2	42.1	43.3	43.5	44.1	44.6	45.0	45.3	45.7	46.0	46.1	46.3	46.4	46.7
≥ 1200	35.0	40.0	41.4	42.3	43.5	43.7	44.3	44.8	45.2	45.5	45.9	46.2	46.3	46.5	46.6	46.9
≥ 1000	35.1	40.1	41.5	42.4	43.6	43.8	44.4	44.9	45.3	45.6	46.0	46.3	46.4	46.6	46.7	47.0
≥ 900	35.2	40.2	41.6	42.5	43.7	43.9	44.5	45.0	45.4	45.7	46.1	46.4	46.5	46.7	46.8	47.1
≥ 800	35.2	40.2	41.6	42.5	43.7	43.9	44.5	45.0	45.4	45.7	46.1	46.4	46.5	46.7	46.8	47.1
≥ 700	35.2	40.2	41.6	42.5	43.7	43.9	44.5	45.0	45.4	45.7	46.1	46.4	46.5	46.7	46.8	47.1
≥ 600	35.2	40.2	41.6	42.5	43.7	43.9	44.5	45.0	45.4	45.7	46.1	46.4	46.5	46.7	46.8	47.1
≥ 500	35.2	40.2	41.6	42.5	43.7	43.9	44.5	45.0	45.4	45.7	46.1	46.4	46.5	46.7	46.8	47.1
≥ 400	35.2	40.2	41.6	42.5	43.7	43.9	44.5	45.0	45.4	45.7	46.1	46.4	46.5	46.7	46.8	47.1
≥ 300	35.2	40.2	41.6	42.5	43.7	43.9	44.5	45.0	45.4	45.7	46.1	46.4	46.5	46.7	46.8	47.1
≥ 200	35.2	40.2	41.6	42.5	43.7	43.9	44.5	45.0	45.4	45.7	46.1	46.4	46.5	46.7	46.8	47.1
≥ 100	35.2	40.2	41.6	42.5	43.7	43.9	44.5	45.0	45.4	45.7	46.1	46.4	46.5	46.7	46.8	47.1
≥ 0	35.2	40.2	41.6	42.5	43.7	43.9	44.5	45.0	45.4	45.7	46.1	46.4	46.5	46.7	46.8	47.1

TOTAL NUMBER OF OBSERVATIONS 930

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

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

CEILING VERSUS VISIBILITY

...SE HILL AFB, UT — 75-84 — ANN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 DEC-14 DEC

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	22.4	26.0	27.8	29.[illegible]	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
≥ 8000	27.0	30.0	31.9	33.1	34.5	34.9	35.6	36.8	37.1	37.7	38.[illegible]	38.0	38.0	38.0	38.0	38.0
≥ 6000	27.1	31.1	33.0	34.2	35.6	36.[illegible]	36.7	37.8	38.2	38.8	39.0	39.[illegible]	39.0	39.0	39.0	39.0
≥ 4000	27.[illegible]	33.2	35.4	36.6	38.[illegible]	38.4	39.1	40.4	40.8	41.4	41.6	41.6	41.6	41.6	41.6	41.6
≥ 2000	31.2	35.5	38.1	39.4	41.[illegible]	41.3	42.2	43.5	43.9	44.5	44.7	44.7	44.7	44.7	44.7	44.7
≥10000	34.[illegible]	39.[illegible]	41.3	42.7	44.2	44.6	45.6	47.[illegible]	47.4	48.1	48.3	48.3	48.3	48.3	48.3	48.3
≥ 9000	34.5	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
≥ 8000	35.1	44.3	46.8	48.3	49.9	50.4	51.4	52.9	53.3	54.[illegible]	54.2	54.2	54.2	54.2	54.2	54.2
≥ 7000	41.[illegible]	47.4	49.9	51.4	53.2	53.6	55.2	56.8	57.2	58.0	58.2	58.[illegible]	58.2	58.2	58.2	58.2
≥ 6000	47.4	49.5	52.[illegible]	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
≥ 5000	48.[illegible]	52.4	56.3	58.2	60.[illegible]	61.1	63.[illegible]	64.7	65.2	66.1	66.6	66.6	66.7	66.7	66.7	66.7
≥ 4500	49.6	55.5	59.5	61.4	63.8	63.4	65.6	67.4	67.8	68.8	69.[illegible]	69.2	69.4	69.4	69.4	69.4
≥ 4000	50.[illegible]	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
≥ 3500	51.[illegible]	58.9	62.4	64.6	67.3	66.0	70.5	72.7	73.1	74.2	74.6	74.6	74.7	74.7	74.7	74.7
≥ 3000	51.5	60.1	63.8	66.1	69.2	70.[illegible]	72.7	75.1	75.5	76.6	77.[illegible]	77.0	77.1	77.1	77.1	77.1
≥ 2500	51.6	61.5	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
≥ 2000	51.7	61.1	65.8	68.7	72.7	73.5	76.9	79.5	79.9	81.1	81.5	81.9	82.0	82.0	82.2	82.2
≥ 1800	51.7	61.1	65.6	68.9	72.9	74.1	77.1	79.7	80.1	81.3	82.2	82.2	82.4	82.4	82.5	82.5
≥ 1500	51.[illegible]	61.1	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
≥ 1200	51.9	61.3	66.0	69.4	73.5	74.9	78.1	81.[illegible]	81.5	82.9	84.2	84.2	84.5	84.5	84.6	84.6
≥ 1000	51.9	61.3	66.0	69.5	74.1	75.6	78.8	82.3	82.8	84.6	85.9	86.1	86.5	86.5	86.6	86.6
≥ 900	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
≥ 800	51.9	61.3	66.[illegible]	69.8	74.8	76.[illegible]	80.1	83.8	84.4	86.4	88.1	88.3	88.7	88.7	88.8	88.8
≥ 700	51.9	61.3	66.[illegible]	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
≥ 600	51.[illegible]	61.3	66.[illegible]	69.8	74.6	76.2	81.8	85.1	86.2	89.2	90.9	91.1	91.6	91.6	91.8	91.8
≥ 500	51.9	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
≥ 400	51.9	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	95.4	95.4
≥ 300	51.9	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
≥ 200	51.9	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	97.4	98.1
≥ 100	51.9	61.3	66.0	69.8	74.8	76.5	81.1	85.5	86.8	91.3	93.9	94.3	96.1	96.6	97.6	99.7
≥ 0	51.9	61.3	66.0	69.8	74.8	76.5	81.1	85.5	86.8	91.3	93.9	94.3	96.1	96.6	97.6	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
...TAC
... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...MILL AFB, FL (STATION NAME) 75-84 (YEARS) ANN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	26.4	26.3	28.7	30.6	32.0	32.4	32.8	33.6	33.9	34.2	34.5	34.5	34.5	34.5	34.5	34.5
≥ 25000	26.4	26.7	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
≥ 20000	27.1	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
≥ 15000	27.4	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
≥ 12000	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
≥ 10000	28.1	34.3	36.5	38.7	40.4	40.8	41.3	42.6	42.9	43.2	43.5	43.5	43.5	43.7	43.8	43.9
≥ 9000	28.3	36.1	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
≥ 8000	34.0	37.7	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
≥ 7000	35.0	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
≥ 6000	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
≥ 5000	42.6	48.5	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
≥ 4500	43.1	49.6	52.6	55.2	57.6	58.1	59.2	60.6	61.0	61.6	62.3	62.3	62.3	62.5	62.6	62.7
≥ 4000	45.1	52.2	55.8	58.5	61.1	61.6	62.8	64.3	64.7	65.4	66.3	66.3	66.3	66.4	66.5	66.6
≥ 3500	50.1	57.8	60.9	63.8	66.6	67.2	68.6	70.1	70.4	71.4	72.1	72.0	72.0	72.2	72.3	72.4
≥ 3000	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
≥ 2500	53.0	61.8	64.2	67.3	70.1	71.0	72.8	74.4	74.7	75.8	76.5	76.5	76.7	76.8	76.9	77.0
≥ 2000	53.7	62.2	65.7	69.1	72.4	73.2	75.3	77.0	77.3	78.4	79.0	79.0	79.2	79.4	79.5	79.6
≥ 1800	54.1	63.5	67.3	7 .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
≥ 1600	54.2	63.5	67.4	71.2	74.6	75.1	77.7	79.7	80.0	81.2	81.8	81.8	82.0	82.2	82.3	82.4
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 450	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
≥ 400	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
≥ 350	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
≥ 300	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
≥ 250	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
≥ 200	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
≥ 150	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
≥ 100	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 932

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

1
2

...GAL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...S HILL AFB, UT (STATION NAME) 75-84 (YEARS) ALL (MONTHS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...HOUR: 1900-2400

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
≥ 20000	24.1	27.3	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
≥ 15000	24.4	29.4	31.8	34.1	35.3	36.1	37.1	38.0	38.1	38.4	38.5	38.5	38.6	38.6	38.8	38.9
≥ 10000	25.8	29.5	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
≥ 9000	25.8	29.5	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
≥ 8000	25.8	29.5	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
≥ 7000	25.8	29.5	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
≥ 6000	25.8	29.5	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
≥ 5000	25.8	29.5	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
≥ 4500	25.8	29.5	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
≥ 4000	25.8	29.5	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
≥ 3500	25.8	29.5	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
≥ 3000	25.8	29.5	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
≥ 2500	25.8	29.5	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
≥ 2000	25.8	29.5	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
≥ 1800	25.8	29.5	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
≥ 1500	25.8	29.5	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
≥ 1200	25.8	29.5	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
≥ 1000	25.8	29.5	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
≥ 900	25.8	29.5	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
≥ 800	25.8	29.5	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
≥ 700	25.8	29.5	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
≥ 600	25.8	29.5	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
≥ 500	25.8	29.5	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
≥ 400	25.8	29.5	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
≥ 300	25.8	29.5	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
≥ 200	25.8	29.5	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
≥ 100	25.8	29.5	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
≥ 0	25.8	29.5	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

TOTAL NUMBER OF OBSERVATIONS 931

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

2

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

CEILING VERSUS VISIBILITY

...E HILL AFB, UT (STATION NAME) 75-84 (YEARS) ALL (MONTHS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	24.0	29.7	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	31.5	33.3	34.9	35.8	36.0	36.9	37.0	37.2	37.4	37.4	37.4	37.4	37.4	37.5	37.5
15000	24.4	31.1	33.5	35.2	36.1	36.2	37.1	37.2	37.4	37.6	37.6	37.6	37.6	37.6	37.7	37.7
12000	24.4	31.4	33.9	35.5	36.3	36.6	37.4	37.5	37.7	38.0	38.0	38.0	38.0	38.0	38.1	38.1
10000	24.7	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
9000	24.7	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
8000	24.4	34.1	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
7000	24.4	34.2	40.6	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
6000	24.4	39.0	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
5000	24.7	41.1	44.6	46.6	47.6	48.1	48.9	49.0	49.2	49.6	49.6	49.6	49.6	49.6	49.7	49.7
4500	24.7	45.8	49.7	51.6	52.7	53.0	54.0	54.1	54.3	54.6	54.6	54.6	54.6	54.6	54.7	54.7
4000	24.0	51.7	56.3	58.6	59.9	60.2	61.4	61.5	61.7	62.0	62.0	62.0	62.0	62.0	62.2	62.3
3500	24.5	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
3000	24.4	56.2	62.0	64.7	66.3	66.7	68.0	68.3	68.5	69.0	69.0	69.0	69.0	69.0	69.1	69.2
2900	24.7	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
2800	24.6	60.2	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
2700	24.5	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
2600	24.6	62.8	72.5	76.4	78.7	79.1	80.7	81.0	81.2	81.8	81.8	81.8	81.8	81.8	81.9	82.0
2500	24.7	62.9	72.8	76.6	78.9	79.3	80.9	81.2	81.5	82.1	82.1	82.1	82.1	82.1	82.2	82.3
2400	24.8	63.3	73.4	77.5	79.8	80.2	81.8	82.1	82.4	83.0	83.0	83.0	83.0	83.0	83.1	83.2
2300	24.7	63.3	73.6	77.9	80.2	80.7	82.3	82.6	82.9	83.5	83.5	83.5	83.5	83.5	83.6	83.7
2200	24.9	63.7	73.9	78.2	80.5	81.0	82.6	82.9	83.2	83.8	83.8	83.8	83.8	83.8	83.9	84.0
2100	24.9	63.7	74.0	78.3	80.6	81.1	82.7	83.0	83.3	83.9	83.9	83.9	83.9	83.9	84.0	84.1
2000	24.9	63.8	74.1	78.4	80.7	81.2	82.8	83.1	83.4	84.0	84.0	84.0	84.0	84.0	84.1	84.2
1900	24.9	63.8	74.2	78.5	80.8	81.3	82.9	83.2	83.5	84.1	84.1	84.1	84.1	84.1	84.2	84.3
1800	24.9	63.8	74.3	78.6	80.9	81.4	83.0	83.3	83.6	84.2	84.2	84.2	84.2	84.2	84.3	84.4
1700	24.9	63.8	74.3	78.6	80.9	81.4	83.0	83.3	83.6	84.2	84.2	84.2	84.2	84.2	84.3	84.4
1600	24.9	63.8	74.3	78.6	80.9	81.4	83.0	83.3	83.6	84.2	84.2	84.2	84.2	84.2	84.3	84.4
1500	24.9	63.8	74.3	78.6	80.9	81.4	83.0	83.3	83.6	84.2	84.2	84.2	84.2	84.2	84.3	84.4
1400	24.9	63.8	74.3	78.6	80.9	81.4	83.0	83.3	83.6	84.2	84.2	84.2	84.2	84.2	84.3	84.4
1300	24.9	63.8	74.3	78.6	80.9	81.4	83.0	83.3	83.6	84.2	84.2	84.2	84.2	84.2	84.3	84.4
1200	24.9	63.8	74.3	78.6	80.9	81.4	83.0	83.3	83.6	84.2	84.2	84.2	84.2	84.2	84.3	84.4
1100	24.9	63.8	74.3	78.6	80.9	81.4	83.0	83.3	83.6	84.2	84.2	84.2	84.2	84.2	84.3	84.4
1000	24.9	63.8	74.3	78.6	80.9	81.4	83.0	83.3	83.6	84.2	84.2	84.2	84.2	84.2	84.3	84.4
900	24.9	63.8	74.3	78.6	80.9	81.4	83.0	83.3	83.6	84.2	84.2	84.2	84.2	84.2	84.3	84.4
800	24.9	63.8	74.3	78.6	80.9	81.4	83.0	83.3	83.6	84.2	84.2	84.2	84.2	84.2	84.3	84.4
700	24.9	63.8	74.3	78.6	80.9	81.4	83.0	83.3	83.6	84.2	84.2	84.2	84.2	84.2	84.3	84.4
600	24.9	63.8	74.3	78.6	80.9	81.4	83.0	83.3	83.6	84.2	84.2	84.2	84.2	84.2	84.3	84.4
500	24.9	63.8	74.3	78.6	80.9	81.4	83.0	83.3	83.6	84.2	84.2	84.2	84.2	84.2	84.3	84.4
400	24.9	63.8	74.3	78.6	80.9	81.4	83.0	83.3	83.6	84.2	84.2	84.2	84.2	84.2	84.3	84.4
300	24.9	63.8	74.3	78.6	80.9	81.4	83.0	83.3	83.6	84.2	84.2	84.2	84.2	84.2	84.3	84.4
200	24.9	63.8	74.3	78.6	80.9	81.4	83.0	83.3	83.6	84.2	84.2	84.2	84.2	84.2	84.3	84.4
100	24.9	63.8	74.3	78.6	80.9	81.4	83.0	83.3	83.6	84.2	84.2	84.2	84.2	84.2	84.3	84.4
0	24.9	63.8	74.3	78.6	80.9	81.4	83.0	83.3	83.6	84.2	84.2	84.2	84.2	84.2	84.3	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
...AC
...AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...ES HILL AFB, UT (STATION NAME) 75-84 (YEARS) AA

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

VISIBILITY (STATUTE MILES)

CEILING (FEET)	10+	7	5	4	3	2½	2	1½	1¼	1	½	½	¼	0
12000+	71.0	72.4	73.7	74.6	75.1	75.4	75.6	75.8	75.9	76.0	76.1	76.2	76.3	76.4
8000-11999	77.7	81.0	82.8	83.6	84.2	84.6	84.8	85.0	85.1	85.2	85.3	85.4	85.5	85.6
6000-7999	79.1	82.3	84.3	85.2	85.8	86.2	86.4	86.6	86.7	86.8	86.9	87.0	87.1	87.2
5000-5999	79.8	83.2	85.2	86.1	86.7	87.1	87.3	87.5	87.6	87.7	87.8	87.9	88.0	88.1
4500-4999	80.2	83.6	85.7	86.6	87.2	87.6	87.8	88.0	88.1	88.2	88.3	88.4	88.5	88.6
4000-4499	80.6	84.0	86.1	87.0	87.6	88.0	88.2	88.4	88.5	88.6	88.7	88.8	88.9	89.0
3500-3999	81.1	84.5	86.6	87.5	88.1	88.5	88.7	88.9	89.0	89.1	89.2	89.3	89.4	89.5
3000-3499	81.5	84.9	87.0	87.9	88.5	88.9	89.1	89.3	89.4	89.5	89.6	89.7	89.8	89.9
2500-2999	82.1	85.5	87.6	88.5	89.1	89.5	89.7	89.9	90.0	90.1	90.2	90.3	90.4	90.5
2000-2499	82.5	85.9	88.0	88.9	89.5	89.9	90.1	90.3	90.4	90.5	90.6	90.7	90.8	90.9
1800-1999	82.9	86.3	88.4	89.3	89.9	90.3	90.5	90.7	90.8	90.9	91.0	91.1	91.2	91.3
1500-1799	83.1	86.5	88.6	89.5	90.1	90.5	90.7	90.9	91.0	91.1	91.2	91.3	91.4	91.5
1200-1499	83.4	86.8	88.9	89.8	90.4	90.8	91.0	91.2	91.3	91.4	91.5	91.6	91.7	91.8
1000-1199	83.6	87.0	89.1	90.0	90.6	91.0	91.2	91.4	91.5	91.6	91.7	91.8	91.9	92.0
900-999	83.7	87.1	89.2	90.1	90.7	91.1	91.3	91.5	91.6	91.7	91.8	91.9	92.0	92.1
800-899	83.8	87.2	89.3	90.2	90.8	91.2	91.4	91.6	91.7	91.8	91.9	92.0	92.1	92.2
700-799	83.9	87.3	89.4	90.3	90.9	91.3	91.5	91.7	91.8	91.9	92.0	92.1	92.2	92.3
600-699	84.0	87.4	89.5	90.4	91.0	91.4	91.6	91.8	91.9	92.0	92.1	92.2	92.3	92.4
500-599	84.1	87.5	89.6	90.5	91.1	91.5	91.7	91.9	92.0	92.1	92.2	92.3	92.4	92.5
400-499	84.2	87.6	89.7	90.6	91.2	91.6	91.8	92.0	92.1	92.2	92.3	92.4	92.5	92.6
300-399	84.3	87.7	89.8	90.7	91.3	91.7	91.9	92.1	92.2	92.3	92.4	92.5	92.6	92.7
200-299	84.4	87.8	89.9	90.8	91.4	91.8	92.0	92.2	92.3	92.4	92.5	92.6	92.7	92.8
100-199	84.5	87.9	90.0	90.9	91.5	91.9	92.1	92.3	92.4	92.5	92.6	92.7	92.8	92.9
0-99	84.5	87.9	90.0	90.9	91.5	91.9	92.1	92.3	92.4	92.5	92.6	92.7	92.8	92.9

TOTAL NUMBER OF OBSERVATIONS 7440

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

2

...AL CLIMATOLOGY BRANCH
...ETAC
...AT FO SERVICE/MAC

CEILING VERSUS VISIBILITY

...S HILL AFB ...T [illegible] 15-84 [illegible] FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...-[illegible]

VISIBILITY, STATUTE MILES

CEILING, HUNDREDS OF FEET	2	1½	1	¾	½	¼	2	1½	1	¾	½	¼	0	2½ to ½	¼	0
[illegible]	[illegible]	47.8	49.2	49.4	4 .6	49.6	49.9	49.9	49.9	50.2	50.8	5 .8	5 .8	5 .8	5 .8	5 .9
[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	53.1	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	53.1	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]	52.1	53.5	53.6	53.8	53.8	54.2	54.2	54.2	54.4	55.[illegible]	55.0	55.[illegible]	55.0	55.0	55.1
[illegible]	[illegible]	53.5	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.[illegible]	59.[illegible]	59.6	59.7	59.7	60.0	60.5	60.5	60.5	60.5	60.5	60.7
[illegible]	[illegible]	58.2	59.7	60.[illegible]	60.2	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]	64.4	64.7	64.9	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].0	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]	[illegible]	68.1	70.9	71.1	71.5	71.5	72.1	72.7	72.8	73.1	73.5	73.9	73.9	73.9	73.9	74.[illegible]
[illegible]	[illegible]	70.8	73.7	74.0	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]	[illegible]	74.2	77.1	77.5	78.0	78.[illegible]	79.8	79.4	79.5	79.9	80.7	80.7	80.8	80.8	8 .8	80.9
[illegible]	6[illegible].5	76.[illegible]	79.3	79.5	8 .7	80.2	81.0	81.6	81.7	82.1	82.9	82.9	83.0	83.0	83.0	83.2
[illegible]	[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	86.0
[illegible]	[illegible]	79.6	81.6	83.[illegible]	83.6	83.9	84.8	85.5	85.7	86.1	86.9	86.9	87.0	87.0	8 [illegible]	87.2
[illegible]	[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]	89.0
[illegible]	[illegible]	79.5	84.0	84.6	85.3	85.6	86.6	87.3	87.5	88.[illegible]	88.9	88.9	89.[illegible]	89.0	89.0	89.2
[illegible]	[illegible]	[illegible]	[illegible]	85.6	86.3	86.6	87.9	89.2	89.5	90.1	91.2	91.2	91.3	91.3	91.3	91.4
[illegible]	[illegible]	[illegible].4	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	92.5
[illegible]	[illegible]	[illegible].7	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	93.8
[illegible]	[illegible]	[illegible].7	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	93.8
[illegible]	[illegible]	86.7	86.2	87.[illegible]	87.9	88.3	89.4	90.9	91.3	92.2	93.6	93.8	94.[illegible]	94.1	94.1	94.2
[illegible]	[illegible]	90.7	86.2	87.0	87.9	88.3	89.4	90.9	91.3	92.2	93.6	93.8	94.[illegible]	94.1	94.1	94.2
[illegible]	[illegible]	86.7	86.3	87.2	88.0	88.5	89.5	91.[illegible]	91.6	92.8	94.3	94.5	94.7	94.8	94.8	94.9
[illegible]	[illegible]	90.7	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	96.0
[illegible]	[illegible]	90.7	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	97.4
[illegible]	[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	98.0
[illegible]	[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	98.8
[illegible]	[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	99.6
[illegible]	[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

TOTAL NUMBER OF OBSERVATIONS 849

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

2

AL CLIMATOLOGY BRANCH
...AT SERVICE/MAC

CEILING VERSUS VISIBILITY

...5 HILL AFB UT (WBAN) ... 15-84 (YEAR) ... FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...-DEC-ESCC

CEILING (FEET)	VISIBILITY STATUTE MILES															
	...	26	...	24	23	22	21	20	19	18	17	16	15	25/16	14	20
...	...1.1	...2.5	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	46.1
...	...2.1	...4.1	49.5	49.7	49.7	49.7	50.2	50.2	50.2	50.2	50.4	50.4	50.5	50.5	5..5	5..8
5000	...4.2	...7.7	5..1	5..3	5..3	50.3	50.8	50.8	50.8	50.8	51.0	51.0	51.1	51.1	51.1	51.4
4500	...8.5	5..1	...4	5..6	5..6	50.6	51.1	51.1	51.1	51.1	51.4	51.4	51.5	51.5	51.5	51.7
4000	...8..	...4	5..1	51..	51..	51.5	51.5	51.5	51.5	51.5	51.7	51.7	51.8	51.8	51.8	52.1
3500	...1.1	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
3000	...5.0	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
2500	...0..	57.2	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
2200	59..	59.5	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
2000	...2.1	...0.0	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
1800	...5.4	6..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
1600	...1.4	68.7	7..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
1400	...4.5	...2.3	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
1200	...6.5	75..	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
1000	67.1	76..	79.7	79..	79.7	79.7	8..2	81.0	81.0	81.2	81.4	81.4	81.5	81.5	81.5	81.7
900	...8..	78..	81..	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
800	69.8	76.0	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
700	...9..	79.7	83.0	83.5	85.2	85.3	85.9	86.7	86.7	86.8	87..	87.0	87.4	87.4	87.4	87.6
600	6..0	79.7	83.0	83.9	85.2	85.3	86..	86.8	86.8	86.9	87.2	87.2	87.5	87.5	87.5	87.8
500	...9..	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
400	69.5	80.8	84.3	85.3	86.7	86.9	88.0	88.9	88.9	89.2	90..	90.0	90.3	90.3	9..3	90.6
300	...2.5	8..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
200	69.5	8..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
100	...2.5	8..9	85.4	86.3	87.8	88..	89.3	90.6	90.6	90.9	92.0	92.0	92.3	92.3	92.5	92.7
0	69.5	81..	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
	...9.5	81..	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
	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
	...9.5	81.0	85.6	86.6	88.3	88.6	9..2	92.0	92.2	93.1	95.4	95.5	96.1	96.1	96.2	96.6
300	69.5	81.0	85.6	86.6	88.3	88.6	90.2	92..	92.2	93.2	95.9	96.1	96.9	96.9	97.1	97.5
200	...9.5	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
100	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
0	...9.5	81..	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

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

CEILING VERSUS VISIBILITY

...S HALL AFB, LT. (STATION NAME) 75-84 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~(LST)~~

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥⅝	≥½	≥¼	0
		43.9	44.1	44.1	44.3	44.3	44.5	44.6	44.6	45.0	45.3	45.3	45.3	45.3	45.3	45.8
	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
	43.5	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
	43.5	47.9	48.1	48.1	48.5	48.4	48.6	48.8	48.8	49.1	49.6	49.6	49.6	49.6	49.6	50.2
	44.	48.9	49.	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
	45.6	50.6	51.9	52.9	51.2	51.2	51.5	51.9	51.9	52.3	52.8	52.8	52.8	52.8	52.8	53.4
	50.3	54.8	55.0	55.	55.4	55.4	55.6	56.2	56.2	56.5	57.1	57.1	57.1	57.1	57.1	57.7
	51.5	56.2	56.4	56.4	56.8	56.8	57.0	57.6	57.6	58.0	58.5	58.5	58.5	58.5	58.5	59.1
	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
	56.4	61.7	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
	59.5	65.6	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
	64.5	71.9	72.5	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
	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
	68.3	76.7	77.9	78.1	78.6	78.6	79.1	79.9	79.9	80.2	80.8	80.8	80.8	80.8	80.8	81.4
	69.8	77.5	79.7	79.9	79.7	79.7	80.2	81.0	81.0	81.4	82.0	82.0	82.0	82.0	82.0	82.6
	70.3	78.6	80.8	81.0	80.1	80.1	80.6	81.4	81.4	81.9	82.5	82.5	82.5	82.5	82.5	83.0
	71.6	80.4	82.8	83.9	83.3	83.3	83.7	84.6	84.6	85.0	85.6	85.6	85.6	85.6	85.6	86.2
	72.3	81.9	84.5	85.6	85.2	85.2	85.7	86.6	86.6	87.0	87.6	87.6	87.6	87.6	87.6	88.2
	72.4	82.0	84.6	85.7	85.3	85.3	85.8	86.8	86.8	87.4	88.0	88.0	88.0	88.0	88.0	88.6
	72.4	82.1	85.2	86.3	85.9	85.8	86.3	87.3	87.3	87.9	88.5	88.5	88.5	88.5	88.5	89.1
	72.4	82.3	85.4	86.6	86.2	86.1	86.6	87.6	87.6	88.2	88.8	88.8	88.8	88.8	88.8	89.4
	72.4	82.4	85.6	86.8	86.4	86.3	86.8	87.8	87.8	88.4	89.0	89.0	89.0	89.0	89.0	89.6
	72.4	82.4	85.6	86.8	86.5	86.4	86.9	87.9	87.9	88.5	89.1	89.1	89.1	89.1	89.1	89.7
	72.4	82.4	85.6	86.8	86.5	86.6	87.1	88.1	88.1	88.7	89.3	89.3	89.3	89.3	89.3	89.9
	72.4	82.4	85.7	87.0	86.7	86.8	87.3	88.3	88.3	88.9	89.5	89.5	89.5	89.5	89.5	90.1
	72.4	82.4	85.7	87.0	86.8	86.9	87.4	88.4	88.4	89.0	89.6	89.6	89.6	89.6	89.6	90.2
	72.4	82.4	85.7	87.0	86.8	86.9	87.4	88.4	88.4	89.0	89.6	89.6	89.6	89.6	89.6	90.2
	72.4	82.4	85.7	87.0	88.8	88.9	89.4	90.4	90.4	91.0	91.6	91.6	91.6	91.6	91.6	92

2

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

CEILING VERSUS VISIBILITY

...CHES HILL AFB, T... (STATION NAME) '5-84 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...5CC-11CC (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	26	25	24	23	22	27	21	21+	21	2+	2½	2	25/16	2+	20
...ETING	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
≥ 20000	43.8	45.6	46.4	46.8	46.9	47.1	47.2	47.5	47.5	48.2	48.6	48.9	49.2	49.2	49.4	50.1
≥ 15000	49.1	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	51.1	51.7
≥ 10000	45.6	47.7	48.2	48.6	48.8	48.9	49.1	49.4	49.4	50.1	50.5	50.8	51.1	51.1	51.2	51.9
≥ 9000	47.1	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
≥ 8000	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
≥ 7000	53.2	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
≥ 6000	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
≥ 5000	59.3	61.3	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
≥ 4500	60.6	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
≥ 4000	63.1	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
≥ 3500	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
≥ 3000	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
≥ 2500	72.	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
≥ 2000	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
≥ 1800	75.3	8 .4	82.6	83.3	84.5	84.6	85.	85.9	85.9	87.4	88.1	88.3	88.7	88.7	88.9	89.6
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	76.3	81.5	84.7	85.6	87.8	88.0	89.0	90.6	90.7	93.6	98.3	98.7	95.6	95.6	96.0	96.7
≥ 500	76.3	81.5	84.7	85.6	87.9	88.1	89.0	90.6	90.7	93.6	98.3	98.7	95.6	95.6	96.0	96.7
≥ 400	76.3	81.5	84.7	85.6	87.9	88.	89.0	90.6	90.7	93.8	98.6	98.9	95.9	96.0	96.6	97.3
≥ 300	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
≥ 200	76.4	81.6	84.8	85.7	88.0	88.1	89.2	90.7	90.8	98.3	95.2	95.5	96.8	96.9	97.6	98.3
≥ 100	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
≥ 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	99.9
	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 892

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

2

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

CEILING VERSUS VISIBILITY

...S HILL AFB, UT [illegible] 15-84 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...-1400

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
	41.5	41.5	43.6	43.9	44.1	44.1	44.5	44.9	46.6	46.8	46.8	47.0	47.0	47.0
	46.6	46.6	48.2	48.8	49.1	49.2	49.8	50.2	51.9	52.1	52.1	52.4	52.4	52.4
	47.2	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
	47.3	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
	48.8	48.8	50.3	51.0	51.5	51.6	51.9	52.4	52.8	54.5	54.7	54.7	55.0	55.0	55.0	55.0
	52.5	52.5	53.6	54.1	54.2	54.5	55.1	55.5	57.2	57.8	57.8	57.7	57.7	57.7	57.7	57.7
	54.5	54.5	56.1	57.1	57.6	57.7	58.2	58.9	59.2	61.0	61.1	61.1	61.5	61.5	61.5	61.5
	56.1	56.1	57.6	58.8	59.2	59.4	59.8	60.5	60.9	62.7	62.8	62.8	63.2	63.1	63.1	63.1
	59.1	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
	63.4	63.4	64.7	65.4	65.5	66.0	66.7	67.0	68.9	69.0	69.0	69.4	69.4	69.4	69.4	69.4
	63.8	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
	72.2	72.2	73.9	74.8	74.9	75.4	76.2	76.6	78.6	78.7	78.7	79.1	79.3	79.0	79.0	79.0
	73.3	73.3	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
	77.3	77.3	80.0	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
	78.0	78.0	80.7	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
	79.2	79.2	81.9	83.6	85.3	85.5	86.1	87.0	87.5	89.8	89.9	90.0	90.3	90.3	90.3	90.3
	80.2	80.2	83.0	84.9	86.8	87.1	87.6	88.7	89.3	91.6	92.2	92.3	92.7	92.7	92.7	92.7
	80.2	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
	80.8	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
	80.9	80.9	83.9	85.9	88.1	88.3	89.0	90.3	91.1	93.6	94.2	94.3	94.7	94.7	94.7	94.7
	80.9	80.9	83.9	86.0	88.3	88.5	89.2	90.5	91.3	93.8	94.4	94.5	94.9	94.9	94.9	94.9
	81.0	81.0	84.0	86.2	88.7	89.0	89.7	91.0	91.8	94.3	94.9	95.0	95.4	95.4	95.4	95.4
	81.0	81.0	84.0	86.2	88.7	89.3	90.0	91.3	92.1	94.6	95.2	95.3	95.7	95.7	95.7	95.7
	81.0	81.0	84.0	86.3	88.8	89.4	90.1	91.4	92.2	94.7	95.3	95.4	95.8	95.8	95.8	95.8
	81.0	81.0	84.0	86.3	88.8	89.4	90.1	91.4	92.2	94.7	95.3	95.4	95.8	95.8	95.8	95.8
	81.0	81.0	84.0	86.3	88.8	89.4	90.1	91.4	92.2	94.7	95.3	95.4	95.8	95.8	95.8	95.8
	81.0	81.0	84.0	86.3	88.8	89.4	90.1	91.4	92.2	94.7	95.3	95.4	95.8	95.8	95.8	95.8
	81.0	81.0	84.0	86.3	88.8	89.4	90.1	91.4	92.2	94.7	95.3	95.4	95.8	95.8	95.8	95.8

TOTAL NUMBER OF OBSERVATIONS 849

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

2

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

CEILING VERSUS VISIBILITY

...65 MILL AFB, VT (STATION NAME) 75-84 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES: 10	9	8	7	6	5	4	3	2½	2	1½	1¼	1	½	0
≥ 12000	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
10000	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
≥ 9000	42.9	46.4	48.5	49.-	49.7	50.1	50.9	52.3	52.3	53.7	53.8	53.8	53.8	53.8	53.8
8000	43.3	47.-	49.1	49.6	5-.3	50.6	51.5	52.9	52.9	54.3	54.4	54.4	54.4	54.4	54.4
≥ 7000	45.5	49.1	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
6000	47.-	50.8	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
≥ 5000	49.1	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
4500	50.1	53.-	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
≥ 4000	53.2	57.1	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
3500	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
≥ 3000	59.-	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
2500	64.5	68.3	72.9	73.6	74.1	75.6	76.4	78.9	79.0	80.4	80.6	80.7	80.7	80.7	80.7
≥ 2000	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
1800	70.7	76.2	80.0	80.7	82.4	83.-	83.9	86.3	86.4	88.0	88.2	88.3	88.3	88.3	88.3
≥ 1500	71.3	76.9	80.7	81.4	83.2	83.9	84.7	87.2	87.4	88.8	89.0	89.2	89.2	89.2	89.2
1200	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
≥ 1000	73.7	79.0	83.-	83.2	87.4	88.1	89.1	91.5	91.9	93.4	93.6	93.8	93.8	93.8	93.8
900	73.9	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
≥ 800	74.1	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
700	74.1	79.9	84.9	86.8	89.2	89.9	90.8	93.5	94.0	95.6	95.9	96.-	96.0	96.0	96.0
≥ 600	74.1	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
500	74.1	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
≥ 400	74.1	80.0	85.0	86.9	89.3	90.-	91.0	94.0	94.6	96.6	97.1	97.3	97.4	97.4	97.4
300	74.1	80.0	85.0	86.9	89.3	90.1	91.2	94.1	94.7	96.7	97.3	97.5	97.8	97.8	97.8
≥ 200	74.1	80.0	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
100	74.1	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
≥ 0	74.1	80.0	85.0	86.9	89.4	90.1	91.3	94.3	94.9	97.1	97.8	98.-	98.4	98.5	98.7
	74.1	80.0	85.0	86.9	89.4	90.1	91.3	94.3	94.9	97.1	97.8	98.1	98.6	99.2	99.5
	74.1	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
	74.1	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

2

...RAL CLIMATOLOGY BRANCH
...ETAC
...SERVICE/MAC

CEILING VERSUS VISIBILITY

...S HILL AFB, UT (STATION NAME) 75-84 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0500-2100 (HOURS LST)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	<6	<5	<4	<3	≥2	≥2½	≥3	≥4	≥5	≥6	≥7	≥8	≥9 5/16	≥9	≥10
12000	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	49.4
10000	47.2	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	54.1
9000	48.3	49.8	50.6	51.7	51.8	52.4	53.7	53.8	55.1	55.2	55.2	55.2	55.2	55.2	55.2
8000	48.5	50.2	51.1	52.2	52.3	52.9	54.2	54.3	55.6	55.7	55.7	55.7	55.7	55.7	55.7
7000	49.1	51.0	52.0	53.0	53.0	53.6	54.5	54.8	55.9	57.2	57.4	57.4	57.4	57.4	57.4
6000	51.2	53.2	54.1	55.2	55.2	55.8	56.7	57.0	58.2	59.5	59.7	59.8	59.8	59.8	59.8
5000	52.0	54.4	55.3	56.4	56.4	57.0	57.9	58.2	59.4	60.7	60.9	61.0	61.0	61.0	61.0
4500	52.5	54.9	55.8	56.9	56.9	57.5	58.4	58.7	59.9	61.2	61.4	61.5	61.5	61.5	61.5
4000	53.0	55.4	56.3	57.4	57.4	58.0	58.9	59.2	60.4	61.7	61.9	62.0	62.0	62.0	62.0
3500	53.5	55.9	56.8	57.9	57.9	58.5	59.4	59.7	60.9	62.2	62.4	62.5	62.5	62.5	62.5
3000	54.2	56.6	57.5	58.6	58.6	59.2	60.1	60.4	61.6	62.9	63.1	63.2	63.2	63.2	63.2
2500	55.2	57.7	58.6	59.7	59.7	60.3	61.2	61.5	62.7	64.0	64.2	64.3	64.3	64.3	64.3
2000	56.4	58.9	59.8	60.9	60.9	61.5	62.4	62.7	63.9	65.2	65.4	65.5	65.5	65.5	65.5
1800	57.0	59.5	60.4	61.5	61.5	62.1	63.0	63.3	64.5	65.8	66.0	66.1	66.1	66.1	66.1
1500	58.2	60.7	61.6	62.7	62.7	63.3	64.2	64.5	65.7	67.0	67.2	67.3	67.3	67.3	67.3
1200	59.2	61.7	62.6	63.7	63.7	64.3	65.2	65.5	66.7	68.0	68.2	68.3	68.3	68.3	68.3
1000	60.2	62.7	63.6	64.7	64.7	65.3	66.2	66.5	67.7	69.0	69.2	69.3	69.3	69.3	69.3
900	60.7	63.2	64.1	65.2	65.2	65.8	66.7	67.0	68.2	69.5	69.7	69.8	69.8	69.8	69.8
800	61.2	63.7	64.6	65.7	65.7	66.3	67.2	67.5	68.7	70.0	70.2	70.3	70.3	70.3	70.3
700	61.7	64.2	65.1	66.2	66.2	66.8	67.7	68.0	69.2	70.5	70.7	70.8	70.8	70.8	70.8
600	62.2	64.7	65.6	66.7	66.7	67.3	68.2	68.5	69.7	71.0	71.2	71.3	71.3	71.3	71.3
500	62.7	65.2	66.1	67.2	67.2	67.8	68.7	69.0	70.2	71.5	71.7	71.8	71.8	71.8	71.8
400	63.2	65.7	66.6	67.7	67.7	68.3	69.2	69.5	70.7	72.0	72.2	72.3	72.3	72.3	72.3
300	63.7	66.2	67.1	68.2	68.2	68.8	69.7	70.0	71.2	72.5	72.7	72.8	72.8	72.8	72.8
200	64.2	66.7	67.6	68.7	68.7	69.3	70.2	70.5	71.7	73.0	73.2	73.3	73.3	73.3	73.3
100	64.7	67.2	68.1	69.2	69.2	69.8	70.7	71.0	72.2	73.5	73.7	73.8	73.8	73.8	73.8
0	64.7	67.2	68.1	69.2	69.2	69.8	70.7	71.0	72.2	73.5	73.7	73.8	73.8	73.8	73.8

TOTAL NUMBER OF OBSERVATIONS 849

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

2

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

CEILING VERSUS VISIBILITY

...S AFB ... (STATION NAME) 15-64 (YEARS) FEB (MONTHS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	0	1/16	1/8	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2	≥3 1/16	3	10
22000	...7.2	47.2	49.9	49.4	49.8	49.8	50.2	50.8	51.1	51.6	51.7	51.7	51.7	51.7	51.7	51.8
22000	47.5	50.5	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
18000	47.5	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
17000	47.5	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
16000	47.6	53.1	54.9	55.2	55.7	55.8	56.3	57.1	57.4	57.8	58.0	58.0	58.0	58.0	58.0	58.1
15000	56.4	58.7	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
14000	57.1	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
13000	57.6	59.6	61.7	62.3	63.0	63.1	63.8	64.7	65.0	65.5	65.6	65.6	65.6	65.6	65.6	65.7
12000	57.4	62.4	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
11000	62.2	63.7	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
10000	65.7	65.7	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
9000	71.1	71.2	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
8000	74.2	74.2	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
7000	76.2	76.7	77.4	78.2	79.0	79.2	80.3	81.6	82.3	82.9	83.0	83.0	83.0	83.0	83.0	83.2
6000	82.5	78.7	78.6	79.4	80.2	80.3	91.5	82.8	83.5	84.1	84.2	84.2	84.2	84.2	84.2	84.3
5000	82.6	78.7	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
4500	82.7	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
4000	82.8	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
3500	82.8	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
3000	82.8	80.0	84.9	85.8	86.9	87.0	88.9	90.5	91.2	92.2	92.6	92.6	92.8	92.8	92.8	92.9
2500	82.8	80.0	84.6	85.6	86.9	87....	88.9	90.5	91.2	92.2	92.6	92.6	92.9	92.9	92.9	93.1
2000	82.8	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
1800	82.8	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
1600	82.8	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
1400	82.8	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
1200	82.8	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
1000	82.8	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
900	82.8	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
800	82.8	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
700	82.8	80.3	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
600	82.8	80.3	85.2	86.3	88.0	88.2	90.3	92.0	92.8	94.2	94.9	94.9	95.8	95.8	95.8	95.9
500	82.8	80.4	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
400	82.8	80.4	85.3	86.5	88.2	88.5	90.6	92.3	93.3	95.2	96.1	96.1	96.7	96.7	96.8	97.1
300	82.8	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
200	82.8	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
100	82.8	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
0	82.8	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 848

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

2

...TAL CLIMATOLOGY BRANCH
...ETAC
...EAT-EP SERVICE/MAC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
	...0	43.5	44.7	45.1	4...5	45.5	45.9	46.4	46.5	47.3	47.5	47.6	47.7	47.7	47.7	47.9
	...4	...1	49.2	49.6	5...0	50.1	50.5	51....	51.1	51.9	52.2	52.2	52.3	52.3	52.3	52.6
	44.5	43.7	49.9	50.4	5...8	50.9	51.3	51.8	51.9	52.7	53.0	53.0	53.1	53.1	53.1	53.3
	45....	...0	...0.2	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
	49....	...0.1	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
	52.4	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
	55.2	55.6	57....	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
	56.3	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
	59.1	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
	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
	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
	64....	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
	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
	67.1	73.6	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
	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
	70.5	76.5	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
	71.5	79.5	82.9	84....	85.4	85.6	86.4	87.6	87.9	89.0	89.5	89.5	89.7	89.7	89.7	90.0
	71.8	8...2	84....	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
	71.9	8...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
	72.0	80.4	84.4	85.8	87.8	87.7	88.8	90.2	90.6	92.0	92.6	92.7	92.8	92.8	92.9	93.1
	77.0	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
	72.0	80.7	85.0	86.4	88.1	88.5	89.5	91.2	91.5	93.1	93.9	94....	94.4	94.4	94.4	94.7
	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
	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
	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
	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
	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
	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
	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
	72.0	80.8	85.2	86.7	88.6	89.0	90.3	92.2	92.7	94.8	96.5	96.9	97.7	98.0	98.5	99.0
	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	99.7
	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 ...64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

CEILING VERSUS VISIBILITY

...2...5 HILL AFB UT (STATION NAME) 75-84 (YEARS) ~~MAR~~

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1000-2200~~ (HOUR LST)

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥7/8	≥5/8	≥1/2	≥1/4	0
	48.7	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	51.9	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
≥ 15000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	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
≥ 4500	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
≥ 4000	71.9	73.2	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
≥ 3500	75.5	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
≥ 3000	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
≥ 2500	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
≥ 2000	83.4	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
≥ 1800	87.3	87.1	87.7	88.1	88.6	88.7	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.7
≥ 1500	87.5	87.6	89.1	89.5	9 .1	90.2	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.2
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 400	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
≥ 300	88.1	89.5	91.7	92.3	93.2	93.3	94.4	94.8	94.9	95.4	95.6	95.6	95.9	96.0	96.1	96.2
≥ 200	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
≥ 100	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
≥ 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	99.1	99.6
	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
	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

...BAL CLIMATOLOGY BRANCH
...ETAC
...AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...S HILL AFB UT (STATION NAME) 75-84 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

(HOUR) 1700-0500

CEILING (FEET)	VISIBILITY STATUTE MILES															
	<1/16	≥1/16	≥1/8	≥1/4	≥1/2	≥1	≥2	≥3	≥4	≥5	≥6	≥7	≥8	≥9 5/16	≥10	≥20
...[illegible]	47.6	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]	50.1	50.6	50.8	51.0	51.0	51.0	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.6	51.6	51.6
...[illegible]	50.4	51.0	51.1	51.3	51.3	51.3	51.6	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	51.9
...[illegible]	51.0	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	52.6	52.2	52.3	52.5	52.5	52.5	52.8	53.1	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1
3500	53.2	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
3000	57.8	58.6	58.7	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
2900	58.5	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
2800	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
2700	68.5	68.9	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
2600	71.4	72.7	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
2500	77.5	78.1	78.2	78.8	78.8	78.8	80.1	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5
2400	77.7	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
2300	82.4	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
2200	83.8	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
2100	82.8	85.3	86.5	87.1	87.1	87.1	87.4	87.8	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0
2000	87.5	88.6	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
1900	89.1	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	84.1	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
1700	84.3	88.7	90.9	91.6	92.0	92.3	93.0	93.4	93.4	93.4	93.4	93.4	93.5	93.7	93.8	93.8
1600	84.3	88.9	91.2	91.9	92.5	92.7	93.4	93.9	93.9	93.9	93.9	93.9	94.0	94.1	94.2	94.2
1500	84.4	89.2	91.5	92.3	92.8	93.1	93.8	94.2	94.9	94.9	94.9	94.9	95.1	95.2	95.3	95.3
1400	84.4	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
1300	84.4	89.6	92.2	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
1200	84.4	89.6	92.2	92.9	93.4	94.0	95.2	95.9	95.9	96.0	96.1	96.3	96.6	96.7	96.7	96.7
1100	84.4	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
1000	84.4	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
900	84.4	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
800	84.4	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
700	84.4	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	99.7
600	84.4	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
500	84.4	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	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

2

AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted]-[redacted] — HOUR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥⅝	≥½	≥¼	0
No Ceiling	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	46.6	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	62.8	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	69.9	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	79.0	79.4	79.8	79.9	80.2	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.9
≥ 4000	82.4	82.6	82.7	83.0	83.3	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.8	83.8	83.8	84.0
≥ 3500	81.6	83.2	84.0	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	86.0	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	86.0	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	86.1	86.9	88.4	88.9	89.7	90.1	90.8	90.9	91.0	91.2	91.3	91.3	91.4	91.4	91.4	91.6
≥ 1800	86.2	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	86.5	87.7	89.2	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	86.5	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	86.5	87.7	89.8	90.3	91.1	91.5	92.6	93.2	93.4	93.0	93.3	93.5	93.6	93.6	93.6	93.8
≥ 900	86.5	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	86.5	87.7	89.9	90.5	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	86.5	87.7	89.9	90.5	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	86.5	87.7	90.0	90.6	91.6	92.0	93.2	94.0	94.3	95.3	96.0	96.3	96.8	96.9	97.0	97.2
≥ 500	86.5	87.7	90.0	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	86.5	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	86.5	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	86.5	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	99.2	99.8
≥ 100	86.5	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	86.5	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 NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

CEILING VERSUS VISIBILITY

...C HILL AFB UT (STATION NAME) 75-84 (YEARS) MAR (MONTH)

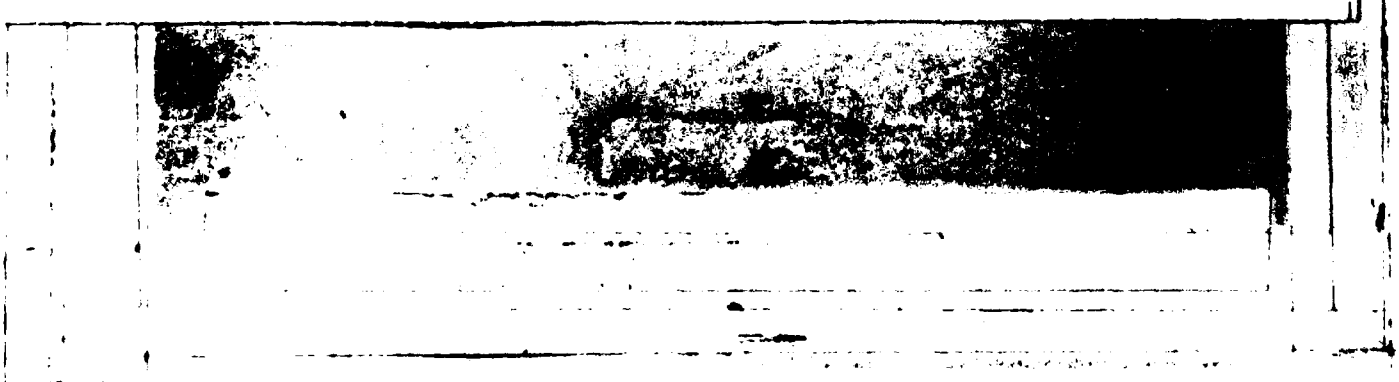
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅛	≥5/16	≥¼	≥0
...20000	41.5	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
...15000	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
10000	49.0	49.7	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
9000	49.4	50.1	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
8000	50.2	51.0	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
7000	53.2	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
6000	56.3	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
5000	57.2	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
4500	62.4	63.3	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
4000	64.5	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
3500	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
3000	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
2500	77.2	78.5	78.9	78.9	79.0	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
2000	80.4	82.4	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
1800	81.4	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
1600	83.1	85.1	86.1	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
1400	87.4	89.9	87.1	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
1200	83.5	86.6	88.2	88.5	89.0	89.0	89.4	89.7	89.7	89.8	89.9	90.0	90.1	90.1	90.1	90.1
1000	83.7	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
900	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
800	84.2	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
700	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
600	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
500	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
400	84.2	87.4	89.4	91.2	91.7	91.8	92.7	94.0	94.3	95.1	95.6	96.0	96.7	96.7	96.7	96.7
300	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
200	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
100	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
0	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
	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
	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

TOTAL NUMBER OF OBSERVATIONS 936

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



2

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

CEILING VERSUS VISIBILITY

[illegible] FULL AFB, [illegible] 75-84 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

VISIBILITY, STATUTE MILES

CEILING, FEET	10	7	5	4	3	2½	2	1½	1¼	1	¾	½	¼	0
[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
[illegible]	46.7	46.5	46.5	46.5	46.5	46.5	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
[illegible]	46.6	46.6	46.9	46.9	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
[illegible]	47.2	47.2	47.3	47.3	47.3	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	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
[illegible]	51.2	51.2	51.2	51.2	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
[illegible]	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]	55.1	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]	59.7	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]	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
[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
[illegible]	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
[illegible]	75.9	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
[illegible]	[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
[illegible]	81.3	81.7	82.0	82.0	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
[illegible]	84.5	84.8	85.0	85.0	85.8	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
[illegible]	86.6	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]	87.2	88.1	88.6	89.0	90.1	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6
[illegible]	87.3	88.8	89.7	89.9	91.2	90.5	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8
[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
[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
[illegible]	88.2	91.8	92.3	92.8	93.3	93.7	94.0	94.3	94.5	94.8	94.8	94.8	94.8	94.8
[illegible]	88.7	91.8	92.3	92.8	93.4	93.8	94.1	94.4	94.6	94.9	94.9	94.9	94.9	94.9
[illegible]	88.7	91.8	92.3	92.8	93.4	93.8	94.1	94.4	94.9	95.3	95.7	95.7	95.7	95.7
[illegible]	88.7	91.8	92.3	92.9	94.	94.3	95.1	95.5	95.9	96.5	96.5	96.5	96.5	96.5
[illegible]	88.7	91.8	92.3	92.9	94.	94.3	95.5	96.1	96.6	97.2	97.3	97.3	97.3	97.3
[illegible]	88.7	91.8	92.3	92.9	94.	94.3	95.5	96.6	97.	97.8	98.0	98.0	98.0	98.0
[illegible]	88.7	91.8	92.3	92.9	94.	94.3	95.5	96.8	97.3	98.3	98.5	98.5	98.5	98.6
[illegible]	88.7	91.8	92.3	92.9	94.	94.3	95.5	97.1	97.6	98.8	99.1	99.2	99.4	99.4
[illegible]	88.7	91.8	92.3	92.9	94.0	94.3	95.5	97.	98.1	99.1	99.6	99.9	100.0	100.0
[illegible]	88.7	91.8	92.3	92.9	94.0	94.3	95.5	97.0	98.	99.1	99.6	99.9	100.0	100.0
[illegible]	88.7	91.8	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

AL CLIMATOLOGY BRANCH
TAC
AIR F. SERVICE/MAC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-1700

VISIBILITY, STATUTE MILES

	10	7	5	4	3	2½	2	1½	1¼	1	¾	½	¼	0
	37.1	37.7	37.8	37.8	37.8	38.0	38.1	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
	44.4	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	45.9
	46.6	46.7	46.8	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	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	47.5
	47.6	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	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	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	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	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	61.5
	62.7	63.4	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	64.8
	65.1	66.0	66.2	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	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	77.2
	79.0	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	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	87.3
	85.3	86.5	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	88.4
	83.9	87.2	88.3	88.7	89.2	89.7	90.1	90.4	90.4	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9
	84.4	88.0	89.0	89.6	90.8	91.1	91.4	91.5	91.6	91.9	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	94.2
	84.7	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	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	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	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	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	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	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	97.7
	84.7	88.8	90.4	91.5	93.1	93.7	95.5	96.1	96.2	96.7	97.5	97.6	97.7	97.8	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	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	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	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	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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

2

...AL CLIMATOLOGY BRANCH
...STAT
...EAT... SERVICE/MAC

CEILING VERSUS VISIBILITY

...5 ...ILL AFB, KS ... 75-84 ... MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...-2400

CEILING (HUNDREDS OF FEET)	VISIBILITY: STATUTE MILES ≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥0
...K	44.9	45.5	45.8	45.8	45.9	46.1	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2
...K	51.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
10,000	51.7	51.8	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
9,000	52.4	52.7	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
8,000	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
7,000	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
6,000	60.7	61.1	61.5	61.5	62.0	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7
5,000	62.9	63.8	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
4,500	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
4,000	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
3,500	71.4	72.6	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
3,000	79.7	81.2	81.1	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
2,500	83.9	84.2	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
2,000	87.5	87.2	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
1,500	87.4	88.9	88.1	88.2	88.5	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
1,000	84.7	86.5	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
900	84.9	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
800	84.9	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
700	84.9	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
600	84.9	89.9	92.0	92.6	93.4	94.1	94.8	94.9	94.9	95.0	95.2	95.3	95.3	95.3	95.3	95.3
500	84.9	89.9	92.0	92.6	93.4	94.1	94.8	94.9	94.9	95.1	95.3	95.4	95.4	95.4	95.4	95.4
400	85.1	90.2	92.7	93.1	94.2	94.9	95.5	95.8	95.8	96.3	96.6	96.7	96.8	96.8	96.8	96.8
300	85.1	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
200	85.1	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
100	85.1	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
0	85.1	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

CEILING (HUNDREDS OF FEET)	VISIBILITY: STATUTE MILES ≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥0
10,000	85.1	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
9,000	85.1	90.2	92.8	93.9	95.1	95.8	96.6	96.9	96.9	97.6	98.0	98.2	98.4	98.4	98.4	98.4
8,000	85.1	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
7,000	85.1	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
6,000	85.1	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
5,000	85.1	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 93...

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, UT. ... 75-84 ... MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...1600-2300

CEILING (HUNDREDS OF FEET)	VISIBILITY: STATUTE MILES															
	3	2½	2½	2	1¾	1½	1¼	1	¾	½	¼	0	5/16	¼	0
	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
	53.1	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
	54.0	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
	54.6	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
	56.0	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
	58.2	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
	61.8	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
	62.5	62.5	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
	68.2	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
	71.2	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
	73.2	73.2	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
	79.6	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
	81.6	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
	83.7	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
	84.6	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
	87.6	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
	88.1	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
	89.1	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
	89.1	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
	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
	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
	90.2	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
	90.2	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
	90.2	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
	90.4	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
	90.4	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
	90.4	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
	90.8	90.8	92.6	93.3	94.5	94.5	95.9	96.3	96.3	97.3	97.6	97.6	98.1	98.2	98.2	98.2
	90.4	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
	90.8	90.8	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
	90.8	90.8	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
	90.8	90.8	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

...AL CLIMATOLOGY BRANCH
...ETAC
AT ...EAT FG SERVICE/MAC

CEILING VERSUS VISIBILITY

...E HILL AFB UT ... 75-84 ... MAR

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	7/8	3/4	5/8	1/2	7/16	3/8	5/16	1/4	1/8	0
...ETING	43.2	44.0	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	45.2	45.9	46.1	46.2	46.2	46.3	46.5	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6
15000	47.1	49.7	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
10000	48.4	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
8000	49.9	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
7000	53.3	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
6000	57.1	58.0	58.2	58.3	58.4	58.5	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0
5000	58.4	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
4500	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
4000	65.2	66.1	67.2	67.4	67.5	67.6	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1
3500	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
3000	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
2500	78.6	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
2000	82.6	83.0	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
1500	84.6	85.4	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
1000	87.2	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
500	87.5	87.8	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
400	88.2	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
300	88.4	87.9	89.6	91.2	91.2	91.2	91.7	92.1	92.1	92.2	92.2	92.3	92.3	92.4	92.4	92.4
200	89.2	88.4	90.1	91.8	91.9	92.2	92.8	93.2	93.2	93.4	93.5	93.5	93.6	93.6	93.7	93.7
100	89.2	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
0	89.2	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
900	89.2	88.6	90.7	91.6	92.7	93.0	94.0	94.6	94.7	95.1	95.2	95.4	95.5	95.5	95.5	95.6
800	89.2	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
700	89.3	88.7	90.9	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
600	89.3	88.7	91.0	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
500	89.3	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
400	89.3	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
300	89.3	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
200	89.3	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
100	89.3	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
0	89.3	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 7991

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

2

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

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...CCC-CZZC (STATION NUMBER)

CEILING (HUNDREDS OF FEET)	VISIBILITY STATUTE MILES															
	≥7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥7/8	≥½	≥¼	≥0		
...CLR	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
...SCT	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
...BKN	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
...OVC	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
4 ...	63.6	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
...	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
...	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
...	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
...	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
...	79.6	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
...	82.0	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
...	85.4	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
...	86.7	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
...	87.7	89.7	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
...	87.9	89.9	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
...	88.4	91.2	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
...	89.0	92.1	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
...	89.7	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
...	89.7	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
...	89.8	94.1	95.6	96.1	96.7	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
...	89.9	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
...	89.9	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
...	89.9	94.4	96.1	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
...	89.9	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
...	89.9	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
...	89.9	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
...	89.9	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
...	89.9	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
...	89.9	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
...	89.9	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
...	89.9	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
...	89.9	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	CC.C

TOTAL NUMBER OF OBSERVATIONS 9CC

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

2

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

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0000-0500~~ (HOUR (LST))

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥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
≥ 15000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	88.4	89.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.1	91.1	91.1
≥ 1500	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
≥ 1200	92.7	93.2	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.4
≥ 1000	92.6	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
≥ 900	92.6	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
≥ 800	92.6	93.4	94.4	94.4	94.9	94.9	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.3	95.3	95.4
≥ 700	92.6	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
≥ 600	92.6	93.6	94.7	94.7	95.0	95.0	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.4	95.4	95.6
≥ 500	92.6	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
≥ 400	92.6	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
≥ 300	92.6	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
≥ 200	92.6	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
≥ 100	92.6	93.9	95.1	95.1	96.2	96.2	96.8	97.4	97.4	98.0	98.8	98.9	98.9	99.0	99.0	99.1
≥ 0	92.6	93.9	95.1	95.1	96.3	96.3	96.9	97.6	97.6	98.1	98.9	99.1	99.2	99.4	99.4	99.7
	92.6	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
	92.6	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 FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

CEILING VERSUS VISIBILITY

...S HILL AFB, UT — 75-84 YEARS — APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6CC-18CC HOUR (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
...UNLIM	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
...XXX	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
...XXX	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
5000	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
4000	60.4	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
3000	63.2	63.2	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
2500	69.2	69.2	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.7	69.7	69.7	69.7
2000	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
1800	73.3	73.4	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.9	73.9	73.9	73.9
1500	77.0	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.7	77.7	77.7	77.7
1200	80.7	80.8	80.9	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
1000	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
900	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
800	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
700	89.8	90.3	90.4	90.7	90.9	90.9	91.0	91.0	91.1	91.2	91.2	91.2	91.4	91.4	91.4	91.4
600	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
500	90.9	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
400	91.1	92.6	93.2	93.8	94.1	94.1	94.3	94.4	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9
300	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
200	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
100	91.1	92.9	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
0	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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
...XXX	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
900	91.2	93.1	94.3	95.1	95.8	95.8	96.1	96.2	96.4	97.1	97.3	97.4	97.6	97.8	97.8	97.8
800	91.2	93.1	94.3	95.1	95.9	95.9	96.3	96.4	96.7	97.3	97.6	97.7	97.8	98.1	98.1	98.1
700	91.2	93.1	94.3	95.1	95.9	95.9	96.3	96.5	96.9	97.5	97.8	97.9	98.0	98.3	98.3	98.3
600	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	97.0	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 5CC

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

2

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

CEILING VERSUS VISIBILITY

2...5 HILL AFB UT (WBAN/STATION NAME) 75-84 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0500-1100~~ (HOUR LST)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
Unl	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
10000	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
4500	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
3500	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
3000	67.4	67.4	67.6	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
2500	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
2000	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
1800	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.3	76.3	76.3	76.3
1600	78.2	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
1400	81.9	82.2	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
1200	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
1000	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
900	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
800	89.8	90.9	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
700	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
600	90.1	92.1	93.0	93.4	93.8	94.1	94.1	94.2	94.3	94.3	94.4	94.4	94.8	94.8	94.8	94.8
500	90.2	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
400	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
300	90.6	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
200	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
100	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
0	90.6	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
	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
	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
	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
	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
	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
	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
	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
	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 9[illegible]

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



2

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

CEILING VERSUS VISIBILITY

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

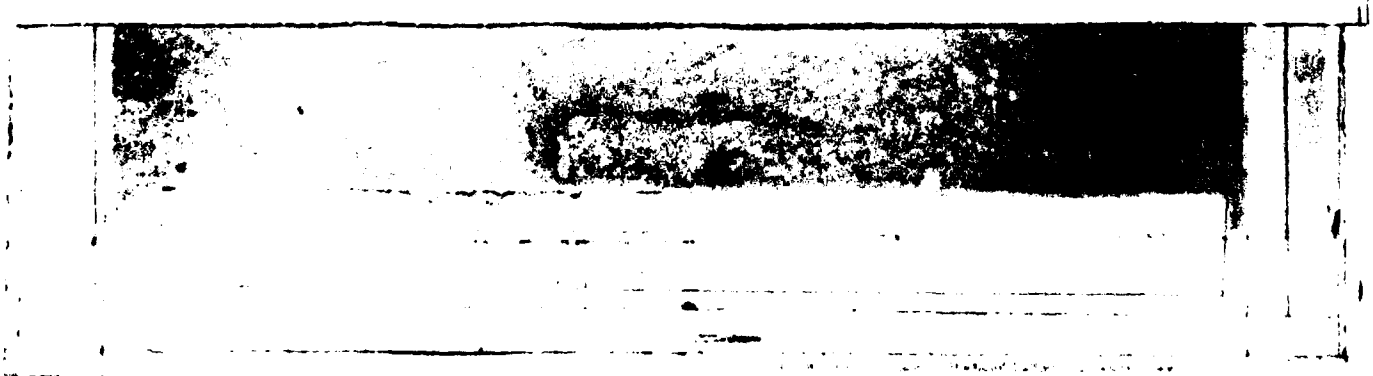
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12 G-14 GG (HOURS)

CEILING (HUNDREDS OF FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
	.2	.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	50.3	50.3
	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
	.2	.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
	.2	.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
	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
	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
	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
	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
	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	82.3
	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	85.6	85.6
	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	89.0
	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
	92.4	92.4	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6
	93.2	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	94.4
	93.6	93.6	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	95.9
	93.8	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	96.0
	94.1	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	96.8
	94.2	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	97.0
	94.4	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	98.3
	94.4	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	98.7
	94.4	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	98.8
	94.4	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	98.9
	94.4	94.4	95.9	96.6	96.9	97.1	97.3	97.6	97.8	98.2	98.8	98.8	98.9	99.0	99.0	99.0
	94.4	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	99.4
	94.4	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	99.7
300	94.4	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	99.8
200	94.4	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	100.0
100	94.4	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	100.0
0	94.4	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	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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



2

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

CEILING VERSUS VISIBILITY

...E HILL AFB, UT (STATION NAME) 75-84 (YEARS) APR

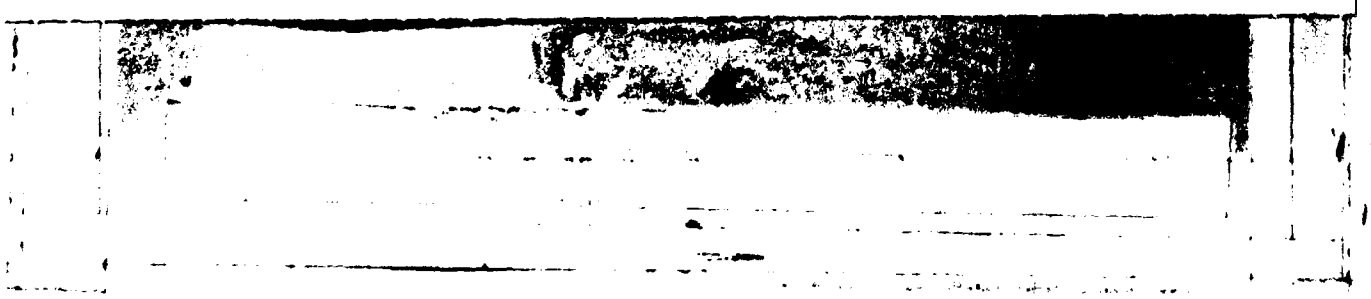
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~15 C-17 CE~~

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
≥ UNLIM	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 20000	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
≥ 10000	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
≥ 8000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 6000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 5000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 4500	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
≥ 4000	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
≥ 3500	72.3	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
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	78.8	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
≥ 1500	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
≥ 1200	88.4	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
≥ 1000	91.4	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 900	92.2	92.4	92.5	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 800	92.5	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
≥ 700	92.4	93.5	94.1	94.3	94.4	94.4	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	92.4	94.0	94.2	94.7	94.8	94.8	94.9	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2
≥ 500	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
≥ 400	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
≥ 300	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
≥ 200	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
≥ 100	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
≥ 0	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
	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
	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
	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	99.4	99.4
	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
	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
	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
	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

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC (NEW 5-66) 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



2

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

...HILL AFB, UT (WBAN) — 75-84 (YEARS) — APR (MONTH)

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...0-2200 (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥7	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
12000+	.3	.3	.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
10000	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
8000	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
7000	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
6000	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
5000	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
4500	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
4000	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
3500	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
3000	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
2500	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
2000	86.2	86.8	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
1500	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
1000	91.2	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
900	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
800	91.2	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
700	91.7	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
600	92.0	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
500	92.0	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
450	92.3	94.3	95.6	95.8	96.4	96.6	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9
400	92.3	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
350	92.3	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
300	92.3	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
250	92.3	94.3	95.7	96.0	96.8	97.0	97.4	97.7	97.7	98.0	98.3	98.3	98.3	98.3	98.3
200	92.3	94.3	95.7	96.0	96.8	97.0	97.4	97.7	97.7	98.0	98.3	98.3	98.3	98.3	98.3
150	92.3	94.3	95.7	96.0	96.8	97.0	97.4	97.7	97.7	98.0	98.4	98.4	98.4	98.6	98.6
100	92.3	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
050	92.3	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
000	92.3	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
000	92.3	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
000	92.3	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
0	92.3	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 ...-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

CEILING VERSUS VISIBILITY

...ESS ...ILL AFB, KT (STATION NAME) 75-84 (YEARS) APR

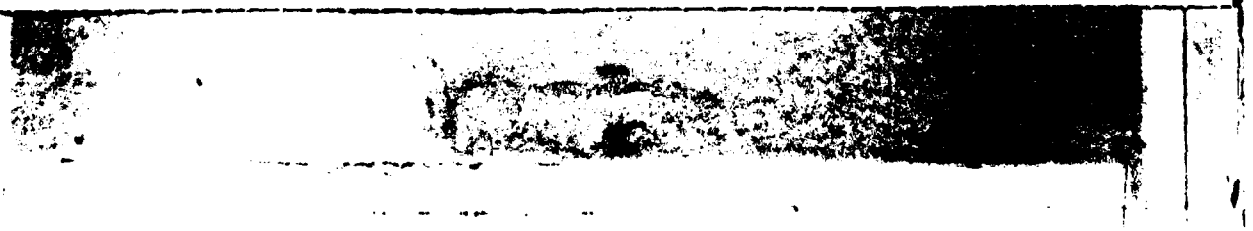
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...-23 CC

CEILING HEIGHT IN HUNDREDS OF FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥2	2 5/16	≥0
N 22000	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
22000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
17000	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
14000	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
12000	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
10000	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
9000	69.9	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
8000	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
7000	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
6000	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
5000	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
4500	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
4000	87.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
3500	85.6	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
3000	90.3	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	91.4	91.4
2500	92.3	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
2000	93.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
1800	94.2	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
1600	94.3	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
1400	94.6	95.6	95.8	96.1	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
1200	94.6	95.6	95.8	96.2	96.3	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
1000	94.7	95.9	96.3	96.8	96.9	97.2	97.3	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
900	94.8	96.	96.4	96.9	97.0	97.3	97.4	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
800	94.8	96.	96.4	97.1	97.2	97.6	97.7	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
700	94.8	96.	96.4	97.1	97.2	97.6	97.7	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
600	94.8	96.	96.4	97.1	97.2	97.6	97.7	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
500	94.8	96.	96.4	97.1	97.3	97.7	97.8	97.8	98.2	98.7	98.7	98.8	98.8	98.8	98.8	98.8
400	94.8	96.0	96.4	97.1	97.3	97.7	97.9	97.9	98.3	98.9	98.9	99.0	99.0	99.0	99.0	99.0
300	94.8	96.0	96.6	97.2	97.4	97.8	98.1	98.1	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7
200	94.8	96.0	96.6	97.2	97.4	97.8	98.1	98.1	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9
100	94.8	96.0	96.6	97.2	97.4	97.8	98.1	98.1	98.9	99.7	99.7	99.9	99.9	99.9	99.9	100.0
0	94.8	96.0	96.6	97.2	97.4	97.8	98.1	98.1	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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



2

L FAL 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)

ALL (HOUR)

CEILING (HUNDREDS OF FEET)	VISIBILITY: STATUTE MILES															
	30	26	24	24	23	22	22	21	21+	21	2+	2+	2	2 5/16	2+	20
[illegible]	.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	53.6	53.6
[illegible]	.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
[illegible]	.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
[illegible]	.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7
[illegible]	.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
[illegible]	.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
[illegible]	.7	69.5	69.6	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]	.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
[illegible]	.2	74.3	74.4	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]	.3	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
[illegible]	.1	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]	.7	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]	.5	87.5	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]	.7	89.6	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1
[illegible]	.4	91.5	91.8	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2
[illegible]	.4	92.4	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]	.5	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]	.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]	.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]	.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]	.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]	.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]	.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]	.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]	.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	9..4	98.4	98.4
[illegible]	.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]	.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]	.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]	.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]	.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]	.4	94.1	95.3	95.9	96.6	96.8	97.2	97.6	97.8	98.4	99.1	99.1	99.5	99.7	99.9	100.0
[illegible]	.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

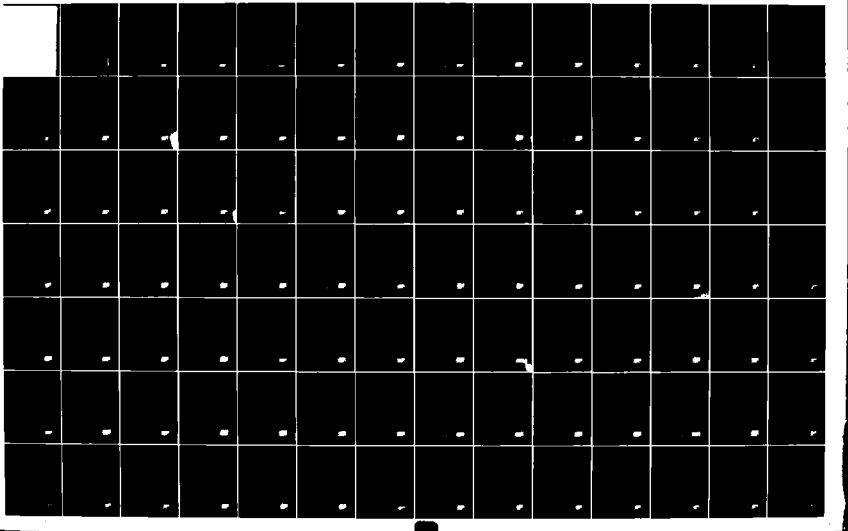
TOTAL NUMBER OF OBSERVATIONS 720

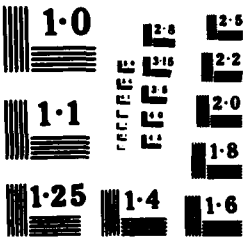
USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

2

CLIMATOLOGY BRANCH

SERVICE/MAC

CEILING VERSUS VISIBILITY

5 HILL AFB UT 75-84 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2200

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	89.1	90.3	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	90.6
	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
	92.7	94.2	94.4	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8
	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
	94.1	96.6	97.1	97.1	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6
	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
	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
≥ 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
≥ 1700	94.2	97.4	98.3	98.3	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 1600	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
≥ 1500	94.2	97.7	98.6	98.7	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 1400	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
≥ 1300	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
≥ 1200	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
≥ 1100	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
≥ 1000	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
≥ 900	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
≥ 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	99.4	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 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0700-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥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	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 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	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 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	90.0	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
≥ 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	96.0	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	99.8	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	99.8	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	99.8	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	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

2

...TAL CLIMATOLOGY BRANCH
...ETAC
AF ...EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...ROSS (STATION) BILL AFB, UT (STATION NAME) 75-84 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0000-2300~~ (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	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
≥ 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	85.4	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	92.1	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	92.0	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	99.2	99.2
≥ 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 930

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

...RAL CLIMATOLOGY BRANCH
...ETAC
...FAT FR SERVICE/MAC

CEILING VERSUS VISIBILITY

...S HILL AFB ...T — ...5-84 — MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
≥ 20000	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	54.2
≥ 15000	59.2	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
≥ 10000	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 9000	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 8000	61.2	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
≥ 7000	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 6000	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 5000	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
≥ 4500	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 4000	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3500	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3000	85.3	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500	88.0	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
≥ 2000	90.2	90.5	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	91.2
≥ 1500	90.9	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	92.8
≥ 1000	91.6	91.1	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	94.7
≥ 900	92.0	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	95.7
≥ 800	92.2	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	96.6
≥ 700	92.3	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	96.7
≥ 600	92.4	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	97.1
≥ 500	92.7	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	97.8
≥ 400	92.7	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	98.6
≥ 300	92.7	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	98.7
≥ 200	92.7	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	98.8
≥ 100	92.7	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	98.8
≥ 0	92.7	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	99.0
	92.7	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	99.0
	92.7	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	99.1	99.1
	92.7	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	99.4
	92.7	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	100.0
	92.7	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	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

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12:00-14:00 (HOUR LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥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	89.8	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	95.2	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	96.1	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	97.7	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 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L CLIMATOLOGY BRANCH
...TAC
...AF SERVICE/MAC

CEILING VERSUS VISIBILITY

...S HILL AFB, UT — STATION NAME — 75-84 — YEARS — MAY — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1700 — HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
≥ 20000	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
≥ 15000	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
≥ 10000	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	85.1	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
≥ 3000	91.0	91.1	91.1	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2500	92.4	92.6	92.7	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	94.2	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
≥ 1800	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
≥ 1500	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
≥ 1200	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
≥ 1000	95.6	96.5	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
≥ 900	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
≥ 800	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
≥ 700	95.9	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
≥ 600	95.9	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
≥ 500	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
≥ 400	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
≥ 300	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
≥ 200	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
≥ 100	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
≥ 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	99.9	99.9
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
≥ 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 NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] AFB, [illegible] STATION NAME | 75-84 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~18 C-24 C~~ HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
≥ 20000	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
	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	91.5	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	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 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 921

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

2

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

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...-0300 (HOUR (LST))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	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
≥ 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	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 16000	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 14000	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
≥ 12000	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	68.0
≥ 10000	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 9000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 8000	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
≥ 7000	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
≥ 6000	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 5000	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4500	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 4000	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	95.6	95.6
≥ 3500	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	96.5	96.5
≥ 3000	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	97.3	97.3
≥ 2500	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	98.0	98.0
≥ 2000	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	98.5	98.5	98.5
≥ 1800	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	98.5	98.5	98.5
≥ 1500	98.1	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	98.5	98.5
≥ 1200	98.2	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	98.2	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	98.2	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	98.2	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	98.2	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	98.2	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	98.3	98.3	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	98.3	98.3	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	98.4	98.4	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	98.4	98.4	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100	98.4	98.4	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0	98.4	98.4	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 927

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

2

...TAL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...-1-5 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	≥¼	≥5/16	≥0	≥0
≥ 22000	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
≥ 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
≥ 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
≥ 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	88.6	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	91.0	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	95.6	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	98.4	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 7833

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

2

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

CEILING VERSUS VISIBILITY

...5 HILL AFB ...I — 74-82 YEARS — JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CCC-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
NO CEILING	79.	79.	79.	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.	79.0	79.0	79.	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
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	99.	99.	99.	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	100.0	100.0	100.0	100.0	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	100.0	100.0	100.0	100.0	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	100.0	100.0	100.0	100.0	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	100.0	100.0	100.0	100.0	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	100.0	100.0	100.0	100.0	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	100.0	100.0	100.0	100.0	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



1
2

LOCAL CLIMATOLOGY BRANCH
USETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
UNLIMITED	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	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	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
≥ 14000	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
≥ 12000	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
≥ 10000	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 9000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 8000	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
≥ 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	95.8	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
≥ 5000	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
≥ 4500	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	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
≥ 3500	99.2	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	99.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	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

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

CEILING VERSUS VISIBILITY

...S HILL AFB, UT (STATION NAME) 74-87 (YEARS) ANNUAL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING-FEET

VISIBILITY STATUTE MILES

CEILING	10	7	5	4	3	2	1 1/2	1	7/8	3/4	5/8	1/2	3/8	1/4	1/8	0
12000 & OVER	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
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
8000	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
7000	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
6000	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
5000	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
4500	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
4000	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
3500	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
3000	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
2500	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
2000	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
1800	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
1500	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
1200	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
1000	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
900	99.5	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
800	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
700	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
600	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
500	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
400	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
300	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
200	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
100	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
0	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 5CC

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

1
2

...AL CLIMATOLOGY BRANCH
...ETAC
A... ...EAT FR SERVICE/MAC

CEILING VERSUS VISIBILITY

...5 HILL AFB, UT (STATION NAME) 74-84 (YEAR) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2100 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥0
≥ UNLIM	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
≥ 25000	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
≥ 12000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	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
≥ 1500	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
≥ 1200	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
≥ 1000	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
≥ 900	98.7	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	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
≥ 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

TOTAL NUMBER OF OBSERVATIONS 900

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

2

...AL CLIMATOLOGY BRANCH
...ETAC
AF ...EAT-ER SERVICE/MAC

CEILING VERSUS VISIBILITY

...ES HILL AFB ...T. (STATION NAME) 74-82 (YEARS) JUN (MONTH)

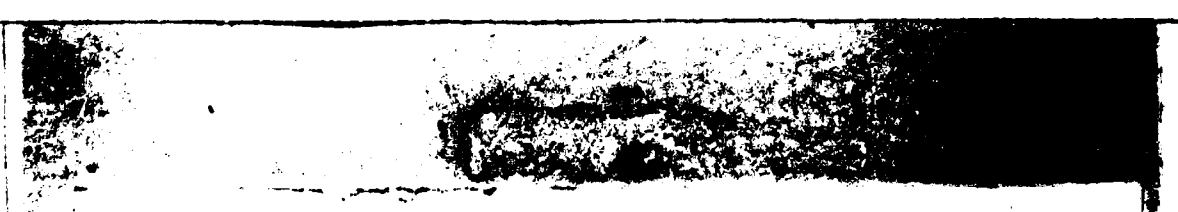
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1...5-1400 (HOUR LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
...[illegible]	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
...[illegible]	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
...[illegible]	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
...[illegible]	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
4XX	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
3XX	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
2XX	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
1XX	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
1000	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
900	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
800	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
700	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
600	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
250	99.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
200	99.9	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
150	99.9	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	99.9	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
70	99.9	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	99.9	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
M	99.9	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
0	99.9	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
0	99.9	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
0	99.9	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
0	99.9	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	99.9	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	99.9	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	99.9	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	99.9	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 ...0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



12

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT [illegible] 74-82 YEARS [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15 C-17 CC 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]	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
[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	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
≥ 1600	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
≥ 1400	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

HILL AFB, UT — 74-81 — ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL — 00-23 HOUR (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
UNLIM	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
25000	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
20000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
18000	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
17000	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
16000	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
15000	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
14000	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
13000	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
12000	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
11000	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
10000	98.4	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
9000	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
8000	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
7000	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
6000	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
5000	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
4500	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
4000	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
3500	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
3000	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
2500	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
2000	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
1800	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
1500	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
1200	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
1000	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
900	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
800	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
700	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
600	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
500	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
400	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
300	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
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	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
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

TOTAL NUMBER OF OBSERVATIONS 900

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

2

...PAL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2...5 ...ALL AFB, ... (STATION NAME) 74-82 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0600-2300~~ (HOUR (LST))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	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
≥ 8000	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 6000	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
≥ 4000	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
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	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	93.7
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 400	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
≥ 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 9CC

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

...RAL CLIMATOLOGY BRANCH
...ETAC
...SEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...HILL AFB, UT ... 74-81 ... YEARS ... NHA

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

... ALL

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥5/16	≥0
≥ 20000	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
	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	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3500	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	98.8	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	98.9	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	99.0	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	99.0	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	99.0	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	99.0	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	99.0	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	99.0	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	99.0	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	99.0	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	99.0	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
≥ 500	99.0	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
≥ 400	99.0	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
≥ 300	99.0	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
≥ 200	99.0	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
≥ 100	99.0	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
≥ 0	99.0	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

TOTAL NUMBER OF OBSERVATIONS 72CC

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

L RAL CLIMATOLOGY BRANCH
ETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2,755 WALL AFB, NJ 74-83 ALL

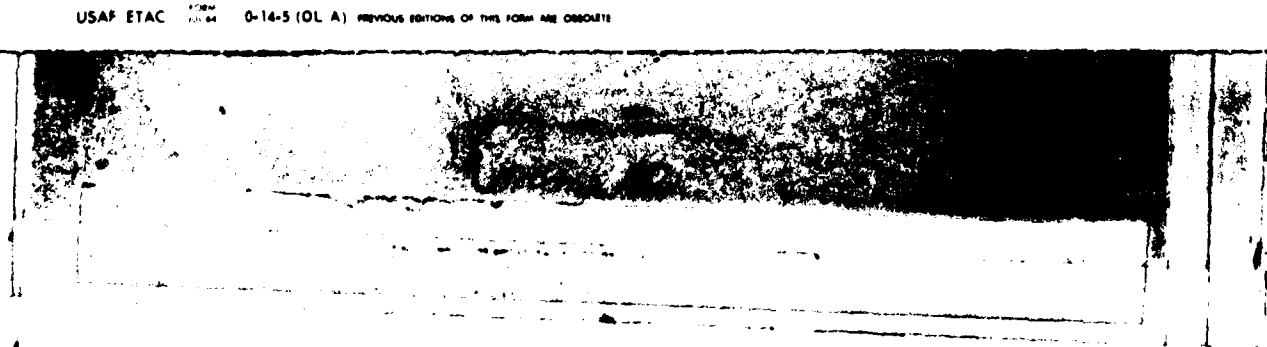
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

LST-0000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥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	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 5000	99.5	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
≥ 4500	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 4000	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1600	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1400	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



2

...BAL CLIMATOLOGY BRANCH
...ETAC
... 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)

700-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
≥ 22000	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	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	79.1	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
≥ 17000	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
≥ 16000	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
≥ 15000	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 14000	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 13000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 12000	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
≥ 11000	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
≥ 10000	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	98.6
≥ 9000	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 8000	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 7000	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
≥ 6000	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
≥ 5000	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
≥ 4500	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
≥ 4000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1600	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
≥ 1400	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 931

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

2

...BAL CLIMATOLOGY BRANCH
...ETAC
...AFAT-SR SERVICE/MAC

CEILING VERSUS VISIBILITY

2...5 HILL AFB ...T (STATION NAME) 74-81 (YEAR) (MONTH)

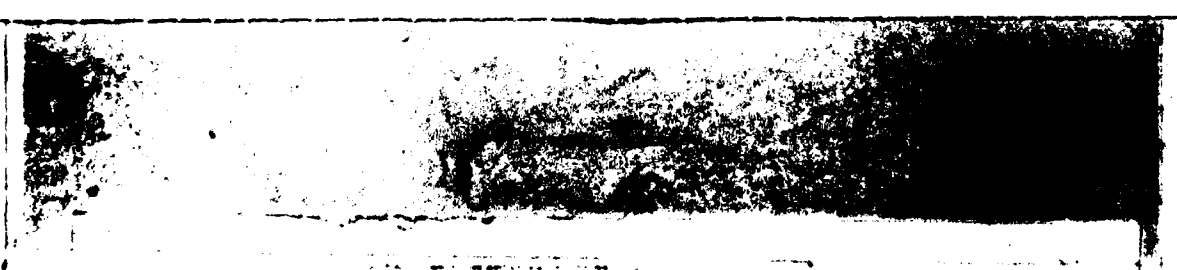
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

(HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥	≥	≥	≥5 16	≥	≥0
[illegible]	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
[illegible]	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
8000	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
6000	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
4000	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
2000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
1000	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
900	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
800	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
700	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
600	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	98.6
500	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
450	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	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
350	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
300	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
250	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
200	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
150	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	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
0	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

TOTAL NUMBER OF OBSERVATIONS 931

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



2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥ 10	7	5	4	3	2½	2	1½	1¼	1	¾	½	¼	0
UNLIM	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
20000	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
15000	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
10000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
9000	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
8000	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
7000	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
6000	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
5000	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
4500	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
4000	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	99.8	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	99.8	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
2500	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
2000	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
1800	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
1600	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
1400	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
1200	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
1000	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
900	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
800	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
700	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
600	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
500	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
400	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
300	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
200	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	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
0	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

TOTAL NUMBER OF OBSERVATIONS 931

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

1
2

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

CEILING VERSUS VISIBILITY

...,...5 HILL AFB UT — 74-82 — YEARS — ANNUAL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY: STATUTE MILES														
	≥10	10	9	8	7	6	5	4	3½	3	2½	2	1½	1¼	1	≤ ⅞
≥ 12000	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 10000	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
≥ 8000	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
≥ 6000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2500	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
≥ 2000	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
≥ 1800	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
≥ 1500	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
≥ 1200	98.6	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
≥ 1000	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	98.7	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
≥ 800	98.7	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
≥ 700	98.7	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
≥ 600	98.7	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
≥ 500	98.7	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
≥ 400	98.7	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
≥ 300	98.7	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
≥ 200	98.7	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
≥ 100	98.7	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
≥ 0	98.7	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

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 10F84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

CEILING VERSUS VISIBILITY

...S [illegible] AFB ... [illegible] 74-83 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] 12 C-17CC

CEILING (FEET)	VISIBILITY STATUTE MILES ≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥	≥	≥	≥5/16	≥	0
[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]	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
[illegible]	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
[illegible]	87.1	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
[illegible]	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
[illegible]	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
[illegible]	93.4	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]	94.1	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
[illegible]	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
[illegible]	97.2	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
[illegible]	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
[illegible]	99.	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
[illegible]	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
[illegible]	99.1	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]	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
[illegible]	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
[illegible]	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
[illegible]	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
800	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
700	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
600	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
500	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
400	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
300	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
200	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
100	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
0	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

TOTAL NUMBER OF OBSERVATIONS 93C

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

[illegible]

2

...AL CLIMATOLOGY BRANCH
...TAC
...EAT ER SERVICE/MAC

CEILING VERSUS VISIBILITY

...5 HILL AFB UT — 74-83 — ~~JAN~~

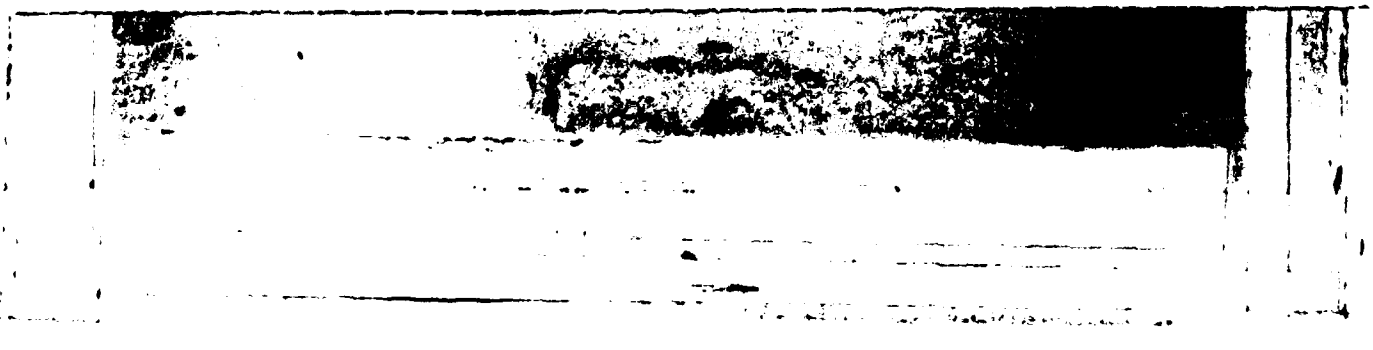
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~19 0-2000~~

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	3	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	
12000+	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
10000	81.4	81.4	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
9000	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
8000	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
7000	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
6000	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
5000	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
4500	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
4000	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
3500	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
3000	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
2500	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
2000	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
1800	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
1500	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
1400	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
1300	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
1200	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
1100	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
1000	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
900	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
800	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
700	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
600	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
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 ... 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



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

2

CEILING VERSUS VISIBILITY

...5 HILL AFB, UT ... 74-83 ... ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...6-2300

CEILING (HUNDREDS OF FEET)	VISIBILITY STATUTE MILES															
	3	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	
	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
	99.9	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	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	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



...TAL CLIMATOLOGY BRANCH
...YAC
...EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

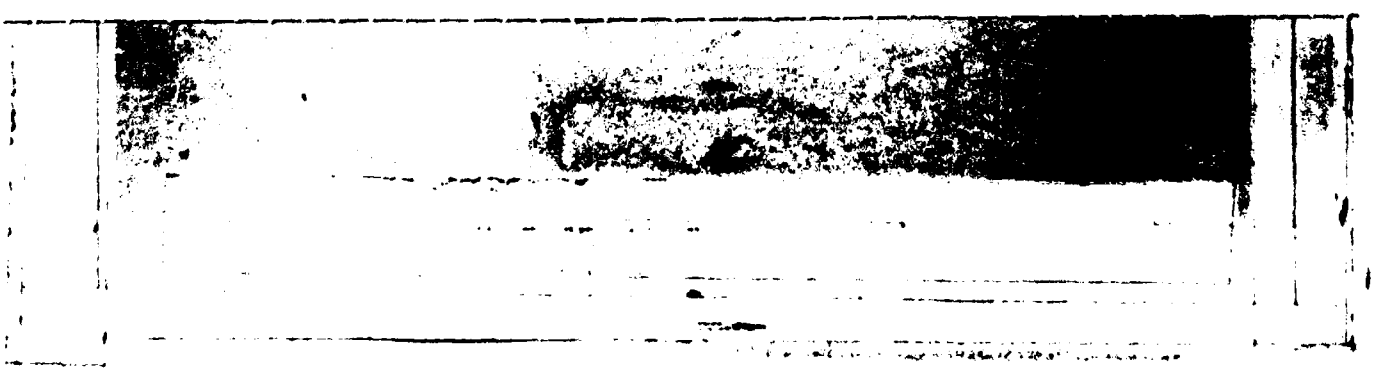
...ILL AFB, KS ... 74-82 ... ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥5/16	≥0
UNL	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
	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	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 16000	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	83.9	83.9
≥ 14000	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	85.5
≥ 12000	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	89.3	89.3
≥ 11000	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	92.7	92.7
≥ 9000	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	93.6	93.6
≥ 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	96.3	96.3	96.3
≥ 7000	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
≥ 6000	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	98.8
≥ 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	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	99.7	99.7
≥ 4000	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3500	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3000	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	99.9	99.9
≥ 2500	99.8	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
≥ 2000	99.8	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
≥ 1800	99.8	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
≥ 1600	99.8	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
≥ 1400	99.8	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
≥ 1200	99.8	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
≥ 1000	99.8	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	99.8	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	99.8	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	99.8	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	99.8	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	99.8	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	99.8	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	99.8	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	99.8	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	99.8	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	99.8	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 7885

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



2

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] HILL AFB, UT [redacted] 74-83 YEARS AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2200 HOUR (LST)

CEILING (HUNDREDS OF FEET)	VISIBILITY STATUTE MILES															
	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0		
≥22000	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	76.8
≥20000	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥18000	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	79.7
≥16000	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥14000	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥12000	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	85.7
≥10000	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
≥9000	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥8000	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	94.9
≥7000	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	95.5
≥6000	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥5000	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥4500	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	99.6
≥4000	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥3500	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	99.8
≥3000	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	100.0
≥2500	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	100.0
≥2200	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	100.0
≥2000	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	100.0
≥1800	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	100.0
≥1600	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	100.0
≥1400	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	100.0
≥1200	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	100.0
≥1000	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	100.0
≥900	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	100.0
≥800	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	100.0
≥700	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	100.0
≥600	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	100.0
≥500	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	100.0
≥400	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	100.0
≥300	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	100.0
≥200	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	100.0
≥100	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	100.0
≥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	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
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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

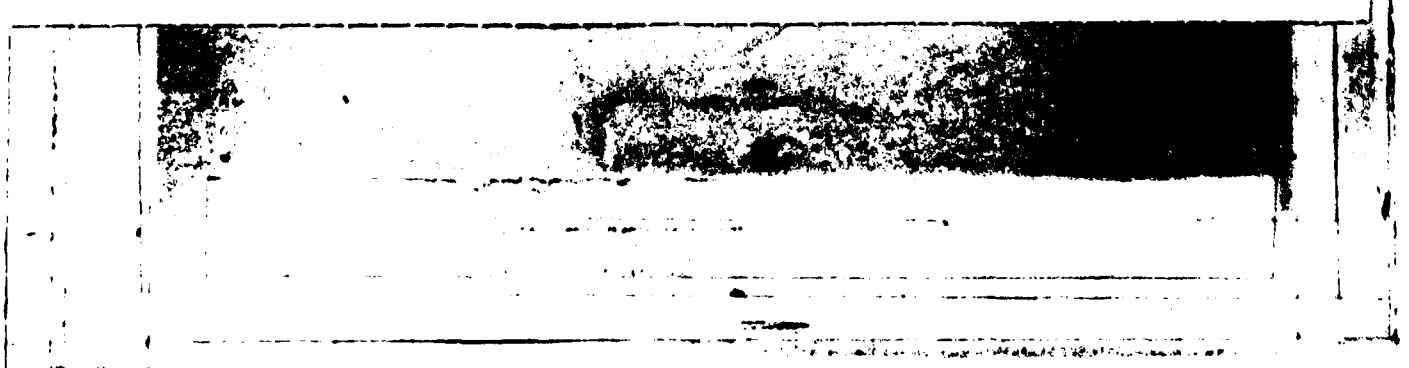
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0500 HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	10	9	8	7	6	5	4	3	2½	2	1½	1	⅞	½	0
≥ 25000	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
≥ 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	79.1
≥ 16000	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
≥ 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
≥ 12000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 11000	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
≥ 10000	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
≥ 9000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 8000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 7000	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
≥ 6000	99.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	99.6	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
≥ 4500	99.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	99.6	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
≥ 3500	99.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	99.6	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
≥ 2500	99.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	99.6	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
≥ 1800	99.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1600	99.6	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
≥ 1400	99.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	99.6	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
≥ 1000	99.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	99.6	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
≥ 800	99.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	99.6	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
≥ 600	99.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	99.6	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
≥ 400	99.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	99.6	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
≥ 200	99.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	99.6	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
≥ 0	99.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

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



2

...RAL CLIMATOLOGY BRANCH
...ETAC
AI... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2...5 HILL AFB UT (STATION NAME) 74-83 (YEARS) AUG (MONTH) 00Z-03Z (HOURS)

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
NO CEILING	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 20000	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	94.4	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
≥ 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
≥ 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
≥ 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
≥ 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	100.0	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
≥ 1600	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
≥ 1400	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	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
≥ 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

TOTAL NUMBER OF OBSERVATIONS 930

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

USAF CLIMATOLOGY BRANCH
ETAC
USAF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB [illegible] STATION NAME 74-81 YEARS ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-[illegible]-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	0	≥5/16	≥¼	0
[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	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
≥ 10000	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
≥ 6000	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
≥ 4000	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
≥ 2000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1200	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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	98.2
≥ 500	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
≥ 450	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
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 350	99.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 250	99.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 150	99.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	99.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 91C

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

...GAL CLIMATOLOGY BRANCH
...ETAC
... AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

... AFB, CT (STATION NAME) 48-83 (YEARS) AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

... 1600-1800

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥⅛	≥0	≥5/16	≥¼	0
20000+	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
15000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
12000	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
10000	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
9000	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
8000	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
7000	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
6000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
5000	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
4500	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
4000	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
3500	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
3000	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2500	99.8	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
2000	99.8	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
1800	99.8	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1600	99.8	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
1400	99.8	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
1200	99.8	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	99.8	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	99.8	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	99.8	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	99.8	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	99.8	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	99.8	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	99.8	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	99.8	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	99.8	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	99.8	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	99.8	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 ... 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1
2

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

CEILING VERSUS VISIBILITY

2nd CES HILL AFB, UT 74-83 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~13-17CC~~

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 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
≥ 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
≥ 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	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	87.8
≥ 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	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2000	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
≥ 1800	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
≥ 1500	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
≥ 1200	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	98.5
≥ 1000	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	99.7
≥ 900	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	100.0
≥ 0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

1
2

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

CEILING VERSUS VISIBILITY

...5 ...ALL AFB, ... (STATION NAME) 74-83 (YEARS) AUG (MONTHS)

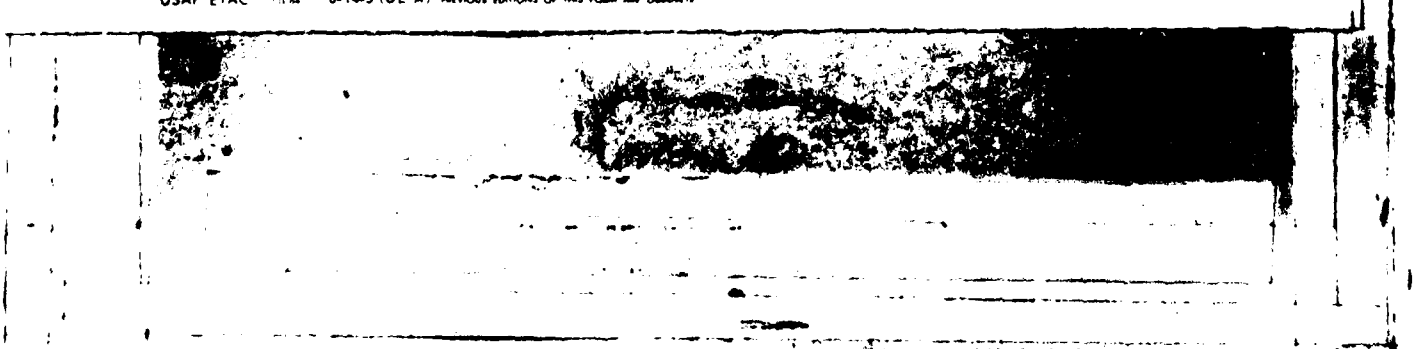
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...C-2...CC (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	...+	3	2½	2	1½	1	⅞	¾	⅝	½	⅜	¼	0	5/16	¼	0
...+	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
...+	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
...+	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
...+	82.4	82.5	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
4...+	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
5...+	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
6...+	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
7...+	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
8...+	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
9...+	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
10...+	98.8	98.8	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
12...+	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
15...+	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
20...+	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
25...+	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
30...+	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
35...+	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
40...+	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
45...+	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
50...+	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
60...+	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
70...+	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
80...+	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
90...+	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
100...+	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
120...+	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
150...+	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
200...+	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
...+	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 ...M 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



1
2

...TAL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...S BILL AFB, UT — 74-83 — AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...2100-2300

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	10	9	8	7	6	5	4	3	2½	2	1½	1¼	1	⅞	½	¼
22000+	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
20000	78.4	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
18000	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
16000	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
14000	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
12000	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
10000	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
9000	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
8000	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	95.5
7000	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
6500	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	98.1
6000	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
5000	99.2	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
4500	95.4	95.5	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
4000	99.4	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
3500	95.4	99.5	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
3000	99.4	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
2500	99.4	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
2000	99.4	99.5	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
1800	99.4	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
1600	99.4	99.5	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
1400	99.4	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
1200	99.4	99.5	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
1000	99.4	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
900	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	99.4	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
600	99.4	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
500	99.4	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
400	99.4	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
300	99.4	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
200	99.4	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	99.4	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
0	99.4	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

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

...E HILL AFB, UT (STATION NAME) 74-83 (YEARS) AUG

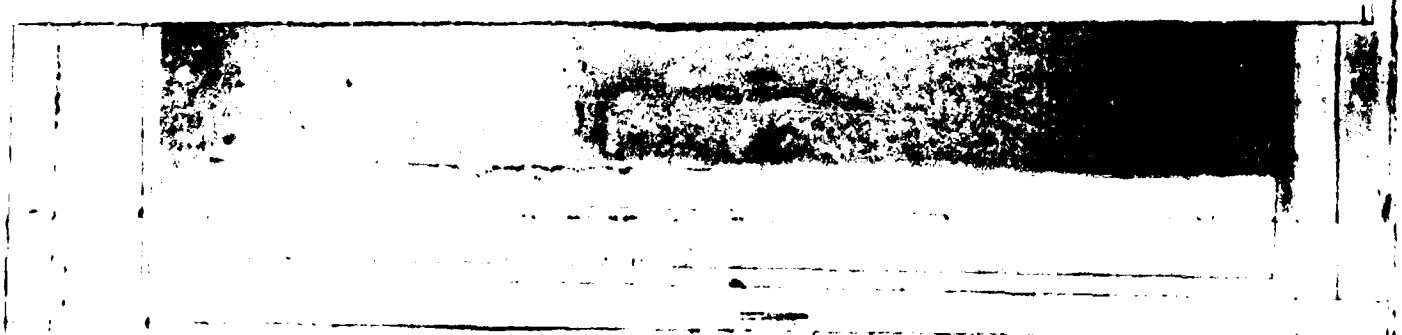
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING (HUNDREDS OF FEET)	VISIBILITY STATUTE MILES															
	≥10	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0		
≥ 22000	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
≥ 20000	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
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 12000	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
≥ 10000	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 9000	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
≥ 8000	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
≥ 7000	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	96.1
≥ 6000	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
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 3000	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2900	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	100.0
≥ 2800	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	100.0
≥ 2700	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	100.0
≥ 2600	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	100.0
≥ 2500	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	100.0
≥ 2400	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	100.0
≥ 2300	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	100.0
≥ 2200	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	100.0
≥ 2100	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	100.0
≥ 2000	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	100.0
≥ 1900	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	100.0
≥ 1800	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	100.0
≥ 1700	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	100.0
≥ 1600	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	100.0
≥ 1500	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	100.0
≥ 1400	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	100.0
≥ 1300	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	100.0
≥ 1200	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	100.0
≥ 1100	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	100.0
≥ 1000	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	100.0
≥ 900	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	100.0
≥ 800	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	100.0
≥ 700	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	100.0
≥ 600	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	100.0
≥ 500	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	100.0
≥ 400	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	100.0
≥ 300	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	100.0
≥ 200	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	100.0
≥ 100	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	100.0
≥ 0	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	100.0

TOTAL NUMBER OF OBSERVATIONS 7446

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



...AL CLIMATOLOGY BRANCH
...ETAC
...AT ON SERVICE/MAC

CEILING VERSUS VISIBILITY

...5 HILL AFB, UT — 74-83 — SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...-2200

CEILING (HUNDREDS OF FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0 5/16	≥0	0
22000	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
18000	78.4	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
17000	78.6	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
14000	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
12000	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
10000	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
9000	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
8000	92.3	92.5	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
7000	93.1	93.6	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
6000	95.7	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
5000	97.2	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	98.1	98.1
4500	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
4000	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
3500	98.0	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
3000	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
1800	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
1500	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
1200	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
1000	98.1	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	98.1	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
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 ... 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]5 HILL AFB UT — STATION NAME — 74-83 YEARS — SEP MONTH

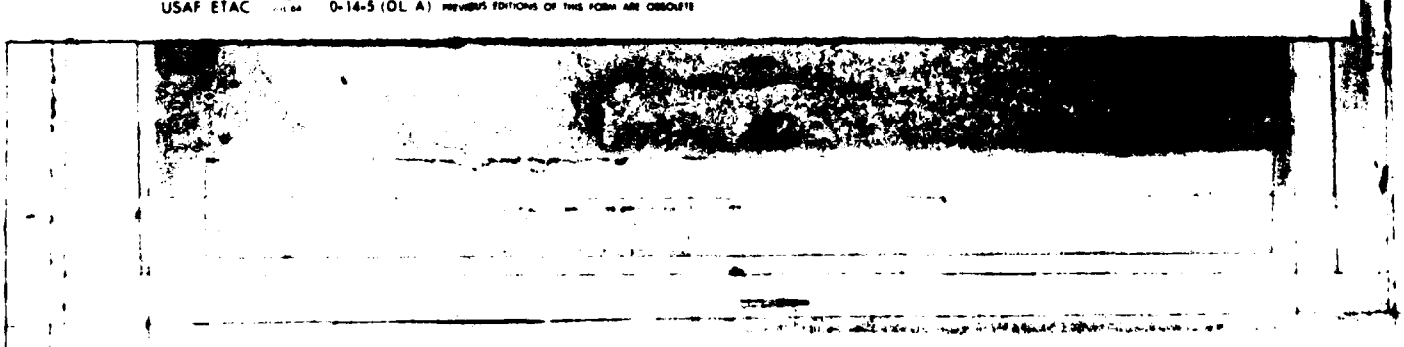
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]7-[illegible]5 HOUR (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	<½	≥5/16	≥¼	0
[illegible] 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	75.4	75.4
	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 8000	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 7000	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
≥ 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
≥ 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
≥ 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
≥ 4000	97.2	98.5	99.[illegible]	99.[illegible]	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.[illegible]	99.[illegible]	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.[illegible]	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	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
≥ 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

TOTAL NUMBER OF OBSERVATIONS 900

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



...AL CLIMATOLOGY BRANCH
...ETAC
AT ...EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...,... HILL AFB, UT — 74-83 — SEP

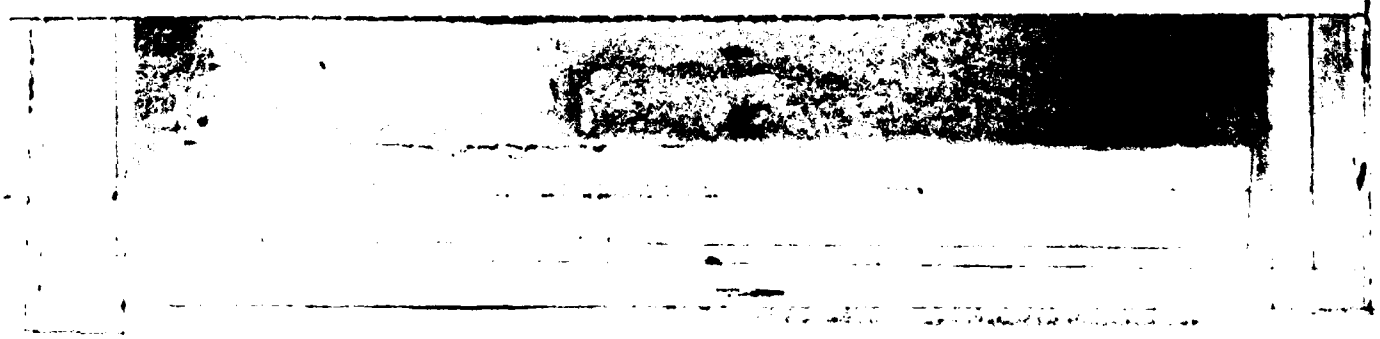
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...-...=GMT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
UNL	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
25000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
20000	76.2	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
15000	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
12000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
10000	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
9000	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
8000	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
7000	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
6000	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
5000	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
4500	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
4000	96.1	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
3500	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
3000	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
2500	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
2000	98.1	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
1800	98.2	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
1600	98.2	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
1400	98.2	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	98.2	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	98.2	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	98.2	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	98.2	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	98.2	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	98.2	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	98.2	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	98.2	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	98.2	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	98.2	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	98.2	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	98.2	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 ...

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



2

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

CEILING VERSUS VISIBILITY

...E FILL AFB, ... (STATION NAME) 74-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0700-1000 (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	...	3.0	2.5	2.0	1.5	1.2	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.0
...UNLIM	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
...XXXX	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
...XXX	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
...XXX	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
4XXX	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
3XXX	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
2XXX	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
1XXX	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
9XX	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
8XX	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
7XX	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	93.9
6XX	96.7	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
5XX	96.7	97.3	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
4XX	96.7	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
3XX	97.6	98.3	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
2XX	97.8	98.6	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1XX	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
0	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
0	97.8	98.6	99.4	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	97.8	98.6	99.4	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	97.8	98.6	99.4	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	97.8	98.6	99.4	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	97.8	98.6	99.4	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	97.8	98.6	99.4	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	97.8	98.6	99.4	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	97.8	98.6	99.4	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	97.8	98.6	99.4	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	97.8	98.6	99.4	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	97.8	98.6	99.4	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 ... 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

CEILING VERSUS VISIBILITY

...S HILL AFB, UT (STATION NAME) 74-83 (YEARS) SEP (MONTH)

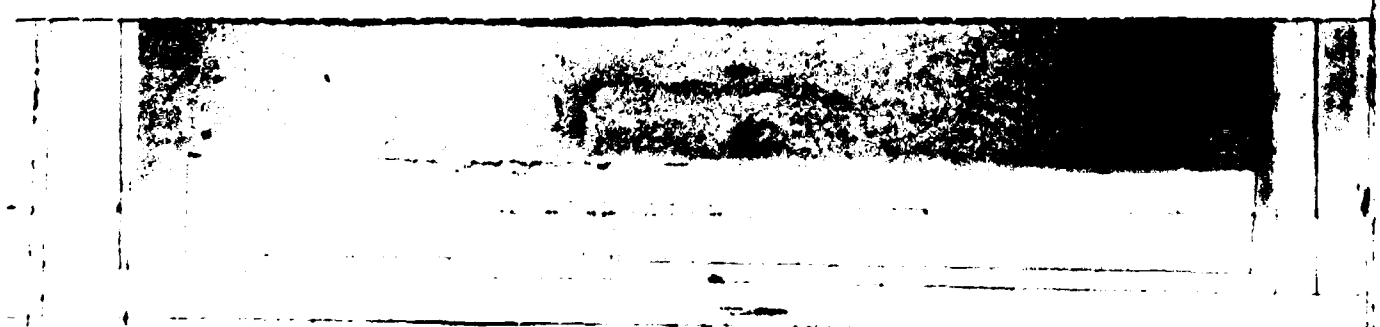
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...C-14CC (HOUR)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
≥ 12000	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 8000	82.8	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
≥ 6000	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
≥ 4000	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
≥ 3000	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
≥ 2000	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
≥ 1800	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
≥ 1500	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	97.7	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
≥ 500	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	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
≥ 150	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
≥ 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
≥ 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
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB, UT [illegible] 74-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-1700

CEILING (HUNDREDS OF FEET)	VISIBILITY: STATUTE MILES															
	≥0	≥¼	≥½	≥¾	≥1	≥1¼	≥1½	≥1¾	≥2	≥2½	≥3	≥4	≥5	≥5/16	≥7	≥10
[illegible]	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
[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	80.4	80.4	80.4
[illegible]	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
[illegible]	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
[illegible]	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
[illegible]	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]	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
[illegible]	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
[illegible]	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
[illegible]	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
[illegible]	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
[illegible]	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
[illegible]	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
[illegible]	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
[illegible]	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
[illegible]	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
[illegible]	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
[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
[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
[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
[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
[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
[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
[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
[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
[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
[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
[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
[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
[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
[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
[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
[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

TOTAL NUMBER OF OBSERVATIONS 900

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

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

CEILING VERSUS VISIBILITY

...55 HILL AFB UT (STATION NAME) 74-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

(HOUR LST) 1[illegible]-2[illegible]

CEILING (FEET)	VISIBILITY STATUTE MILES															
	2[illegible]	26	25	24	23	22	2[illegible]	21	21+	21	2+	2+	2+	25 16	2+	20
UNLIM	[illegible].3	75.4	75.[illegible]	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	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
18000	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	79.7
16000	79.9	8[illegible]	8[illegible]	8[illegible]	8[illegible]	8[illegible]	8[illegible]	8[illegible]	8[illegible]	8[illegible]	8[illegible]	8[illegible]	8[illegible]	8[illegible]	8[illegible]	8[illegible]
14000	[illegible]1.1	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.[illegible]	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	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
9000	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
8000	90.3	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.[illegible]	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	94.7	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	96.[illegible]	97.[illegible]	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
4500	97.4	97.5	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
4000	97.8	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
3500	97.8	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
3000	98.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]
2500	98.[illegible]	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
2000	98.[illegible]	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
1800	98.[illegible]	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
1600	98.[illegible]	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
1400	98.[illegible]	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
1200	98.[illegible]	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
1000	98.[illegible]	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
900	98.[illegible]	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
800	98.[illegible]	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
700	98.[illegible]	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
600	98.[illegible]	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
500	98.[illegible]	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
400	98.[illegible]	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
300	98.[illegible]	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
200	98.[illegible]	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	98.[illegible]	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
[illegible]	98.[illegible]	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

TOTAL NUMBER OF OBSERVATIONS 9[illegible]

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



2

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

CEILING VERSUS VISIBILITY

2755 HILL AFB, UT (STATION NAME) 74-83 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥5/16	≥¼	0
[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]	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
[illegible]	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
[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	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
3000	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
[illegible]	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
2000	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]	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
1500	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
[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
1000	97.2	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
[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
500	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
300	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
250	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
200	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
150	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
100	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
90	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
80	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
70	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
60	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
50	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
40	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
30	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
20	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
10	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
0	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 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...BAL CLIMATOLOGY BRANCH
...ETAC
... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...ASES HILL AFB UT ... 74-82 ... SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

... ALL

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
≥ UNL	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
≥ 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
≥ 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
≥ 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
≥ 14000	81.5	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
≥ 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
≥ 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
≥ 8000	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 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
≥ 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
≥ 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
≥ 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
≥ 4000	97.5	98.1	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 800	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	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
≥ 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

TOTAL NUMBER OF OBSERVATIONS 7200

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

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

CEILING VERSUS VISIBILITY

...5 HILL AFB ...T — STATION NAME — 74-83 — YEARS — OCT — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CCC-CCCC — HOUR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
...000	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
...700	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
...600	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	78.1
...500	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
4000	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
3500	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	81.1
3000	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
2500	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	83.8
2000	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	86.6
1800	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
1500	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
1200	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
1000	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	92.6
900	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	93.5
800	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
700	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	95.6
600	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	96.5
500	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	97.4
400	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	98.3
300	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	98.3
250	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	98.4
200	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	98.4
150	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	98.7
100	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	99.1
000	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	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	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	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	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	100.0
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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 936

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

2

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

...HILL AFB, UT ... 74-83 ... GCT

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1CC-CSCC~~

VISIBILITY, STATUTE MILES

CEILING, FEET	≥10	7	5	4	3	2½	2	1½	1¼	1	¾	½	≥5/16	¼	0
≥ 25000	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
≥ 20000	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
≥ 15000	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
≥ 10000	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
≥ 4000	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
≥ 2000	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
≥ 1000	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	91.0	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 400	92.0	92.5	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
≥ 300	92.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5
≥ 200	93.9	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
≥ 100	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
≥ 0	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
	95.5	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
	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
	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
	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
	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
	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
	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
	96.1	97.5	98.4	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
	96.1	97.6	98.6	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
	96.2	97.7	98.7	98.9	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
	96.2	97.7	98.7	98.9	99.1	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
	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
	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

TOTAL NUMBER OF OBSERVATIONS ... 936

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

[redacted]

2

...TAL CLIMATOLOGY BRANCH
...ETAC
... STATES SERVICE/MAC

CEILING VERSUS VISIBILITY

...S HILL AFB, UT (STATION NAME) 74-87 (YEARS) OCT (MONTH)

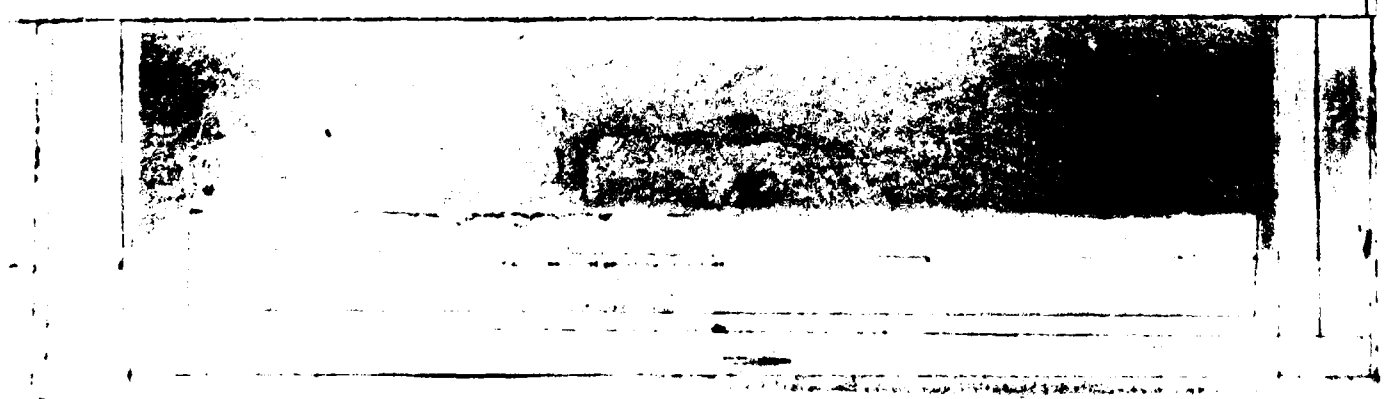
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
12000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
10000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
9000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
8000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
7000	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	75.6
6000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
5000	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
4500	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	83.2
4000	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
3500	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	87.6
3000	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	89.7
2500	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
2000	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	93.7	93.7
1800	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
1500	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
1200	96.7	96.7	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	96.8	96.8
1000	97.	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
900	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
800	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
700	97.3	97.3	97.3	97.3	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
600	97.3	97.8	97.8	97.8	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
500	97.4	97.7	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	98.8
400	97.4	97.7	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	98.8
300	97.4	97.7	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	98.8
200	97.4	97.7	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	98.8
100	97.4	97.7	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	99.6
0	97.4	97.7	97.7	98.5	98.9	99.0	99.4	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

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



2

...AL CLIMATOLOGY BRANCH
...ETAC
...EAT OF SERVICE/MAC

CEILING VERSUS VISIBILITY

...65 ...ILL AFB ...L (STATION NAME) 74-83 (YEARS) ~~667~~ (HOURS)

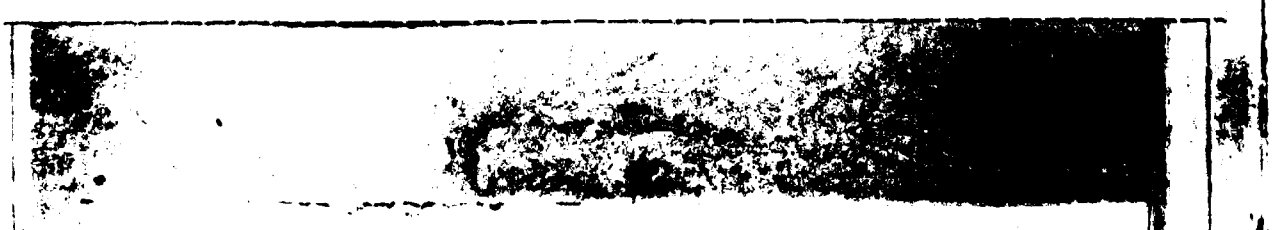
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~266+112=378~~

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	0
≥ 20000	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
≥ 15000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 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
≥ 5000	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
≥ 4500	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	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
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	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
≥ 1600	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
≥ 1400	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 400	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
≥ 300	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
≥ 200	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
≥ 100	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
0	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

TOTAL NUMBER OF OBSERVATIONS 936

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



2

LOCAL CLIMATOLOGY BRANCH
USAFETAC
USAF ETAC SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] MALL AEE AT [illegible] 74-81 CCI

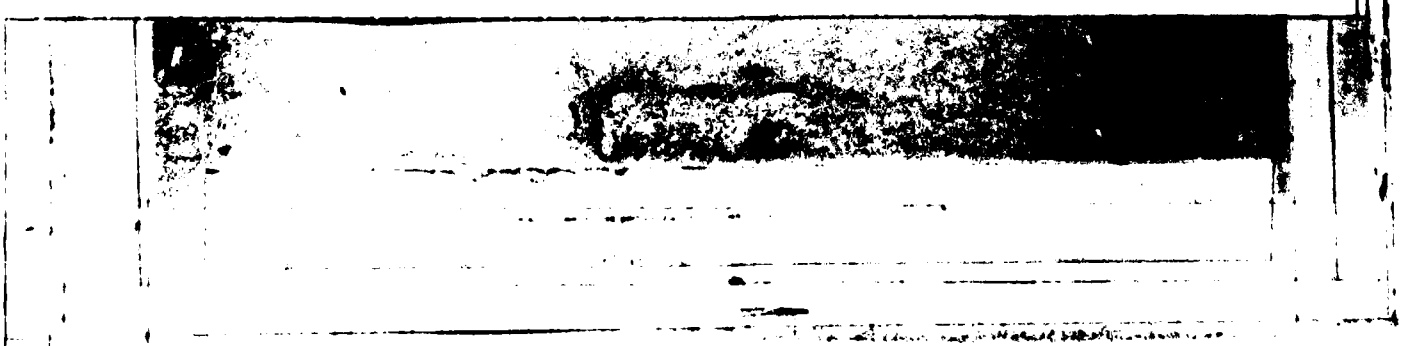
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 Oct 74 - 14 Oct

CEILING (HUNDREDS OF FEET)	VISIBILITY STATUTE MILES															
	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥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]	[illegible]	[illegible]	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]	[illegible]	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]	76.8	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]	[illegible]	78.1	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	[illegible]	[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
[illegible]	[illegible]	[illegible]	[illegible]	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]	[illegible]	[illegible]	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]	[illegible]	[illegible]	[illegible]	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]	[illegible]	[illegible]	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]	[illegible]	[illegible]	[illegible]	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	91.6	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]	[illegible]	[illegible]	[illegible]	[illegible]	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]	[illegible]	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]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	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]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	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]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	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]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	97.5	97.8	[illegible]	98.2	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	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]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	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]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	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]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	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]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	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]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	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]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	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 FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



1
2

...L RAL CLIMATOLOGY BRANCH
...TAC
AT... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...755 HILL AFB ...T — STATION NAME — 74-81 — YEAR — OCT — MONTH

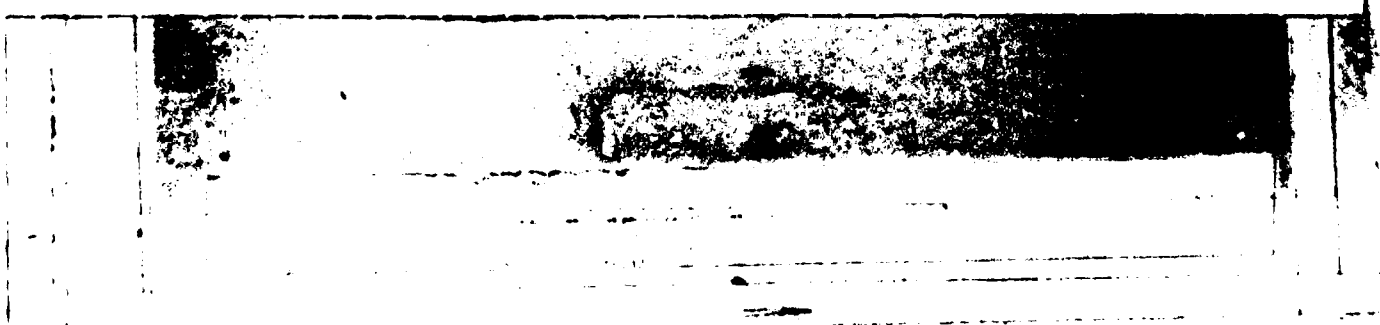
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...5 C-17CC — HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES: ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
...20000	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
	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	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
≥ 5000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4500	93.9	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
≥ 4000	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	95.5	95.5
≥ 3500	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	95.8
≥ 3000	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	96.7	96.7
≥ 2500	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	97.5	97.5
≥ 2000	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	97.5	97.5
≥ 1800	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	97.5	97.5
≥ 1500	97.7	98.0	98.4	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	98.2	98.6	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	98.0	98.3	98.7	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	98.3	98.7	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	98.2	98.5	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	98.2	98.5	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	98.2	98.5	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	98.2	98.5	98.9	99..	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.2	98.5	98.9	99..	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.2	98.5	98.9	99..	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.2	98.5	98.9	99.0	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	98.2	98.5	98.9	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.2	98.5	98.9	99.0	99.7	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



...AL CLIMATOLOGY BRANCH
...TAC
...EAT ER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

...S HILL AFB, UT (STATION NAME) JUL-83 (YEARS) ALL (MONTHS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...6-2200

CEILING (HUNDREDS OF FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
	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
	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
	76.8	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
	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
	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
	81.6	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
	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
	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
	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
	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
	91.4	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
	93.0	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
	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
	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
	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
	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
	95.8	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
	95.8	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
	95.9	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
	96.1	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
	96.2	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
	96.4	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
	96.4	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
	96.5	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
	96.6	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
	96.6	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
	96.6	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
	96.6	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
	96.6	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
	96.6	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 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

...5 ...AFB, ... (STATION NAME) 74-87 (YEARS) ...CT (MONTH)

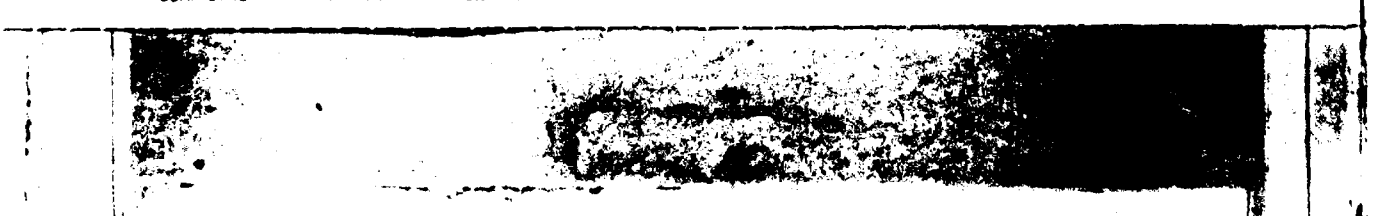
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...-2300 (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥1	≥7/8	≥3/4	≥5/8	≥1/2	≥3/8	≥1/4	≥1/8	≥1/16	≥0	≥1	≥1 1/4	≥1 1/2	≥2	≥2 1/2	≥3
12000	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
10000	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
9000	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
8000	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
7000	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
6000	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
5000	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
4500	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
4000	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
3500	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
3000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
2500	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
2000	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
1800	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
1500	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
1000	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
900	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
800	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
700	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
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	99.0	99.0	99.0	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
400	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6
300	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
100	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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



...AL CLIMATOLOGY BRANCH
...ETAC
...AT-ER SERVICE/MAC

CEILING VERSUS VISIBILITY

2...5 HILL AFB ...T (STATION NAME) 74-82 (YEARS) CCT (MONTH)

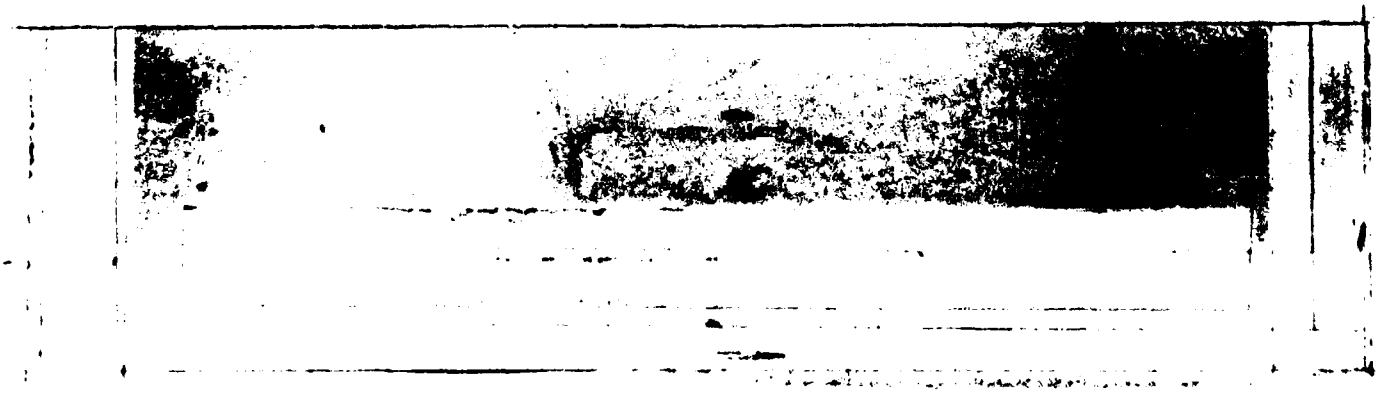
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
22000+	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
20000	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
18000	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
16000	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
14000	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
12000	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
10000	81.6	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
9000	82.5	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
8000	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
7000	86.5	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
6000	88.1	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
5000	91.6	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	91.7
4500	92.9	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
4000	93.1	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	94.4
3500	94.6	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	95.0
3000	95.5	95.6	95.6	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
2500	95.8	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	96.9
2200	95.4	96.2	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	97.5
2000	95.4	96.2	97.2	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
1800	95.6	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	98.2
1700	95.6	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	98.4
1600	95.7	97.3	98.1	98.3	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
1500	95.7	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	99.8	98.8
1400	95.7	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	99.1
1300	95.7	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	99.2
1200	95.7	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	99.4
1100	95.7	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	99.6
1000	95.7	97.5	98.4	98.7	99.0	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
900	95.7	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	100.0
800	95.7	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	100.0
700	95.7	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	100.0
600	95.7	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	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

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



1
2

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

CEILING VERSUS VISIBILITY

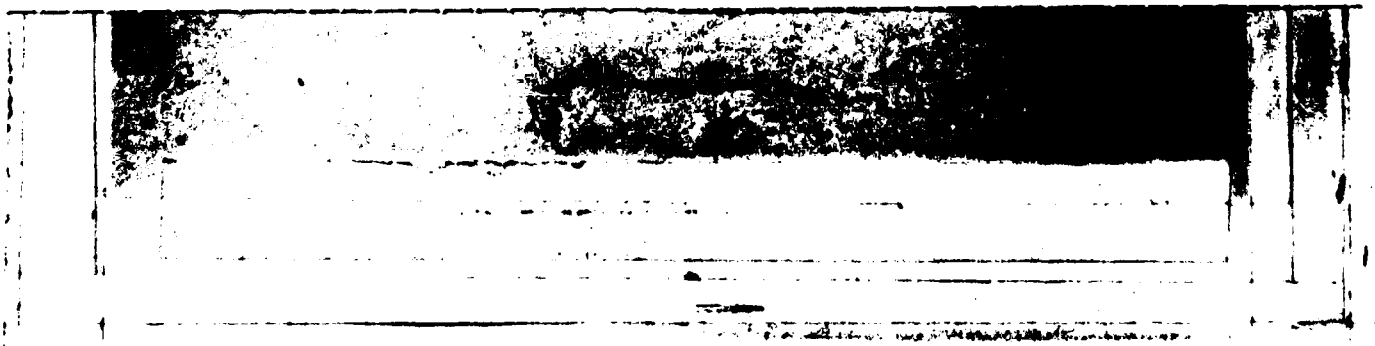
...S HILL AFB UT (STATION NAME) 74-82 (YEARS) ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	57.2	58.7	58.8	59.8	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	62.6	62.3	62.8	62.8	62.4	62.4	62.8	62.4	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 18000	62.6	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	63.1	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 14000	64.8	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	66.1	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	73.6	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	74.0	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	78.4	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	80.6	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	82.8	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	86.6	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	88.1	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	89.2	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3500	89.8	89.9	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	91.4	91.6	92.1	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2500	93.7	93.7	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000	94.8	94.2	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	97.8	93.2	94.9	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	98.1	93.6	95.1	95.4	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	98.1	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	98.1	93.6	95.3	95.8	96.3	96.4	96.5	97.1	97.1	97.4	97.6	97.6	97.7	97.7	97.7	97.7
≥ 900	98.1	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	98.1	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	98.1	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	98.1	93.6	95.3	95.9	96.6	96.8	97.8	97.8	97.9	98.4	98.8	98.8	99.0	99.0	99.0	99.0
≥ 500	98.1	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	98.1	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	98.1	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	98.1	93.7	95.4	96.0	96.7	96.9	97.7	98.1	98.2	99.0	99.4	99.7	99.9	100.0	100.0	100.0
≥ 100	98.1	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	98.1	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 9CC

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



2

LOCAL CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] FILE AFB, [illegible] 74-83 YEARS NOV

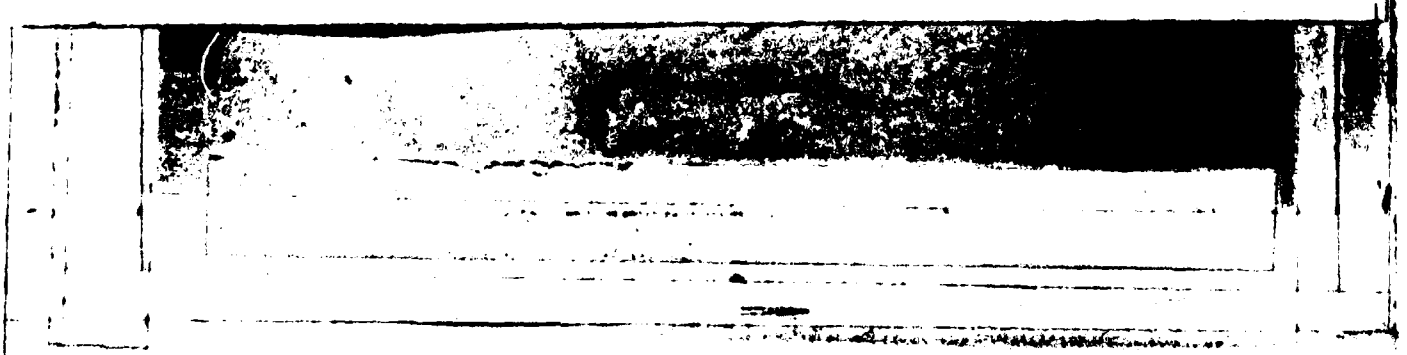
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] 0500-0559

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/16	≥¼	≥0
[illegible]	[illegible]	[illegible].6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12000	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
10000	[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
7000	[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
5000	[illegible]	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
4000	[illegible]	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
3500	[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	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
2500	[illegible]	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
2000	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
1800	[illegible]	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
1500	87.3	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
1400	[illegible]	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
1200	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
1000	[illegible]	[illegible]	[illegible]	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
900	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
800	[illegible]	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
700	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
600	[illegible]	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
500	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
400	[illegible]	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
300	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
200	[illegible]	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
100	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
0	[illegible]	92.3	94.4	95.1	95.6	95.8	96.3	97.3	97.8	97.8	97.9	97.9	98.0	98.0	98.1
[illegible]	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
[illegible]	[illegible]	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	99.0
[illegible]	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	99.8
[illegible]	[illegible]	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	99.9
[illegible]	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
[illegible]	[illegible]	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	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC [illegible] 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

...5 ...ILL AFB ...I — STATION NAME — 74-82 — YEARS — ...NOV — MONTH — 6...C=18...C — HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥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..	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..0	6..6	6..7	6..7	6..9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 16000	6..2	6..8	6..9	6..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	61.7	61.9	62..	62..	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..	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
≥ 11000	69..	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	69.5	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	78.5	78.0	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..	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 .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 .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	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200	88.4	91.7	93.7	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	98.4	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 9CC

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

...L CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...E AFB LT (STATION NAME) 74-83 (YEARS) NOV (MONTH)

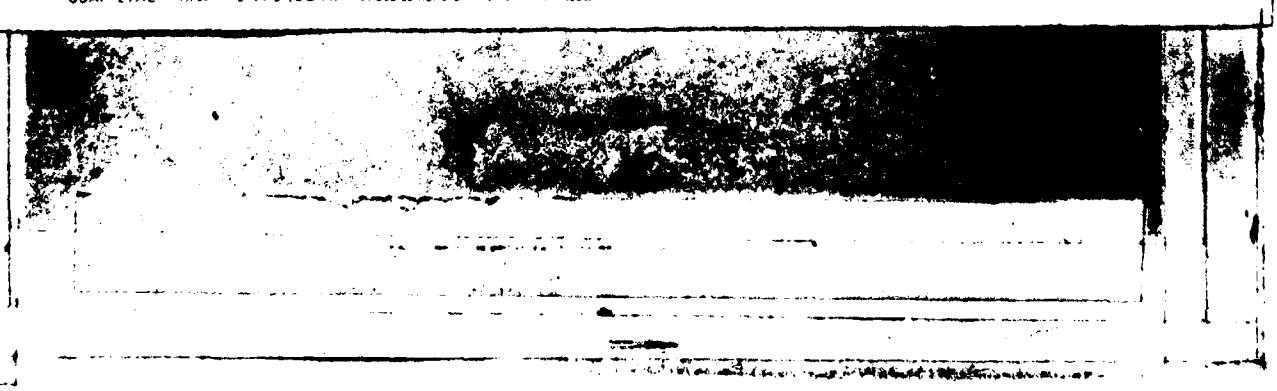
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR LST)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥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
≥ 15000	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
≥ 10000	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
≥ 9000	57.7	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 8000	58.5	61.0	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
≥ 7000	64.5	66.1	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
≥ 6000	67.6	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
≥ 5000	68.2	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
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2000	86.6	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
≥ 1500	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 400	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
≥ 300	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
≥ 200	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	98.0	98.1
≥ 100	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
≥ 0	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
	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
	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
	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
	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
	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 966

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



2

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

CEILING VERSUS VISIBILITY

...25 HILL AFB, UT (STATION NAME) 74-83 (YEARS) ALL (MONTH)

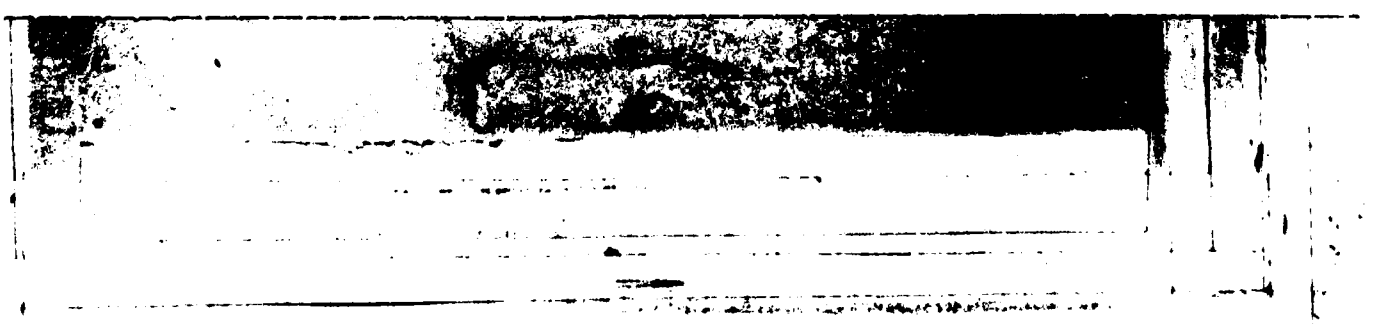
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1200-1400~~

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥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
≥ 20000	54.0	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
≥ 18000	55.4	58.0	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	55.4	58.3	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 14000	57.7	61.9	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
≥ 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
≥ 10000	66.7	69.8	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..	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	71.6	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
≥ 7000	72.8	75.9	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 .6	8 .6	8 .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
≥ 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
≥ 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
≥ 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
≥ 3000	85.2	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
≥ 2500	86.2	9 .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
≥ 2000	86.4	9 .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
≥ 1800	86.4	9 .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
≥ 1500	86.4	9 .4	92..	93.4	93.9	93.9	94.3	94.8	94.8	94.8	94.8	95.0	95.0	95.0	95.1	
≥ 1200	86.4	9 .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	95.6
≥ 1000	86.6	90.6	93.8	94.0	94.4	94.6	95.3	95.9	95.9	96.3	96.6	96.7	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	97.1	97.2	97.2	97.2	97.3
≥ 800	86.6	90.6	93.7	94.8	94.9	95..	95.9	96.4	96.4	97.1	97.2	97.3	97.4	97.6	97.6	97.7
≥ 700	86.6	90.6	93.7	94.8	94.9	95.0	95.9	96.4	96.4	97.1	97.3	97.4	97.7	97.7	97.7	97.8
≥ 600	86.6	90.6	93.7	94.8	94.9	95.0	95.9	96.4	96.4	97.1	97.4	97.7	97.9	97.9	97.9	98.2
≥ 500	86.6	90.6	93.7	94.8	94.9	95.0	95.9	96.6	96.6	97.2	97.6	98.1	98.4	98.4	98.8	99.1
≥ 400	86.6	90.6	93.7	94.8	94.9	95.0	95.9	96.6	96.6	97.2	97.6	98.0	98.3	98.3	98.9	99.2
≥ 300	86.6	9 .6	93.7	94.8	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 .6	93.7	94.8	94.9	95..	95.9	96.6	96.6	97.3	97.9	98.4	98.9	98.9	99.3	99.7
≥ 100	86.6	9 .6	93.7	94.8	94.9	95..	95.9	96.6	96.6	97.3	97.9	98.4	98.9	98.9	99.4	100.0
≥ 0	86.6	9 .6	93.7	94.8	94.9	95..	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 NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



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

CEILING VERSUS VISIBILITY

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

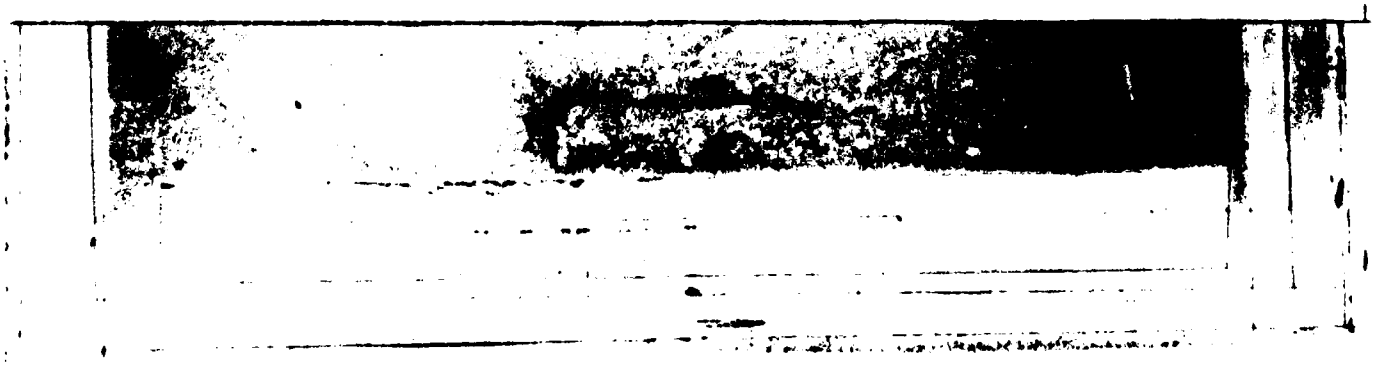
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13 C-17 CC (HOURS (LST))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
	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	54.7	54.7
	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	61.4	61.4
	62.7	63.0	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
	63.1	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	64.0	64.0
	65.1	65.8	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
	66.4	69.4	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
	69.8	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	73.4	73.4
	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	74.0	74.0
	74.3	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	76.1	76.1
	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	78.0	78.0
	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	82.2	82.2
	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	87.0	87.0
	83.3	87.1	87.9	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
	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	90.9	90.9
	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	91.4	91.4
	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	93.3	93.3
	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	94.4	94.4
	87.4	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	95.8	95.8
	87.3	92.6	94.7	95.1	95.8	95.8	95.9	96.0	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3
	87.3	92.8	95.0	95.4	96.3	96.3	96.6	96.8	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1
	87.3	93.0	95.0	95.4	96.3	96.3	96.6	96.8	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1
	87.3	92.9	95.0	95.4	96.4	96.6	96.9	97.2	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6
	87.7	92.9	95.1	95.6	96.6	96.7	97.0	97.4	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8
	87.3	92.9	95.3	95.8	96.8	96.9	97.2	97.7	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0
	87.3	92.9	95.3	95.8	96.8	96.9	97.2	97.7	97.7	97.9	97.9	98.1	98.1	98.1	98.1	98.1
	87.3	92.9	95.3	95.8	96.8	96.9	97.2	97.8	97.8	98.0	98.0	98.2	98.2	98.2	98.2	98.2
	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	99.0	99.2	99.2
	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	99.1	99.4	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	99.1	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
	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

[illegible] MILL AFB [illegible] STATION NAME — 74-83 YEARS — NOV

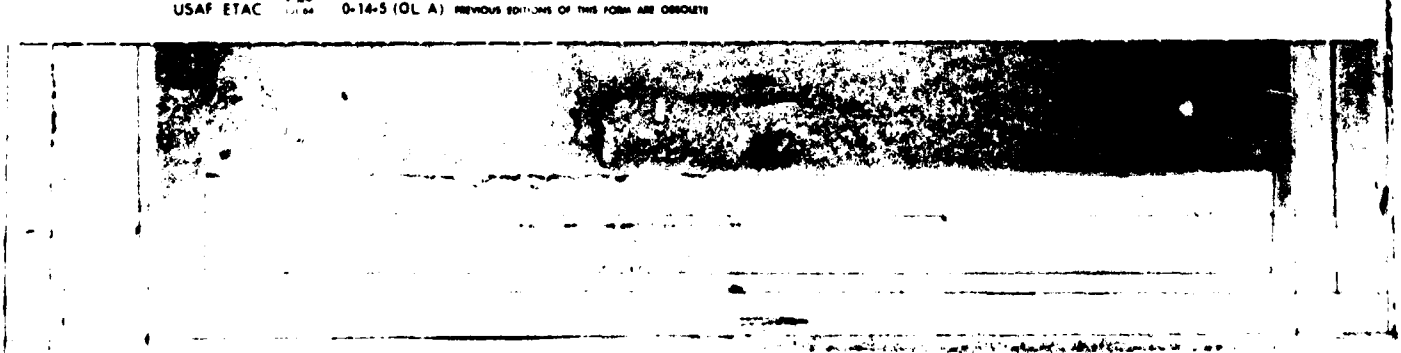
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~18 C-26 CC~~

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
[illegible]	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
[illegible]	[illegible]	[illegible]	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
8000	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
6000	[illegible]	[illegible]	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
4000	64.[illegible]	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
3000	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
2500	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
2000	[illegible]	[illegible]	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
1800	77.0	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
1500	[illegible]	[illegible]	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
1000	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
900	[illegible]	[illegible]	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
800	82.9	86.4	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
700	[illegible]	[illegible]	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
600	[illegible]	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
500	[illegible]	[illegible]	91.3	91.7	91.9	91.9	91.9	92.[illegible]	92.[illegible]	92.0	92.0	92.0	92.1	92.1	92.1	92.1
400	85.4	91.2	92.4	93.[illegible]	93.3	93.3	93.4	93.7	93.7	93.8	93.9	93.9	94.0	94.0	94.0	94.0
300	86.[illegible]	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
200	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
150	86.[illegible]	92.3	94.3	95.1	96.0	96.0	96.4	96.8	96.8	97.[illegible]	97.1	97.1	97.2	97.2	97.2	97.2
100	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
50	86.[illegible]	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
0	86.7	92.7	95.[illegible]	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
	86.[illegible]	92.7	95.1	95.9	97.0	97.[illegible]	97.7	98.2	98.2	98.7	98.8	98.8	98.9	98.9	98.9	98.9
	86.2	92.7	95.2	96.[illegible]	97.1	97.1	97.8	98.3	98.3	98.9	99.0	99.0	99.1	99.1	99.1	99.1
	86.2	92.7	95.2	96.[illegible]	97.1	97.1	97.9	98.6	98.6	99.3	99.4	99.4	99.7	99.7	99.7	99.7
	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
	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
	86.2	92.7	95.2	96.0	97.1	97.1	97.9	98.6	98.6	99.3	99.4	99.8	99.7	99.7	99.7	99.8
	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
	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 [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 [illegible] 74-81 [illegible] NOV

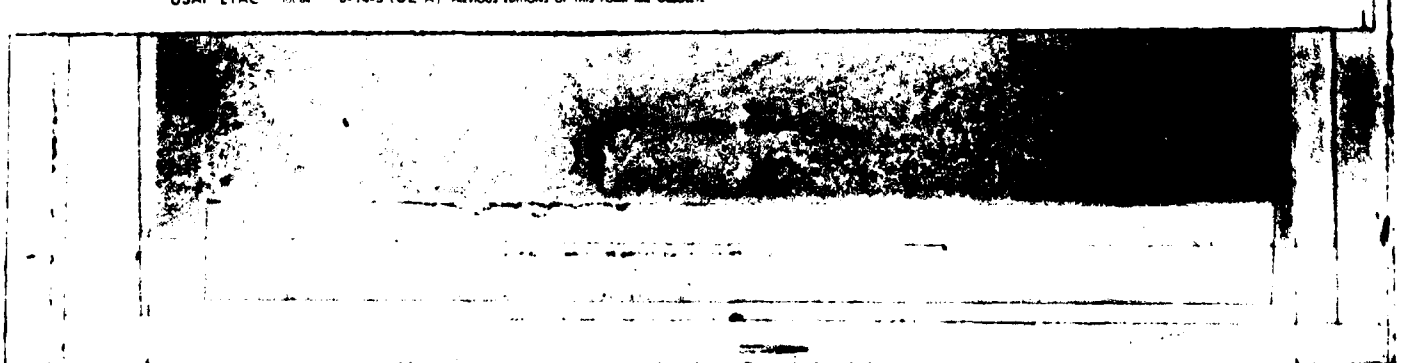
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] 01-23 CST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
[illegible]	59.4	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]	63.1	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
5000	63.	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
[illegible]	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
4000	66.1	67.	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
3500	69.2	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
3000	73.7	74.3	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
2500	74.4	75.4	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	77.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
1800	78.3	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
1500	80.1	81.6	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
1200	83.3	85.7	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
1000	84.4	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
900	85.2	88.	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
800	85.6	88.7	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
700	86.7	91.1	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
600	86.9	91.1	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
500	87.2	91.6	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
400	87.3	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
300	87.4	92.2	94.1	94.7	95.1	95.1	95.4	95.6	95.7	95.8	96.1	96.2	96.2	96.3	96.3	96.3
200	87.6	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
100	87.6	92.4	94.4	95.2	95.8	95.8	96.7	96.8	96.9	97.4	97.5	97.9	98.0	98.0	98.0	98.0
0	87.8	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
[illegible]	87.8	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
700	87.8	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
600	87.8	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
500	87.8	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
400	87.8	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
300	87.8	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
200	87.8	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
100	87.8	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
0	87.8	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	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] HILL AFB UT — 79-83 — NOV — ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	2	1 3/4	1 1/2	1 1/4	1	7/8	5/8	1/2	1/4	0
UNLIMITED	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	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
≥ 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
≥ 16000	61.7	63.0	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	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 8000	73.8	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	75.2	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	78.7	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	82.2	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	85.2	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	86.9	91.4	91.9	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	87.1	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	94.8	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	94.8	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	87.6	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 7266

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 HALL AFB, LI ... 74-81 YEARS DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

...-2200

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
...UNLTD	1...9	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
...MAX	42.2	42....	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	51.5
...MIN	42.6	49.5	5...2	50.3	51....	51.0	51.3	51.3	51.3	51.4	51.6	51.7	51.7	51.7	51.7	52.2
...MAX	42.6	43.5	5...2	50.3	51.0	51....	51.3	51.3	51.3	51.4	51.6	51.7	51.7	51.7	51.7	52.2
...MIN	47.2	5...4	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	52.8
...MAX	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	54.4
...MIN	47.7	54.8	55.7	55.8	56.5	56.5	56.8	56.9	56.8	56.9	57.1	57.2	57.2	57.2	57.2	57.6
...MAX	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	58.3
...MIN	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	60.0
...MAX	52.2	59.4	60.3	61.0	61.6	61.6	61.9	61.9	61.9	62.1	62.3	62.4	62.4	62.4	62.4	62.8
...MIN	54.7	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	66.9
...MAX	73.4	73.6	73.8	73.9	73.5	73.5	73.9	73.9	73.9	74.0	74.2	74.3	74.3	74.3	74.3	74.7
...MIN	76.5	76.8	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	78.3
...MAX	78.4	77....	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	80.8
...MIN	79.2	78.7	8...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	82.6
...MAX	80.5	81.1	83....	83.1	83.9	83.9	84.5	84.5	84.5	84.6	84.8	84.9	84.9	85.1	85.1	85.5
...MIN	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	87.0	87.0	87.4
...MAX	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	88.6	88.6	89.0
...MIN	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	88.9	88.9	89.4
...MAX	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	90.3	90.3	90.8
...MIN	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	90.9	90.9	91.3
...MAX	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	92.4
...MIN	71.3	83.7	86....	86.8	88.6	88.6	90.4	90.4	90.8	91.2	91.6	91.7	91.9	92.0	92.0	92.5
...MAX	71.3	83.7	86....	86.8	88.6	88.6	90.5	90.8	91.1	91.6	92.0	92.2	92.4	92.5	92.5	92.9
...MIN	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	93.5
...MAX	71.3	83.8	86.1	87.0	88.8	88.8	90.9	91.2	91.5	92.6	93.3	93.4	93.7	93.8	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	94.9
400	71.3	83.8	86.1	87.0	88.8	88.9	91.2	91.5	92.2	93.5	94.4	94.5	94.7	94.8	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	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	96.3	96.5	96.7	97.5	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
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

TOTAL NUMBER OF OBSERVATIONS 930

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

[redacted] HILL AFB UT (STATION NAME) 74-81 (YEARS) DEC (MONTH)

[redacted] (HOUR)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
≥ 12000	42.4	48.4	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
≥ 10000	48.4	50.8	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
≥ 9000	48.7	51.0	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
≥ 8000	48.9	51.2	52.0	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
≥ 7000	48.9	51.7	52.6	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
≥ 6000	49.1	52.2	53.1	53.4	53.7	53.7	54.1	54.1	54.1	54.1	54.5	54.5	54.6	54.6	54.6	54.8
≥ 5000	55.4	57.6	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
≥ 4500	56.6	58.4	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
≥ 4000	59.7	60.4	60.2	60.5	60.9	60.9	61.2	61.2	61.2	61.2	61.6	61.6	61.7	61.7	61.7	61.9
≥ 3500	60.2	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
≥ 3000	63.2	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
≥ 2500	68.4	71.8	72.7	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
≥ 2000	69.2	76.0	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
≥ 1800	69.7	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
≥ 1500	69.7	79.0	81.3	81.6	81.9	81.9	81.5	81.5	81.5	81.5	81.9	81.9	82.0	82.0	82.0	82.3
≥ 1000	70.9	81.5	83.7	84.1	84.4	84.4	84.8	84.8	84.8	84.8	85.2	85.2	85.3	85.3	85.3	85.5
≥ 900	71.2	81.9	83.5	84.0	84.3	84.3	84.7	84.7	85.5	85.5	85.5	85.5	86.0	86.0	86.1	86.3
≥ 800	71.2	82.1	84.1	84.7	85.3	85.3	86.3	86.3	87.3	87.3	87.3	87.5	88.1	88.1	88.2	88.4
≥ 700	71.2	82.2	84.8	85.4	86.5	86.5	87.4	87.4	87.4	87.4	87.6	88.2	88.2	88.3	88.3	88.5
≥ 600	71.2	82.5	85.3	85.9	87.1	87.2	88.4	88.4	88.4	88.4	88.7	89.2	89.2	89.3	89.4	89.6
≥ 500	71.2	83.0	85.4	86.0	87.2	87.3	88.6	88.8	88.8	88.8	89.1	89.7	89.7	89.8	89.8	90.0
≥ 400	71.2	83.1	85.4	86.1	87.3	87.7	89.1	89.4	89.6	90.1	90.6	90.9	90.9	91.1	91.1	91.3
≥ 300	71.2	83.1	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
≥ 200	71.2	83.1	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
≥ 100	71.2	83.0	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
≥ 0	71.2	83.1	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
	71.2	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
	71.2	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
	71.2	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
	71.2	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	98.1
	71.2	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
	71.2	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 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

2

CEILING VERSUS VISIBILITY

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

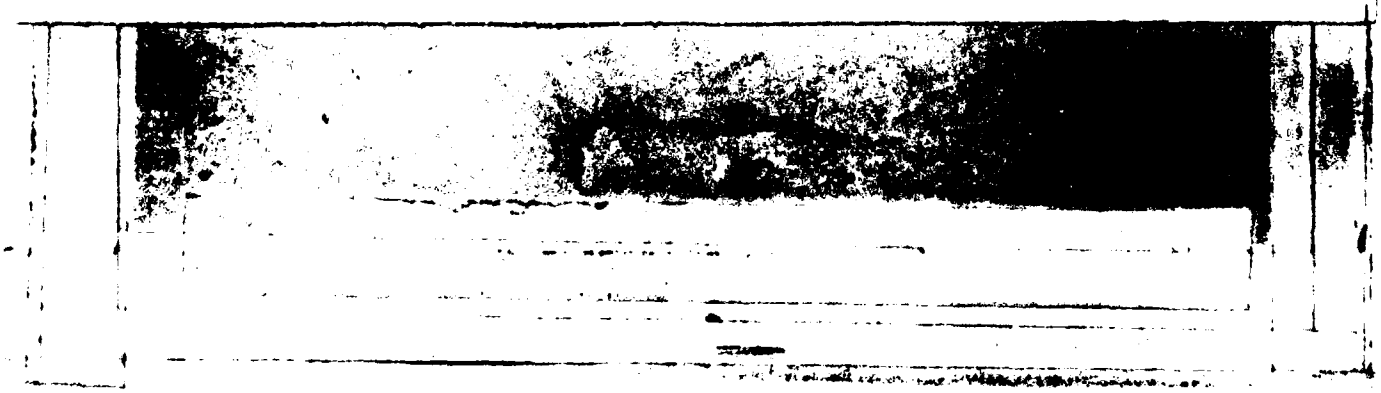
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-[illegible] (HOUR LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥5/8	≥0
[illegible]	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]	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	
[illegible]	49.2	49.8	49.7	50.0	50.2	50.3	50.4	50.4	50.6	50.9	50.9	51.0	51.0	51.0	51.6	
[illegible]	49.4	49.9	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
[illegible]	49.5	50.1	50.1	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
[illegible]	51.4	51.5	52.5	52.8	53.0	53.1	53.1	53.2	53.2	53.4	53.8	53.9	54.0	54.0	54.0	54.6
[illegible]	51.1	55.4	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
[illegible]	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
[illegible]	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
[illegible]	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
[illegible]	61.2	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
[illegible]	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
[illegible]	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
[illegible]	70.4	75.8	77.4	78.-	78.2	78.2	78.3	78.5	78.5	78.8	79.1	79.2	79.4	79.4	79.8	80.0
[illegible]	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
[illegible]	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
[illegible]	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
[illegible]	72.3	79.2	81.2	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
[illegible]	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
[illegible]	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
[illegible]	72.7	80.3	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
[illegible]	72.7	80.4	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
[illegible]	72.7	80.4	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
[illegible]	72.7	80.4	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
[illegible]	72.7	80.4	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
[illegible]	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
500	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
400	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	93.3	93.5	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 NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



AL CLIMATOLOGY BRANCH
ETAC
HEAT ER SERVICE/MAC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-1100 (HOUR LST)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
[illegible] 22000	38.7	38.7	39.8	40.4	40.6	40.9	41.3	41.6	41.6	41.6	41.6	41.6	41.6	41.7	41.8	42.0	42.6
	39.2	41.4	42.5	43.2	43.4	43.7	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.5	44.6	44.8	45.4
18000	41.1	43.1	44.2	44.9	45.2	45.4	45.8	46.1	46.1	46.1	46.1	46.1	46.1	46.2	46.3	46.6	47.1
16000	41.5	43.7	44.7	45.5	45.7	45.9	46.3	46.7	46.7	46.7	46.7	46.7	46.7	46.8	46.9	47.1	47.6
14000	42.6	44.7	45.8	46.6	46.8	47.1	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.8	48.0	48.2	48.7
12000	43.2	45.4	46.5	47.3	47.5	47.8	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.5	48.6	48.8	49.3
10000	47.7	51.2	52.5	53.2	53.7	53.9	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.8	55.1	55.6
9000	50.2	52.5	54.2	54.9	55.4	55.6	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.6	56.8	57.3
8000	52.8	55.3	56.7	57.4	58.0	58.2	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.2	59.6	60.2
7000	55.7	58.7	60.2	61.1	61.6	61.8	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.9	63.0	63.3	64.0
6000	60.7	63.5	65.2	66.0	66.6	66.8	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.8	68.0	68.3	68.9
5000	65.5	69.2	71.3	72.3	72.8	73.0	73.4	73.5	73.5	73.9	74.0	74.0	74.3	74.5	74.9	75.6	
4500	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	
4000	71.2	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	
3500	73.1	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	
3000	74.2	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	
2500	74.6	77.7	80.8	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	
2000	74.7	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	
1800	77.7	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	
1500	74.7	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	
1200	77.8	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	
1000	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	90.0	90.6	
900	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	90.2	90.9	
800	72.9	78.5	82.4	84.1	85.6	85.9	87.2	88.4	88.6	89.5	90.1	90.2	90.3	91.2	91.6	92.3	
700	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	
600	72.9	78.5	82.4	84.1	85.6	86.[illegible]	87.4	88.6	88.8	89.9	90.6	91.0	91.7	92.2	92.6	93.2	
500	72.9	78.5	82.4	84.1	85.6	86.[illegible]	87.5	88.8	89.0	90.4	91.5	92.2	93.1	93.5	94.0	94.6	
400	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	95.2	
300	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	
200	72.9	78.5	82.4	84.1	85.6	86.0	87.5	89.1	89.5	91.0	92.2	93.[illegible]	94.8	95.3	96.2	98.8	
100	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	
0	72.9	78.[illegible]	82.4	84.1	85.6	86.0	87.5	89.1	89.5	91.0	92.2	93.[illegible]	94.8	95.3	96.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥5/16	≥¼	≥0
[illegible]	[illegible]6.6	38.9	39.9	40.3	41.0	41.6	41.8	42.0	42.8	43.0	43.[illegible]	43.[illegible]	43.0	43.1	43.2		
[illegible]	[illegible]1.[illegible]	42.6	43.5	44.3	45.1	45.7	45.9	46.1	46.9	47.1	47.1	47.1	47.1	47.2	47.3		
[illegible]	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]2.[illegible]	44.6	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]3.7	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	5[illegible].6	51.4	52.0	52.3	52.5	53.2	53.4	53.4	53.4	53.4	53.5	53.7		
[illegible]	[illegible]2.8	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	[illegible]4.4	55.5	56.2	57.[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		
57.[illegible]	[illegible]0.8	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]1.6	65.[illegible]	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]3.7	[illegible]8.1	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		
65.[illegible]	7[illegible].5	74.[illegible]	75.4	76.7	77.4	78.[illegible]	78.7	78.9	80.0	80.3	80.4	80.4	80.4	80.6	80.8		
66.2	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		
67.5	73.2	77.2	79.1	8[illegible].5	81.4	82.3	82.7	82.9	84.[illegible]	84.4	84.5	84.5	84.5	84.7	84.8		
68.4	74.3	78.5	8[illegible].5	82.0	83.0	84.0	84.4	84.6	85.7	86.1	86.2	86.2	86.2	86.5	86.6		
68.4	74.5	79.1	81.3	83.0	84.[illegible]	85.4	86.[illegible]	86.2	87.3	87.7	87.8	87.8	87.8	88.1	88.2		
68.5	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		
68.4	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		
68.[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		
68.4	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		
68.[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		
68.4	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		
68.5	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		
68.[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		
68.5	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		
68.[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		
68.[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		
68.[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		
68.6	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		
68.6	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	100.0		

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

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

...RAL CLIMATOLOGY BRANCH
...ETAC
AT ...EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2,765 HILL AFB UT 74-81 DEC
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOUR (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	31.0	33.4	36.3	37.6	38.5	39.4	40.4	41.0	41.1	41.5	41.8	41.8	42.0	42.0	42.0	42.2
≥ 20000	32.9	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	45.1	45.2
≥ 18000	34.0	37.2	40.4	41.7	42.7	43.5	44.6	45.2	45.3	45.7	46.0	46.0	46.2	46.2	46.2	46.5
≥ 16000	34.5	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	46.8	47.0
≥ 14000	35.0	38.2	41.8	44.1	45.1	45.9	47.0	47.5	47.6	48.1	48.4	48.4	48.6	48.6	48.6	48.8
≥ 12000	35.5	38.3	45.9	47.3	48.3	49.1	50.2	50.8	50.9	51.3	51.6	51.6	51.8	51.8	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	55.2	55.4
≥ 9000	43.5	47.3	51.0	52.5	53.4	54.3	55.4	55.9	56.0	56.5	56.8	56.8	57.1	57.1	57.1	57.3
≥ 8000	47.6	51.2	54.9	56.3	57.3	58.2	59.2	59.8	59.9	60.3	60.6	60.6	61.0	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	63.7	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	68.7	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	74.1	74.3
≥ 4500	61.9	66.6	70.3	71.8	72.9	74.0	75.1	75.7	75.8	76.2	76.7	76.7	77.1	77.1	77.1	77.3
≥ 4000	64.1	69.9	73.9	74.5	75.7	76.8	78.0	78.6	78.7	79.1	79.8	79.8	80.2	80.3	80.3	80.5
≥ 3500	65.2	70.2	74.4	76.0	77.4	78.6	79.8	80.4	80.5	81.2	81.6	81.6	82.0	82.2	82.2	82.4
≥ 3000	65.8	71.8	76.0	78.0	79.7	81.9	82.0	82.7	82.8	83.4	84.0	84.0	84.4	84.5	84.5	84.7
≥ 2500	66.5	72.3	77.0	78.9	80.9	82.1	83.3	84.2	84.3	84.9	85.5	85.5	85.9	86.0	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	87.3	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	87.5	87.7
≥ 1500	66.8	72.5	78.2	80.1	82.4	83.7	85.5	86.8	87.2	88.0	88.6	88.6	89.0	89.1	89.1	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	89.5	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	91.5	91.7
≥ 900	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	91.5	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	91.6	92.2	92.3	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	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	93.1	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	94.4
≥ 400	66.9	73.1	78.6	80.6	83.1	84.4	86.5	88.6	89.1	91.1	92.6	93.2	94.3	94.5	94.7	95.4
≥ 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	96.8
≥ 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	96.4	97.4
≥ 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 NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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)

18,0-2CCC

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥7	≥1	≥1	≥1	≥	≥	<	≥5/16	≥	≥0
NO CEILING	[illegible]	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	[illegible]	37.[illegible]	41.5	41.7	43.1	43.1	43.3	43.4	43.4	43.5	43.8	43.8	43.8	43.8	43.9	44.3
≥ 18000	[illegible]	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	[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	[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	[illegible]	43.5	47.8	49.[illegible]	[illegible]	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	[illegible]	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	47.3	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	[illegible]	[illegible]	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	[illegible]	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	66.3	72.1	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	[illegible]	[illegible]	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	[illegible]	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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	66.8	75.6	83.0	85.3	87.6	87.7	88.5	89.0	[illegible]	89.7	90.1	90.2	90.3	90.3	90.4	90.9
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 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 NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] HILL AFB UT STATION NAME 74-81 YEARS DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] HOUR (LST)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
≥ 22000	35.4	41.9	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
	36.2	42.1	43.8	44.8	45.3	45.8	46.0	46.2	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.7
18000	37.5	43.0	45.7	46.7	47.1	47.1	47.2	47.5	47.5	47.8	47.8	47.8	47.8	47.8	47.8	48.1
16000	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
14000	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
12000	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	67.0	68.0	71.6	72.6	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	74.1	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	75.3	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	86.6	75.5	78.9	80.1	80.5	80.5	81.1	81.6	81.6	82.0	82.0	82.0	82.2	82.2	82.3	82.6
3000	87.6	77.2	80.8	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	88.4	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	88.4	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	89.4	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	89.5	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	89.6	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	89.6	80.1	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	89.6	80.0	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	89.6	80.1	85.1	87.2	88.6	89.0	89.9	91.0	91.2	91.9	92.5	92.5	92.6	92.6	92.7	93.1
700	89.6	80.0	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	89.6	80.1	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	89.6	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	89.6	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	89.6	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	89.6	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	89.6	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	89.6	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	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

1
2

...GAL CLIMATOLOGY BRANCH
...ETAC
...AT-S... 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	≥¼	≥5/16	≥0	
NO CEILING	38.4	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	40.0	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	56.3	56.6	57.0	57.2	57.2	57.5	57.7	57.7	57.8	57.8	57.9	58.2
≥8000	48.4	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	50.0	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	53.1	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	76.7	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	69.6	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
≥1600	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
≥1400	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
≥1200	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
≥1000	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
≥900	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
≥800	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
≥700	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
≥600	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
≥500	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	94.3	94.7	95.4
≥400	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
≥300	69.9	78.7	83.2	84.9	86.8	87.2	88.9	90.2	90.7	92.6	94.3	94.7	95.6	96.0	96.4	97.2
≥200	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
≥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 7448

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

2

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

CEILING VERSUS VISIBILITY

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

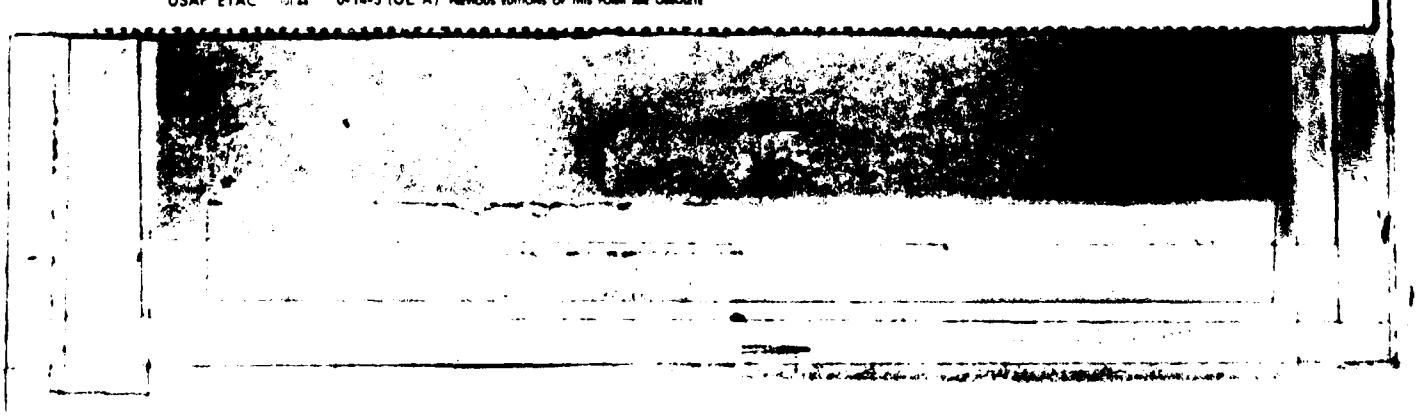
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	0
≥ 22000	57.3	58.6	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
≥ 18000	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
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	73.1	73.6	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
≥ 6000	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
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	85.8	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
≥ 3000	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
≥ 2500	88.5	89.4	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
≥ 2000	88.1	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
≥ 1800	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
≥ 1500	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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	97.0	97.1	97.2
≥ 500	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
≥ 400	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
≥ 300	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
≥ 200	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
≥ 100	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
≥ 0	87.0	91.0	93.0	93.8	94.8	95.0	95.8	96.5	96.7	97.5	98.2	98.3	98.7	98.9	99.1	99.5
	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
	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 AT MAY STATIONS THE AMOUNT OF CLEAR, SCATTERED, BROKEN, OVERCAST, & O SOURCED DATA 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

O SOURCED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

[illegible] HILL AFB UT 75-84 JAN
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		
JAN	[illegible]-02	15.6			15.6						14.9	53.9	7.2	924
	03-05	15.5			13.9						16.1	54.6	7.3	922
	06-08	9.7			14.9						25.8	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	8.1	928
	15-17	2.4			18.9						24.5	52.3	8.2	926
	18-20	6.3			2 .6						27.0	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 AUG 64 8-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	24.4			20.7						17.8	37.6	6.[illegible]	837
	03-05	22.7			14.6						20.4	40.3	6.4	843
	06-08	12.7			22.7						25.4	39.3	6.9	843
	09-11	7.6			16.6						32.3	43.7	7.6	832
	12-14	5.6			14.9						30.3	44.4	7.8	824
	15-17	5.4			18.7						27.3	47.7	7.8	822
	18-20	7.7			25.1						27.8	39.4	7.2	834
	21-23	16.[illegible]			25.8						20.1	38.[illegible]	6.4	836
TOTALS		12.8			21.1						25.2	40.9	7.0	6671

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

[redacted] HILL AFB UT 75-84 MAR
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		
MAR	00-02	19.6			22.7						19.5	38.2	6.3	927
	03-05	18.6			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						24.5	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 AWS 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAPETAC
AIR WEATHER SERVICE/MAC

SKY COVER

[illegible] HILL AFB UT | 75-84 | APR
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		
APR	00-02	24.3			26.1						19.8	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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

[illegible] STATION | HILL AFB UT STATION NAME | 75-84 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		
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	18.9			29.0						23.8	30.4	6.6	930
	09-11	9.3			31.4						30.8	30.5	6.7	930
	12-14	5.3			33.7						31.2	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

GLOBAL CLIMATOLOGY BRANCH
USAPETAC
AIR WEATHER SERVICE/MAC

SKY COVER

[redacted] STATION | HILL AFB UT STATION NAME | 74-83 PERIOD | JUN 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		
JUN	[illegible]-02	36.2			33.9						20.0	10.0	3.8	900
	03-05	31.[illegible]			38.1						21.3	9.6	4.[illegible]	900
	06-08	27.8			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 AUG 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

[redacted] HILL AFB UT 74-91 JUL
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		
JUL	00-02	42.[illegible]			29.5						19.7	8.8	3.5	930
	03-05	33.8			38.1						20.8	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	13.7			67.4						18.1	5.8	4.1	930
	15-17	8.8			62.5						23.[illegible]	5.7	4.5	930
	18-20	13.5			51.3						27.0	8.2	4.8	930
	21-23	29.5			4 .1						22.7	8.7	4.1	930
TOTALS		23.3			47.7						21.7	7.4	4.1	7440

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

[illegible] 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	[illegible]-02	39.5			31.4						18.7	10.4	3.7	930
	[illegible]-05	36.[illegible]			34.3						20.2	9.5	3.9	930
	06-08	24.[illegible]			44.7						23.1	8.2	4.2	930
	09-11	23.[illegible]			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.[illegible]	8.[illegible]	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

[illegible] HILL AFB UT — 74-83 — SEP
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		
SEP	00-02	50.9			2 .6						14.0	12.6	3.3	900
	03-05	49.7			24.3						17.3	14.	3.7	900
	06-08	32.2			32.9						27.	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			46.9						21.1	11.6	4.4	900
	18-20	28.			39.7						19.4	11.9	4.1	900
	21-23	49.			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

72-75 | 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						13.8	20.6	3.8	930
	6-08	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 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

[illegible] HILL AFB UT — 74-81 — NOV
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		
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						22.8	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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

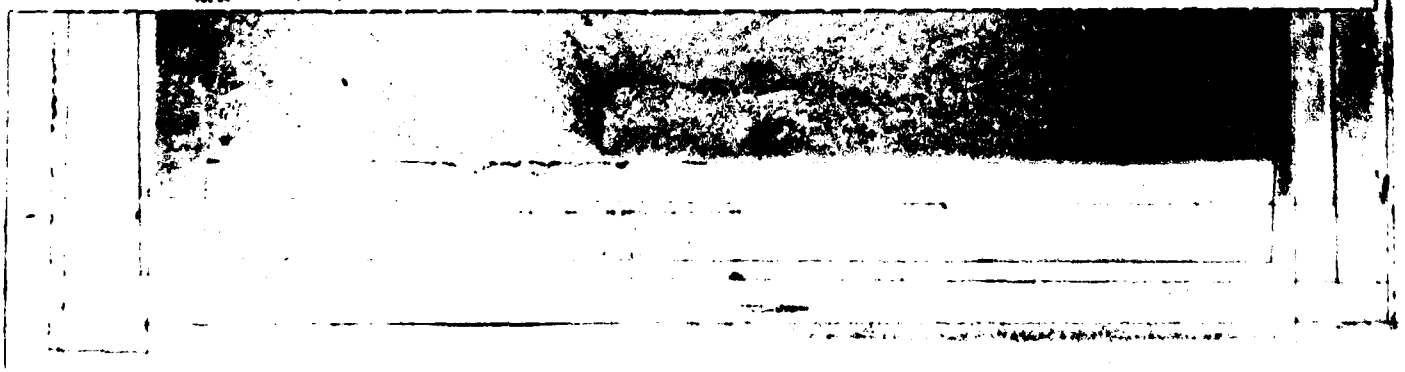
SKY COVER

[redacted] HILL AFB UT 74-83 DEC
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		
DEC	00-02	22.2			2[illegible].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			2[illegible].2						21.8	42.1	6.8	921
	09-11	6.3			21.[illegible]						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						3[illegible].2	46.[illegible]	7.9	916
	18-20	12.5			19.4						24.[illegible]	44.[illegible]	7.1	911
	21-23	19.1			18.1						2[illegible].[illegible]	42.8	[illegible].6	918
TOTALS		13.8			19.5						23.3	43.3	7.0	7351

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

42-755 HILL AFB UT 74-94 ALL
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		
JAN	ALL	8.4			17.7						21.5	52.5	7.7	7392
FEB		12.9			21.1						25.2	40.9	7.0	6671
MAR		9.5			23.9						25.5	41.2	7.1	7428
APR		12.6			27.2						25.2	35.0	6.6	7200
MAY		11.2			31.3						28.2	29.4	6.4	7433
JUN		21.4			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		30.6			30.0						20.0	19.3	4.6	7440
NOV		17.9			26.8						22.8	32.5	6.1	7193
DEC		13.9			19.5						23.3	43.3	7.0	7351
TOTALS		18.9			30.5						23.2	27.8	5.9	87393

USAFETAC FORM JUN 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

E

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
[illegible]55 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	75.1
40	26.2	46.2	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	67.5	77.1	87.7	85.4	74.9	61.5	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
[illegible] HILL AFB UT 41-84
STATION STATION NAME YEARS

DAILY TEMPERATURES

MINIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]							1.3	.1					.1
70						2.0	12.7	6.4	.3				1.8
65					.4	10.7	46.1	35.5	5.0	.1			8.2
60					4.1	26.7	82.4	73.7	19.3	.7			17.3
55			.1	1.5	16.8	51.8	96.3	91.0	44.7	3.4			25.4
50			.7	6.8	39.1	74.9	99.7	97.0	68.8	18.1	.4		33.7
45	.1	.4	2.4	19.1	62.2	92.0	100.0	99.5	85.4	41.2	3.8	.5	42.1
40	1.3	3.8	11.6	40.9	83.2	98.9		99.9	94.1	67.1	15.4	2.5	51.5
35	7.5	14.0	30.0	64.7	94.4	100.0		100.0	99.3	86.2	36.2	9.3	61.7
33	13.4	20.3	39.2	76.0	97.2				99.8	91.0	46.3	13.1	66.3
30	23.2	33.7	57.1	91.6	99.4				99.9	96.9	61.1	26.1	74.0
25	39.1	54.7	77.6	98.9	99.9				100.0	99.5	81.0	48.7	83.2
20	58.6	72.6	90.2	99.8	100.0					100.0	92.5	72.0	90.4
15	74.0	85.2	96.9	100.0							97.5	87.5	95.0
10	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
0	97.2	98.9	100.0									99.5	99.6
-5	99.5	99.9									99.9	99.9	99.9
-10	99.8	100.0									100.0	100.0	100.0
-15	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	7.339	6.999	9.493	7.940	7.194	8.039	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		45.0
55		.2	2.5	20.8	63.1	91.1	100.0	99.5	86.3	41.7	2.1		62.2
50		1.7	9.7	39.3	79.3	97.6		100.0	94.1	63.0	10.9	.7	69.6
45	2.1	7.7	24.2	62.1	91.1	99.7			98.4	79.9	27.3	2.8	77.9
40	9.3	20.5	45.2	81.8	97.6	100.0			99.8	92.6	49.5	12.4	87.3
35	24.6	41.3	67.4	94.7	99.6				100.0	98.1	67.9	29.3	96.7
30	43.4	62.0	84.9	99.5	100.0					99.6	84.8	54.2	99.6
25	63.1	78.6	94.5	100.0						100.0	95.1	77.0	100.0
20	79.5	89.7	98.5								98.6	90.2	100.0
15	89.6	97.1	99.9								99.7	96.1	100.0
10	95.5	99.0	100.0								99.8	98.8	100.0
5	98.4	99.7									99.9	99.7	100.0
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	9.069	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	1197	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)

[redacted] 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
[redacted]										69	65	56	
[redacted]	47	40	62	76	85	90	98	97	9[redacted]	8[redacted]	64	51	98
[redacted]	54	55	73	79	88	90	98	94	87	79	62	44	98
[redacted]	38	49	55	70	83	94	93	92	88	79	58	48	94
[redacted]	5[redacted]	52	62	76	78	86	96	93	89	78	66	51	96
[redacted]	47					90	97	96	85	67	53	58	
47	48	55	64	7[redacted]	87	88	96	92	91	77	68	46	96
[redacted]	5[redacted]	55	64	78	86	92	95	94	92	8[redacted]	59	48	95
[redacted]	[redacted]	43	67	78	84	88	97	96	88	75	6[redacted]	52	97
[redacted]	5[redacted]	62	62	74	92	92	95	93	93	77	60	49	95
[redacted]	48	61	63	7[redacted]	85	86	97	93	85	73	58	48	97
[redacted]	42	43	55	79	84	92	95	92	89	77	56	45	95
[redacted]	54	62	71	78	77	94	97	92	89	81	68	46	97
[redacted]	[redacted]	56	64	75	9[redacted]	96	10[redacted]	99	89	8[redacted]	67	53	100
[redacted]	44	44	65	75	84	95	98	95	93	79	59	55	98
[redacted]	[redacted]	49	72	72	89	98	97	95	91	82	63	[redacted]	98
[redacted]	46	58	69	68	79	91	94	94	89	83	53	52	94
[redacted]	46	65	6[redacted]	74	91	99	95	97	9[redacted]	81	70	55	99
[redacted]	56	[redacted]	63	81	95	95	98	95	92	75	62	51	98
[redacted]	46	[redacted]	7[redacted]	78	89	92	99	94	85	78	64	52	99
[redacted]	49	59	66	73	84	98	96	93	84	73	54	49	98
[redacted]	[redacted]	56	67	73	82	93	95	96	87	79	63	[redacted]	96
[redacted]	[redacted]	61	69	75	8[redacted]	94	99	97	97	8[redacted]	61	38	99
[redacted]	42	44	64	70	84	90	97	93	87	77	62	56	97
[redacted]	49	56	69	73	79	87	92	92	78	78	67	49	92
[redacted]	46	45	68	72	85	92	96	93	87	70	65	52	96
[redacted]	48	56	64	67	87	89	97	98	93	8[redacted]	66	45	98
[redacted]	45	59	70	76	84	97	100	93	89	75	62	[redacted]	100
[redacted]	52	44	73	76	85	91	104	101	89	71	64	59	104
[redacted]	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 [redacted] 0-88-3 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

12,755 STATION — HILL AFB UT STATION NAME — 41-84 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
7	55	54	66	74	84	101	100	95	85	72	62	49	101
7	5	65	71	71	83	89	99	95	83	76	58	52	99
77	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
75	47	49	62	4	79	85	93	93	89	87	60	5	93
76	43	52	64	7	83	94	96	95	89	81	65	47	96
77	4	55	66	79	9	91	96	93	93	73	63	53	96
7	43	52	7	7	83	98	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	5	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	15664

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-3 (OL-A)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

[redacted] 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
41										31	12	11	
42	-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	41	40	19	15	3
45	16	14	17	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	-6	17	26	31	37	49	52	36	35	16	21	-6
51	-6	-5	14	30	33	40	52	52	39	30	13	-2	-6
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	11	32	31	39	50	59	41	32	-6	13	-6
56	-4	-4	11	24	35	45	56	49	39	23	12	2	-4
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	-3
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	32	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 0-80-8 (OL-A)

(AT LEAST ONE DAY LESS THAN 24 OBS)

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23755 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-	-9	4	6	25	37	43	55	59	33	21	21	5	-9
7-	-2	1	20	27	28	47	53	49	36	23	19	-9	-9
73	-4	12	24	23	35	40	54	53	41	28	17	8	-4
74	-1	8	10	31	36	44	53	52	38	35	24	2	-1
75	-1	2	11	17	29	42	52	47	43	24	13	10	-1
76		11	9	28	42	37	51	49	44	32	13	15	1
77	6	14	18	25	34	56	58	49	41	35	15	12	6
7-	15	16	22	32	29	44	53	47	34	35	11	2	0
79	-2	8	15	26	34	39	56	55	47	30	8	13	-2
8	8	11	20	27	35	40	56	44	39	31	18	13	8
8	12	11	28	28	36	44	53	55	36	27	23	16	11
8	-3	-3	22	24	35	42	54	61	38	29	20	9	-3
8	11	2	23	27	32	47	48	57	36	29	16	3	2
84	-2	10	17	24	34								
MEAN	3.1	8.3	16.1	26.9	33.5	42.5	53.7	51.4	39.1	30.1	16.4	8.1	.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	6.203	5.758
TOTAL OBS	1333	1187	1302	1260	1302	1260	1294	1292	1230	1296	1260	1302	15298

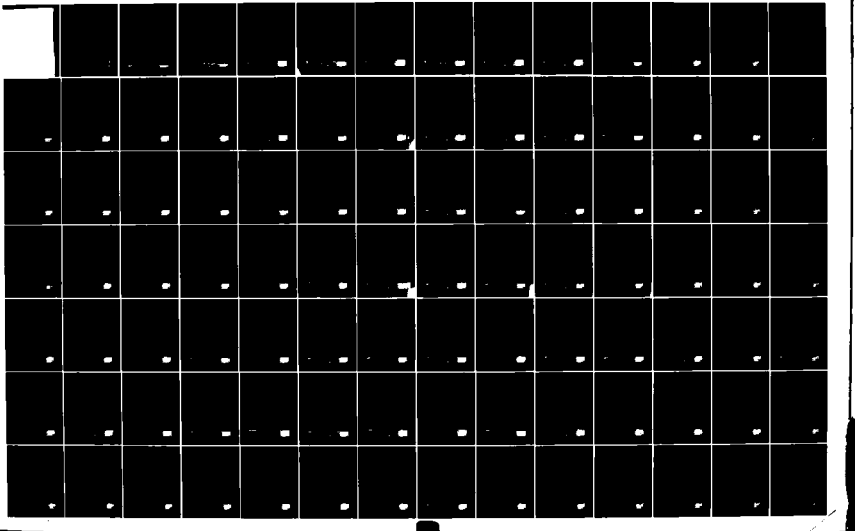
NOTES * (BASED ON LESS THAN FULL MONTHS)

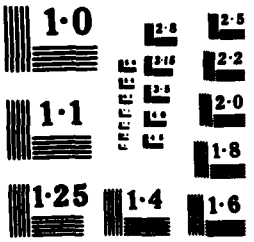
USAF ETAC FORM AS 0-88-5 (OLA)

(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




1·0
1·1
1·25
1·4
1·6
1·8
2·0
2·2
2·5

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 1 0000-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
48/ 47			.1	.	.2													6	6		
46/ 45				.4	.1	.1												4	4	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	.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)	Σx^1	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												

FORM 88-64 0-26-3 (OL A) USAFETAC 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)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	6.6	5.4	35.5	[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.	8698224	69996	69.9	12.989	930							
Dry Bulb	718223	24509	26.4	8.823	930	.1	70.3					93
Wet Bulb	584109	22811	23.7	8.245	930	1.2	80.3					93
Dew Point	380872	16280	17.5	8.383	930	4.8	89.9					93

FORM AS 64 0-26-5 (OL A) USAFETAC 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)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
49/ 47					.1													1	1		
46/ 45				..	.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		1.8	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	6
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..	.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	5.	76	78
20/ 19	.1	3.2	1.7															47	47	58	112
18/ 17	.4	2.8	.9															34	34	47	78
16/ 15	.5	2.6	1..															38	38	40	72
14/ 13	.1	2.9	1.3															45	45	33	47
12/ 11		2..	.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)	$\Sigma_{X'}$	Σ_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.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) 80-64 REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
TOTAL	5.6	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.	4686213	44875	49.8	3.048	930							
Dry Bulb	692153	21985	25.7	9.023	930	.5	70.1					93
Wet Bulb	863959	21500	23.1	8.385	930	1.6	80.4					93
Dew Point	3885869	18696	26.9	10.909	930	7.8	89.9					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 STATION | HILL AFB UT STATION NAME | 75-84 YEARS | JAN MONTH

PAGE 1 CARD-CARD HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
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	24	45	
10/ 9		2.5	.2															25	25	43	46	
8/ 7		.9	.5															13	13	23	42	
6/ 5		.1	.1															11	11	12	13	
4/ 3		.8																7	7	13	24	
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																					1	
-18/-19																					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	≥ 90 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72575 HILL AFB UT 75-84 JAN
STATION STATION NAME YEARS MONTH

PAGE 2 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	5.	67.	129.	9.	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.	9628415	64911	69.8	13.035	930							
Dry Bulb	660391	23239	25.0	9.289	930	1.0	71.8					93
Wet Bulb	539203	20871	22.4	8.725	930	1.1	81.8					93
Dew Point	350884	15039	16.2	10.735	930	9.1	90.9					93

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

725755 HILL AFB UT 75-84 JAN

STATION STATION NAME YEARS MONTH

PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
52/ 51					.7													2	2		
50/ 49						.1												1	1		
48/ 47						.1												1	.		
46/ 45						.2												2	2		
44/ 43			.1	.4	.8	.1												10	10	2	
42/ 41		.2	.4	.6	.5													18	18	1	
40/ 39		.6	.8	.8	.5													25	25	8	1
38/ 37		1.0	1.1	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
32/ 31	.6	4.5	4.4	2.4														111	111	74	60
30/ 29	.1	2.1	3.1	1.1														59	59	86	33
28/ 27	.9	6.2	3.1	.8														102	102	84	45
26/ 25	.6	3.1	3.3	.4														70	70	115	67
24/ 23	.3	3.3	2.6	.4														62	67	84	48
22/ 21		3.3	1.9	.3														51	51	71	63
20/ 19	.5	4.1	2.1	.2														63	63	64	122
18/ 17	.4	1.8	1.1															28	28	53	79
16/ 15		2.7	1.3															37	37	34	73
14/ 13	.4	1.4	.9															25	25	36	53
12/ 11	.1	1.6	1.															25	25	21	56
10/ 9		1.2	1.1															21	21	28	32
8/ 7		.4	.2															8	8	20	28
6/ 5		.8	.1															5	5	14	19
4/ 3		.6																6	6	6	30
2/ 1		.5																5	5	4	17
0/ -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	≥ 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

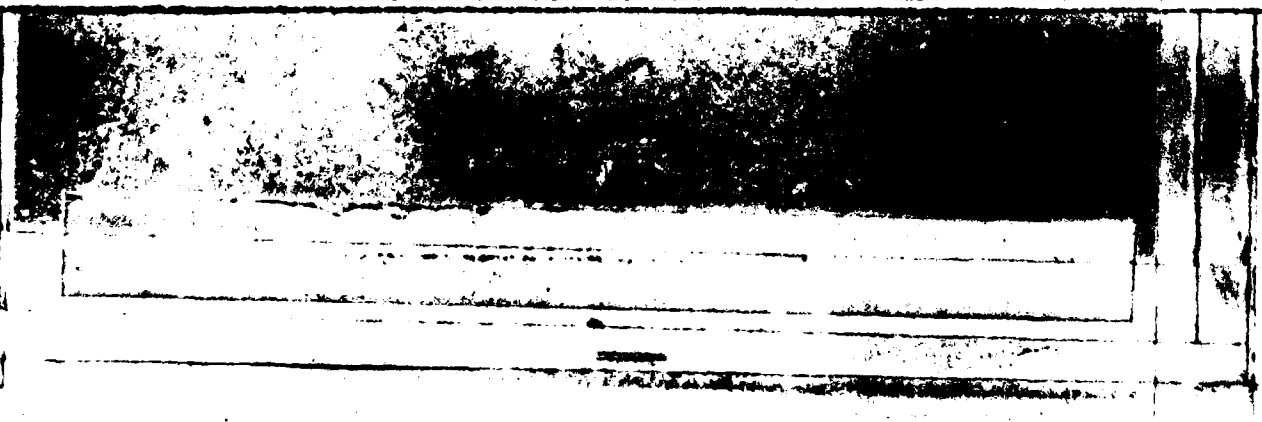
725755 (STATION) HILL AFB UT (STATION NAME) 75-84 (YEARS) JAN (MONTH)

PAGE 2 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-[illegible]/-97																					2
-[illegible]/-[illegible]																					1
TOTAL	4.4	46.9	37.7	3.4	3.2	.3												93C	93C	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	≥ 88 F	≥ 93 F	Total
Rel. Hum.	6593033	61796	66.6	13.398	93C							
Dry Bulb	728515	24665	26.5	8.997	93C	.5	68.3					93
Wet Bulb	588990	22014	23.7	8.323	93C	1.0	80.9					93
Dew Point	371863	16977	17.2	10.239	93C	7.5	90.0					93

USAFETAC FORM 0-26-5 (OL A) 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 | 1200-1800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]					•													1	1		
[illegible]				•		• 1												2	2		
[illegible]					• 3	• 2												5	5		
[illegible]					• 1	• 2												3	3		
[illegible]			• [illegible]	• 1	• 2	• 6	• 2											12	12	2	
[illegible]		• [illegible]	• 1	• 2	• 4	• 4												13	13		
[illegible]		• 3	1.2	1.3	• 9	• 3												37	37	11	
[illegible]		• [illegible]	1.9	2.	1.5	• 3												59	59	16	9
[illegible]		[illegible]	2.4	2.8	• 8													64	64	22	9
[illegible]		2.3	3.2	2.4	• 9													81	81	57	6
[illegible]		2.8	2.9	2.8	• 2													77	77	85	.6
[illegible]	• 9	3.9	6.1	2.3	• 1													123	123	104	65
[illegible]	• 6	2.3	3.9	2.5														86	86	93	56
[illegible]	• 3	3.8	3.7	1.8														89	89	115	51
[illegible]	• 1	[illegible]	3.1	• 3														63	63	98	72
[illegible]	• 4	1.8	1.2	• 1														30	30	86	48
[illegible]	• 0	2.2	2.8															52	52	65	90
[illegible]		2.2	2.2															40	40	43	117
[illegible]		1.6	1.7															31	31	36	88
[illegible]		1.8	1.6															28	28	44	
[illegible]		• 9	• [illegible]															13	13	31	38
[illegible]		• 4	• 4															8	8	18	57
[illegible]		• [illegible]	• 3															8	8	9	34
[illegible]		• 1																1	1	11	33
[illegible]		• 2	• 1															3	3	3	14
[illegible]		• 1																1	1	2	.6
[illegible]																				1	21
[illegible]																					10
[illegible]																					6
[illegible]																					7
[illegible]																					8
[illegible]																					3
[illegible]																					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	≥ 92 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | HILL AFB UT STATION NAME | 75-84 YEARS | JAN MONTH

PAGE 2 | 1200-1800 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	2	31	32	28	5	2	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.	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	3.1	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

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

PAGE 1
1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	D	TAL Wet Bulb	Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31					
[illegible]																

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
TOTAL	[illegible]																		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.	427145[illegible]	6[illegible]8[illegible]0	66.5[illegible]	13.317	93[illegible]							
Dry Bulb	916735	28251	30.4	7.939	93[illegible]		54.7					93
Wet Bulb	719614	25[illegible]0	26.9	7.156	93[illegible]		71.0					93
Dew Point	447620	18656	20.1	8.887	93[illegible]	2.9	88.8					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

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

PAGE [illegible] HOURS (L. S. T.) 1800-2400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]					.4													1			
[illegible]					.4	.2												6	6		
[illegible]					.7													3	3		
[illegible]		.1	.1	.6	.9	.2												21	21		
[illegible]	.1	.1	.2	.5	.6													15	15	5	1
[illegible]	.1	.2	.6	.8	1.1	.2												29	29	16	3
[illegible]		.9	2.9	.6	.2													43	43	17	2
[illegible]	.1	3.1	2.7	1.7	.1													72	72	40	4
[illegible]	.9	3.5	3.7	1.8														92	92	80	25
[illegible]	1.	4.5	5.7	1.4														117	117	85	48
[illegible]	1.1	2.4	5.6	2.														103	103	104	59
[illegible]	.6	2.7	3.2	1.														75	75	87	77
[illegible]	.1	5.7	2.5	1.2														88	88	119	69
[illegible]	.9	2.7	1.2	.2														41	41	98	32
[illegible]	.6	2.7	1.5															51	51	68	99
[illegible]	.3	1.2	2.3	.1														57	57	47	128
[illegible]	.1	2.3	1.7															34	34	39	109
[illegible]		.9	1.2															29	29	41	42
[illegible]		.1	.2															1	11	31	43
[illegible]		.1	.4															13	13	15	45
[illegible]		.6	.2															7	7	13	29
[illegible]	.2	.6	.1															10	10	16	32
[illegible]		.2	.2															6	6	16	21
[illegible]		.5	.1															5	5	5	29
[illegible]																				6	9
[illegible]																					10
[illegible]																					9
[illegible]																					8
[illegible]																					6
[illegible]																					2
[illegible]																					1
[illegible]																					1
[illegible]																					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	≥ 88 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 2 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	6	[illegible]	36	32	3	1												93	93	93	93

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.	9656641	64547	69.4	13.793	930							
Dry Bulb	799791	26105	28.1	8.171	930		64.8					93
Wet Bulb	691828	23404	25.2	7.593	930		77.8					93
Dew Point	613177	17577	18.9	9.338	930	3.9	89.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AI- WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

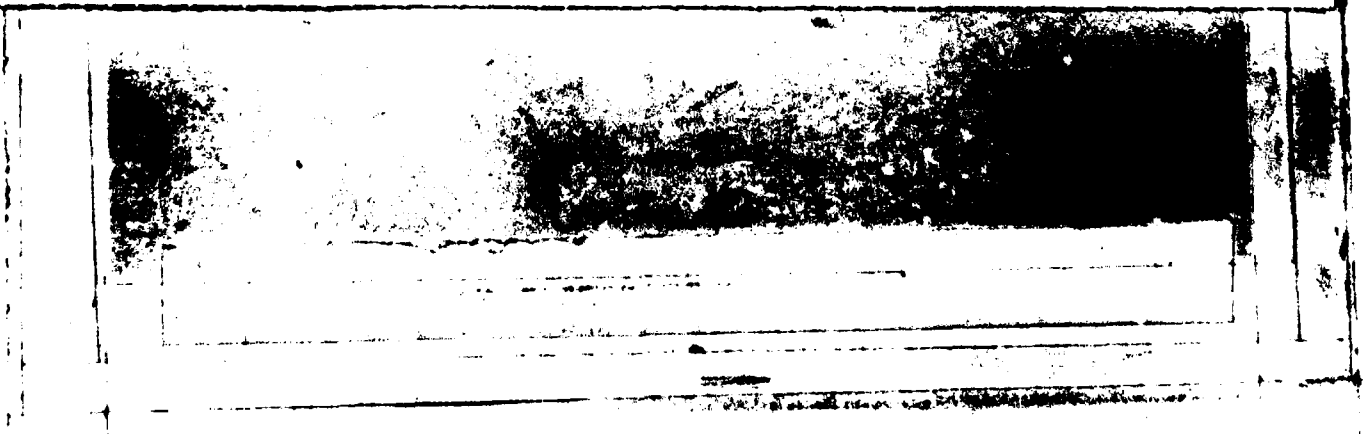
25705 HILL AFB UT 75-84 JAN
STATION STATION NAME YEARS MONTH

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 O.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-/ 87																		3	3		
-/ 83																		1	1		
-/ 79				.4	.2	.0	.0											27	27	3	1
-/ 75				.4	.4	.2	.1											12	12	3	2
-/ 71			.1	.6	.6													13	13	5	
-/ 67			.4	.6	1.0													41	41	12	3
-/ 63		.1	2.6	3.6	1.7													69	69	33	4
-/ 59		1.2	2.8	3.9	1.2													90	90	83	22
-/ 55		.1	3.4	3.2	1.0													122	122	67	42
-/ 51		.5	3.2	3.5	1.3													80	80	94	58
-/ 47		1.7	3.5	3.6	1.4													91	91	122	68
-/ 43		.1	4.2	4.0	.4													83	83	92	71
-/ 39		.4	3.2	1.6	.4													52	52	88	41
-/ 35		.6	3.3	1.4														49	49	84	95
-/ 31		.1	3.6	1.7														54	54	47	116
-/ 27		.4	3.0	1.3	.4													47	47	93	81
-/ 23			2.7	.6														34	34	42	61
-/ 19			1.6	.2														18	19	91	45
-/ 15			.9	.2														10	10	22	45
-/ 11		.1	.6	.4														11	11	12	42
-/ 7			.6	.2														9	9	9	29
-/ 3			.4															4	4	10	19
+/ 1		.1	1.0	.4														14	14	5	25
+/ 5																				13	22
+/ 9																					12
+/ 13																					6
+/ 17																					7
+/ 21																					14
+/ 25																					1
+/ 29																					2
+/ 33																					1
+/ 37																					4
TOTAL	5.7	41.5	47.4	4.0	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	9.691	930	4.7	89.8					93

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

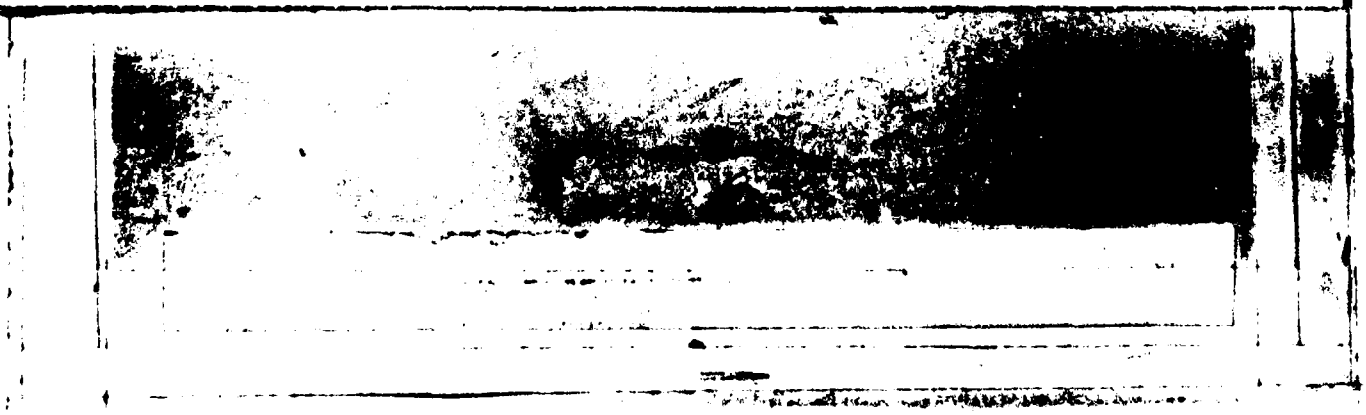
725755 STATION | HILL AFB UT STATION NAME | 75-84 YEARS | JAN MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
54 / 53					•0													1	1		
52 / 51				•1	•2	•1	•0											5	5		
50 / 49					•1	•1												14	14		
48 / 47			•	•0	•1	•1												26	26		
46 / 45		•0	•1	•2	•2	•1	•0											42	42	3	
44 / 43		•1	•2	•4	•4	•4												109	109	5	1
42 / 41	•	•1	•6	•8	•6	•1												162	162	32	7
40 / 39	•1	•3	1•1	1•1	•6	•1												236	236	56	12
38 / 37	•	•9	2•	1•2	•7													319	319	136	24
36 / 35	•1	2•0	2•3	1•8	•3													580	580	318	45
34 / 33	•6	3•0	2•9	2•6	•1													692	692	633	172
32 / 31	•7	4•1	3•5	1•9	•													913	913	594	846
30 / 29	•5	2•4	3•5	1•4	•													585	585	726	401
28 / 27	•7	4•7	3•1	1•4														738	738	796	496
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•2	1•9	•1														414	414	572	697
20 / 19	•2	3•2	1•9	•1														399	399	466	963
18 / 17	•2	2•4	1•4	•														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	•	1•2	•4															116	116	163	295
8 / 7	•	•7	•2															69	69	114	298
6 / 5	•	•3	•1															32	32	75	181
4 / 3	•	•6	•2															56	56	96	177
2 / 1	•	•6																39	39	51	164
0 / -1	•0	•2																21	20	40	133
-2 / -3		•1																1	1	11	91
-4 / -5																					62
-6 / -7																					6
-8 / -9																					36
-10 / -11																					19
-12 / -13																					15

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	≥ 88 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 84 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 | 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	511044	68.7	13.388	744C							
Dry Bulb	6156171	203817	27.4	8.774	744C	2.1	525.4					744
Wet Bulb	4939365	182018	24.5	8.086	744C	5.1	625.1					744
Dew Point	3149225	139195	18.7	9.898	744C	65.5	717.9					744

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

[redacted] STATION | HILL AFB UT STATION NAME | 75-84 YEARS | FEB MONTH

PAGE | 0000-2200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 50						.1												3	3		
51 / 46						.1		.2										3	3		
49 / 47						.1	.1	.1										3	3		
48 / 45				.2	.5	.6	.1											12	12		
44 / 43		.[illegible]	.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	.0													80	80	60	14
34 / 33	1.4	2.[illegible]	2.6	2.														66	66	46	28
[illegible] / 31	.4	4.[illegible]	5.6	7.1	.1													112	112	82	56
[illegible] / 29	.9	1.[illegible]	4.	.6														62	62	47	46
28 / 27	.6	2.8	2.2	.4														51	51	93	71
26 / 25	1.4	2.8	4.[illegible]	.2														72	72	84	73
24 / 23	.1	1.1	1.4															22	22	52	42
22 / 21	.1	3.2	2.[illegible]	.4														48	48	56	70
[illegible] / 19	.4	5.[illegible]	2.5															59	69	47	98
18 / 17		3.7	1.2															41	41	63	59
[illegible] / 15		1.6	.7															20	20	41	64
[illegible] / 13		.5	.4															7	7	23	52
12 / 11			.[illegible]															2	2	6	47
[illegible] / 9																				3	43
[illegible] / 7		.[illegible]	.4															5	5	2	28
6 / 5																				2	12
4 / 3		.2																2	2	3	17
[illegible] / 1		.5																4	4	2	3
[illegible] / -1																				4	
-2 / -3																					2
-4 / -5																					3
-6 / -7																					2
-8 / -9																					1
-12 / -13																					1
-14 / -15																					1
-16 / -19																					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
AIR 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)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	[illegible]	34.9	37.6	15.3	9.1	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	22963	26.5	7.486	849	.4	44.3					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

125755 STATION | HILL AFB UT STATION NAME | 75-84 YEARS | FEB MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
58/ 57						.1												1	1		
56/ 51						.1												1			
5 / 49						.1	.2	.4										6	6		
48/ 47			.1				.1											2	2		
46/ 45			.4			.2												5	5		
44/ 43			.8	.5	1.1	.1												17	17	2	
42/ 41		.5	.6	1.1	.9	.1												27	27	4	
40/ 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
30/ 29	1.2	3.1	5.3	.8														88	88	67	32
28/ 27	.5	3.7	2.6	.6														62	62	108	56
26/ 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
20/ 19	.2	4.2	2.5															59	59	82	100
18/ 17	.1	3.8	1.5															46	46	44	76
16/ 15		3.4	.6															37	37	51	51
14/ 13		1.6	.5															18	18	38	32
12/ 11		.5																4	4	18	48
10/ 9		.1																1	1	6	37
8/ 7		.1	.3															4	3	1	43
6/ 5		.1																1	1	2	19
4/ 3		.1																1	1	4	21
2/ 1		.6																5	5		7
0/ -1		.1																1	1	6	5
-2/ -3																					3
-4/ -5																					4
-12/-13																					1
-14/-15																					5
-16/-17																					2
-18/-19																					1
-20/-21																					1

Element (X)	Σ_X'	S_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) 84 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 | 75-84 YEARS | FEB MONTH

PAGE 2 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	5.2	30.8	36.0	13.4	3.9	.9	.4	.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.	9157635	58299	68.7	13.492	849							
Dry Bulb	773586	24562	28.9	8.639	849	.1	58.0					24
Wet Bulb	618933	21939	25.8	7.798	849							
Dew Point	397429	16529	19.5	9.956	849	2.1	77.8					24

FORM 0-20-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

 0400-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 81						.1												1	1		
[illegible] / 79								.2										2	2		
[illegible] / 77					.1		.1											5	5		
[illegible] / 75			.4	.2														5	5		
74 / 73			.5	.2	.9													14	14		
[illegible] / 71		.2	1.3	.5	1.1													26	26	5	
[illegible] / 69		.9	1.4	.9	.7	.1												34	34	11	
[illegible] / 67	.5	2.1	2.1	2.2	.7													65	65	33	12
[illegible] / 65	.2	1.8	3.8	2.1	.1													65	65	49	19
[illegible] / 63	1.2	1.9	2.7	2.4														66	66	63	25
[illegible] / 61	.2	3.3	6.1	1.3	.1													94	94	74	53
[illegible] / 59	.7	3.2	4.4	1.1														79	79	76	25
[illegible] / 57		4.7	2.2	.9														63	63	103	41
[illegible] / 55	.1	3.9	2.6	.9														59	59	89	70
[illegible] / 53	.2	1.9	2.1	.2														38	38	65	56
[illegible] / 51	.2	2.8	2.1	.1														45	45	37	68
[illegible] / 49	.1	3.7	2.6															54	54	51	108
[illegible] / 47	.1	2.7	1.2															34	34	52	66
[illegible] / 45		3.2	1.4															39	39	37	59
[illegible] / 43		3.5	.4															33	33	38	37
[illegible] / 41		1.2	.1															11	11	35	41
[illegible] / 39		.6																5	5	12	48
[illegible] / 37																				6	36
[illegible] / 35			.1															1	1		26
[illegible] / 33		.4	.1															4	4	1	22
[illegible] / 31		.2																2	2	5	21
[illegible] / -1		.4																3	3	2	5
[illegible] / -3		.2																2	2	4	5
[illegible] / -5																					1
[illegible] / -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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23075	HILL AFB UT	75-84	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE 2 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
-21/-25																						2
-16/-20																						1
TOTAL	3.7	42.3	37.2	12.1	3.9	.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 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 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
5[illegible]/ 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	.9	.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.[illegible]	3.1	2.9	.6													75	75	64	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														56	56	79	55	
28/ 27	1.2	2.7	2.2	.6														57	57	101	51	
26/ 25	.2	2.[illegible]	3.4	.6														53	53	73	77	
24/ 23		2.[illegible]	3.[illegible]															34	34	45	59	
22/ 21	.1	2.1	2.9	.1														45	45	52	76	
20/ 19	.1	3.[illegible]	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 0-26-5 (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 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
-15/-17																					2
-10/-12																					2
-05/-07																					1
TOTAL	3	129	436	207	85	77	30	12	6	3								309	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	19.193	849							
Dry Bulb	896536	26318	31.0	9.131	849	.2	46.0					84
Wet Bulb	691443	23099	27.2	7.909	849	.4	59.9					84
Dew Point	517663	17057	20.1	9.903	849	2.2	77.2					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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PSYCHROMETRIC SUMMARY

[redacted] HILL AFB UT — 75-84 — FEB

STATION — STATION NAME — YEARS — MONTH

PAGE — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 60																					
[illegible] / 59																					
[illegible] / 57																					
[illegible] / 56																					
[illegible] / 54																					
[illegible] / 5[illegible]																					
[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						
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

72575 STATION | HILL AFB UT STATION NAME | 75-84 YEARS | FEB 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
-- / -9																					.
/ -11																					2
-7 / -10																					1
-6 / -5																					2
TOTAL	2.	15.	73	226.	117.	63	34	11	5	4	1							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.	3268811	51071	60.2	15.229	849							
Dry Bulb	1190536	74179	35.5	8.982	849		32.3					84
Wet Bulb	830916	25862	30.5	7.130	849		98.0					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

[illegible] STATION | HILL AFB UT STATION NAME | 75-84 YEARS | FEB 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	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																		2	2		
[illegible]								.4		.1								4	4		
[illegible]							.1	.4										4	4		
[illegible]						.1	.4	.6	.4	.2								14	14		
[illegible]						.0	.4	.6	.2									14	14		
[illegible]						.7	1.6	.2										22	22		
5 / 49					.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	43	12	
[illegible]		.2	.7	2.7	2.4	.7												57	57	47	9
[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	.0
[illegible]	.4	1.2	1.5	3.1	.2													54	54	82	.9
34 / 33	.5	1.9	2.1	4.[illegible]	.1													76	76	118	38
[illegible]	.7	3.7	2.4	3.4	.1													93	93	73	80
[illegible]		.4	1.3	1.2														43	43	85	77
[illegible]	.[illegible]	2.1	3.4	.9														56	56	57	86
[illegible]		.6	2.1	.2														25	25	84	80
[illegible]	.4	.7	1.2															18	18	44	57
[illegible]		1.8	.9	.1														24	24	32	76
[illegible]	.[illegible]	1.[illegible]	.3	.1														23	23	24	93
[illegible]			.3	.2														6	6	18	58
[illegible]				.2														2	2	6	54
[illegible]			.1															2	2	5	57
1. / 11			.5															4	4	2	26
[illegible] / 9			.1															1	1	3	9
[illegible] / 7																				4	2
[illegible] / 6																				1	2
[illegible] / [illegible]																					3
[illegible] / [illegible]																					1
[illegible] / [illegible]																					2
[illegible] / [illegible]																					3
[illegible] / [illegible]																					2

Element (X)	Σx'	Σx	x̄	σx	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-11 / -7																					2
-8 / -9																					1
-10 / -11																					2
-12 / -13																					1
TOTAL	2.5	1.5	6.7	26.9	25.9	14.2	7.9	3.9	2.2	.6	.4	.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.	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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFG WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

726755 | HILL AFB UT | 75-84 | FEB
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 18°C-25°C HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 59										.1								1	1		
[illegible] / 55							.1											2	2		
[illegible] / 51							.1		.2									6	6		
[illegible] / 5						.1	.1											3	3		
5 / 49					.4	.6	.2											12	12		
4 / 47					1.3	.5	.4											21	21		
46 / 45			.4	.7	2.0	.8												35	35		
44 / 43			.4	2.1	2.1	.5												42	42	2	
42 / 41		.2	2.5	2.6	1.8	.7												66	66	17	
40 / 39		.6	2.4	3.2	1.8	.1												68	68	37	1
38 / 37		1.3	2.9	3.6	.7													75	75	83	6
36 / 35	.6	1.5	3.7	2.1	.6													71	71	87	.8
34 / 33	.6	2.1	2.7	2.1	.1													59	59	92	38
32 / 31	.6	2.2	3.5	1.8	.2													77	77	96	78
30 / 29	.8	1.9	4.2	1.1														68	68	74	80
28 / 27	.2	2.8	3.8	.6														59	59	67	89
26 / 25	.1	2.1	2.9	.2														46	46	77	69
24 / 23	.2	.9	1.6															24	24	61	60
22 / 21	.5	1.6	2.1	.1														36	36	81	85
20 / 19	.1	4.1	1.5	.1														99	99	35	82
18 / 17		1.8	.2															14	14	45	34
16 / 15		.1	.2															3	3	16	51
14 / 13			.3															4	4	4	47
12 / 11			.4															3	3	3	47
10 / 9			.5															4	4	2	31
8 / 7			.1															1	1	5	15
6 / 5			.2															2	2	2	4
4 / 3																				3	2
2 / 1																					2
0 / -1																					2
-2 / -3																					2
-4 / -5																					2
-6 / -7																					2
-8 / -9																					2
-10 / -11																					2

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 72 F	≥ 88 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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 | FEB MONTH

PAGE 2 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
-1 / -13																						2
-8 / -17																						2
-18 / -19																						1
TOTAL	3	23	36	99	110	39	14		2	1									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.	3767482	55184	65.4	19.593	849							
Dry Bulb	1000352	28240	33.3	8.700	849		38.6					849
Wet Bulb	766661	24761	29.2	7.295	849		82.5					849
Dew Point	4775506	18778	22.1	8.575	849	1.7	77.8					849

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 | FEB MONTH

PAGE [illegible] | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL O.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]																		2	[illegible]		
[illegible]																		3	[illegible]		
[illegible]						.4			.2									4	[illegible]		
[illegible]									.1									[illegible]	[illegible]		
[illegible]																		2	[illegible]		
[illegible]				.4	.4	.8	.7											19	19		
[illegible]				.4	1.1	1.6	.2											28	28	2	
[illegible]		.5	1.1	2.9	1.1	.5												51	51	8	
[illegible]		1.2	2.9	2.9	1.9	.5												80	80	14	
[illegible]		1.1	2.4	3.7	.5													64	64	50	8
[illegible]	.2	2.2	2.6	3.3	.1													72	72	79	21
[illegible]	.6	1.1	2.6	1.9														69	69	91	23
[illegible]	1.2	3.8	5.7	1.9	.2													105	105	104	69
[illegible]	.6	2.9	2.9	.7														55	55	84	50
[illegible]	.1	2.1	3.2	.7														52	52	98	89
[illegible]	.5	2.2	4.5	.4														62	62	57	76
[illegible]	.1	1.5	1.1	.4														26	26	65	52
[illegible]	.2	2.5	2.2															42	42	53	70
[illegible]		4.9	2.2															61	61	91	99
[illegible]	.4	2.1	.2															23	23	62	52
[illegible]		.8	.5															11	11	21	57
[illegible]		.4	.0															6	6	10	48
[illegible]			.0															2	2	6	45
[illegible]			.4															3	3	3	42
[illegible]			.2															2	2	2	19
[illegible]			.2															2	2	4	9
[illegible]			.2															2	2	3	5
[illegible]																				2	3
[illegible]																					1
[illegible]																					1
[illegible]																					3
[illegible]																					3
[illegible]																					3
[illegible]																					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

[redacted] HILL AFB UT 75-84 FEB
STATION STATION NAME YEARS 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
-/-15																					2
-/-17																					2
-/-19																					1
TOTAL	3.3	36.4	20.1	6.5	2.4	.2	.1	.4										849	849	849	849

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.	7964217	56719	66.8	9.366	849							
Dry Bulb	893649	26609	31.3	8.394	849		44.9					84
Wet Bulb	696784	23529	27.7	7.283	849		59.9					84
Dew Point	590984	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] STATION | HILL AFB UT STATION NAME | 75-84 YEARS | FEB MONTH

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 6											.0							3	7		
[illegible] / 59								.0		.0								6	6		
[illegible] / 57							.0	.1	.0	.0								11	11		
[illegible] / 55						.0	.1	.1	.1	.0								26	26		
[illegible] / 53						.1	.2	.1	.1									32	32		
[illegible] / 51					.0	.4	.4	.1	.0									60	60		
[illegible] / 49				.1	.3	.5	.3	.1										83	83		
[illegible] / 47			.1	.2	.7	.6	.3	.0										125	125	1	
[illegible] / 45			.0	.6	1.[illegible]	.7	.1											188	188	10	
[illegible] / 43		.1	.3	1.0	1.5	.8	.1											237	237	36	
[illegible] / 41		.5	1.[illegible]	2.[illegible]	1.4	.4												379	379	135	[illegible]
[illegible] / 39		.9	1.8	2.4	1.7	.7												471	471	295	17
[illegible] / 37	.1	1.2	2.1	3.[illegible]	.8	.[illegible]												534	534	427	67
[illegible] / 35	.4	1.9	2.8	2.4	.5													546	546	552	163
[illegible] / 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
[illegible] / 27	.4	2.3	2.8	.8														456	456	712	552
[illegible] / 25	.3	2.2	3.3	.4														423	423	624	603
[illegible] / 23	.2	1.3	1.6	.1														215	215	497	427
[illegible] / 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	.8	.[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		.[illegible]	.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
[illegible] / -5																					22

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) 84 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 | 75-84 YEARS | FEB MONTH

PAGE 2 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
-5/ -7																						9
-3/ -6																						8
-1/-11																						10
-1/-13																						9
-1/-15																						15
-1/-17																						7
-1/-19																						11
-1/-21																						3
-2/-23																						7
-2/-25																						1
TOTAL	3,[illegible]28	8,938	8,618	8,9	8,1	3,3	1,4	,5	,2	,1	,0								6792	6792		6792
																		6792			6792	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	30902574	443282	65.3	8.721	6792							
Dry Bulb	7491746	216040	31.8	9.241	6792	.8	352.3					672
Wet Bulb	5695287	189443	27.9	7.784	6792	2.0	661.3					672
Dew Point	3497622	141309	20.8	9.069	6792	19.7	622.9					672

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

[redacted] STATION | HILL AFB UT STATION NAME | 75-84 YEARS | MAR 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
[redacted]																		2			
[redacted]																		4			
[redacted]																		6			
[redacted]																		9			
[redacted]																		13			
[redacted]																		24			
[redacted]																		46			
[redacted]																		62			
[redacted]																		53			
[redacted]																		107			
[redacted]																		122			
[redacted]																		99			
[redacted]																		97			
[redacted]																		100			
[redacted]																		52			
[redacted]																		21			
[redacted]																		40			
[redacted]																		19			
[redacted]																		12			
[redacted]																		8			
[redacted]																		8			
[redacted]																		7			
[redacted]																		6			
[redacted]																		2			
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
TOTAL	0.3	17.8	32.3	25.6	13.7	3.9	2.0	.5	.3										930		930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Ref. Num.	40938C2	60IC7	64.6	5.023	930							
Dry Bulb	1243374	73278	35.8	7.529	930		28.5					93
Wet Bulb	986199	29117	31.3	6.102	930		51.9					93
Dew Point	597668	22626	24.3	7.128	930	.3	82.0					93

USAFETAC FORM 0-26-5 (OL A) 80-4 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24755 — STATION
HILL AFB UT — STATION NAME
75-84 — YEARS
MAR — 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
-/ 57									.1									1			
-/ 56					.1	.2			.1									4	4		
-/ 51						.1	.2	.1										4	4		
-/ 51						.2			.1									3	3		
-/ 49					.4	.2		.1										16	16		
-/ 47					1.3	.5	.1	.1										19	19	1	
48/ 45				.3	1.1	1.5	.1	.2										32	32	2	
49/ 47			.3	1.1	.9	2.5	.7											47	47	1	
-/ 48			.7	1.7	2.2	1.4	.4											56	56	25	1
4/ 79	.4	1.7	2.9	3.2	1.9	.7												94	94	47	6
-/ 77		2.3	2.9	3.5	1.2	.7												95	95	88	7
1/ 75	.2	1.6	4.1	2.9	1.0													109	109	78	33
3/ 73	.8	1.9	3.9	3.7														95	95	124	57
-/ 71	1.2	4.6	5.2	4.2														141	141	122	81
-/ 70	.5	.8	2.8	1.1														44	44	125	87
-/ 67	.4	1.1	3.2	.4														50	50	93	98
-/ 65		1.4	2.9	.3														38	38	71	106
-/ 63	.1	1.7	1.4															22	22	58	52
-/ 61		.6	.5															20	20	32	81
-/ 59	.1	.3	.2															11	11	26	100
-/ 57	.2	.3	.2															7	7	3	79
-/ 55	.1	.6																7	7	13	65
-/ 53		.1	.3															4	4	6	26
1/ 51	.3	.6																11	11	7	18
-/ 49																				8	14
-/ 47																					8
-/ 45																					5
-/ 43																					1
-/ 41																					3
-/ 39																					6
-/ -3																					1
TOTAL	4.	21.0	35.2	23.7	11.3	3.8	.5	.3	.1									930			930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4225769	61227	65.8	9.983	930							
Dry Bulb	1169575	32147	34.6	7.668	930		35.5					93
Wet Bulb	896255	28265	30.4	6.329	930		56.9					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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724755 (STATION) HILL AFB LT (STATION NAME) 75-84 (YEARS) MAR (MONTH)

PAGE 1 2600-0800 (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
≥ 97						.1												1	1		
95 - 96						.1	.1	.1	.1									5	5		
93 - 94						.1												1	1		
91 - 92						.1	.1											2	2		
89 - 90					.2	.6												8	8		
87 - 88				.1	1.2	.4												16	16	1	
85 - 86			.1	1.1	2.0	.9	.4											42	42	2	
83 - 84		.2	.6	1.4	1.9	.2												76	76	2	
81 - 82		.5	.9	2.6	1.4	.1												55	55	16	
79 - 80		1.7	3.1	3.3	2.3	.2												98	98	45	5
77 - 78		2.2	4.2	3.4	.9	.2												101	101	70	17
75 - 76	.1	1.7	4.1	2.9	.8													85	95	95	26
73 - 74	.6	1.8	3.7	4.4	.3													101	101	123	52
71 - 72	.8	4.1	6.5	3.7														138	138	108	78
69 - 70	.2	1.5	3.1	1.2														56	56	116	88
67 - 68	.1	1.1	2.3	.4														35	35	106	63
65 - 66	.4	1.7	3.8	.2														57	57	78	103
63 - 64		1.7	1.3	.1														34	34	54	55
61 - 62	.1	1.2	.5															17	17	54	93
59 - 60	.2	.8	.6															12	12	22	86
57 - 58	.1	.2	.2															7	7	7	88
55 - 56		.1	.2															5	5	6	65
53 - 54		.4	.2															6	6	8	41
51 - 52	.2	.5	.1															8	8	7	13
49 - 50	.2	.2																4	4	8	17
47 - 48																				2	10
45 - 46																					2
43 - 44																					2
41 - 42																					2
39 - 40																					9
≤ 38																					2
TOTAL	3.3	21.8	35.9	24.8	10.1	3.5	.6	.1	.1									930		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
Sat. Hum.	42C8499	61230	65.8	13.311	930							
Dry Bulb	1133533	31687	34.1	7.6616	930		37.9					93
Wet Bulb	873384	27872	30.0	6.981	930		87.6					93
Dew Point	554928	21698	23.3	7.628	930	3.1	83.7					93

USAFETAC FORM 0-26-5 (OL A) 80-4 REVISED EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] HILL AFB UT — 75-84 — MAR

STATION — STATION NAME — YEARS — MONTH

PAGE [redacted] — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[redacted] / 57									.1									1	1			
6[redacted] / 55									.1									1	1			
[redacted] / 53							.1											1	1			
[redacted] / 51							.2		.1									3	3			
[redacted] / 49						.1	.2	.1										4	4			
[redacted] / 47						.2	.2	.4										8	8			
5[redacted] / 45					.1	.1	.3		.1									6	6			
[redacted] / 43						.3	.4		.1									14	14			
[redacted] / 41					.2	.1	.5	.3										21	21	2		
[redacted] / 39				.1	.2	.8	.5	.1										35	35	4		
[redacted] / 37			.2	.5	.4	.5	.5											41	41	3		
[redacted] / 35			.3	.4	.3	.2	.2											69	69	16		
[redacted] / 33		.3	.3	.9	.6	.3												75	75	17		
[redacted] / 31		.3	.7	.8	.6	.2												91	91	51	1	
[redacted] / 29		.9	.7	.8	.2	.5												116	116	86	6	
[redacted] / 27	.1	.6	.3	.3	.4													79	79	107	23	
[redacted] / 25	.1	.9	.5	.3	.2													79	79	111	46	
[redacted] / 23	.3	.7	.7	.2	.4													69	69	133	35	
[redacted] / 21	.3	.5	.3	.9	.6													88	88	100	127	
[redacted] / 19	.3	.5	.6	.9	.1													48	44	86	1.5	
[redacted] / 17	.2	.4	.3	.3														39	39	66	94	
[redacted] / 15		.5	.6															26	26	67	64	
[redacted] / 13		.4	.9	.1														12	12	40	68	
[redacted] / 11		.4	.5	.2														11	11	11	52	
[redacted] / 19	.1	.2	.1															5	5	14	9	
[redacted] / 17		.5	.2															7	7	6	65	
[redacted] / 15		.3	.4															6	6	7	51	
[redacted] / 13		.1	.2															3	3	6	28	
[redacted] / 11																				4	19	
[redacted] / 9																					13	
[redacted] / 7																					2	
[redacted] / 5																					5	
[redacted] / 3																					4	
[redacted] / -1																					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

CLIMATIC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] HILL AFB UT — 55-64 — MAR
STATION — STATION NAME — YEARS — MONTH

PAGE [redacted] — 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[redacted] TOTAL	2.3	5.8	12.4	17.9	17.7	13.7	9.4	6.2	3.5	1.6	.6	.1						97	93	97	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.	3612831	56131	60.4	15.493	93C							
Dry Bulb	1927957	35811	38.7	8.324	93C		22.7	.1				93
Wet Bulb	1041844	30552	32.9	6.409	93C		40.6					93
Dew Point	623292	23128	24.9	7.212	93C	.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

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

PAGE . | 1200-1800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 69											.1							3	3		
[illegible] / 67									.1		.1							2	2		
[illegible] / 65								.1	.2	.1		.1						6	6		
[illegible] / 63							.1	.1	.2	.3	.1							8	8		
[illegible] / 61								.1	.2	.3	.1							7	7		
[illegible] / 59							.1	.1	.5	.3	.2							13	13		
[illegible] / 57						.1	.1	.5	.3	.3								15	15		
[illegible] / 55					.1	.1	.6	1.6	.9	.1								28	28		
[illegible] / 53					.2	1.2	1.7	1.0	.4									43	43	1	
[illegible] / 51				.1	.5	1.2	1.5	.6										77	77	5	
[illegible] / 49			.1	.4	1.5	2.5	1.9	.2										62	62	9	
[illegible] / 47				1.1	3.	3.7	.5	.2										86	87	12	
[illegible] / 45	.1	.1	.4	1.5	2.4	2.2	.5											67	67	22	3
[illegible] / 43		.2	.1	.9	2.9	1.6	.3											66	66	48	
[illegible] / 41		.2	.2	1.4	3.2	1.4	.											81	81	93	3
[illegible] / 39		.4	.3	2.4	2.7	.8	.1											89	89	128	9
[illegible] / 37	.2	.5	1.6	2.4	1.8	.2												63	67	106	29
[illegible] / 35	.1	.4	1.5	2.3	1.5													63	63	102	54
[illegible] / 33	.2	.2	.6	1.7	1.	.1												53	53	112	81
[illegible] / 31	.2	1.5	2.4	1.2	.1													53	53	92	122
[illegible] / 29	.	1.1	1.9	.3														33	33	65	84
[illegible] / 27		.2	.5	.4														20	2	6	104
[illegible] / 25		.8	.3	.4														14	14	42	104
[illegible] / 23	.1	.6	.5	.2														14	14	13	49
[illegible] / 21																				11	86
[illegible] / 19	.	.1	.1															3	3	11	101
[illegible] / 17		.1	.3															4	4	1	54
[illegible] / 15			.1															1	1	0	40
[illegible] / 13																				2	18
[illegible] / 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	≥ 88 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) AS 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] HILL AFB UT — 75-84 — MAR

STATION — STATION NAME — YEARS — MONTH

PAGE 1 — 1200-1800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8.[illegible]	5.2	2.3	1.6	.4	.1							93[illegible]	93[illegible]		1 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	≤ 92 F	Total
Rel. Hum.	305748	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

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[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	.4	.5	.1							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				.2	1.3	3.3	2.8	.9	.1									82	82	19	2	
[illegible] / 43			.2	.6	1.5	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	.2	2.9	1.7											71	71	117	16	
[illegible] / 37	.2	1.8	2.	1.	2.4	.9												72	72	128	20	
[illegible] / 35		.1	1.3	1.2	1.3	.1												46	46	108	29	
[illegible] / 33		2.2	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	.6	1.7	.4														26	26	69	88	
[illegible] / 27	.	1.3	.7	.3														18	18	56	107	
[illegible] / 25	.	.1	.5	.1														9	9	44	93	
[illegible] / 23		.1	.0															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	...	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) 80-84 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 | MAR MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.4	10.5	16.7	19.3	21.0	14.6	10.9	5.1	2.9	2.2	1.2	.2						929	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.	2d39683	48583	52.3	17.949	929							
Dry Bulb	1873781	40095	43.1	9.196	929		12.1	.8				93
Wet Bulb	1208185	33005	35.5	6.194	929		28.5					93
Dew Point	638357	23929	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

[redacted] HILL AFB UT — 75-84 (YEARS) — MAR (MONTH)

PAGE 1 — 1800-2100 (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	-		
[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	•3	•5	•4									15	15		
[illegible] / 53					•1	•2	1•4	•5										21	21		
[illegible] / 51				•1		•2	•9	•2										21	21		
[illegible] / 49		•1	•1	•1	•9	1•9	1•6	•1										33	33	1	
[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•1	•2											86	86	29	1
[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•0	•9	•1											98	98	105	11
38 / 37	•1	1•4	2•6	2•6	1•9	•6												86	86	120	27
[illegible] / 35	•2	2•8	2•6	2•8	1•1	•2												86	86	124	45
[illegible] / 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
[illegible] / 27	•1	1•7	•5	•2														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	87
18 / 17	•1	•1	•4															6	6	8	55
[illegible] / 15		•2																2	2	5	23
14 / 13																				6	24
[illegible] / 11																					19
[illegible] / 9																					11
[illegible] / 7																					5
[illegible] / 5																					6
[illegible] / 3																					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

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)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.5	14.6	21.0	21.3	12.2	10.6	5.9	2.4	1.4	.8	.5							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
Ref. Hum.	3497384	54390	58.5	16.935	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	7.188	930		78.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25755 STATION | HALL AFB, IT STATION NAME | 75-84 YEARS | MAR 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] / 59							•	•1										2	2		
[illegible] / 57								•3	•1									4	4		
5[illegible] / 55							•7	•9	•4	•1								9	9		
54 / 53						•4	1•0	•4										17	17		
[illegible] / 51				•7		•4	1•1	•2										19	19		
5[illegible] / 49					•4	•4	•8											16	16		
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	12	3
40 / 39	•2	1•5	1•7	4•6	1•9	•8												99	99	76	6
38 / 37		2•1	3•3	3•1	2•5	•2												104	104	95	10
36 / 35	•4	2•8	4•1	2•8	•8													100	100	107	48
34 / 33	•6	2•5	3•0	4•2	•6													103	103	106	40
32 / 31	•6	2•4	4•1	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	•1	1•2	•8	•6														27	27	66	116
24 / 23	•3	1•1	•1															14	14	36	51
22 / 21	•2	•5	•1															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
[illegible] / 9																					4
[illegible] / 7																					7
[illegible] / 5																					5
[illegible] / 3																					4
[illegible] / 1																					1
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	3397781	3967[illegible]	37.3	7.666	930		22.9					93
Wet Bulb	3004342	30[illegible].0	32.3	5.935	930		99.5					93
Dew Point	619807	[illegible]3121	29.9	6.959	930		82.0					8[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFG WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 1 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible] / 69										.0	.1							7	7		
[illegible] / 67									.0	.0	.0							8	8		
66 / 65								.1	.1	.0		.0						10	10		
64 / 63							.1	.2	.1	.1	.0	.0						23	23		
62 / 61							.1	.0	.1	.1	.1							27	27		
[illegible] / 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	.0	.2	.2	.8	.2	.0									166	166	9	
50 / 49			.1	.1	.4	1.4	.8	.1										252	252	28	
48 / 47			.2	.4	1.8	1.6	.4	.1										331	331	56	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	.0											772	772	661	64
38 / 37	.1	1.6	3.0	2.9	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	411
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	469
22 / 21	.2	.6	.3	.0														76	76	173	689
20 / 19	.1	.3	.3															58	58	108	760
18 / 17	.1	.2	.3															47	47	81	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	.1	.0																4	4	19	86
8 / 7																				2	52
6 / 5																					34
4 / 3																					22

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72756 (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)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/ -1																						19
/ -2 / -3																						4
TOTAL	2	16	525	722	1602	8	7	4	5	2	0	1	0	6	2	0	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	16.686	7439							
Dry Bulb	1149768.2	283896	38.2	8.779	7439		189.8	1.5				744
Wet Bulb	826680.0	243196	32.7	6.520	7439		395.9					744
Dew Point	499926.7	183829	24.7	7.267	7439	2.8	689.0					744

USAFETAC FORM 0-26-5 (OL A) 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 1 — [illegible] HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 67												.1						1	1			
66 / 65											.1							1	1			
[illegible] / 63									.2	.2	.1							5	5			
[illegible] / 61							.4	.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			.2		.2	1.2	1.3	1.0	.1									36	36			
[illegible] / 51			.1	.2	1.2	1.6	.9	.8										41	41			
[illegible] / 49			.2	.2	1.2	1.4	1.6	.2										49	49	6		
[illegible] / 47		.6	1.8	.8	1.7	1.2	1.1											64	64	10	1	
[illegible] / 45	.1	.1	1.2	2.8	2.2	2.2	1.2											92	92	45	5	
[illegible] / 43			1.1	2.1	2.9	.9	.6											68	68	75	9	
[illegible] / 41		.2	1.8	3.4	2.3	.6	.2											81	81	87	12	
[illegible] / 39		.4	1.2	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		.2	1.2	2.8	2.2	.9												67	67	84	51	
[illegible] / 33	.3	1.5	2.3	2.9	1.3	.2												78	78	101	60	
[illegible] / 31	.2	1.4	1.9	2.6	.9													63	63	55	89	
[illegible] / 29	.2	1.3	1.2	.2														27	27	85	81	
[illegible] / 27	.4	.2	.3	.1														10	10	76	96	
[illegible] / 25			.1															1	1	44	79	
[illegible] / 23		.1																1	1	14	48	
[illegible] / 21		.1																1	1	2	68	
[illegible] / 19		.1																1	1	1	82	
[illegible] / 17		.2																2	2	2	56	
[illegible] / 15																				1	42	
[illegible] / 13																					20	
[illegible] / 11																					9	
[illegible] / 9																					5	
[illegible] / 7																					11	
[illegible] / 5																					4	
[illegible] / 3																					1	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) 80-84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72-756 HILL AFB UT 75-84 APR
STATION STATION NAME YEARS MONTH

PAGE 2 0000-0210
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	1.6	8.4	17.7	22.8	15.5	11.1	10.3	4.0	3.4	1.2	.2	.1						900	900	900	900

Element (X)	Σ_X'	Σ_X	$\bar{X}$	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.	2925228	68840	58.3	17.485	900							
Dry Bulb	1712223	78491	92.8	8.571	900		10.6	.1				90
Wet Bulb	1478941	32097	35.7	6.373	900		28.0					90
Dew Point	660372	23376	26.0	7.498	900		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] STATION | HILL AFB UT STATION NAME | 75-84 YEARS | APR MONTH

PAGE . | 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
[illegible] / 63									.1	.3								4	4		
[illegible] / 6								.2										1	-		
[illegible] / 59							.1	.1	.2	.1								6	5		
[illegible] / 57							.4	.3	.7	.1								14	14		
56 / 55					.2	.8	.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	1.1	1.1	.7										45	45	5	
48 / 47			1.1	.3	2.4	2.4	.7											68	68	9	
46 / 45		.8	1.6	1.3	1.7	1.6	1.											74	74	39	1
44 / 43		.7	1.2	2.9	2.9	1.4	.1											83	83	50	6
42 / 41	.1	.8	1.1	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	2.1	2.4	.7	.7												51	51	105	19
36 / 35	.2	1.1	1.9	1.9	1.6	.8												64	64	110	24
34 / 33	.4	1.9	1.6	3.7	1.6	.2												84	84	99	58
32 / 31		2.1	2.1	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.	.3														19	19	97	111
26 / 25			.1															2	2	59	98
24 / 23		.1																1	1	24	55
22 / 21		.1																3	3	4	60
20 / 19		.1																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	2[illegible].[illegible]	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	≤ 72 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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFB WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥ / 67									.2	.4								6	6		
/ 61								.2	.1	.1								4	4		
/ 63						.1		.1	.2	.1								9	9		
/ 57							.2	.6	.2	.1								15	15		
/ 55					.2	.2	.2	1.1	.2									27	27		
/ 57				.4	.2	1.2	.2	1.0	.4									37	37		
/ 5			.2	.2	.2	1.2	1.2	.7	.1									36	36		
/ 45			.4	1.2	1.2	1.8	1.4	.1										51	51	6	
/ 47			.2	.9	1.8	1.6	1.2											61	61	9	
/ 45		.6	1.2	2.6	2.1	1.4	.7											75	75	35	
/ 42	.2	.9	1.2	2.7	1.8	2.4	.2											84	84	64	9
/ 4	.2	.3	.2	3.6	1.8	1.2	.2											93	93	71	21
/ 39		.8	.2	2.8	1.6	.6												72	72	93	29
/ 37		.6	2.4	1.9	1.4	.4												61	61	106	39
/ 35		.7	.2	1.7	.2	.7												51	51	94	39
/ 33	.2	1.2	.2	2.9	1.1	.1												71	71	110	51
/ 31	.2	1.6	1.2	3.8	.2													72	72	7	109
/ 29	.2	1.2	1.4	1.2														60	60	70	71
/ 27	.2	.6	.6	.9														23	23	72	96
/ 25	.2		.6															7	7	67	92
/ 2			.2															1	1	21	56
/ 21		.2	.2															3	2	8	66
/ 19																				3	76
/ 17		.2																1	1		45
/ 15																				1	67
/ 13																					44
/ 11																					18
/ 9																					9
/ 7																					8
/ 5																					1
/ 3																					2
TOTAL	1.2	8.9	20.1	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	1677930	37298	41.4	8.319	900		19.7					90
Wet Bulb	1131396	34906	38.9	6.273	900		31.2					90
Dew Point	650975	23181	25.8	7.744	900		73.7					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 — 75-84 — APR

STATION — STATION NAME — YEARS — MONTH

PAGE 1 — 1956-1160 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]										.1		.1		.1				3	3		
[illegible]												.2	.2					4	4		
[illegible]										.6	.3	.6	.2					15	15		
[illegible]								.1		.4	.4	.1						14	14		
[illegible]								.4	.2	.9	.7							9	19		
[illegible]							.1	.3	.1	.8	.5							26	26		
[illegible]							1.1	1.0	1.1	.7								28	28		
[illegible]						.2	.2	1.2	1.1	.4								34	34		
[illegible]					.1	.2	1.1	1.1	1.1	.3								42	42		
[illegible]				.4	.3	1.1	2.5	1.1	.7									42	42	1	
[illegible]				.7	.9	2.1	1.9	1.4	.2									60	62	2	
[illegible]			.1	.4	1.3	2.7	2.2	2.	.9	.1								62	62	14	
[illegible]			.1	.8	1.7	1.9	1.6	.1										86	86	41	
[illegible]			.1	.8	1.7	1.9	1.6	.1										62	62	49	
[illegible]		.7	.4	.7	1.2	1.2	1.1	.6										53	53	99	3
[illegible]		.1	.4	1.	1.7	1.8	.7											56	56	89	8
[illegible]		.4	.1	1.9	1.7	1.3	.6											63	63	106	28
[illegible]			.3	2.	.9	1.2	.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]		1.9	.2	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

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) APR (MONTH)

PAGE 2 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
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	.2				90	90	90	90

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	≤ 92 F	Total
Rel. Hum.	2401210	83574	48.4	18.0	90							
Dry Bulb	2140991	82929	47.7	20.9	90		6.8	3.9	.3			90
Wet Bulb	1383834	34742	38.6	6.9	90		19.7					90
Dew Point	724878	24574	27.3	7.7	90		67.5					90

FORM AS 64 0-26-5 (OL A) USAFETAC 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
75-84 — YEARS
APR — MONTH

PAGE 1

12°C - 4°C — 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			1	1		
[illegible] / 77												.3						4	4		
[illegible] / 75												.1	.6	.6				13	13		
[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								.9	.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	.9	2.1	2.2	1.2	.7								64	64	1	
[illegible] / 55				.6	1.1	2.7	1.6	1.1										63	63	2	
[illegible] / 53			.1	.1	.4	1.2	1.3	1.7	.2									48	48	8	
[illegible] / 51			.1	.6	.7	1.6	1.4	1.6	.4									59	59	36	1
[illegible] / 49			.2	.8	.8	1.8	.6	1.2	.2									57	57	62	
[illegible] / 47		.4	1.1	.2	1.2	.6	1.0	.7	.1									56	56	74	1
[illegible] / 45		.2	.2	1.1	1.1	1.6	1.4	.3										51	51	124	1
[illegible] / 43			.1	.7	1.8	1.7	1.1	.3										48	48	107	11
[illegible] / 41	.1	.3	.1	1.6	.8	.8	.2	.1										45	45	69	24
[illegible] / 39	.1	.4	.4	.8	1.2	1.[illegible]												33	33	80	39
[illegible] / 37		.4	.6	.8	1.7	.7												39	39	62	38
[illegible] / 35	.1	.3	1.4	1.4	.7	.1												37	27	80	50
[illegible] / 33	.1	.4	.3	.7	.3													18	18	54	62
[illegible] / 31	.2	1.4	.7	.2	.1													24	24	65	114
[illegible] / 29	.1	.3		.2														6	6	48	82
[illegible] / 27		.1																1	1	22	94
[illegible] / 25																				5	77
[illegible] / 23																				1	42
[illegible] / 21																					63
[illegible] / 19																					75
[illegible] / 17																					54
[illegible] / 15																					30
[illegible] / 13																					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

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

PAGE 1 | 1200-1800 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]																					9
[illegible]																					5
[illegible]																					5
[illegible]																					2
[illegible]																					1
TOTAL	.0	4.8	6.9	9.7	11.3	13.3	14.1	14.6	8.0	6.3	4.1	2.8	2.1	1.2	.3			9°C	9°C	9°C	9°C

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	≤ 88 F	≤ 93 F	Total
Rel. Hum.	1938136	38269	42.5	8.609	900							
Dry Bulb	2529035	46611	51.8	11.064	900		3.1	9.8	3.3			9C
Wet Bulb	1526200	36566	40.6	6.717	900		14.1					9C
Dew Point	7238.9	24535	27.3	7.819	900		67.7					9C

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

[redacted] STATION | HILL AFB UT STATION NAME | 75-84 YEARS | APR MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 79															.1			1	[illegible]		
78 / 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	.3	.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		
[illegible] / 63					.2		.2	.4	1.9	1.8	.3							44	44		
[illegible] / 61						.3	.6	.9	1.8	1.3	.3							49	49		
[illegible] / 59					.1	.1	.4	1.9	2.1	.8	.1							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	1.6	1.6	.6									55	55	13	
[illegible] / 51			.1	.6	1.1	1.6	1.6	1.2	.6	.2								63	63	30	
[illegible] / 49				.3	1.1	1.5	1.3	1.1	.1									44	44	70	1
[illegible] / 47		.1	.4	.9	.9	1.5	2.1	1.5	.1									58	59	100	1
[illegible] / 45		.2	.3	.6	.8	.6	.4	.9										38	38	97	2
[illegible] / 43		.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	31	65	33
[illegible] / 35	.1	.6	1.2	1.1	.4	.1												30	30	70	42
34 / 33	.4	.6	.4	.3														14	14	75	68
[illegible] / 31	.1	.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																					88
[illegible] / 15																					42
[illegible] / 13																					21

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	≥ 88 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 80-1 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 | 15Z-17Z HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
1 / 13																					13
7 / 6																					6
- / 7																					7
5 / 5																					5
4 / 3																					3
TOTAL	.9	2.8	6.1	10.2	10.0	12.3	12.4	9.6	9.6	7.2	6.2	3.0	2.0	1.9	.6			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.	1762960	36332	90.4	8.139	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	768139	24297	26.9	7.819	900		69.0					90

USAFETAC FORM 0-26-5 (OL A) 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 1 — 18°0-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 77											.1							1	1		
[illegible] / 72														.1	.1			2	2		
[illegible] / 77									.1			.1	.2	.1				5	5		
[illegible] / 72									.1	.3	.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] / 61							.1	.2	.6	1.6	.7							29	29		
[illegible] / 61					.1		.1	1.0	1.7	.2	.7							36	36		
[illegible] / 59					.1	.2	.3	1.6	1.1	.9	.2							44	44		
[illegible] / 57					.1	.4	1.4	1.8	1.0	.4								47	47	3	
[illegible] / 55				.1	.4	1.1	2.6	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		.4	1.1	1.9	1.7	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.	.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	.7	.1										49	49	101	9
[illegible] / 41		.2	1.	1.2	1.1	1.6	.7											52	52	93	23
[illegible] / 39	.2	.2	.5	1.2	1.1	1.6	.2											48	48	88	34
[illegible] / 37		.8	.4	2.1	1.3	.4												52	52	85	40
[illegible] / 35		.3	.9	1.6	1.1	.2												45	45	60	39
[illegible] / 33	.3	.8	.4	.8	.6													26	26	92	69
[illegible] / 31		1.1	.2	.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																					16
[illegible] / 13																					22
[illegible] / 11																					16

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) 84-54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] HILL AFB UT — 75-84 — APR

STATION — STATION NAME — YEARS — MONTH

PAGE 2 — 1900-2200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/																					3
/																					4
/																					2
/																					1
/																					1
TOTAL	.3	5.6	5.2	11.7	12.9	6.6	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	91588	95.7	18.713	900							
Dry Bulb	2298311	88917	49.5	10.393	900		3.2	5.5	.8			90
Wet Bulb	1439341	35509	39.5	8.532	900		15.9					90
Dew Point	718106	24918	27.1	7.881	900		68.9					90

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

[redacted] STATION | HILL AFB UT STATION NAME | 75-84 YEARS | APR MONTH

PAGE [redacted] | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[redacted] / 67									.1	.1	.1	.4						7	7			
[redacted] / 65								.1	.1	.2	.1	.2						9	9			
[redacted] / 63							.1	.7	.7	.9	.6							22	22			
[redacted] / 61							.2	.3	.6	.7								16	16			
[redacted] / 59								.2	1.2	1.2	.1							26	26			
[redacted] / 57						.4	.7	2.0	1.0	.6								42	42			
[redacted] / 55					.1	.9	1.4	1.0	.6									38	38			
[redacted] / 53			.2		.1	1.1	1.4	.8	.1									34	34	1		
[redacted] / 51		.2	.1	.3	1.4	1.[redacted]	1.1	1.7	.2									55	55	4		
[redacted] / 49		.2	.3	.9	2.1	2.1	2.	.6										74	74	14	1	
[redacted] / 47	.1	.3	1.2	1.4	2.3	1.9	1.	.2										77	77	28	5	
[redacted] / 45			2.4	2.6	2.[redacted]	1.1	1.	.2										84	84	56	4	
[redacted] / 43		.2	.6	1.9	2.7	1.4	.4											63	63	105	4	
[redacted] / 41		.2	1.[redacted]	2.2	2.2	1.[redacted]	.1											64	64	104	15	
[redacted] / 39		.9	1.2	1.1	1.3	.7	.1											50	50	97	28	
[redacted] / 37		.3	1.2	2.3	1.8	.2	.2											55	55	109	35	
[redacted] / 35		.[redacted]	2.[redacted]	2.4	1.6	.2												65	65	68	57	
[redacted] / 33	.4	1.3	1.5	2.2	1.2													58	58	76	50	
[redacted] / 31		1.3	1.4	.9	.8													40	40	97	95	
[redacted] / 29	.1	.8	.6															15	15	63	98	
[redacted] / 27	.1	.2																3	3	57	81	
[redacted] / 25																				24	72	
[redacted] / 23																				4	68	
[redacted] / 21		.1																1	1		69	
[redacted] / 19		.2																2	2	2	91	
[redacted] / 17																				1	49	
[redacted] / 15																					32	
[redacted] / 13																					20	
11 / 11																					8	
[redacted] / 9																					8	
[redacted] / 7																					5	
[redacted] / 5																					2	
[redacted] / 3																					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
Ref. 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) 75-84 (YEARS) APR (MONTH)

PAGE 2 2100-2300 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.7	7.1	14.2	18.3	19.9	12.1	9.9	7.9	4.6	2.2	1.1	.7						9CC	9C	9CC	9C

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.	2453198	96118	51.2	17.961	9CC							
Dry Bulb	1928C82	9C838	45.4	9.136	9CC		8.1	.7				9C
Wet Bulb	1285185	33847	37.3	6.216	9CC		23.8					9C
Dew Point	695475	28C39	26.7	7.707	9CC		70.1					9C

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFG WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 1 | ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31				
[illegible] / 76												.0			.0			2	2		
7[illegible] / 77											.1	.2	.0	.0	.1			13	13		
74 / 75												.0	.1	.3	.0			31	31		
74 / 73										.0	.0	.1	.2	.1				32	32		
[illegible] / 71										.0	.1	.1	.3	.2	.1			57	57		
[illegible] / 69										.0	.3	.4	.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	.3	.7	.9	.3						168	168		
[illegible] / 61							.1	.3	.6	.9	.5	.4						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				.0	.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	.2									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	1.9	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	.	.0	.1															12	12	237	676
[illegible] / 23		.1	.1															5	5	73	416
[illegible] / 21		.1	.1															8	8	16	541
[illegible] / 19		.1																5	5	9	656
[illegible] / 17		.0																1	1	5	378
[illegible] / 15																				2	342
[illegible] / 13																					191

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 APR 84 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 7 — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]																					1 [illegible]
/																					45
/																					51
/																					[illegible]
/																					12
/																					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			7216	7220	7220	7210

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	16.768	7200							
Dry Bulb	16926363	335327	46.6	10.602	7200		61.7	30.9	7.8			720
Wet Bulb	10618575	272023	37.8	8.855	7200		179.9					720
Dew Point	5529327	191379	26.6	7.797	7200		562.9					720

USAFETAC FORM 0-26-5 (OL A) 80-04 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		
	-	.			.						.	78.2	.4	93
	-	.			.						.4	.6	.4	93
					.						.8	86.7	.6	93
	-	.			.						.	.2	.4	93
	-	.			.						.7	.2	.4	93
	-	.			.						.	65.6	.7	93
	-	.			.						.3	86.7	.7	93
	-	.			.						.	71.	.4	93
TOTALS		.			.6						2.2	72.6	.4	744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] HILL AFB UT — 75-84 — MAY

STATION — STATION NAME — YEARS — MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[redacted] / 70									.1	.4	.	.4							7	7		
[redacted] / 69								.	1.0	.2	.4								16	16		
[redacted] / 68								.1	.2	1.0	.1								15	15		
[redacted] / 67								.1	1.1	1.2									24	24		
[redacted] / 66					.4	.3	.4	1.2	1.6	.5									39	39		
[redacted] / 65				.2	.5	.5	1.1	1.1	.5	.1									67	67		
[redacted] / 64				.4	.8	.8	2.2	2.5	1.8	.1									77	77	2	
[redacted] / 63			.5	1.1	1.1	1.3	2.2	.3											58	58	17	
[redacted] / 62		.1	1.2	1.1	2.4	2.8	1.2												77	77	47	1
[redacted] / 61		.2	1.2	2.3	1.2	1.0	.6												75	75	82	12
[redacted] / 60		.6	1.1	1.0	2.4	1.4	.1	.1											64	64	77	23
[redacted] / 59		.2	2.2	2.8	1.6	1.1	.4	.1											89	89	123	35
[redacted] / 58		.8	2.3	2.5	2.2	.4	.2												77	77	122	39
[redacted] / 57	.4	.8	2.0	2.1	1.5	.2	.1												67	67	102	36
[redacted] / 56		.2	2.4	1.4	.5	.1													54	54	109	65
[redacted] / 55	.1	1.2	1.2	.6	.4	.1													39	39	88	81
[redacted] / 54		.4	.5	.2															13	13	76	119
[redacted] / 53		.6			.1														7	7	42	101
[redacted] / 52		.8		.1															5	5	22	165
[redacted] / 51		.0																	5	5	13	68
[redacted] / 50																					6	57
[redacted] / 49																					2	46
[redacted] / 48																						27
[redacted] / 47																						18
[redacted] / 46																						15
[redacted] / 45																						4
[redacted] / 44																						4
[redacted] / 43																						9
[redacted] / 42																						4
[redacted] / 41																						1
TOTAL	.5	2.8	16.7	16.6	15.8	14.7	13.3	7.0	4.4	1.1	.9	.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
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	1108104	31986	33.8	6.894	930		80.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] 755 STATION | HILL AFB UT STATION NAME | 75-84 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 68										.4	.2							6	6		
[illegible] / 67								.1	.2	.2	.1	.1						7	7		
[illegible] / 66							.2	.9		.2	.7							16	15		
[illegible] / 65							.5	.8	.4									16	15		
[illegible] / 64						.7	.3	.6	.2									13	13		
[illegible] / 63				.2	.2	.5	1.7	1.4	.1									36	33		
[illegible] / 62			.7	.3	.6	.9	1.1	1.7	.2									48	49		
[illegible] / 61			.6	.8	.3	1.2	2.6	.9										65	65		
[illegible] / 60			.5	1.4	1.2	3.4	1.2	.2										74	74	9	
[illegible] / 59			.6	1.1	1.3	1.8	1.1											55	55	29	1
[illegible] / 58		.7	1.7	2.3	1.7	2.7	.4											83	83	57	8
[illegible] / 57		.8	2.1	2.0	2.4	1.5	.3											90	90	64	9
[illegible] / 56		.9	.7	2.5	1.7	1.1		.1										78	78	108	19
[illegible] / 55	.2	1.1	1.3	4.7	1.1	.4	.2											84	84	139	45
[illegible] / 54	.1	1.4	2.4	2.6	1.7	.6												87	87	91	60
[illegible] / 53	.3	1.6	2.4	3.2	1.3	.9												73	73	138	61
[illegible] / 52	.2	.9	1.3	1.2	.6	.2												46	46	100	75
[illegible] / 51	.1	1.1	.3	.7	.2													24	24	76	110
[illegible] / 50		.2	.7	.3														12	12	56	120
[illegible] / 49		.6		.1														6	6	28	150
[illegible] / 48		.4		.1														7	7	23	84
[illegible] / 47																				5	62
[illegible] / 46																				2	61
[illegible] / 45																				1	12
[illegible] / 44																					16
[illegible] / 43																					18
[illegible] / 42																					2
[illegible] / 41																					6
[illegible] / 40																					1
[illegible] / 39																					2
TOTAL	.6	10.2	19.4	21.5	13.4	15.7	10.2	5.4	2.0	.9	.6	.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.	3530977	54997	59.1	17.363	930							
Dry Bulb	2209698	94718	68.1	8.002	930		1.5	1.3				93
Wet Bulb	1601598	78282	61.1	5.599	930		6.3					93
Dew Point	1072339	50958	33.3	6.729	930		82.2					93

FORM 0-26-5 (OL-A) USAFETAC AS 64 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 | 75-84 YEARS | MAY MONTH

PAGE 1 | 0600-0900 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
≥ / 73											.1	.1						2	2		
72 / 72										.1	.2							3	3		
71 / 69									.1	.3	.1							5	5		
68 / 67								.1	.2	.1	.1							5	5		
66 / 65						.1	.1	.6	.5	.3								16	16		
64 / 63						.4	.5	1.1	1.0									30	31		
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	2.0	.3										76	76	24	
52 / 51		.2	1.1	1.3	2.3	1.2	.3	.1	.1									65	65	44	3
50 / 49		.1	2.1	1.9	3.7	2.3	.5	.1										99	99	65	5
48 / 47		.2	1.1	1.6	2.4	.6	.2											65	65	92	17
46 / 45		.6	1.7	2.3	2.5	.9	.2											75	75	120	31
44 / 43		1.1	2.3	3.5	1.6	.1	.1											85	85	114	50
42 / 41	.1	1.3	2.9	1.8	.8	.4	.1											69	69	113	40
40 / 39		.2	1.7	1.3	.5	.1												47	47	113	80
38 / 37		1.0	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																					11
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	1126782	31784	34.2	6.601	930		37.5					93

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

USAFETAC

[redacted]

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)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31			Dry Bulb	Wet Bulb	Dew Point
[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										.3	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			
[illegible] / 67						.2	1.1	.8	1.5	1.1	.1							44	44			
66 / 65					.1	.5	.6	1.9	1.3	.5								47	47			
[illegible] / 63						.3	1.4	1.9	1.6	.9								61	61			
[illegible] / 61				.2	.9	.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		
58 / 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		
[illegible] / 53		.1	.1	.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	2.1	.9	.3											54	54	114	13	
[illegible] / 47		.3	.9	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	1.5	.5	.2											42	42	91	69	
[illegible] / 41		.4	1.4	1.	.3	.1												32	32	72	66	
[illegible] / 39	.1	1.1	1.1	.3	.1													24	24	61	116	
38 / 37	.4	.1	.2	.1														5	5	65	1.2	
36 / 35	.1	.2		.1														6	6	32	124	
34 / 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																					11	
[illegible] / 19																					16	
[illegible] / 17																					3	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 HILL AFB UT — STATION / STATION NAME
75-84 — YEARS
MAY — MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 15																					2
[illegible] / 13																					2
[illegible] / 11																					1
[illegible] / 9																					1
TOTAL	1.3	4.5	5.0	0.0	14.1	13.5	13.7	12.5	10.2	6.3	4.3	.8	.9	.3				930	93[illegible]	930	93[illegible]

Element (X)	$\Sigma X_i'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2539959	95760	49.2	17.962	930							
Dry Bulb	3083242	52696	56.7	10.237	930		.5	16.9	6.0	.2		93
Wet Bulb	2025578	42996	46.2	6.377	930		1.6					93
Dew Point	3257066	33599	36.1	6.898	930		27.0					93

USAFETAC FORM 0-26-5 (OL A) AUG 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) 75-84 (YEARS) MAY (MONTH)

PAGE 1 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
98/ 97																.1		1	1		
96/ 95															.2	.1		3	3		
94/ 93												.1	.1	.2	.1			5	5		
92/ 91											.1	.4	.3	.2	.3			14	14		
90/ 89											.4	1.0	.6	.8				26	26		
88/ 87									.1	.4	.9	1.2	.8	.2				33	33		
86/ 85									.3	.8	1.1	1.3	.3	.1				36	36		
84/ 83								.1	.3	.9	1.1	1.3	.1					34	34		
82/ 81							.2	.4	.8	1.1	1.5	.4	.1					42	42		
80/ 79						.1	.6	.6	.9	1.4	1.0	.2	.1					46	46		
78/ 77						.2	.3	1.2	1.6	2.4	1.6	.2						70	70		
76/ 75				.1	.2	.2	1.2	2.3	1.5	1.7	.4							71	71		
74/ 73					.1	.3	.9	2.4	2.3	.8								62	62		
72/ 71					.2	1.2	1.2	1.7	1.1	.4								63	63	1	
70/ 69				.1	.4	.9	1.9	1.2	.6	.2	.1							46	46	31	
68/ 67				.1	.5	1.3	1.0	1.0	.5	.4								45	45	57	
66/ 65			.5	.7	1.1	.7	1.2	.9	.2	.1								43	43	58	1
64/ 63			.1	.4	.5	1.2	.9	.5	.4									38	38	92	3
62/ 61		.2	.7	.9	.9	1.7	1.0											44	44	120	8
60/ 59		.2	.5	.8	1.3	1.9	.6	.1										51	51	118	20
58/ 57		.2	.5	1.0	1.5	.5	.6											36	36	100	22
56/ 55		.5	.9	1.0	1.0	.6	.3											40	40	58	55
54/ 53		.4	1.3	.3	.4	.2	.1											31	31	61	50
52/ 51		.3	.5	.3														11	11	83	89
50/ 49	.1	.3	.6	.2														12	12	66	81
48/ 47	.1	.4	.3	.2														12	12	38	135
46/ 45	.3	.2	.3	.2														10	10	26	97
44/ 43		.1																3	3	10	79
42/ 41		.2																2	2	7	124
40/ 39																				3	57
38/ 37																					46
36/ 35																					38
34/ 33																					12
32/ 31																					18

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 95 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITION 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)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
[illegible]																						12
[illegible]																						5
[illegible]																						4
[illegible]																						2
[illegible]																						1
TOTAL	.	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			93		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	≥ 72 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.	20132.0	19810	42.6	18.28	930							
Dry Bulb	3549424	56460	60.7	21.448	930		.2	31.0	15.2	3.3		93
Wet Bulb	2167889	44480	47.8	6.602	930		1.0					93
Dew Point	1229837	33143	35.6	7.28	930		32.0					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

[redacted] STATION | HILL AFB UT STATION NAME | 75-84 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[redacted]															.2	.1		3	3		
[redacted]														.1	.1			2	2		
[redacted]													.5	.4	.2	.1		13	13		
[redacted]												.3	.3	.3	.6			15	15		
[redacted]										.7	.6	.6	1.2	.9	.2			34	34		
[redacted]										.2	.5	1.1	1.2	.6				34	34		
[redacted]										.4	.3	1.6	.6					28	28		
[redacted]								.3	.1	1.0	.9	1.6	.3					39	39		
[redacted]								.2	.5	1.0	1.9	1.1	.1					45	45		
[redacted]						.1	.1	.1	2.0	1.1	1.6	1.1						57	57		
[redacted]							.3	.2	1.9	2.3	1.6	.1						60	60		
[redacted]						.2	.2	.3	1.1	3.3	1.9	.6						73	73		
[redacted]					.1	1.0	1.3	2.5	2.0	.5	.3							72	72		
[redacted]				.1		.6	1.1	1.8	.5	.5	.1							45	45	5	
[redacted]			.1	.4	.3	.6	.8	1.1	1.5	.8								53	53	25	
[redacted]			.2	.3	1.1	1.6	.5	.9	1.0	.5								55	55	38	
[redacted]			.4	.3	.8	1.2	.8	.6	.3	.4								46	46	64	
[redacted]		.1		.6	.5	1.2	1.2	.2	.1									39	39	93	3
[redacted]		.2	.2	.6	1.0	1.2	1.1	.3										48	48	110	6
[redacted]		.2	.2	.5	1.0	.9	1.2	.5										43	43	198	25
[redacted]		.4	.2	.5	1.0	.9	.2											30	30	111	12
[redacted]		.2	.2	.2	.5	.1	.3	.1										28	28	53	13
[redacted]	.1	.2	.5	.4	.4	.1	.1											19	19	80	49
[redacted]		.6	.2	.2	.4													17	17	65	67
[redacted]		.4	1.0	.1														14	14	61	76
[redacted]		.4	.5															8	8	37	110
[redacted]		.2	.1															3	3	18	98
[redacted]		.3																3	3	16	90
[redacted]		.3																3	3	2	126
[redacted]																				3	66
[redacted]																					51
[redacted]																					41
[redacted]																					18
[redacted]																					27

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

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

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
[illegible]																						11
-[illegible]																						12
[illegible]																						7
-[illegible]																						7
[illegible]																						2
TOTAL	.2	3.7	5.7	5.4	7.2	9.9	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.	1419388	37350	40.2	18.5[illegible]	929							
Dry Bulb	3656468	57328	61.7	13.314	929		.3	33.0	16.8	9.5		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
47th WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[24755] HILL AFB UT — 75-84 — MAY

STATION — STATION NAME — YEARS — MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85														.1				1	1		
84/ 83														.1				1	1		
82/ 81													.2	.1	.1	.1		5	5		
80/ 79											.2		.4					6	6		
78/ 77										.2	.5	.5	.5	.4				21	21		
76/ 75										.5	.4	.5	.4	.1				19	19		
74/ 73								.1	.2	.9	.8	.8	.3					28	28		
72/ 71								.3	.4	.6	1.6	.6	.2					36	36		
70/ 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	.4	1.8	1.8	1.7	.1	.1							66	66		
60/ 59			.2	.2	.4	1.5	2.4	1.7	1.0	.2								72	72	11	
58/ 57				.2	1.3	1.5	1.3	1.3	.6	.3								63	63	25	
56/ 55			.5	.2	1.1	1.4	1.2	1.4	.5									58	58	56	
54/ 53			.4	.8	1.2	.9	1.3	.6	.1									47	47	59	4
52/ 51		.1	.4	.5	1.6	1.4	1.4	.4	.2									57	57	99	8
50/ 49		.2	1.2	.6	1.7	1.2	1.2	.3										61	61	136	14
48/ 47		.2	1.1	.6	1.5	.5	.2	.1										39	39	125	24
46/ 45		.3	.6	1.1	.9	.7	.2											31	31	88	36
44/ 43	.1	.3	1.1	.5	.4	.1	.2											31	31	74	39
42/ 41		.4	.9	.5														17	17	82	84
40/ 39	.1	.6	.5	.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
30/ 29		.1																1	1	3	73
28/ 27																				1	51
26/ 25																					39
24/ 23																					23
22/ 21																					15
20/ 19																					9

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	≥ 88 F	≥ 92 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 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)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
≤ 17																					7
[illegible]																					5
[illegible]																					4
≤ 1																					2
TOTAL	.5	4.1	8.9	6.6	11.3	10.5	13.7	11.5	11.9	8.6	6.5	3.0	2.2	.9	.1	.1		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	≤ 75 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.	2223652	91990	99.3	8.837	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	7.239	927		33.9					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

72756 STATION | HILL AFB UT STATION NAME | 75-84 YEARS | MAY 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
76 / 75										.1		.1	.1					3	3		
74 / 77										.1	.2	.1	.2					6	6		
72 / 79									.1	.1	.9	.7	.1					12	12		
70 / 69								.1	.4	.5	.5							15	15		
68 / 67							.1	.6	.6	.9	.2							23	23		
66 / 65						.1	.2	.8	1.7	1.1								36	36		
64 / 63					.1	.3	.6	1.4	1.5	.7								41	41		
62 / 61				.1	.2	.5	1.3	1.4	1.2	.4								52	52		
60 / 59			.1	.8	.6	2.3	1.7	2.7	.6									82	82		
58 / 57		.1	.3	.3	.5	1.9	2.8	2.0	.4									79	79	2	
56 / 55		.1	.1	.5	1.9	1.6	1.9	.8	.1									66	66	12	
54 / 53		.2	.3	1.6	1.2	2.0	1.2	.4	.1									70	70	42	2
52 / 51			.4	1.5	1.5	1.1	1.1	.3	.1									56	56	54	4
50 / 49		.6	.2	.3	1.9	1.7	1.1	.3										64	64	107	16
48 / 47		.5	.7	1.1	2.5	.6	.5	.3										72	72	118	15
46 / 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
42 / 41	.1	.9	.3	1.5	.4	.4												43	43	91	83
40 / 39		.5	.2	.4		.2												22	22	83	69
38 / 37	.3	.8	.5	.3	.2													29	29	73	91
36 / 35	.1	.1	.2															13	13	55	113
34 / 33	.1	.8	.1															6	6	39	121
32 / 31		.6	.2															8	8	11	148
30 / 29																				11	66
28 / 27																				1	42
26 / 25																					48
24 / 23																					14
22 / 21																					23
20 / 19																					7
18 / 17																					5
16 / 15																					3
14 / 13																					5
12 / 11																					2
10 / 9																					2

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.C	7.C	17.8	32.3	14.9	13.7	13.1	11.4	7.C	3.6	1.8	.3	.4					927	927	x27	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	2459815	48947	52.8	9.020	927		.8	5.8	.9			93
Wet Bulb	1813196	40642	43.8	5.818	927		2.3					93
Dew Point	1195025	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

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
≥ / 87															•	•		4	4		
[illegible] / 83														•	•	•		6	6		
[illegible] / 81												•	•	•	•	•		[illegible]	[illegible]		
[illegible] / 81											•	•	•	•	•			35	35		
[illegible] / 79										•	•	•	•	•	•			67	67		
[illegible] / 77									•	•	•	•	•	•				99	99		
[illegible] / 75									•	•	•	•	•	•				134	134		
[illegible] / 73								•	•	•	•	•	•					137	137		
[illegible] / 71							•	•	•	•	•	•	•					173	173		
[illegible] / 69						•	•	•	•	•	•	•	•					215	215		
[illegible] / 67					•	•	•	•	•	•	•	•						285	285		
[illegible] / 65				•	•	•	•	•	•	•	•							329	329		
[illegible] / 63					•	•	•	•	•	•	•							368	368		
[illegible] / 61				•	•	•	•	•	•	•	•							353	353	8	
[illegible] / 59			•	•	•	•	•	•	•	•	•							489	489	71	
[illegible] / 57		•	•	•	•	•	•	•	•	•								484	484	198	
[illegible] / 55		•	•	•	•	•	•	•	•	•								492	492	253	1
[illegible] / 53		•	•	•	•	•	•	•	•	•								452	452	408	12
[illegible] / 51		•	•	•	•	•	•	•	•									452	452	600	38
[illegible] / 49		•	•	•	•	•	•	•	•									530	530	827	115
[illegible] / 47		•	•	•	•	•	•	•										440	440	796	147
[illegible] / 45		•	•	•	•	•	•	•										459	459	771	279
[illegible] / 43	•	•	•	•	•	•	•	•										432	432	777	382
[illegible] / 41	•	•	•	•	•	•	•											343	343	699	555
[illegible] / 39	•	•	•	•	•	•	•											264	264	700	629
[illegible] / 37	•	•	•	•	•	•												185	185	538	758
[illegible] / 35	•	•	•	•	•	•												95	95	375	887
[illegible] / 33	•	•	•	•	•													65	65	249	777
[illegible] / 31	•	•	•	•	•													37	37	104	1087
[illegible] / 29		•	•	•														19	19	75	528
[illegible] / 27																				26	404
[illegible] / 25																				7	341
[illegible] / 23																				1	110
[illegible] / 21																					118

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) AS 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]755 HILL AFB UT 75-84 MAY
STATION STATION NAME YEARS MONTH

PAGE 2 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 19																					1[illegible]4
[illegible] / 17																					48
[illegible] / 15																					23
[illegible] / 13																					42
1 / 11																					14
/ 9																					4
TOTAL	.8	6.7	11.9	12.1	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)	$\Sigma x'$	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.	21618382	375016	50.5	9.052	7433							
Dry Bulb	23159288	404902	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	257949	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
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE [illegible] | 000-02,0 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 81															.1			1	1		
[illegible] / 81											.2		.2					1	1		
[illegible] / 79											.3	.2	.1	.2				7	7		
[illegible] / 77										.1	.6	.9	.6					19	19		
[illegible] / 75										.1	.3	.8	.7	.3				23	23		
[illegible] / 73								.1	.6	1.2	.9	.3	.2	.1				28	28		
[illegible] / 71						.1	.2	.4	1.4	1.9	1.0	.3	.2					51	51		
[illegible] / 69						.1	.5	.8	1.8	2.1	.3	.2	.1					53	53		
[illegible] / 67				.1	.4	.1	.7	1.6	1.7	1.4	.6	.6						64	65		
[illegible] / 65					.1	1.0	1.2	2.0	2.0	.8	.2	.1						68	7		
[illegible] / 63			.2		.3	1.4	1.9	1.2	2.2	.6	.2							77	77	1	
[illegible] / 61		.2			.3	1.6	2.1	1.8	1.1		.3							72	72	8	
[illegible] / 59					.2	.8	1.8	2.2	2.5	.9								71	71	15	2
[illegible] / 57			.2		.1	2.0	1.2	2.2	2.5	.2								92	82	35	5
[illegible] / 55		.1	.1		.6	1.9	1.2	1.2	1.4									59	59	84	9
[illegible] / 53			.1	1.2	.4	1.0	1.2	.3	.2									55	55	104	2
[illegible] / 51		.2	.2	1.4	.8	1.2	.9		.1									48	48	107	7
[illegible] / 49		.2	1.2	1.0	.2	.4	.4											44	44	132	21
[illegible] / 47		.2	.4	1.2	.6	.2	.9											29	29	112	39
[illegible] / 45		.2	1.1	.3	.1													21	21	101	55
[illegible] / 43		.2	.1	.4	.1													17	17	84	90
[illegible] / 41		.1	.2	.2														5	5	63	119
[illegible] / 39			.1	.1														3	3	34	105
[illegible] / 37			.1															1	1	8	78
[illegible] / 35																				7	89
[illegible] / 33																				2	94
[illegible] / 31																					76
[illegible] / 29																					54
[illegible] / 27																					19
[illegible] / 25																					22
[illegible] / 23																					6
[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						
						≤ 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

[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)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]																					5
TOTAL		1.5	4.4	8.4	9.0	13.0	15.5	14.6	12.3	5.0	5.1	1.2	2.1	.7	.1			897	[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	≤ 88 F	≤ 93 F	Total
Rel. Hum.	2651289	40341	45.0	16.285	897							
Dry Bulb	3413559	54883	61.2	8.618	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 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
7-/ 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		
7-/ 71								.2	.4	.7	.8	.6	.2					26	26		
7-/ 69						.2	.1	.4	1.4	1.4	.1	.1	.3					38	38		
6-/ 67						.3	.6	.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		
6-/ 61			.7	.1	.6	1.3	2.2	2.0	1.1	.1	.2							72	73		
6-/ 59				.9	1.4	2.2	1.8	2.0	.2	.1								78	79	10	
56/ 57				.7	7.8	1.4	1.6	1.4	.2									76	77	25	
54/ 55			.5	.6	1.9	2.6	2.9	.6										81	81	40	10
52/ 53			.7	.8	1.1	2.2	1.4	.1										57	57	71	4
50/ 51		.1	.2	3.2	1.2	1.7	1.7											73	73	117	5
4-/ 49		.4	.5	1.6	1.8	1.1	.3	.1										65	65	124	22
46/ 47		.2	1.2	1.0	1.1	1.1	.3											45	45	112	36
44/ 45		.1	1.6	1.6	.2	.7	.1											38	38	137	48
42/ 43		.2	.1	.8	.1													18	18	92	56
40/ 41		.4	.2	.2														14	14	80	125
3-/ 39		.2	.1	.1														4	4	48	104
36/ 37			.1															1	1	29	79
34/ 35																				9	88
32/ 33																				3	93
30/ 31																					92
2-/ 29																					49
26/ 27																					27
24/ 25																					23
22/ 23																					10
20/ 21																					6
1-/ 19																					7
16/ 17																					11
14/ 15																					2
12/ 13																					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	≥ 88 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

[redacted] 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)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL		[illegible]	7.8	12.2	[illegible]	16.5	15.3	11.3	9.9	4.2	[illegible]	2.2	.9	.9				897	[illegible]	897	897

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	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.	2380399	43703	48.7	16.742	897							
Dry Bulb	1486391	52181	58.[illegible]	8.237	9[illegible]			15.8	3.7			9[illegible]
Wet Bulb	2036613	42489	47.4	5.175	897							9[illegible]
Dew Point	1280653	33279	37.1	7.369	897		22.8					9[illegible]

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 | 74-82 YEARS | JUNE MONTH

PAGE 1 | 0600-0900 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
1 / 81											.1	.1	.3					5	5		
- / 79											.1	.3						4	4		
7 / 77										.2	.1	.2	.1	.2				8	9		
76 / 75									.4	.3	.4	.6	.1	.1				18	18		
74 / 73								.3	.2	.7	.6	.6	.2					24	24		
- / 71								.3	.4	.7	.8	.8	.1	.1				29	29		
7 / 69		.1				.2	.1	.6	.6	1.8	1.0	.6	.1	.2				48	49		
68 / 67				.1			.1	.2	2.1	1.6	1.9	.9	.2					65	65	1	
66 / 65					.3	.1	.2	1.8	2.1	2.3	.2	.2						72	73	1	1
64 / 63				.2	.1	.6	.8	2.3	1.2	1.6								61	61		1
62 / 61				.2	.2	1.8	1.6	2.5	2.3	1.5								96	87	8	
60 / 59					.8	1.2	1.8	2.8	1.6	.2	.1							76	78	26	
58 / 57				.1	.8	2.2	1.8	3.7	1.7	.1								93	93	29	4
56 / 55				.4	1.6	1.3	1.2	2.2	.8									70	70	64	9
54 / 53		.1		.3	1.7	1.5	1.6	1.1	.2									58	58	110	5
52 / 51		.2		.4	1.3	1.9	1.4	1.1										59	59	114	13
50 / 49		.3		.7	1.7	.8	.9	.1	.1									40	40	136	32
48 / 47		.2	1.2	.7	.4	.8												30	30	109	59
46 / 45		.1	.3	.9	.3	.3	.1											25	25	100	65
44 / 43		1.2	.4	.4	.2													20	20	90	76
42 / 41			.6															5	5	61	104
40 / 39																				27	118
38 / 37																				14	78
36 / 35																				6	95
34 / 33																					75
32 / 31																					70
30 / 29																					35
28 / 27																					27
26 / 25																					17
24 / 23																					4
22 / 21																					3
20 / 19																					2
18 / 17																					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	≤ 88 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)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
TOTAL		2.3	5.1	10.6	12.9	13.5	20.5	12.9	10.3	4.2	3.1	2.5	1.1	.3					896	9[illegible]	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	15.376	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	1901378	39898	38.9	6.862	896		16.2					90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | HILL AFB UT STATION NAME | 74-83 YEARS | JUN MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 87																	.2	2	2		
[illegible] / 91														.1		.1		2	2		
[illegible] / 89														.2	.3	.1		6	6		
98 / 87														.2		.2		5	5		
96 / 95												.3	.2	.8	.3	.1		16	16		
89 / 93									.1		.6	.3	1.6	.6				28	28		
[illegible] / 81									.1		.7	.7	.9	.6	.2	.1		29	29		
[illegible] / 79								.1		.7	1.2	1.2	1.1	.6	.6			49	49		
77 / 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 / 77			.1		.1	.2	.2	.7	2.7	2.2	1.8	.6	.2					80	80	1	
[illegible] / 7[illegible]					.2		.4	1.9	2.2	2.1	1.3	.3	.1					78	78		1
7 / 69						.2	1.4	2.0	2.8	.9	1.0	.1						80	81	3	
[illegible] / 67					.3	.3	.5	1.8	1.8	1.2	.1							58	58	3	3
66 / 65				.1	.1	.2	1.0	1.6	1.1	.9								49	52	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
[illegible] / 59				.1	.1	.2	1.4	1.3	.3									46	46	95	6
58 / 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
36 / 37																				2	86
34 / 35																				1	67
32 / 33																					48
30 / 31																					58
28 / 29																					22
26 / 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	≥ 92 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | HILL AFB UT STATION NAME | 74-87 YEARS | JUN MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] 25																					13
[illegible] 23																					3
[illegible] 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	4334769	61837	68.7	9.746	900			56.0	38.3	11.8	.2	90
Wet Bulb	2602635	48075	53.5	8.677	898			.7	.1			90
Dew Point	1573762	37026	41.2	7.298	898		13.5	.8				90

USAFETAC FORM AA 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 | 74-81 YEARS | JUN MONTH

PAGE 1 | 1200-1800 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 97														.1			.3	4	4		
[illegible] / 95																	.7	6	6		
[illegible] / 93																.4	1.1	14	14		
[illegible] / 91														.1	.1	.3	.9	13	13		
[illegible] / 89													.1	.9	.7	.9	.3	26	24		
[illegible] / 87										.1		.2	.9	.8	.3	.8	.3	35	35		
[illegible] / 85										.1	.1	.3	.7	1.2	1.6	.3	.1	40	40		
[illegible] / 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	75		
[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		
72 / 71							.1	.1	1.1	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									2	20	114	5
58 / 57				.7	.7	.7	.3	.7	.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	58
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)	$\Sigma_{X'}$	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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 7 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[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	6.7	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	≥ 88 F	≥ 93 F	Total
Rel. Hum.	1[illegible]8325	28379	31.6	15.31[illegible]	899							
Dry Bulb	5[illegible]9559	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				9[illegible]
Dew Point	1[illegible]6567	35409	39.4	7.699	899		17.6					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

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

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]																	.8	7	7		
[illegible]																	.9	8	8		
[illegible]																.7	2.1	21	[illegible]		
[illegible]													.1	.1	.4	.7	2.1	[illegible]	[illegible]		
[illegible]													.1	.4	.3	.7	.9	18	[illegible]		
[illegible]												.2	.7	.6	.6	1.2	.6	34	34		
[illegible]											.3	.2	.6	1.2	1.9	1.1	.7	53	54		
[illegible]										.1	.2	.8	1.1	2.2	3.3	1.8		79	[illegible]		
[illegible]								.1		.3	1.1	1.3	1.9	2.1	1.7			77	77		
[illegible]								.1		.3	1.7	2.1	2.2	3.2	.3			[illegible]	[illegible]		
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
[illegible] / 59					.3	.9	.7	.4	.6									25	25	114	3
58/ 57				.3	.2	.8	.4	.1	.1									19	19	122	5
56/ 55		.1		.3	.1	.3	.1	.1	.1									11	11	145	9
[illegible] / 53		.2	.3		.2	.2		.3										12	12	113	9
52/ 51				.3	.2	.2												6	6	101	20
[illegible] / 49		.3		.3														6	6	61	32
48/ 47			.6	.4	.2													8	8	51	41
46/ 45		.1		[illegible]		.1												3	3	36	67
44/ 43			.1		.1													2	2	19	66
[illegible] / 41																				4	85
[illegible] / 39		.1																1	1	8	76
38/ 37																				2	99
36/ 35																				1	79
[illegible] / 33																					78
[illegible] / 31																					34

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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 STATION | HILL AFB UT STATION NAME | 74-83 YEARS | JULY 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																					11
26 / 27																					49
26 / 25																					32
24 / 23																					7
22 / 21																					7
1 / 19																					5
17 / 17																					1
TOTAL	.0	1.1	1.8	2.3	4.0	3.2	5.4	5.9	8.1	13.3	11.1	10.0	11.7	8.7	4.9	7.6		900			897
																	897		897		

Element (X)	$\Sigma X_i'$	ΣX_i	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	929915	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	1335525	33918	37.8	7.561	897		23.7					90

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
74-83 — YEARS
JUN — MONTH

PAGE 1 — 1800-2100 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] / 95																	.3	3	7		
[illegible] / 97																	.8	7	7		
[illegible] / 93															.1	.1	.9	19	19		
[illegible] / 95														.2	1.5	.8	.1	19	19		
[illegible] / 87												.	.3	.1	.7	.7	.1	18	18		
[illegible] / 85												.9	.2	.7	1.2	.4		27	27		
[illegible] / 83											.1	.9	1.3	1.7	1.2	.3		50	5[illegible]		
[illegible] / 81									.1	.2	.5	1.0	2.0	1.2	1.[illegible]	.1		59	59		
[illegible] / 79									.1	.6	.9	2.0	1.3	1.9	.3			59	59		
[illegible] / 77								.2	.3	1.4	2.0	2.0	1.9	.8				78	78		
[illegible] / 75								.4	.9	1.8	2.3	2.8	1.0	.6				88	88		
[illegible] / 73					.2	.2		.8	.9	1.4	2.0	.8	.9					65	65		
[illegible] / 71					.1			.4	1.3	2.1	1.7	.8	.2					5[illegible]	6[illegible]		
[illegible] / 69					.1		.7	.7	1.2	1.9	1.2	.3	.2					57	58		
[illegible] / 67						.1	.2	.4	1.3	1.4	1.0	.1						42	47		
[illegible] / 65				.[illegible]		.2	.6	.7	1.0	1.1	1.0	.2						44	44	7	
[illegible] / 63						.1	.2	.6	.4	1.4	.1							31	31	25	
[illegible] / [illegible]			.1	.2	.4	.7	.9	.6	1.2	.2								41	41	55	2
[illegible] / 59			.1	.2	.6	1.1	.4	.7	.4	.1								35	35	99	7
[illegible] / 57				.6	.1	.2	.7	.7										25	25	123	3
[illegible] / 55		.1	.1	1.3	.4	.2	.3	.1										29	29	122	9
[illegible] / 53			.4		.1	.2	.1											13	13	126	8
[illegible] / 51			.1	.1	.3	.2												7	7	104	26
[illegible] / 49		.1	.1	.2	.1													7	7	92	38
[illegible] / 47		.1	.1	.6														9	9	59	45
[illegible] / 45			.4	.4		.1												9	9	54	67
[illegible] / 43		.1	.2	.1	.1													5	5	26	69
[illegible] / 41			.1															1	1	5	99
[illegible] / 39																				7	79
[illegible] / 37																				1	89
[illegible] / 35																				1	87
[illegible] / 33																					77
[illegible] / 31																					61
[illegible] / 29																					48

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

725756 (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)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[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.[illegible]	11.5	9.5	6.6	5.6	2.4	2.2		898	[illegible]	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.[illegible]	10.459	900			64.9	98.3	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 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 | JUN MONTH

PAGE 1 | 21°C-23°C HOURS (L.S.T.)

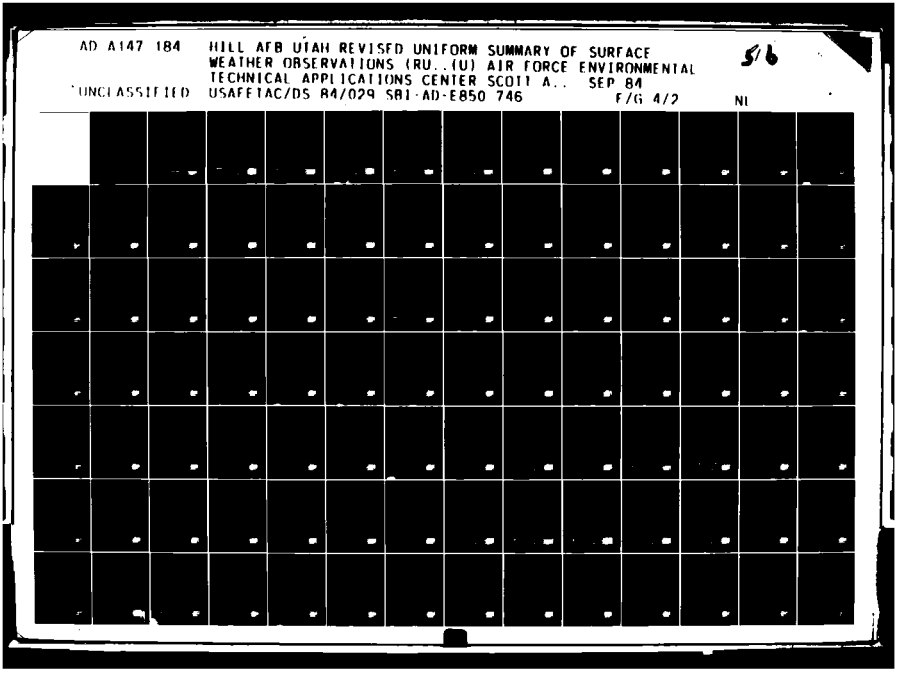
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 83														.1	.1	.2		4	4		
[illegible] / 83												.1	.6	.7	.2			14	14		
[illegible] / 81												.6	.7	.7				17	17		
[illegible] / 79										.2	.1	.6	.7	1.5	.3			29	29		
7[illegible] / 77											.3	1.0	1.0	.7	.1	.4		46	47		
[illegible] / 75									.1	.4	1.1	1.2	1.6	.6	.2			48	48		
7[illegible] / 73							.1	.4	1.1	1.0	1.6	.8	.4	.2				51	51		
[illegible] / 71						.1		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		
6[illegible] / 65					.1	.1	1.6	2.5	1.8	1.4	.1							71	72	1	
[illegible] / 63			.1	.1	.2	.3	1.4	1.2	2.7	.4	.1							65	65	2	1
[illegible] / 61			.1	.4	.4	.3	1.	1.6	1.5	.1								90	90	12	
[illegible] / 59					.1	1.1	1.4	2.2	1.1									63	63	45	
[illegible] / 57			.1	.6	.5	.4	1.4	1.3	.1	.1								45	45	79	5
[illegible] / 55	.1	.1	1.3	1.3	.7	.7	1.1	.8	.2	.1								53	53	102	5
[illegible] / 53		.1	1.1	.6	.9	.9	.4	.1										39	39	127	9
[illegible] / 51		.1	1.3	1.1	.3	.2	.4											25	27	151	10
[illegible] / 49	.1	.4	.8	1.1	.5													22	22	118	26
[illegible] / 47		.4	.2	.2	.2													3	9	95	44
[illegible] / 45	.4	.5	.2															14	14	75	73
[illegible] / 43	.1	.3	.2															5	5	57	98
[illegible] / 41		.3	.1															4	4	33	87
[illegible] / 39		.2																		19	99
[illegible] / 37		.2																	2	3	99
[illegible] / 35																				.1	95
[illegible] / 33																				2	66
[illegible] / 31																					57
[illegible] / 29																					44
[illegible] / 27																					19
[illegible] / 25																					7
[illegible] / 23																					3
[illegible] / 21																					2
[illegible] / 19																					1

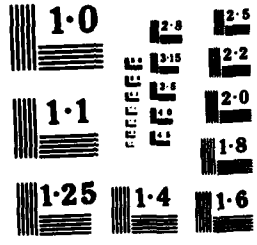
Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) 84-84 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
1·1
1·25
1·4
1·6
1·8
2·0
2·2
2·5

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72756 — STATION
HILL AFB UT — STATION NAME
74-83 — YEARS
JUN — 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
-4/-7																					1
-2/-5																					1
0/-3																					4
TOTAL		1.5	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			9??		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	≤ 92 F	Total
Rel. Hum.	1700727	36245	40.4	6.236	897							
Dry Bulb	3899332	58699	65.2	9.329	900			42.7	20.3	9.9		90
Wet Bulb	2353218	45710	51.0	5.199	897							90
Dew Point	1368296	34660	38.9	6.870	897		38.2					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

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

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
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		
84/ 81								.0	.0	.1	.4	.6	1.1	.8	.5	.1		267	268		
82/ 79						.0		.1	.1	.3	.8	1.1	1.0	.9	.2			319	319		
80/ 77			.0		.0	.0	.0	.1	.2	.7	1.0	1.4	1.0	.5	.1			363	363		
78/ 75						.0	.0	.2	.5	1.0	1.3	1.2	.6	.3				368	369		
76/ 73			.0		.1	.1	.1	.4	.9	1.1	1.2	.7	.4	.1				367	367	1	
74/ 71					.1	.0	.2	.6	1.1	1.3	1.4	.5	.1					382	382	1	1
72/ 69		.0			.1	.2	.5	1.0	1.7	1.4	1.1	.3	.1					459	461	7	
70/ 67		.0	.0	.0	.1	.2	.8	1.3	1.7	1.2	.7	.2						449	453	16	3
68/ 65				.0	.1	.0	1.1	1.5	1.4	.8	.5	.1						434	439	43	3
66/ 63			.1	.1	.2	.7	1.4	1.2	1.4	.7	.1							425	425	130	3
64/ 61		.0	.1	.2	.6	1.0	1.3	1.9	1.0	.3	.1							421	423	262	7
62/ 59			.0	.3	.8	1.3	1.4	1.4	.5	.0								414	417	518	19
60/ 57			.1	.5	1.2	1.0	1.4	1.1	.2	.0								405	406	667	31
58/ 55		.1	.3	.9	1.0	1.0	1.1	.6	.0	.0								358	358	797	64
56/ 53		.0	.4	.7	.6	1.0	.7	.2	.0									256	256	883	63
54/ 51		.1	.2	1.0	.8	.8	.5		.0									214	244	871	134
52/ 49		.3	.7	.8	.6	.3	.2	.0										202	202	811	265
50/ 47		.2	.6	.5	.3	.1	.1											143	143	692	396
48/ 45		.2	.7	.5	.1	.2	.0											125	125	589	578
46/ 43		.5	.3	.3	.1													76	76	429	622
44/ 41		.1	.3	.1														35	35	284	767
42/ 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																					662

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | HILL AFB UT STATION NAME | 74-83 YEARS | JUN MONTH

PAGE 2 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible] / 99																						34
[illegible] / 97																						219
[illegible] / 95																						172
[illegible] / 23																						51
[illegible] / 21																						43
[illegible] / 19																						23
[illegible] / 17																						2
[illegible] / 15																						5
[illegible] / 13																						8
TOTAL		1.5	3.9	6.2	6.8	8.5	10.6	11.1	10.9	8.9	8.9	6.7	5.5	4.3	2.9	1.6	1.7		72[illegible]		7179	
																		7179		7179		

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.	133008864	282758	39.[illegible]	7.347	7179							
Dry Bulb	33086639	481013	66.[illegible]	13.996	7200			363.7	238.1	108.2	7.2	720
Wet Bulb	19926766	370922	51.7	6.043	7179			1.9	.1			720
Dew Point	13127688	272663	38.7	7.388	7179		169.5	.8				720

USAFETAC FORM 0-26-5 (OL A) 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)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
8 / 7															.1	.1		2	2		
78 / 77														.1				1	1		
76 / 75												.1	.2					3	3		
74 / 73										.2	.2	.4	.6	.1				16	16		
72 / 71								.1	.2	.5	1.0	.9	.6	.3	.3			37	37		
70 / 69							.1	.2		.5	1.2	1.7	2.2	1.1	.1	.1		67	67		
68 / 67							.1	.9	1.4	2.6	2.3	1.0	.2					78	78		
66 / 65						.1	.6	.8	1.5	2.3	2.7	2.6	.3	.2	.2			111	111		
64 / 63					.6	.6	1.0	2.0	4.0	2.7	2.2	.4	.3					129	129		
62 / 61				.1	.4	1.6	2.4	3.3	2.9	2.6	1.5	.2	.2					144	144		
60 / 59			.1	.3	.3	1.1	1.4	2.3	2.6	1.8	1.3	.1						175	175	3	
58 / 57			.6	.6	1.1	.2	.4	2.6	2.3	1.0	.2							89	89	2	
56 / 55		.2	.2	.4	1.0	.6	1.4	.9	.8	.3								54	54	33	1
54 / 53	.1	.1	.3	1.2	.4	.6	.9	.6	.3									43	43	58	11
52 / 51			.1	.4	.2	.3	.2	.3										15	15	101	15
50 / 49		.1	.3	.2	.2	.3	.4	.6										21	21	174	17
48 / 47		.2					.1											3	3	168	28
46 / 45			.5	.2	.1	.1												9	9	127	43
44 / 43			.1		.1													2	2	126	67
42 / 41			.1															1	1	90	66
40 / 39																				38	54
38 / 37																				15	117
36 / 35																				5	85
34 / 33																					81
32 / 31																					85
30 / 29																					80
28 / 27																					64
26 / 25																					29
24 / 23																					48
22 / 21																					14
																					7
																					5
																					8
																					5

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 24-64 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 | 74-83 YEARS | JUL MONTH

PAGE 2 0000-2200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
- / 15																					2
10/ 15																					2
TOTAL	.4	.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	937	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	≥ 88 F	≥ 93 F	Total
Rel. Hum.	1725633	37525	40.3	15.089	930							
Dry Bulb	9598239	65168	70.1	5.842	930			69.3	31.5	8.1		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

726755 HILL AFB UT 74-83 JUL

STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
9 / 89															.3			2	2		
94/ 87													.2	.2				4	4		
9 / 8												.2			.1			3	3		
8 / 79									.1	.3	.1	.2		.2	.3			12	12		
76/ 77									.4	.1	1.0	.4	.2					20	20		
76/ 75						.2		.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		
71/ 71					.3	.8	.4	1.8	3.1	2.2	1.3	.2	.1					95	95		
7 / 69				.3	.2	1.5	2.0	2.2	2.9	2.2	.9	.1	.1					115	115		
66/ 67		.1	.5	.3	1.0	2.2	2.0	3.3	1.8	1.3	.8		.1					122	122	1	
66/ 65			.3	.5	1.0	1.1	2.9	3.4	2.0	.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 / 59				.9	.3	.9	1.3	1.1	.5									46	46	56	17
5 / 57			.4	.4	.4	1.4	.5	.1										31	31	132	9
54/ 55			.1		.2	.4	.6	.2										15	15	150	35
54/ 53		.1	.3	.2	.1	.4	.2											17	17	153	32
5 / 5				.3														3	3	118	69
5 / 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 / 39																					87
37/ 37																					89
36/ 35																					80
34/ 33																					33
32/ 31																					44
3 / 29																					22
28/ 27																					7
26/ 25																					10
22/ 21																					3
2 / 19																					2
18/ 17																					1

Element (X)	$\Sigma_{R'}$	Σ_R	$\bar{X}$	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 | JUL MONTH

PAGE 2 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]																					1
TOTAL		.5	2.5	5.6	9.7	11.4	15.3	18.4	18.1	10.4	6.7	2.5	1.2	.8	.6			930	93[illegible]	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.	1978938	40626	43.7	18.809	930							
Dry Bulb	8211780	62272	67.0	8.878	930			48.9	15.7	1.5		93
Wet Bulb	2702143	49999	53.7	8.576	930			.1				93
Dew Point	1758933	39763	42.8	7.958	930		9.2					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

725765 HILL AFB UT 74-87 (11)
STATION STATION NAME YEARS MONTH

PAGE 1 0600-0900
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
98/ 97														.1				1	1		
96/ 95														.1				1	1		
94/ 93												.2		.2				4	4		
92/ 91										.1	.2	.2	.1		.1			7	7		
90/ 89									.2	.2	.4	.1		.1				14	14		
88/ 87								.3	.4	.5	.8	.4	.2		.1			27	27		
86/ 85							.2	1.1	.9	1.7	2.6	.4	.2					66	66		
84/ 83						.9	.6	1.0	1.7	1.1	1.8	.4						70	70		
82/ 81					.3	1.8	1.1	2.5	3.2	2.5	.8	.5	.1					119	119		
80/ 79				.3	1.2	1.5	3.3	2.6	2.6	2.0	.5							131	131		
78/ 77		.1	.3	.2	.9	1.9	3.1	2.9	3.3	.9	.4							129	129		
76/ 75			.5	1.2	1.5	1.9	2.7	2.7	2.7	1.1	.1							132	132	7	
74/ 73		.1	.1	.3	1.2	1.7	1.8	2.4	1.2	.1								79	79	30	3
72/ 71		.1		1.2	.5	1.1	1.8	1.9	.9									70	70	66	6
70/ 69			.4	.6	.4	.2	1.4	1.2	.4									42	42	86	13
68/ 67			.2	.1	.4	.5	.2	.5										19	19	148	23
66/ 65		.1	.1		.3	.3	.2	.1										11	11	161	43
64/ 63		.1	.1	.1	.1	.1	.2											7	7	141	99
62/ 61		.1		.2	.1													4	4	117	83
60/ 59		.1																1	1	85	62
58/ 57																				56	86
56/ 55																				25	93
54/ 53																				8	82
52/ 51																					79
50/ 49																					87
48/ 47																					86
46/ 45																					47
44/ 43																					29
42/ 41																					38
40/ 39																					17
38/ 37																					3
36/ 35																					4
34/ 33																					1
32/ 31																					1

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 75 F	≥ 88 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

[redacted] STATION | HILL AFB UT STATION NAME | 74-83 YEARS | [redacted] MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
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[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.	1992724	41092	49.2	13.806	93[illegible]							
Dry Bulb	4328687	63231	68.[illegible]	5.684	93[illegible]			56.5	18.6	1.8		93
Wet Bulb	2806215	50913	59.7	4.519	93[illegible]							93
Dew Point	1871362	41118	49.2	7.878	93[illegible]		6.8					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72375 STATION | HILL AFB UT STATION NAME | 74-83 YEARS | ALL MONTH

 1900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
93 / 91																.2		2	2		
92 / 90													.1	.1	.4	.2		8	8		
90 / 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		
82 / 81								.1	.8	1.9	3.4	2.4	1.8	.6	.4			99	99		
80 / 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	.8	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
60 / 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

725760 STATION | HILL AFB UT STATION NAME | 74-83 YEARS | HILL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	D	OTAL ... Bulb	Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL		.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.	1342088	33360	35.9	12.510	930							
Dry Bulb	5608909	71989	77.4	6.218	930			88.8	74.2	35.8	.2	93
Wet Bulb	3296123	55293	59.4	3.968	930			1.3				93
Dew Point	2098150	43578	46.9	7.201	930		2.5					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 1 1200-1800 Z
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/ 99																	.1	2			
98/ 97																	.2	2			
96/ 95															.1	.6	.5	12	12		
94/ 93													.2	.2	.9	1.9	1.1	19	19		
/ 91										.1			.3	.8	2.5	1.4	1.1	57	57		
90/ 89												.4	1.1	2.2	3.3	2.6	1.3	111	111		
88/ 87											.6	1.0	2.0	3.4	1.9	1.2	1.1	105	105		
86/ 85										1.0	1.4	3.5	3.0	3.1	2.1	1.6	.2	148	148		
84/ 83									.3	1.1	1.6	2.3	2.7	2.2	1.1	1.1		116	116		
82/ 81								.2	1.3	1.2	1.6	2.0	2.5	1.4	1.1	.1		106	106		
80/ 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	.2	.9	.2	.3	.4	.1						24	24		
72/ 71				.1	.1		.2	.1	.1	.2	.4							15	15		
70/ 69			.1	.2				.2	.2	.3	.1							12	12	5	
68/ 67			.1			.2	.1	.2		.8								13	12	46	
66/ 65		.1			.2		.2	.1										4	4	111	3
64/ 63	.2																	1	1	190	2
62/ 61								.1										3	3	181	16
60/ 59					.1			.2										3	3	184	29
58/ 57					.1													1	1	138	35
56/ 55				.1														1	1	66	46
54/ 53																				29	53
52/ 51																				7	78
50/ 49																				9	67
48/ 47																				2	99
46/ 45																				1	106
44/ 43																					99
42/ 41																					73
40/ 39																					51
38/ 37																					55
36/ 35																					36
34/ 33																					28

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
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION HILL AFB UT STATION NAME 74-81 YEARS [redacted] MONTH

PAGE 1 1200-1800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible]																						33
[illegible]																						57
[illegible]																						2[illegible]
[illegible]																						3
TOTAL	.0	.0	.3	.[illegible]	.8	1.[illegible]	1.4	5.[illegible]	4.5	8.2	9.[illegible]	17.6	13.3	13.7	12.9	1[illegible].4	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.[illegible]	8.[illegible]30	93[illegible]		7.3	.1				93

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

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13755 STATION | HILL AFB, UT STATION NAME | 74-82 YEARS | JULY MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL O.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
/ 99																.1	.1	1			
98 / 97																.1	.4	5	5		
96 / 95										.1					.1	.5	2.8	73	33		
94 / 93										.2				.2	.9	2.0	4.0	67	67		
92 / 91													.4	.8	2.4	3.2	3.1	92	92		
90 / 89											.1	.6	.8	2.5	3.8	2.7	3.3	132	132		
88 / 87										.1	.2	1.1	1.4	3.1	3.4	2.2	2.1	133	134		
86 / 85										.2	.5	1.4	2.6	2.5	1.2	2.5	.3	111	111		
84 / 83									.5	.3	1.1	2.0	1.8	1.5	1.9	.5		91	91		
82 / 81								.4	.3	1.2	1.2	.8	2.3	.8	.6			71	71		
80 / 79							.2	.9	.8	.4	.9	.8	1.5	1.0	.2	.1		65	65		
78 / 77						.2		.5	.6	.8	.6	1.3	.7					41	41	1	
76 / 75					.1	.2	.1	.3	.5	.1	.2	.5						23	27	2	
74 / 73					.1	.2	.1	.2	.3	.1	.3	.3						16	19		
72 / 71				.2	.1		.2	.3	.3		.3	.1						15	15		1
70 / 69				.2	.2	.1		.3	.1	.1	.2							12	12	3	2
68 / 67			.1								.1							4	4	44	
66 / 65					.2	.1	.4											5	5	79	1
64 / 63		.1					.1			.2								4	4	174	4
62 / 61						.1	.1	.1										3	3	193	16
60 / 59		.1	.2	.1														4	4	160	13
58 / 57																				129	24
56 / 55																				110	35
54 / 53																				16	42
52 / 51																				11	47
50 / 49																				5	58
48 / 47																					74
46 / 45																				2	87
44 / 43																					88
42 / 41																					81
40 / 39																					91
38 / 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						
Ref. Num.						≤ 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) AS 24 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 | JUL MONTH

PAGE 2 | 1500-1700 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]																						59
[illegible]																						39
[illegible]																						22
[illegible]																						3
[illegible]																						1
[illegible]																						1
TOTAL		.2	.9	.4	3.0	1.9	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 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 — 74-81 — [illegible]
STATION — STATION NAME — YEARS — MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible] / 87																.1	.3	4	4			
[illegible] / 91										.1				.1	.2	.5	.9	17	17			
9 / 9[illegible]														.4	.9	1.5	1.4	39	39			
9 / 89									.1			.2	.2	1.6	1.8	2.5	1.1	7[illegible]	7[illegible]			
85 / 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			
94 / 97									.1	.5	1.4	2.0	2.9	2.5	1.7	1.[illegible]	.2	115	115			
9 / 8[illegible]									.1	1.2	2.2	2.3	2.8	1.8	1.2			107	107			
9 / 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]			
[illegible] / 69				.4	.2		.6	.5	.2	.1	.4							24	24	2		
6[illegible] / 67			.[illegible]	.1	.2	.[illegible]	.2	.1	.2	.[illegible]	.[illegible]							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	
5[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	
[illegible] / 53																				65	39	
52 / 5[illegible]																				17	71	
5[illegible] / 49																				7	68	
48 / 47																				2	6[illegible]	
46 / 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						
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) 80-04 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] 755 | HILL AFB UT | 74-82 | JUL
STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
[illegible] / 27																						15
[illegible] / 25																						1
[illegible] / 23																						1
[illegible] / 21																						
[illegible] / 19																						1
TOTAL	.5	.7	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]

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	6.995	93[illegible]			30.0	83.0	59.1	2.1	93
Wet Bulb	3296937	55261	59.4	3.788	93[illegible]			1.8	.3			93
Dew Point	1892583	47655	43.7	8.388	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

12755 STATION | HILL AFB UT STATION NAME | 74-83 YEARS | JUL MONTH

PAGE 1 | 2100-2700 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 97															.1	.1	.1	1			
[illegible] / 91																		2	2		
98 / 87												.1			.1			4	4		
[illegible] / 95												.3	.1	.3	.3			10	10		
[illegible] / 87						.1					.5	.4	.8	1.3	.3			32	32		
[illegible] / 81							.1		.1	.2	1.2	2.2	1.6	1.0	.1	.3		63	63		
[illegible] / 79							.1	.3	.3	.8	2.8	2.5	1.8	1.0	.1			90	90		
78 / 77							.2	.4	.8	2.6	3.1	3.1	1.7	.2	.1			114	114		
76 / 75							.1	1.6	1.3	3.3	3.1	2.7	2.0	.3	.1			140	140		
[illegible] / 73				.2	.2	.6	1.5	1.9	2.3	2.9	2.9	1.7	.4					132	132	1	
[illegible] / 71				.2	.4	1.2	2.0	1.2	2.8	1.6	1.3	.3						112	112		
[illegible] / 69				.2	.2	.6	.8	.8	2.2	2.0	1.1	.3						88	88	1	1
68 / 67				.6	.3	.6	.1	1.1	1.6	.9	.1							52	52	4	
66 / 65			.1	.4	.8	.2	.6	.6	.2	.3								33	33	13	
64 / 63		.1	.1	.2	.3	.5	.1	.5	.2									22	22	49	6
62 / 61				.4	.4		.1	.2	.1									14	14	109	4
[illegible] / 59			.1	.2	.2	.1												7	7	150	16
58 / 57		.1	.1		.1	.1		.1										7	7	180	34
56 / 55		.1	.1	.1														3	3	144	31
54 / 53			.1		.2													3	3	128	48
[illegible] / 51	.1																	1	1	91	46
[illegible] / 49																				42	68
[illegible] / 47																				12	68
46 / 45																				5	1.1
44 / 43																				1	73
[illegible] / 41																					84
[illegible] / 39																					79
[illegible] / 37																					72
[illegible] / 35																					75
[illegible] / 33																					33
[illegible] / 31																					40
[illegible] / 29																					29
[illegible] / 27																					6
[illegible] / 25																					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	≥ 88 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 84 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 HILL AFB UT 74-83 JUL

STATION STATION NAME YEARS MONTH

PAGE 1 2400-2359 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] 2																						5
[illegible] 2																						1
[illegible] 6																						1
[illegible] 7																						1
TOTAL	.1	.3	1.[illegible]	3.[illegible]	3.7	4.5	6.[illegible]	9.7	10.4	15.3	16.5	14.6	8.[illegible]	4.[illegible]	1.5	.9	.1	93[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.	1397240	33378	35.9	14.657	930							
Dry Bulb	5122399	68867	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	1814888	40389	43.4	8.223	930		8.9	.1				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

[redacted] STATION | HILL AFB UT STATION NAME | 74-83 YEARS | [redacted] MONTH

PAGE [redacted] | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[redacted] / 99																	.1	3	3		
98/ 97																.0	.1	7	7		
96/ [redacted]										.0					.0	.2	.5	49	49		
94/ 93										.0			.0	.1	.2	.6	.7	126	126		
[redacted] / 91										.1			.1	.1	.6	.8	.7	2[redacted]	2[redacted]		
[redacted] / 89									.0		.0	.2	.3	.8	1.2	1.[redacted]	.3	316	316		
88/ 87									.0	.0	.2	.3	.8	1.1	1.1	.6	.5	362	363		
86/ [redacted]								.0	.0	.2	.4	1.0	1.3	1.2	.8	.8	.1	431	431		
84/ 83						.0			.1	.3	.8	1.1	1.3	1.2	.7	.3	.0	435	435		
[redacted] / 81							.0	.1	.3	.8	1.3	1.3	1.4	.7	.5	.1		471	471		
78/ 77						.0	.1	.3	.7	1.0	1.3	1.5	1.0	.6	.2	.0		515	515		
76/ 75						.1	.3	.6	.9	1.3	1.6	1.6	.7	.1	.0			535	535	1	
74/ 73					.0	.2	.4	1.1	1.0	1.6	1.7	1.1	.4	.0	.0			572	572	4	
72/ 71				.0	.1	.5	.8	1.1	1.5	1.7	1.5	.5	.1	.1				555	555	1	
70/ 7[redacted]			.0	.0	.3	.6	.6	1.4	1.8	1.5	1.0	.3	.1					596	586	2	1
68/ 69			.1	.4	.4	.8	1.3	1.3	1.4	1.3	.6	.1	.1					572	572	12	4
66/ 67		.0	.2	.2	.4	.9	.9	1.3	1.2	.8	.3	.0	.0					47[redacted]	47[redacted]	121	3
64/ 65		.0	.2	.3	.6	.6	.9	1.2	1.1	.4	.1	.0						411	411	333	6
62/ 63		.1	.1	.3	.5	.6	.8	.9	.6	.2								293	293	764	29
60/ 61	.0	.1	.1	.5	.7	.4	.7	.7	.4									227	227	1012	75
58/ 59		.0	.1	.3	.2	.3	.4	.3	.1									170	130	1032	132
56/ 57		.0	.1	.1	.2	.3	.1	.2										83	83	1291	207
54/ 55		.1	.1	.0	.1	.1	.1	.0										35	35	1007	331
52/ 53		.1	.2	.1	.1	.1	.1											36	36	723	375
50/ 51	.0	.1	.1	.1	.0													13	13	504	552
48/ 49		.0	.0	.0	.0													5	5	373	525
46/ 47				.0														1	1	190	611
44/ 45																				88	758
42/ 43																				26	684
40/ 41																				3	634
38/ 39																					613
36/ 37																					552
34/ 35																					456
32/ 33																					287

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) AS 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 2 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[redacted]																						3.9
[redacted]																						175
[redacted]																						88
[redacted]																						35
[redacted]																						17
[redacted]																						13
[redacted]																						7
[redacted]																						2
[redacted]																						1
TOTAL	.1	.4	1.1	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	428911	57.6	9.897	7439			19.3	.8			744
Dew Point	149375[illegible]27	327861	44.1	8.097	7439		48.8	.8				744

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
AUG — MONTH

0001-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
98 / 97													.1					1	1		
96 / 95														.2				2	2		
94 / 93													.1	.2				3	3		
92 / 91												.2	.5					9	9		
90 / 89								.1	.2	.9	.5	.9	.5	.2	.2			33	33		
88 / 87							.1	.4	.9	.5	.4	1.2	1.0	.1				43	43		
86 / 85						.1	.1	.2	.8	1.0	1.3	1.3	.8	.1				54	54		
84 / 83						.4	.1	.5	1.7	1.1	2.3	1.6	.6	.2				78	78		
82 / 81					.2	.9	.9	1.6	2.4	2.3	3.7	1.5	.3					127	127		
80 / 79				.3	.6	.5	1.2	2.2	3.1	3.1	2.5	1.9						144	144		
78 / 77			.2	.8	.5	1.6	1.9	1.6	2.3	2.0	1.0	.2						113	113		
76 / 75		.1	.3	.6	.5	1.8	1.2	1.6	2.2	1.7	.2							103	103	5	
74 / 73		.1	.2	.3	.6	1.5	.9	.9	1.4	1.8	.1							75	75	33	4
72 / 71		.1	.1	.6	.7	.4	.4	1.3	.4	.9	.1							40	40	58	11
70 / 69		.1	.4	.6	.6	.5	.2	1.0	.2	.3								37	37	58	19
68 / 67		.2		.1	.3	.9	.1	.5	.1	.1								24	24	99	22
66 / 65		.1		.1	.1	.9	.5		.2									19	19	149	19
64 / 63		.1	.1	.2	.1	.8	.1											14	14	136	24
62 / 61		.1	.1		.1	.2												7	7	146	43
60 / 59						.1												1	1	104	66
58 / 57				.1														1	1	74	64
56 / 55				.1														2	2	39	66
54 / 53																				19	51
52 / 51																				10	61
50 / 49																				4	71
48 / 47																					67
46 / 45																					75
44 / 43																					74
42 / 41																					75
40 / 39																					39
38 / 37																					25
36 / 35																					27
34 / 33																					7
32 / 31																					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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]																					7
[illegible]																					2
[illegible]																					1
TOTAL		.5	7.	4.2	1.4	7.5	7.8	11.9	15.8	15.3	12.3	3.8	.8	1.1	.2			97	93	97	93
																		97		97	

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.	1697169	367.0	39.5	16.368	930							
Dry Bulb	4388419	63613	68.4	8.330	930			60.7	22.3	2.6		93
Wet Bulb	2689757	49801	53.5	4.969	930							93
Dew Point	1630084	37976	40.8	9.282	930		18.5					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] 755 STATION | HILL AFB, UT STATION NAME | 74-81 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 82													.1	.1				2	[illegible]		
[illegible] / 81													.1					1	[illegible]		
[illegible] / 79										.1	.3	.3	.7		.1			[illegible]	[illegible]		
78 / 77								.1	.1	.3	.1	.2		.1	.1			[illegible]	[illegible]		
76 / 75									.9	.4	.8	.4	.1					24	24		
74 / 73						.1	.3	1.4	.8	1.0	1.2	.8						51	51		
[illegible] / 71					.7	.4	1.5	1.6	1.0	1.8	1.7	.8	.3					82	82		
[illegible] / 69			.1	.1	.8	.6	.5	1.1	1.4	2.8	2.1	.5						58	98		
[illegible] / 67				.2	.5	.6	1.6	2.2	1.8	2.9	1.6							109	109		
[illegible] / 65		.2	1.1	1.2	1.2	2.2	3.8	3.1	3.2	2.6	1.2							178	178	1	
[illegible] / 63		.4	.2	.4	.9	1.9	2.4	1.8	2.4	1.4	.1							111	111	14	2
[illegible] / 61		.1		.5	1.6	1.1	.5	1.3	1.5	.4								66	66	38	7
[illegible] / 59			.1	1.2	.6	.3	.9	1.7	1.3	.2								58	58	66	4
[illegible] / 57			.4	.6	.6	1.1	1.1	.6	.4									46	46	61	19
55 / 55		.1	.1	.2		1.1	.8	.1	.2									28	28	107	21
[illegible] / 53		.1		.3	.2	.4	1.2											22	22	137	18
[illegible] / 51		.1	.2	.1	.5	.8		.2										16	16	155	44
[illegible] / 49		.1	.1		.1	.1	.1	.2										11	11	111	79
[illegible] / 47					.1	.1												4	4	109	54
[illegible] / 45				.1														3	3	65	69
[illegible] / 43																				35	62
[illegible] / 41																				18	53
[illegible] / 39																				8	68
[illegible] / 37																				5	76
[illegible] / 35																					62
[illegible] / 33																					71
[illegible] / 31																					71
[illegible] / 29																					62
[illegible] / 27																					29
[illegible] / 25																					27
[illegible] / 23																					10
[illegible] / 21																					2
[illegible] / 19																					8
[illegible] / 17																					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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72575 HILL AFB UT — 74-83 — AUG
STATION — STATION NAME — YEARS — MONTH

PAGE 2 — 0300-0500 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL																		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.	1992285	39709	42.7	16.298	930							
Dry Bulb	3997881	60763	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) 80 84 — 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 | 0600-0900 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 81												.1						1	1		
[illegible] / 76										.1	.2	.3	.3					5	3		
77 / 77								.1	.6	.5	.2	.1	.1	.				7	17		
76 / 75							.1	.2	.3	.9	.8	.9	.6	.1				35	35		
74 / 73						.4	.2	1.5	.9	1.6	1.2	.5	.1					60	6		
73 / 71						.9	.2	1.9	1.5	1.1	1.1	.8						70	7		
71 / 69				.4	.2	1.4	1.7	1.5	1.9	1.9	1.7	.2	.1					97	97		
69 / 67			.1	.6	.8	1.4	2.2	2.8	2.5	2.4	1.1	.3						128	129		
68 / 65		.1	1.2	.4	.6	1.4	2.6	2.6	3.2	1.6	.5							134	134	4	.
67 / 63		.1	.1	.3	1.1	2.5	1.8	1.9	2.4	1.7								116	116	21	
65 / 61		.1	.3	.5	1.2	2.1	1.7	1.5	1.6	.2								86	86	46	13
64 / 59		.1	.3	.4	.3	1.1	.6	1.7	.6	.3								52	52	67	14
62 / 57			.1	.2	.4	.6	1.4	1.3	.3									44	44	71	16
61 / 55			.1	.4		1.2	.4	.4	.2									33	33	124	29
59 / 53			.	.2	.1	.4	.2	.2										17	17	129	26
57 / 51		.1	.1	.1	.4	.4	.1	.1										13	13	131	45
56 / 49			.1	.3	.3	.1	.2											13	13	120	66
54 / 47			.1		.2													4	4	82	70
52 / 45																				78	65
49 / 43				.1														1	1	32	72
47 / 41																				15	64
[illegible] / 39																				7	69
44 / 37																				3	74
43 / 35																					67
41 / 33																					65
39 / 31																					66
37 / 29																					41
36 / 27																					35
34 / 25																					17
32 / 23																					5
31 / 21																					5
29 / 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	9029871	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	38361	41.2	8.982	930		17.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE [illegible] — ~~0900-1100~~ HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 97																.0	.1	2	2		
[illegible] / 93														.1		.1		2	2		
[illegible] / 87												.2	.3	.3	.2	.2	.1	11	11		
[illegible] / 83												.2	.5	.4	.4	.2		18	18		
[illegible] / 77										.1	.3	1.0	.9	.8	.4	.2		34	34		
[illegible] / 73									.2	.1	1.1	.9	1.1	2.6	1.2	.1		67	67		
[illegible] / 67									.	1.1	1.7	1.3	2.5	1.4	.2			75	75		
[illegible] / 63							.4	.3	1.5	2.2	1.3	3.0	1.2	1.5				109	109		
[illegible] / 57							.	.8	1.5	1.6	2.5	1.2	1.6	.2				68	68		
[illegible] / 53						.4	1.2	1.7	1.7	2.3	2.8	1.7	1.3					122	122		
[illegible] / 47					.3	.3	1.1	1.2	1.2	1.7	2.3	1.2	.2	.1				94	94		
[illegible] / 43				.	.4	.5	1.6	1.7	2.2	1.2	1.5	.2						82	82		
[illegible] / 37					.3	.4	1.1	1.3	1.7	1.0	.9	.2						75	75	1	
[illegible] / 33			.1		.5	.5	.5	.9	.5	.6	.2	.1						42	42	8	
[illegible] / 27				.1	.3	.3	.3	.6	.9	.3	.2							39	38	38	
[illegible] / 23				.1	.3	.3		.6	.3	.3								18	18	105	2
[illegible] / 17			.1		.3	.3	.1	.8	.2	.1								21	21	99	13
[illegible] / 13					.2	.4	.2		.2									11	11	185	27
[illegible] / 07				.1	.1		.4											0	10	176	27
[illegible] / 03					.1	.1	.2											4	4	128	43
[illegible] / -03					.1													1	1	92	54
[illegible] / -07				.2	.1													4	4	64	62
[illegible] / 43				.														1	1	34	74
[illegible] / 47																				19	74
[illegible] / 43																				19	73
[illegible] / 43																				2	89
[illegible] / 41																					84
[illegible] / 39																					66
[illegible] / 37																					47
[illegible] / 33																					62
[illegible] / 33																					51
[illegible] / 31																					17
[illegible] / 29																					17
[illegible] / 27																					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

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

PAGE 2 — HOURS (L.S.T.) 0900-1200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]																						8
[illegible]																						2
[illegible]																						1
TOTAL		.1	.1	2.2	3.7	4.5	7.1	9.9	11.5	12.4	15.2	11.3	9.4	7.9	2.5	1.1	.2		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	≤ 88 F	≤ 93 F	Total
Rel. Hum.	1360855	73133	35.6	13.921	93							
Dry Bulb	529558	69860	75.1	7.097	93			82.1	62.2	26.6	.2	93
Wet Bulb	349378	53968	57.5	9.683	93			.9				93
Dew Point	1887858	41198	44.3	8.229	93		7.0					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

72 755 — STATION
HILL AFB UT — STATION NAME
74-83 — YEARS
AUG — MONTH

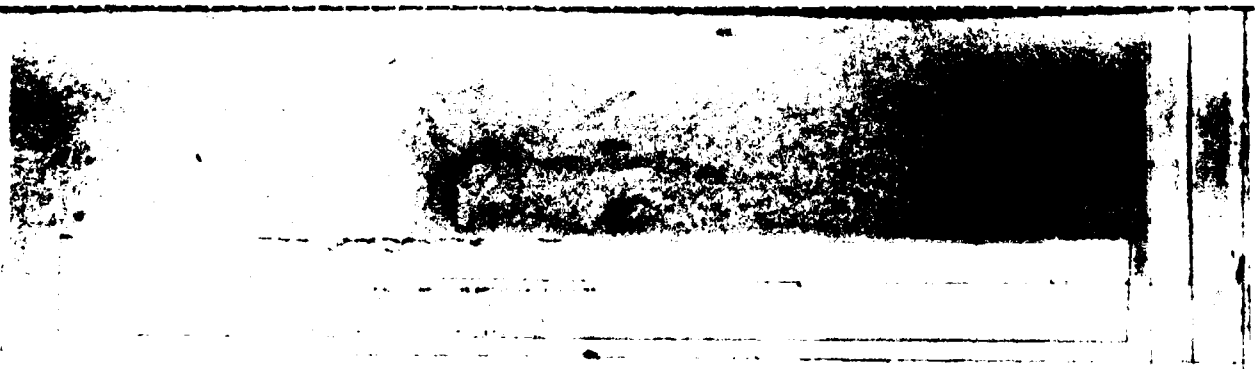
PAGE 1

1200-1800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible] / 97															.1		.1		2	2		
[illegible] / 95														.2	.1	.2	.5		9	9		
[illegible] / 93													.1	.2	.5	.7	1.5		25	25		
[illegible] / 91													.1	.5	1.2	1.6	1.2		43	43		
[illegible] / 89												.3	.3	1.1	1.6	1.9	1.5		63	63		
[illegible] / 87											.2	.6	.9	2.4	2.6	2.4	1.7		1[illegible]	1[illegible]		
[illegible] / 85									.2	.1	.8	1.2	2.2	2.5	2.5	2.7			1[illegible]6	1[illegible]6		
[illegible] / 83								.1	.2	.3	1.7	2.9	1.1	3.3	1.2	.6			1[illegible]7	1[illegible]7		
[illegible] / 81								.5	.4	1.2	1.5	1.9	2.6	1.7	1.0	.2			99	99		
[illegible] / 79						.1		1.0	1.1	.9	1.9	2.2	2.2	1.5	.1				1[illegible]1	1[illegible]2		
78 / 77							.4	.8	1.4	1.5	1.2	1.1	1.6	.7	.1				78	79		
[illegible] / 75						.3	.4	1.0	.6	.8	1.6	1.0	.2	.2	.1				58	58		
[illegible] / 73						.2	.3	.8	.1	.5	.6	.5	.1						[illegible]0	3[illegible]		
[illegible] / 71					.0	.2	.1	.5	.2	.3	.2	.3	.1						25	25	1	
70 / 69						.1	.1	.2	.6		.2	.4							2[illegible]	2[illegible]	7	
[illegible] / 67			.1	.1		.2	.1		.4	.2									12	12	19	
[illegible] / 65		.2	.1		.2	.1		.2	.3										1[illegible]	1[illegible]	65	1
[illegible] / 63		.1	.2	.1			.1	.5	.2										1[illegible]	13	117	5
[illegible] / 61					.2	.1	.1	.1	.1										7	7	160	13
[illegible] / 59					.2		.2	.1											6	6	179	21
[illegible] / 57				.1	.1	.2	.1												5	5	170	36
[illegible] / 55	.1				.1														2	2	84	29
[illegible] / 53				.2															3	3	62	49
[illegible] / 51					.1														1	1	26	44
50 / 49																					25	54
[illegible] / 47																					16	99
[illegible] / 45																					2	66
[illegible] / 43																						68
[illegible] / 41																						79
[illegible] / 39																						80
[illegible] / 37																						72
[illegible] / 35																						69
[illegible] / 33																						49
[illegible] / 31																						41

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_s	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) 84 — REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72575 HILL AFB UT 74-82 AUG
STATION STATION NAME YEARS MONTH

PAGE 2 1200-1800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 28																					27
[illegible] / 27																					28
[illegible] / 25																					8
[illegible] / 23																					3
[illegible] / 21																					2
[illegible] / 19																					2
TOTAL		.4	.5	.6	1.5	1.9	2.7	5.9	6.3	5.8	10.4	12.5	11.4	13.5	11.1	9.4	6.6	927	97	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	13.361	927							
Dry Bulb	6279697	75669	81.6	7.605	930			88.0	82.3	61.5	3.6	93
Wet Bulb	3270738	58916	59.2	9.385	927			2.7				93
Dew Point	1789609	39998	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 | 74-82 YEARS | AUG MONTH

 15°C-17°C HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
99/ 97																	.4	4	4		
95/ 95															.6	.6	1.5	26	26		
94/ 93														.2	.3	.8	2.6	40	40		
91/ 91													.2	.8	.6	1.4	2.8	54	54		
89/ 89													.5	.9	2.1	1.8	4.4	90	90		
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	5.8	1.8	.1	121	121		
84/ 83									.3	.1	1.8	2.0	2.0	2.2	2.5	.7		105	105		
81/ 81						.2		.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						.2	.3	.2	.8	1.3	.6	1.0	.6	1.2	.1			59	59		
76/ 75						.1		.2	.5	.6	.4	.4	.1	.8				27	27		
74/ 73							.1	.2	.2	.5	.4	.5	.3					24	24		
72/ 71				.1	.1	.1	.2	.3	.3	.3	.3	.2	.2					23	23	2	
70/ 69				.0	.2	.1	.1	.3		.3	.2							19	19	3	
68/ 67			.1	.1	.2	.4		.1	.2	.2	.1							15	16	22	1
66/ 65		.0					.1	.3	.2	.2	.1							11	11	58	1
64/ 63			.1			.1	.1	.1	.3									9	9	97	7
62/ 61			.0			.2	.1	.4										10	10	157	13
60/ 59					.1		.1											3	3	180	13
58/ 57																				179	14
56/ 55		.2				.1												4	4	105	24
54/ 53					.0													2	2	56	47
52/ 51																				34	47
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) 24 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]																					40
[illegible]																					32
[illegible]																					8
[illegible]																					2
[illegible]																					7
[illegible]																					1
[illegible]																					2
TOTAL	.	.2.	.2.	.9.	1.1.	1.7.	1.8.	2.9.	3.7.	6.6.	7.1.	9.3.	10.1.	14.1.	16.7.	10.2.	13.3.	929	93[illegible]	929	929

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.	7711[illegible]	23575	25.4	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			3.1				93
Dew Point	1655718	38320	41.2	8.994	929		17.3	.1				93

USAFETAC FORM AS 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

25755 STATION | HILL AFB LT STATION NAME | 74-83 YEARS | AUG MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96 / 95																	.7	3	3		
94 / 93															.3		.6	9	9		
92 / 91													.1	.5	.2	.2	1.2	21	21		
90 / 89												.1	.5	.3	.5	.8	1.2	29	29		
88 / 87										.1		.4	.8	.8	2.0	1.8	1.8	64	64		
86 / 85										.1	.3	.9	1.2	1.7	1.6	1.5	.1	69	69		
84 / 83									.2		.2	1.0	1.7	3.0	1.7	.1		80	80		
82 / 81								.1	.3	.9	1.0	2.3	2.7	1.7	1.4			98	98		
80 / 79						.1		.5	.5	1.3	1.4	2.8	1.8	1.9	.4			1 1	101		
78 / 77						.2	.2	.6	1.6	1.1	1.6	2.2	1.6	.8	.1	.1		94	94		
76 / 75						.1	.2	.8	1.3	1.3	2.3	1.8	1.0	.3				86	86		
74 / 73					.2	.1	.6	1.1	.9	.9	1.0	1.0	.5	.2				69	69		
72 / 71				.1	.1	.1	1.2	1.2	.5	1.3	.8	.9	.1					58	58		
70 / 69				.1	.2	.2	.5	.5	.9	1.0	.5	.1		.1				51	51	2	
68 / 67			.5	.7	.7	.2	.3	.2	.5	.9	.4							33	33	15	
66 / 65		.1	.2		.5	.2	.1	.5	.5	.2	.4							27	27	46	1
64 / 63			.1	.2	.1	.2	.2	.2	.1	.1								12	12	76	2
62 / 61						.2	.1	.1										9	9	107	21
60 / 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 / 51																				60	63
50 / 49																				81	52
48 / 47																				14	51
46 / 45																				16	62
44 / 43																					59
42 / 41																					77
40 / 39																					96
38 / 37																					73
36 / 35																					67
34 / 33																					61
32 / 31																					56
30 / 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	≥ 89 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

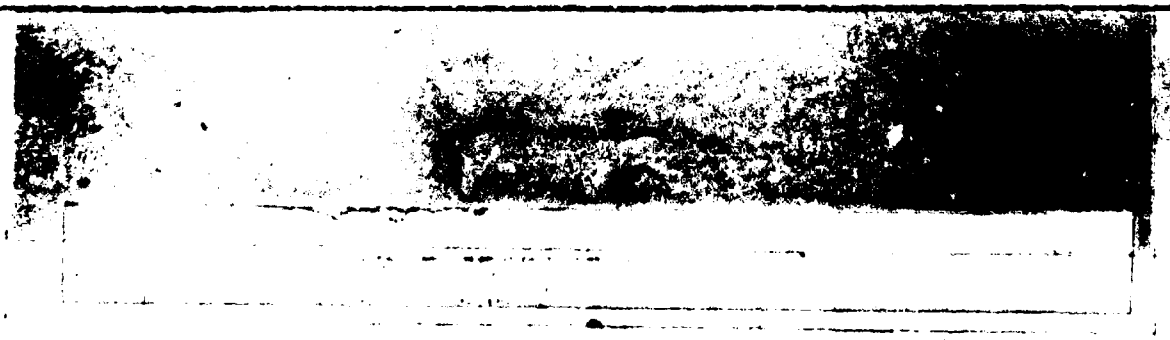
[redacted] STATION | HILL AFB UT STATION NAME | 74-83 YEARS | AUG MONTH

PAGE 2 | ~~1800-2000~~ HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-/ 22																					8
23/ 25																					16
26/ 28																					1
29/ 31																					4
32/ 34																					2
-/ 37																					1
TOTAL		.7	1.1	3.1	1.7	3.9	8.7	6.7	7.4	9.0	10.2	13.3	12.0	11.4	8.4	3.9	4.3	93[illegible]	93[illegible]	93[illegible]	93[illegible]

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.	1072519	28419	30.6	8.822	93[illegible]							
Dry Bulb	5719341	72599	78.[illegible]	7.682	93[illegible]			85.6	71.9	43.2	1.2	93
Wet Bulb	3168927	53609	57.6	4.485	93[illegible]			1.7				93
Dew Point	1718653	39069	42.[illegible]	9.008	93[illegible]		18.3					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

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

PAGE 1 — 21[illegible]-23 C
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 97											.1	.1						2	2		
[illegible] / 95												.1	.4	.5	.2			12	12		
[illegible] / 93									.1	.1	.3	.4	.1	.3	.5			18	18		
[illegible] / 91								.2		.2	.9	1.0	1.1	.9	.2			41	41		
[illegible] / 89							.2	.2	.3	.9	.3	1.4	1.4	.8	.1			52	52		
[illegible] / 87							.2	.3	.8	.9	1.5	1.6	2.6	.8	.3			83	83		
[illegible] / 85					.1	.1	.3	.5	1.3	2.3	2.2	3.3	2.0	.9				121	121		
[illegible] / 83						.1	.5	1.1	1.8	2.9	2.0	2.9	1.4					117	117		
[illegible] / 81					.4		.9	1.9	1.7	1.9	3.2	1.7	.1					111	111		
[illegible] / 79			.1	.1	.5	1.0	1.5	.5	2.0	1.7	1.7	.4		.1				97	97		
[illegible] / 77		.1	.2	.2	.3	.2	1.1	1.3	.9	1.1	1.3	.5	.1					73	73	7	
[illegible] / 75		.8	.5	.1	.5	1.2	.3	.9	1.9	.6	.3							67	67	17	4
[illegible] / 73			.1	.4	1.2	.6	1.0	.3	1.4	.5	.3	.1						58	58	46	7
[illegible] / 71		.1		.2	.3	.2	.6	.3	.4	.1	.1							24	24	49	10
[illegible] / 69			.1	.2	.2	.4	.1	.1		.1								16	16	88	22
[illegible] / 67				.4		.6	.5	.1										16	16	130	15
[illegible] / 65			.1	.2		.5	.1	.1										12	12	152	17
[illegible] / 63		.2		.1	.2		.1											6	6	137	35
[illegible] / 61					.1													1	1	147	49
[illegible] / 59				.1														2	2	77	58
[illegible] / 57				.1														1	1	42	67
[illegible] / 55																				23	54
[illegible] / 53																				11	50
[illegible] / 51																				4	66
[illegible] / 49																					64
[illegible] / 47			.1																		60
[illegible] / 45																					92
[illegible] / 43																					73
[illegible] / 41																					59
[illegible] / 39																					38
[illegible] / 37																					28
[illegible] / 35																					19
[illegible] / 33																					10
[illegible] / 31																					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	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 82 MAY PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | HILL AFB UT STATION NAME | 74-83 YEARS | AUG 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]																					3
[illegible]																					3
[illegible]																					2
[illegible]																					1
7[illegible]		.7	1.[illegible]	[illegible].6	4.8	5.7	8.1	8.4	12.3	13.[illegible]	14.3	13.7	9.2	4.7	1.4			9[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.[illegible]47	93[illegible]							
Dry Bulb	4807185	66581	71.6	6.6C2	93[illegible]			72.7	48.6	9.8		93
Wet Bulb	2826262	51C68	54.9	9.869	93[illegible]			.7				93
Dew Point	1653861	38229	41.1	9.918	93[illegible]		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

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
99/ 97															.0		.1	6	6		
96/ 95														.0	.1	.1	.3	38	79		
94/ 93													.0	.1	.2	.1	.6	76	76		
92/ 91													.1	.2	.3	.4	.6	121	121		
90/ 89												.1	.2	.3	.5	.6	.9	193	193		
88/ 87										.0	.1	.3	.5	.7	1.0	.9	.6	291	291		
86/ 85									.0	.1	.2	.6	.8	1.0	1.1	.8	.0	344	344		
84/ 83								.0	.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	.9	1.0	1.5	1.5	1.3	.5	.0	.0				611	611	19	
68/ 67		.0	.2	.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	.2	.0						412	412	509	29
62/ 61		.1	.1	.2	.5	.6	.5	.8	.5	.2	.0							263	263	710	100
60/ 59		.1	.1	.3	.3	.4	.4	.6	.2	.1								197	197	954	134
58/ 57		.1	.1	.3	.2	.5	.5	.3	.1	.0								153	153	1074	164
56/ 55		.1	.1	.1	.1	.5	.2	.1	.1									105	105	970	221
54/ 53		.1	.1	..	.1	.2	.2	.0										65	66	837	284
52/ 51		.1	.1	..	.2	.1	.	.0										42	42	757	392
50/ 49		.0	..	.1	.1	..	.	.0										29	29	529	501
48/ 47			..	..	.1	..												10	10	369	533
46/ 45				..														5	5	238	519
44/ 43				..														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)	$\Sigma_{X'}$	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												

FORM AS-64 0-26-5 (OL A) USAFETAC 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 | 74-8[illegible] YEARS | AUG MONTH

PAGE 2 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
[illegible] / [illegible]																						295
[illegible] / [illegible]																						256
[illegible] / [illegible]																						130
[illegible] / [illegible]																						38
[illegible] / [illegible]																						28
[illegible] / [illegible]																						26
[illegible] / [illegible]																						8
[illegible] / [illegible]																						7
[illegible] / [illegible]																						2
TOTAL		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]		[illegible]
																			7436		7436	

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.	111757[illegible]6	261677[illegible]	35.2[illegible]	6.268	7436							
Dry Bulb	4[illegible]8828[illegible]9	546971	73.5	9.998	744[illegible]			558.6	388.1	219.9	12.0	744
Wet Bulb	23378895	414933	55.8	5.506	7436			9.1				744
Dew Point	13877969	310581	41.8	9.027	7436		122.7	.1				744

USAFETAC FORM 0-26-3 (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

 0000-2200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 79											•		•					3			
[illegible] / 77										•	•		•					6			
[illegible] / 75								•		•	•	•									
[illegible] / 73								•	•	•	•	•									
[illegible] / 71						•	•	•	•	•	•	•									
[illegible] / 69							•	•	•	•	•	•									
[illegible] / 67						•	•	1.0	1.1	1.7	1.4	•									
[illegible] / 65						1.1	.8	1.0	2.0	1.9	1.1										
[illegible] / 63			.2	.7	.9	.9	1.2	2.2	3.1	2.3	.2										
[illegible] / 61		.1	.6	1.4	1.3	1.5	2.0	2.9	2.7	1.1	.3										
[illegible] / 59		.1	.3	.7	.9	1.2	2.1	2.6	2.3	.3											
[illegible] / 57			.1	.4	1.1	1.4	2.3	2.8	1.2	.3											
[illegible] / 55			.1	.8	.7	1.1	1.3	2.8	1.1												
[illegible] / 53		.1	.2	.2	1.1	1.3	1.7	.6	.6												
[illegible] / 51				.3	.9	1.7	1.1	.8	.2												
[illegible] / 49		.1	.1	1.3	.8	.6	.4	.2													
[illegible] / 47			.1	.6	.4	.1	.4														
[illegible] / 45		.1		.1		.1	.1														
[illegible] / 43		.1	.1		.2	.1	.4														
[illegible] / 41		.1	.4	.1	.1	.1	.1														
[illegible] / 39			.2	.2																	
[illegible] / 37			.3																		
[illegible] / 35			.1																		
[illegible] / 33																					
[illegible] / 31																					
[illegible] / 29																					
[illegible] / 27																					
[illegible] / 25																					
[illegible] / 23																					
[illegible] / 21																					
[illegible] / 19																					
[illegible] / 17																					
[illegible] / 15																					
[illegible] / 13																					

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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



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

PSYCHROMETRIC SUMMARY

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

PAGE 3 [illegible]-[illegible] HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible]																					2
TOTAL		1.1	4.2	6.6	8.1	12.0	15.0	17.6	15.7	7.0	7.0	1.6	.4						9		9.0
																		9'C		9'C	

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	≥ 92 F	Total
Rel. Hum.	1778355	17849	91.6	5.647	900							90
Dry Bulb	3273963	53699	59.8	7.61[illegible]	900			15.7	3.5	.1		90
Wet Bulb	2697722	42632	47.4	5.61[illegible]	900		.6					90
Dew Point	1156[illegible]59	31368	38.8	8.632	900		37.8					90

USAFETAC FORM AA 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 | SEP MONTH

PAGE [illegible] | 2300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 7[illegible]									.1	.2	.1	.2						6	[illegible]		
[illegible] / 7[illegible]							.1	.1	.1	.2	.6							12	[illegible]		
[illegible] / 7								.1	.2	.1	.1							5	[illegible]		
[illegible] / 69						.1	.2	.2	.3	.2	.7	.1						23	23		
[illegible] / 67					.1	.2	.2	.2	.1	.2	.3							22	22		
[illegible] / 65					.1	.1	.1	1.2	.1	1.2	.3							43	43		
[illegible] / 63				.1	.2	.2	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		.1	.1	1.3	1.4	1.[illegible]	3.1	3.7	2.0	.1								100	100	10	
[illegible] / 57		.1	.4	.6	1.4	2.3	2.2	2.7	1.2									99	99	21	2
[illegible] / 55		.1	.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.[illegible]	.6									76	76	51	.[illegible]
[illegible] / 51		.1	.2	.2	.[illegible]	1.7	2.[illegible]	1.6										60	60	82	.7
[illegible] / 49			.1	.1	1.4	1.2	.9	.6										47	47	96	.25
[illegible] / 47		.1	.6	.6	.2	1.1	.4	.3										41	41	119	25
[illegible] / 45		.1	.6	.9	.4	.3	.6											27	27	121	33
[illegible] / 43		.1	.4		.1	.2	.1											11	11	120	27
[illegible] / 41		.1	.2		.2	.3	.1											[illegible]0	10	100	49
[illegible] / 39		.1	.4	.3	.4	.2												14	14	58	6[illegible]
[illegible] / 37		.1	.2			.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																					45
[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												

FORM AS 66 0-26-5 (OL A) USAFETAC REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | HILL AFB UT STATION NAME | 74-83 YEARS | SEP MONTH

PAGE 1 [illegible] HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL		7.1	5..	6.6	12.0	15.2	19.1	18.1	12.7	6.[illegible]	2.2	.3						9[illegible]C	9[illegible]	9[illegible]C	9[illegible]C

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.	2008128	40174	48.6	15.318	9CC							
Dry Bulb	2979168	51358	57.[illegible]	7.341	9CC			7.8	1.8			9C
Wet Bulb	1930006	41348	45.9	5.814	9CC		1.2					9C
Dew Point	1129112	30916	34.9	8.64C	9CC		39.7					9C

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

[redacted] STATION | HILL AFB UT STATION NAME | 74-83 YEARS | SEP MONTH

PAGE 1 [redacted]-[redacted] HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[redacted] / 77										•								1	1		
[redacted] / 75											•							•	•		
[redacted] / 73							•	•		•	•							6	6		
[redacted] / 71						•	•	•	•	•	•							11	11		
[redacted] / 69					•		•		•	•	•							22	22		
[redacted] / 67					•	•	•	•	1	•	•							29	29		
[redacted] / 65					•	•	•	1.2	1.6	1.0								42	42		
[redacted] / 63					•	•	1.3	1.6	1.3	1.1	•							64	64		
[redacted] / 61		•	•	•	1.3	•	1.7	1.8	1.8	•								82	82	6	
[redacted] / 59		•	•	•	1.9	1.1	2.2	3.0	2.2	•								115	115	8	1
[redacted] / 57	•	•	•	•	•	2.6	3.4	2.3	•									99	99	20	7
[redacted] / 55		•		•	1.1	2.1	2.8	2.2	•									90	90	42	9
[redacted] / 53			•	•	1.2	2.2	2.2	1.6	•									80	80	48	9
[redacted] / 51			•	•	1.1	3.1	1.3	1.9										72	72	80	24
[redacted] / 49		•		1.3	1.3	1.9	•	•										56	55	82	15
[redacted] / 47		•	•	1.1	•	•	1.1	•										46	46	101	36
[redacted] / 45		•	•	•	•	•	•											29	29	133	37
[redacted] / 43		•	•	•	•	•	•											22	22	107	24
[redacted] / 41		•	•	•	•	•												11	11	110	42
[redacted] / 39				•		•												8	8	69	73
[redacted] / 37			•	•	•	•												1	11	38	87
[redacted] / 35			•		•													3	3	25	84
[redacted] / 33																				19	70
[redacted] / 31																				7	97
[redacted] / 29																				3	93
[redacted] / 27																				2	48
[redacted] / 25																					45
[redacted] / 23																					42
[redacted] / 21																					25
[redacted] / 19																					19
[redacted] / 17																					7
[redacted] / 15																					12
[redacted] / 13																					7
[redacted] / 11																					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
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72755 STATION | HILL AFB UT STATION NAME | 79-83 YEARS | SEP MONTH

~~0600-1800~~ HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.	2.2	5.7	7.7	13.0	17.6	19.3	17.3	11.3	4.7	1.1							9CC	9CC	9CC	9CC

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	9CC							
Dry Bulb	2915229	50799	56.4	7.387	9CC			7.0	.8			9C
Wet Bulb	1919357	41265	45.8	6.C85	9CC		1.2					9C
Dew Point	1153961	31221	34.7	8.896	9CC		38.3					9C

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 HILL AFB UT — STATION / STATION NAME — 74-87 YEARS — SEP MONTH

PAGE — HOURS (L. S. T.) 0900-1500

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
106/ 86														.1				1	1		
94/ 82											.1	.2	.1	.1	.2			7	7		
96/ 81										.1	.3	.6	.4	.2	.1			17	17		
8 / 79									.2	.2	.7	.9	.4	.7				28	28		
78/ 77									.3	.4	.6	1.1	.4					26	26		
76/ 75						.1		.4	.3	.6	1.8	1.4	.8					46	46		
74/ 73							.1	.6	.9	2.0	1.7	1.3	.4					66	66		
72/ 71							.1	.8	1.6	1.2	2.0	1.8	.1					68	68		
7 / 69						.1	.6	.8	.9	2.7	2.1	2.0	.2					94	84		
68/ 67							.7	1.4	1.4	2.3	1.4	1.7	.1					82	82		
66/ 65					.2	.3	1.2	.8	1.8	2.3	1.1	1.2						80	81	1	
64/ 63				.1	.6	.2	1.6	1.6	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	71	24	
6 / 59			.1	.1	.1	.6	.3	1.8	1.7	1.1	.9							59	59	44	1
58/ 57	.		.1	.2	.2	.1	1.1	.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	.2	.3								26	26	125	26
52/ 5			.1	.1	.3	.6	.4	.3	.2									19	19	114	32
5 / 49			.1	.4	.7	.4	.6		.3									23	23	112	26
48/ 47				.4	.2	.3	.3	.1	.1									14	14	84	44
46/ 45				.1	.4	.1	.2	.1										9	9	73	56
44/ 43				.1	.3	.1												5	5	61	52
42/ 4			.1		.1	.2												4	4	34	75
4 / 39	.		.1															2	2	23	83
38/ 37	.																	1	1	11	90
36/ 35	.																			6	78
34/ 33																				3	66
32/ 3	.																				92
3 / 29																					53
28/ 27																					37
26/ 25																					18
24/ 23																					21
22/ 21																					23
2 / 19																					11

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

[redacted] STATION | HILL AFB UT STATION NAME | 74-83 YEARS | SEP MONTH

PAGE [redacted] | 0900-1100 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
[redacted]																						6
[redacted]																						2
TOTAL	.[redacted]	.[redacted]	2.9	3.9	4.7	9.4	9.9	13.4	17.9	12.4	12.2	7.7	3.[redacted]	1.[redacted]	.3				9[redacted]	9[redacted]		9[redacted]
																					9CC	

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	39526	38.4	15.252	9CC							
Dry Bulb	391359[redacted]	58834	65.4	8.668	9CC			42.8	19.0	1.8		9C
Wet Bulb	2352669	45722	50.8	5.766	9CC							9C
Dew Point	1333785	38C5	37.6	8.49C	9CC		26.3					9C

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

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE — 12°C-18°C (L. S. T.)
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[redacted] / 9[redacted]															•	•1	•1	3	3			
[redacted] / 8[redacted]														•1	•1	•6	•2	3	3			
[redacted] / 8[redacted]													•2	•3	•4	•9	•1	2[redacted]	2[redacted]			
[redacted] / 8[redacted]												•4	•6	•7	•9	•7		[redacted]	[redacted]			
[redacted] / 8[redacted]													1.9	1.[redacted]	1.9	•3		41	41			
[redacted] / 8[redacted]										•3	•1	1.1	2.[redacted]	2.2	•7			6[redacted]	6[redacted]			
[redacted] / 7[redacted]									•1	•4	1.[redacted]	2.[redacted]	1.4	2.[redacted]	•1			67	67			
7[redacted] / 77									•6	1.3	1.[redacted]	2.3	1.7	2.1	•1			82	82			
[redacted] / 7[redacted]						•1			•3	1.3	2.3	3.2	2.8	•7				97	97			
[redacted] / 7[redacted]						•1		•3	•9	1.6	1.9	1.6	1.2	•3				71	71			
[redacted] / 7						•4	•1	•8	2.2	1.9	1.8	1.2	•8					83	83			
[redacted] / 69					•2	•1	•6	•6	•7	2.[redacted]	1.3	•9						57	57			
[redacted] / 67				•		•3	•4	•9	1.7	1.3	1.4	•4						[redacted]	[redacted]			
[redacted] / 65				•3		•6	•6	•7	1.9	1.1	•4							49	49	5[redacted]		
[redacted] / 6[redacted]			•4	•7	•2	•2	•3	8	•2	•4	•7							3[redacted]	3[redacted]	17		
[redacted] / 6[redacted]			•[redacted]	•[redacted]	•2	•1	•3	•8	•6	•6	•2							27	27	38		
[redacted] / 59		•	•3	•2		•3	•6	•7	•6	•1								2[redacted]	2[redacted]	94	2	
[redacted] / 57			•[redacted]				•3	•7										[redacted]	17	134	11	
[redacted] / 55			•[redacted]			•2	•7	•2	•6	•4								[redacted]	21	145	5	
[redacted] / 53				•7	•4	•2	•2	•2										14	14	129	•7	
[redacted] / 5[redacted]			•[redacted]	•2	•4		•[redacted]											[redacted]	10	111	24	
5[redacted] / 49			•[redacted]	•2	•4		•[redacted]											9	9	75	35	
[redacted] / 47			•3	•[redacted]	•3	•1												8	8	54	36	
[redacted] / 45			•3	•[redacted]		•[redacted]												4	4	42	52	
44 / 43		•		•1	•2													4	4	30	63	
[redacted] / [redacted]																				14	73	
[redacted] / [redacted]																				12	9[redacted]	
[redacted] / 37																					85	
[redacted] / [redacted]																				3	59	
34 / 33																					68	
[redacted] / 31																					92	
[redacted] / 29																					42	
[redacted] / 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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | HILL AFB UT STATION NAME | 74-83 YEARS | SEP MONTH

PAGE 2 | ~~1200-1800~~ HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] 27																					5
[illegible] 2																					18
[illegible] 16																					[illegible]
[illegible] 22																					1
TOTAL	.7	2.5	3.6	7.8	8.7	8.4	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	18.763	899							
Dry Bulb	4755893	64881	72.1	9.352	900			68.1	48.0	19.8		9[illegible]
Wet Bulb	2602106	48132	53.5	5.291	899							9[illegible]
Dew Point	1375145	33867	37.7	8.127	899		25.2					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

72756 STATION | HILL AFB UT STATION NAME | 74-82 YEARS | SEP MONTH

PAGE 1 | 1500-1700 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 97																	.1	1	.		
[illegible] / 92																	.4	4	4		
[illegible] / 92															.1	1.[illegible]	.9	18	19		
100 / 87													.4		.9	1.9	.4	28	28		
98 / 93											.1	.4	.3	.2	1.2	1.[illegible]	.3	31	31		
96 / 87											.1	.6	.7	1.0	2.[illegible]	.1		4[illegible]	4[illegible]		
[illegible] / 9[illegible]										.1	.	1.[illegible]	2.7	2.6	1.4	.1		74	74		
[illegible] / 79										1.0	.6	2.3	3.1	2.7	.9			94	94		
76 / 77							.			.8	.7	1.9	2.2	2.3	1.2			80	8		
74 / 75								.2	.9	1.7	1.[illegible]	1.9	1.9	.7	.1			78	78		
74 / 77							.[illegible]	.9	.8	1.7	2.4	1.6	1.1	.9				87	87		
[illegible] / 7[illegible]					.[illegible]	.[illegible]	.3	.1	1.3	.9	1.[illegible]	2.1	.7					64	64		
[illegible] / 69				.	.2	.[illegible]	.2	1.0	1.2	1.6	1.4	1.2	.2					66	66		
68 / 67							.7	1.[illegible]	1.4	.9	1.[illegible]	.3						47	47		
66 / 65			.[illegible]	.4	.[illegible]	.4	.[illegible]	.6	.8	.3	.[illegible]	.2						39	39	4	
64 / 67			.[illegible]	.[illegible]	.2	.1	.4	.6	.6	.7	.6	.1						23	23	12	
[illegible] / 6[illegible]				.3			.[illegible]	.6	.4	.[illegible]								15	15	42	[illegible]
[illegible] / 59				.[illegible]	.2	.1	.6	1.1	.6									24	24	87	1
62 / 57			.[illegible]	.1	.3	.[illegible]	.4	.[illegible]	.3									22	22	128	[illegible]
58 / 55		.[illegible]	.[illegible]			.[illegible]	.[illegible]	.3	.1									13	13	162	9
[illegible] / 52		.1		.[illegible]	.1	.[illegible]	.3	.2	.3									12	12	125	9
[illegible] / 51		.1	.3	.3		.2												9	9	117	32
[illegible] / 48				.4	.1	.1												6	6	79	25
46 / 47			.[illegible]			.[illegible]												4	4	85	38
44 / 4[illegible]			.6	.1														6	6	49	49
38 / 42		.1	.1		.3													5	5	2[illegible]	36
42 / 41																				18	67
[illegible] / 39																				8	76
38 / 37																				1	85
[illegible] / 35																				3	101
34 / 33																					65
32 / 31																					93
[illegible] / 29																					45
28 / 27																					57

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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72-755 (STATION) HILL AFB UT (STATION NAME) 74-81 (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
/ 24																					19
/ 22																					22
/ 20																					24
/ 18																					13
/ 16																					6
/ 14																					1
/ 12																					2
TOTAL	.4	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		90		90	

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.	9745.5	26289	29.2	5.166	900							
Dry Bulb	6907707	65911	73.2	9.936	900			71.2	53.5	25.0	.1	90
Wet Bulb	2607706	48222	53.6	5.164	900							90
Dew Point	1267863	32893	36.5	8.536	900		30.0					90

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

[redacted] STATION | HILL AFB UT STATION NAME | 74-83 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[redacted] / 85																	.1	1	1			
86 / 87															.3	.2		5	5			
84 / 85															.3	.7		6	6			
82 / 83											.2		.1	.7	1.1	.2		2	2			
80 / 81												.3	.7	.9	.2			16	16			
78 / 79									.1	.3	.2	1.3	.8	1.4	.2			4	4			
76 / 77								.2	.3	.2	1.2	1.7	1.1	.4	.1			49	49			
74 / 75								.2	.3	.8	1.4	2.6	1.3	.4				65	65			
72 / 73							.1	.4	1.0	1.6	2.2	1.4	.7					67	67			
70 / 71					.1		.3	.7	1.2	1.8	1.6	1.2	.7					65	65			
68 / 69				.1	.3	.2	.5	1.1	1.6	2.8	1.8	1.0	.2					90	90			
66 / 67					.2	.6	.7	1.4	1.9	2.2	2.0	.6	.1					87	87			
64 / 65				.2	.6	.7	1.4	1.3	2.8	2.0	1.2	.3						94	94			
62 / 63			.4	.2	.3	.6	.7	1.1	1.3	1.0	.4	.1						56	56	8		
60 / 61		.1	.1	.1	.6	.6	1.7	1.7	1.3	.8	.1							63	63	14		
58 / 59			.1	.1	.1	.2	1.4	.9	.6	.1								41	41	44	1	
56 / 57				.3	.4	.1	.5	.8	.6									28	28	95	8	
54 / 55			.2		.2	1.0	.4	.8	.1									29	29	114	11	
52 / 53					.4	.2	.7	.4	.2									18	18	123	14	
50 / 51	.1		.3	.1	.4	.3	.3	.1										16	16	121	25	
48 / 49		.1	.2	.3		.2	.2	.1										15	15	132	23	
46 / 47					.3	.2	.1											7	7	96	41	
44 / 45			.6	.2	.2		.2											11	11	63	36	
42 / 43		.1		.2	.1													4	4	37	58	
40 / 41		.1	.1															2	2	26	61	
38 / 39	.1	.1	.2															4	4	18	92	
36 / 37		.1																1	1	9	83	
34 / 35																				5	99	
32 / 33																				1	70	
30 / 31																					100	
28 / 29																					51	
26 / 27																					39	
24 / 25																					32	
22 / 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	≥ 88 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | HILL AFB UT STATION NAME | 74-83 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																					2
[illegible]																					7
[illegible]																					4
[illegible]																					7
[illegible]																					1
TOTAL	.1	.7	3.1	2.1	4.7	5.6	10.	11.6	13.3	13.2	12.3	10.3	5.7	3.8	2.3	.8	.1	9°C	9°C	9°C	9°C

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	≥ 88 F	≥ 93 F	Total
Rel. Hum.	1369651	31981	35.5	5.933	900							
Dry Bulb	816000	61458	67.4	8.999	900			51.3	26.9	7.0		90
Wet Bulb	2970116	46226	51.4	5.362	900							90
Dew Point	1288775	33228	36.9	8.285	900		28.0					90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE [illegible] | 2124-2324 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 81													.2	.1				3	3		
[illegible] / 76											.1	.1	.4	.2				9	9		
78 / 77									.1	.1		.3	.3	.2				[illegible]	[illegible]		
76 / 75								.1		.3	.6	1.0	.3	.1				22	22		
74 / 73							.2		.3	.3	.9	1.2	.8					13	33		
[illegible] / 71					.2	.2	.2	.3	.4	1.9	1.8	1.8	.3					61	61		
[illegible] / 69							.2	.9	1.3	1.7	1.8	.4						57	57		
[illegible] / 67						.2	.3	.7	1.6	1.8	1.6	.4						57	57		
66 / 65				.2	.2	.7	1.6	1.4	3.1	2.1	2.1	.1						108	108		
64 / 63				1.	.7	1.2	1.3	1.4	2.2	3.1	1.5							108	108	3	
[illegible] / 61		.2	.4	.3	.2	1.1	2.	2.3	2.4	1.0	.3							103	103	7	
[illegible] / 59			.2	.3	.6	1.8	2.2	2.1	2.5	.7								94	84	11	2
[illegible] / 57				.4	1.4	1.1	1.1	1.3	1.1	.2								63	67	43	4
[illegible] / 55			.1	.2	.7	1.1	1.4	.7	.6	.1								52	52	87	.2
[illegible] / 53			.1	.2	.7	1.1	.5	.6	.4									31	31	94	13
[illegible] / 51				.2	.7	1.1	.3	.4										24	24	125	17
[illegible] / 49		.1	.1	.1	.4	.1	.1	.1										23	23	148	8
48 / 47			.1	.2	.1	.6	.3											13	13	123	35
46 / 45			.1	.2	.2	.1	.3											11	11	116	46
44 / 43			.1	.4	.3		.2											13	13	74	38
[illegible] / 41		.1	.1	.3														5	5	47	61
[illegible] / 39	.1		.1															4	4	23	67
38 / 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)	$\Sigma x'$	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
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] HILL AFB, UT — 74-81 — SEP
STATION — STATION NAME — YEARS — MONTH

PAGE [illegible] — 2100-2200 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]																					2
TOTAL	.4	.6	3.2	4.9	7.0	10.8	12.7	12.4	15.7	12.6	10.1	5.4	2.4	.7					[illegible]		9.0
																		9[illegible]6		9[illegible]6	

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.	1637453	35509	39.5	16.218	900							
Dry Bulb	3549426	56068	62.3	7.929	900			25.2	7.7	.6		9[illegible]
Wet Bulb	2155575	43781	48.6	5.352	900		.2					9[illegible]
Dew Point	1187911	31775	35.3	8.573	900		36.0					9[illegible]

USAFETAC FORM 0-26-5 (OL A) 85 44 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] [illegible] STATION | MINOT AFB ND STATION NAME | 74-83 YEARS | SEP MONTH

PAGE | 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] / 03																	•	1			
[illegible] / 02																•	•	1			
[illegible] / 01														•	•	•	•	2			
[illegible] / 00												•	•	•	•	•	•	4			
[illegible] / 99											•	•	•	•	•	•	•	7			
[illegible] / 98											•	•	•	•	•	•		8			
[illegible] / 97										•	•	•	•	•	•			17			
[illegible] / 96									•	•	•	•	•	•	•			24	24		
[illegible] / 95								•	•	•	•	•	•	•	•			25	25		
[illegible] / 94							•	•	•	•	1	1	•	•	•			32	32		
[illegible] / 93						•	•	•	•	1	1	•	•	•				35	35		
[illegible] / 92					•	•	•	•	1	1	1	•	•					39	39		
[illegible] / 91					•	•	•	•	1	1	1	•	•					44	44		
[illegible] / 90				•	•	•	•	1	1	1	•	•						52	52	10	
[illegible] / 89				•	•	•	1	1	1	1	•	•						55	55	49	
[illegible] / 88			•	•	•	•	1	1	1	1	•							57	57	135	3
[illegible] / 87			•	•	•	•	1	1	2	1	•							56	56	307	8
[illegible] / 86		•	•	•	•	1	1	1	•	•								45	45	540	49
[illegible] / 85		•	•	•	•	1	1	1	•	•								40	40	697	79
[illegible] / 84		•	•	•	•	1	1	•	•									30	30	765	103
[illegible] / 83	•	•	•	•	•	1	•	•	•									25	25	831	180
[illegible] / 82		•	•	•	•	•	•	•	•									21	21	862	189
[illegible] / 81		•	•	•	•	•	•	•										15	15	741	287
[illegible] / 80		•	•	•	•	•	•											10	10	718	348
[illegible] / 79		•	•	•	•	•	•											7	7	559	327
[illegible] / 78		•	•	•	•	•												4	4	472	470
[illegible] / 77	•	•	•	•	•	•												3	3	252	613
[illegible] / 76	•	•	•	•	•	•												3	3	130	674
[illegible] / 75		•	•	•	•													0	0	87	766
[illegible] / 74			•																1	62	558
[illegible] / 73																				23	806
[illegible] / 72																				7	466
[illegible] / 71																				2	314

Element (X)	Σ_X'	Σ_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.												
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] 755 — HILL AFB UT — 74-81 — SEP

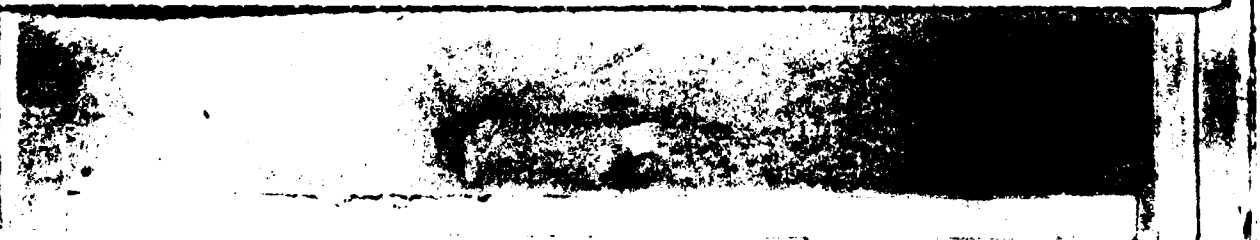
STATION — STATION NAME — YEARS — MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31							
[illegible]																								3.5
[illegible]																								218
[illegible]																								183
[illegible]																								109
[illegible]																								67
[illegible]																								42
[illegible]																								8
[illegible]																								1
[illegible]	[illegible]	[illegible]	3.[illegible]	4.6	6.[illegible]	[illegible]	[illegible]	11.8	13.1	13.2	10.1	8.[illegible]	6.6	4.6	3.2	1.8	.8	.3		72[illegible]		72[illegible]	7199
																			7199		7199			

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.	12402776	275532	38.3	16.487	7199							
Dry Bulb	3[illegible]955211	462353	64.2	[illegible]0.308	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

[redacted] STATION | HILL AFB UT STATION NAME | 74-83 YEARS | OCT MONTH

PAGE | 0000-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[redacted] / 69												.1						1			
/ 67											.4	.1						5	5		
/ 65										.7		.1						4	4		
/ 63								.1	.3	.1								5	5		
/ 61							.9	.2	.4	.9								18	19		
/ 59						.4	.6	1.0	.9	.8								34	34		
/ 57					.6	1.1	.6	1.7	1.4									47	47		
/ 55				.2	.4	.9	2.6	2.6	1.1									72	72		
/ 53			.1	.4	1.1	1.1	3.1	2.9	.4	.1								85	85		
/ 51			.1	.5	1.1	1.7	3.1	.9	.1									72	72	3	
/ 49	.1	.4	.5	1.7	1.3	2.5	2.6	.2										88	88	22	1
/ 47		.2	1.2	1.9	2.7	2.5	.6											86	86	34	1
/ 45		.2	2.1	1.3	1.9	1.6	.5											77	77	60	9
/ 43	.1	.6	2.2	1.5	2.4	1.3	.6											85	85	120	18
/ 41	.2	1.2	1.4	1.6	.9	1.1	.1											62	62	161	18
/ 39		1.4	1.1	.5	.6	.8												47	47	157	54
/ 37	.1	1.1	2.4	3.	1.1													70	75	111	70
/ 35		.8	1.5	.5	.3													29	29	72	60
/ 33	.1	.4	.3	.5														20	20	70	66
/ 31	.3	.3	.2															14	14	59	100
/ 29		.1																3	1	29	11
/ 27		.1																2	2	16	99
/ 25		.1	.3															4	4	2	101
/ 23																				3	76
/ 21																				1	65
/ 19																					38
/ 17																					20
/ 15																					17
/ 13																					7
/ 11																					9
TOTAL	1.2	7.2	15.9	14.3	14.4	15.1	15.1	9.1	4.6	2.2	.4	.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.	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) AUG 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

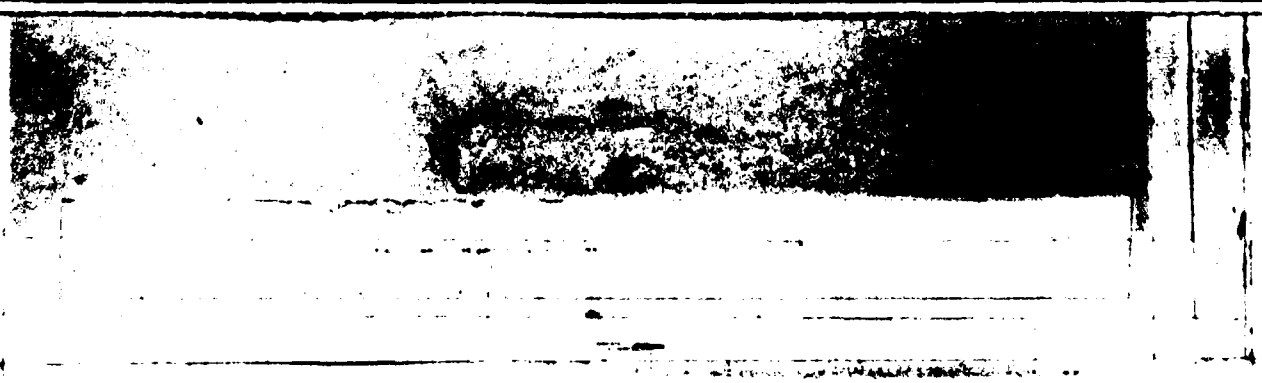
[illegible] STATION | HILL AFB UT STATION NAME | 74-81 YEARS | OCT MONTH

PAGE [illegible] | 0300-0500 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 69												.1						1	1		
[illegible] / 67												.1						1	1		
[illegible] / 65									.2		.1	.2						6	6		
[illegible] / 63								.1	.1	.1								3	3		
[illegible] / 61						.1		.1	.1									3	3		
[illegible] / 59						.4	.3	.5	.9	.1								19	19		
[illegible] / 57					.3	.4	.1	1.1	.9									26	26		
56 / 55				.2	.4	.5	1.2	1.6	.4									45	45		
[illegible] / 53			.1	1.1	.8	1.1	2.3	1.4	.3									64	64		
[illegible] / 51			.1	.3	2.4	2.6	4.5	1.4	.2									105	105	4	
50 / 49		.3	.8	1.	.8	2.1	3.2	.5	.1									91	81	16	
48 / 47		.3	.2	1.3	1.6	3.9	1.9	.1										88	88	26	3
[illegible] / 45		.2	1.1	2.5	2.3	2.2	.4											82	82	59	6
[illegible] / 43	.1	.5	2.5	2.8	3.1	1.5	.2											104	104	37	24
42 / 41	.2	.1	2.3	1.6	1.8	1.4	.1											79	79	116	21
[illegible] / 39	.1	.6	1.3	1.	1.1	.9												47	47	164	34
[illegible] / 37		.1	2.3	1.4	.9	.4												62	62	134	50
[illegible] / 35	.1	2.1	1.4	1.3	.2	.1												48	48	106	71
[illegible] / 33	.1	.8	1.4	.3	.1													26	26	98	65
[illegible] / 31	.1	1.1	1.4															24	24	50	96
[illegible] / 29		.2	.1															3	3	48	97
[illegible] / 27		.3	.1															4	4	22	93
[illegible] / 25		.1	.3															4	4	5	89
[illegible] / 23			.1															1	1	1	91
[illegible] / 21																				4	72
[illegible] / 19																					62
[illegible] / 17																					46
[illegible] / 15																					[illegible]
[illegible] / 13																					7
[illegible] / 11																					10
[illegible] / 9																					5
TOTAL	.9	8.8	17.0	15.1	15.6	17.8	13.9	6.9	3.2	.2	.2	.4							93		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.	3034539	50320	54.1	18.322	930							
Dry Bulb	2405076	42626	45.8	7.434	930		3.6	.2				93
Wet Bulb	1385725	35575	38.3	5.176	930		11.0					93
Dew Point	811946	26658	28.7	7.174	930		65.6					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

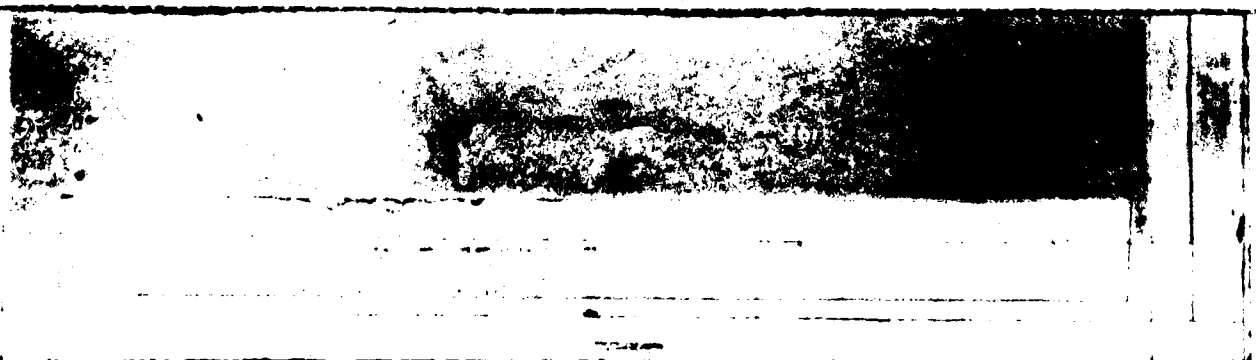
725725 STATION | HILL AFB UT STATION NAME | 74-82 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible] / 4[illegible]									.1	.3		.1							5	5		
[illegible] / 6								.2	.2	.1									7	7		
[illegible] / [illegible]							.1	.1	.1	.1									4	4		
[illegible] / 56						.1		.1	.5	.1									11	11		
[illegible] / 57					.5	.3	.2	.9	.3										21	21		
[illegible] / 55					.3	.1	.1	.6	.2										22	22		
[illegible] / 51				.1	.2	.4	.1	.1	.1										51	51		
[illegible] / 5				.1	.5	1.4	2.5	2.4	1.0	.1									76	76	4	
[illegible] / 46		.1	.1	1.2	1.8	2.4	4.1	.4											102	102	14	
[illegible] / 47		.1	1.	1.5	1.6	3.4	2.3	.1											95	95	22	2
[illegible] / 45			1.	2.4	3.5	2.4	.8	.1											95	95	50	5
[illegible] / 47		1.4	1.7	2.6	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] / 35		1.6	1.1	1.6	.6	.1													58	58	140	30
[illegible] / 37		.9	2.1	1.1	1.4	.5													58	58	160	39
[illegible] / 35		2.1	1.2	2.4	.4	.1													60	61	123	52
[illegible] / 27	.1	.9	.5	.2	.2														22	22	97	89
[illegible] / 3		1.3	1.3	.2	.1														30	30	49	95
[illegible] / 20	.1	.9	.2																10	10	57	89
[illegible] / 07		.2	.1																3	3	29	108
[illegible] / 25		.1	.3																4	4	8	87
[illegible] / 27																					4	71
[illegible] / 21																					1	65
[illegible] / 16																						73
[illegible] / 17																						27
[illegible] / 15																						14
[illegible] / 17																						8
[illegible] / [illegible]																						10
[illegible] / 6																						5
TOTAL	.5	10.9	14.9	17.4	18.9	17.9	12.4	4.6	1.8	.9		.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.	7068330	50994	54.8	17.582	930							
Dry Bulb	1921111	41737	44.9	7.189	930		9.7					93
Wet Bulb	1341586	34990	37.6	5.201	930		14.8					93
Dew Point	790838	26292	28.3	7.153	930		46.8					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

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

PAGE 1 | 0900-1100 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 77													.1					1	1		
[illegible] / 71																		1	1		
[illegible] / 69											.1	.6						7	7		
[illegible] / 65										.2	.4	.4						10	10		
[illegible] / 61							.	.1	.1	.5	.3	.2						13	13		
[illegible] / 61							.4	.3	1.1	1.4	.5	.1						4[illegible]	4[illegible]		
[illegible] / 61						.3	.5	.4	1.6	1.4	.3							44	44		
[illegible] / 6[illegible]						.1	.[illegible]	1.5	2.7	.5	.2							57	57		
[illegible] / 59						.3	1.[illegible]	1.7	1.7	.3								53	57		
[illegible] / 57					.4	.8	1.5	3.3	1.2									67	67		
[illegible] / 55			.3		.3	1.[illegible]	1.5	2.9	.4	.1								69	69	2	
[illegible] / 51			.3	.9	.6	2.6	2.6	1.9	.4									88	88	12	
[illegible] / 51		.3	.3	.4	1.5	1.9	1.6	.9										66	66	29	
[illegible] / 49		.6	.3	2.2	1.6	2.5	1.7	.4										97	87	65	
[illegible] / 47		.5	1.2	1.4	1.9	1.9	.9											72	72	100	14
[illegible] / 45		.2	1.5	1.9	1.5	1.7	.4											68	68	117	14
[illegible] / 43	.1	.8	1.[illegible]	1.[illegible]	1.[illegible]	.8	.2											42	42	133	29
[illegible] / 41		.8	1.5	1.[illegible]	1.1	.5	.1											46	46	133	29
[illegible] / 39	.1	.[illegible]	1.[illegible]	1.3	.9	.2												42	42	112	53
[illegible] / 37		.8	1.[illegible]	.4	.2													23	23	82	52
[illegible] / 35	.4	.8	.6	.3														20	20	54	91
[illegible] / 33	.1	.[illegible]	.2	.1														5	5	56	97
[illegible] / 31			.4	.1														5	5	21	1[illegible]6
[illegible] / 29		.2	.1	.1														4	4	8	1[illegible]2
[illegible] / 27																				7	1[illegible]2
[illegible] / 25																				1	91
[illegible] / 23																					48
[illegible] / 21																					4[illegible]
[illegible] / 19																					36
[illegible] / 17																					16
[illegible] / 15																					4[illegible]
[illegible] / 13																					3
[illegible] / 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) 80 SUPERSEDES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | HALL AFB, CT STATION NAME | 74-83 YEARS | OCT MONTH

PAGE [redacted] | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	[illegible]	[illegible]	[illegible]	1.1	[illegible]	14.5	13.[illegible]	[illegible]	9.2	[illegible]	[illegible]	1.4	.1	.1				[illegible]	[illegible]	[illegible]	[illegible]
																		[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.	2455335	44659	48.0[illegible]	8.291	93[illegible]							
Dry Bulb	2579092	48310	51.9	8.654	93[illegible]		.9	3.2	.2			93
Wet Bulb	1679433	39147	42.1	5.351	93[illegible]		3.7					93
Dew Point	937358	28822	31.[illegible]	6.852	930		55.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | HILL AFB UT STATION NAME | 74-87 YEARS | OCT MONTH

PAGE [redacted] | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
[redacted] / 80															.1							
[redacted] / 79													.1		.1				4	4		
78 / 77													.1	.5					8	8		
[redacted] / 76											.4	.2	.4	.5					13	13		
[redacted] / 75									.1		.4	.8	1.0						21	21		
[redacted] / 74								.1	.1	1.0	1.2	1.4	.3						38	38		
[redacted] / 73								.4	.6	2.0	2.5	1.0	.1						62	62		
[redacted] / 72							.1	1.0	1.1	2.4	2.7	.2	.1						72	72		
[redacted] / 71							.4	1.0	1.4	2.7	.6								57	57		
[redacted] / 70							1.3	1.2	2.2	1.5									57	57		
[redacted] / 69						.1	1.3	1.7	2.4	.8									58	58		
[redacted] / 68				.2	.2	.5	1.6	2.5	1.7	.5									71	71	1	
[redacted] / 67			.	.2	.6	1.4	2.7	2.2	.9	.3									78	78	1	
66 / 65			.2	.5	.6	1.9	1.9	1.5	.4	.1									68	68	15	
[redacted] / 64			.4	.5	.8	.9	1.6	1.1	.3										52	52	53	
[redacted] / 63		.1	.6	.6	.9	1.0	1.3	.6											47	47	101	
[redacted] / 62		.1	.5	1.2	1.1	1.2	1.2	.2											53	53	148	5
[redacted] / 61			.1	.3	.2	1.1	.5												35	35	125	11
[redacted] / 60		.4	.3	1.2	1.1	.2	.1												40	40	133	14
59 / 58		.3	.3	1.4	.8	.2													34	34	81	41
[redacted] / 57		.3	1.1	.9	.3	.1													25	25	92	47
[redacted] / 56	.1	.4	.3	.5	.1														16	16	73	60
[redacted] / 55	.1	.4	.4	.2															13	13	62	89
[redacted] / 54			.1	.1															3	3	26	100
53 / 52			.1																1	1	10	99
[redacted] / 51																					4	126
[redacted] / 50		.1																	3	3	2	103
[redacted] / 49																					3	82
[redacted] / 48																						73
[redacted] / 47																						20
[redacted] / 46																						27
[redacted] / 45																						20
[redacted] / 44																						10
[redacted] / 43																						3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] 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)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.3	3.7	5.2	8.2	7.8	9.2	14.3	13.4	11.2	11.3	7.6	3.5	2.4	1.1	.4			930	93	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.	199355	39039	42.0	18.123	930							
Dry Bulb	3225839	54117	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	1037944	30478	32.8	6.989	930		86.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 STATION | HILL AFB UT STATION NAME | 74-83 YEARS | OCT MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / [illegible]														.1				1	[illegible]		
[illegible] / 79													.1	.1	.3			5	5		
78 / 77													.3	.9	.2			12	12		
76 / 75												.3	1.1	.7				16	16		
[illegible] / 73								.1	.1	.6	1.1	.8	.4	.1				34	34		
[illegible] / [illegible]								.1	.4	1.0	2.7	1.4	.3					49	49		
[illegible] / 69								.4	.5	2.0	3.2	.8	.7					68	68		
[illegible] / 67							.4	1.0	.9	2.2	2.9	.1						69	69		
[illegible] / 65								.9	1.4	2.0	.6							45	45		
[illegible] / 63						.2	.2	1.2	1.4	1.5								44	44		
[illegible] / 61					.2	.4	1.8	1.8	1.3	1.2								64	64		
[illegible] / 59					.2	1.2	1.7	2.4	1.3	.9								74	74	1	
[illegible] / 57				.2	1.2	1.9	2.2	1.7	.8									73	73	3	
[illegible] / 55				.4	1.7	1.5	1.7	1.7	.4									66	66	23	
[illegible] / 53		.2	.2	.5	.9	1.2	.4	1.2	.5									48	48	64	
[illegible] / [illegible]		.1		.6	1.0	1.2	2.6	.3	.1									49	49	104	
[illegible] / 49			.4	.5	1.2	1.4	1.1	.3										46	46	156	5
[illegible] / 47			.1	.5	.9	.9	.5	.1										37	37	124	7
[illegible] / 45			.2	1.1	.6	1.5												38	38	106	16
[illegible] / 43		.2	.4	.9	1.1	.4												31	31	79	37
[illegible] / 41		.2	.4	1.1	.2													23	23	93	59
[illegible] / 39		.2	.2	.4	.1													20	20	69	77
[illegible] / 37		.2	.4	.2	.2													16	16	55	74
[illegible] / 35	.1	.3			.1													6	6	41	106
[illegible] / 33	.1																	1	1	15	100
[illegible] / 31		.1	.1	.1														3	3	1	118
[illegible] / 29																				3	87
[illegible] / 27																				3	72
[illegible] / 25																					72
[illegible] / 23																					30
[illegible] / 21																					39
[illegible] / 19																					18
[illegible] / 17																					6
[illegible] / 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) 80 04 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] 755 | HILL AFB UT | 74-83 | OCT
STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]																					4
TOTAL	.1	7.9	4.5	6.1	9.5	12.7	12.2	12.8	9.1	11.8	9.0	7.7	2.6	1.8	.5				93		93
																		930		930	

Element (X)	ΣX_i^2	ΣX_i	$\bar{X}$	σ_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	930							
Dry Bulb	3271142	54332	58.4	10.217	930		.3	25.0	6.8	.5		93
Wet Bulb	1979444	42532	45.7	5.617	930		.7					93
Dew Point	1080758	30886	32.8	6.676	930		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

[illegible] STATION | HILL AFB UT STATION NAME | 74-82 YEARS | OCT MONTH

PAGE [illegible] | 1800-2200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 73												.2	.4					6	6		
[illegible] / 71												.3	.3					7	7		
[illegible] / 69									.4	.4	.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	1.4	2.3	1.1	.1	.1							54	54		
[illegible] / 57					.6	1.2	2.2	3.1	.4									70	70	1	
[illegible] / 55			.1	.4	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	81	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	1.7	1.4											69	69	108	9
[illegible] / 45		.2	1.1	1.5	1.7	1.1	.1											55	55	156	9
[illegible] / 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	.2												46	46	81	65
38 / 37		.9	1.7	.3	.1													28	28	73	81
[illegible] / 35	.2	.4	.9	.2														13	13	68	99
[illegible] / 33	.1	.2	.1															4	4	49	88
[illegible] / 31		.1	.1															1	1	16	138
[illegible] / 29			.2															3	3	5	106
[illegible] / 27			.2															2	2	2	77
[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	14.9	13.5	19.2	10.8	8.5	4.9	2.2	1.2	.8						930		930
																		930		930	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2617430	46292	49.8	8.361	930							
Dry Bulb	2828522	48728	52.4	9.008	930		.8	5.9	.8			93
Wet Bulb	1729982	39780	42.8	5.948	930		2.4					93
Dew Point	1012540	[illegible]	32.3	8.627	930		[illegible]					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 | 2100-2100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 71													.1					1	1		
[illegible] / 69													.2					2	2		
[illegible] / 65									.2	.1	.3							6	6		
[illegible] / 63							.5	.7	.4	1.3	1.0							33	33		
[illegible] / 61				.		.1	.2	1.2	1.4	.5	.2							35	35		
[illegible] / 59					.1	.9	1.1	1.1	2.5	.6	.1							58	58		
[illegible] / 57					.1	1.2	.8	2.5	1.2	.2								55	55		
[illegible] / 55				.2	.4	1.4	1.8	2.8	.8									72	72	1	
[illegible] / 53			.1	.2	.6	2.3	2.0	1.1	.2									64	64	1	
[illegible] / 51		.1	.2	1.0	1.6	1.9	2.5	.6										76	76	9	1
[illegible] / 49		.9	.7	2.2	2.6	2.6	1.5	.1										94	94	31	3
[illegible] / 47		.7	1.5	1.1	2.9	3.2	.4											78	78	63	3
[illegible] / 45		.1	1.6	2.4	2.[illegible]	1.7	.9											77	77	91	11
[illegible] / 43	.3	1.[illegible]	.9	1.8	1.1	1.2	.3											60	60	166	18
[illegible] / 41	.1	.9	1.[illegible]	1.4	.6	.[illegible]	.[illegible]											45	45	125	32
[illegible] / 39	.1	2.6	1.4	2.5	.8	.6												74	74	146	70
[illegible] / 37	.1	.9	1.[illegible]	1.7	.3	.[illegible]												44	44	86	51
[illegible] / 35	.1	1.1	1.4	1.1	.1													35	35	66	80
[illegible] / 33	.1	.5	.2	.3														11	11	71	79
[illegible] / 31	.1	.9	.1															4	4	43	101
[illegible] / 29		.7																3	3	20	111
[illegible] / 27		.7	.3															5	5	8	96
[illegible] / 25																					98
[illegible] / 23																				3	52
[illegible] / 21																					49
[illegible] / 19																					41
[illegible] / 17																					16
[illegible] / 15																					16
[illegible] / 13																					3
[illegible] / 11																					3
TOTAL	1.[illegible]	9.1	11.5	16.3	19.3	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	84369	52.0	19.117	930							
Dry Bulb	2295815	45581	49.0	8.187	930		1.2	.3				93
Wet Bulb	1546953	37617	40.4	5.178	930		7.9					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

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

 — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 81														.0	.0			2	[illegible]		
[illegible] / 79													.0	.0	.1			9	[illegible]		
[illegible] / 77													.1	.2	.0			21	[illegible]		
[illegible] / 75											.0	.1	.2	.1				29	[illegible]		
[illegible] / 73								.0	.0	.1	.2	.2	.2	.0				58	58		
[illegible] / 71								.0	.1	.2	.4	.5	.1					112	112		
[illegible] / 69								.0	.2	.6	.8	.3	.1					159	159		
[illegible] / 67							.1	.3	.3	.8	.9	.1	.0					186	186		
[illegible] / 65						.0	.1	.4	.8	1.0	.4	.1						206	206		
[illegible] / 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	
[illegible] / 57			.0	.0	.6	1.0	1.3	2.0	.9	.1								437	437	5	
[illegible] / 55			.1	.3	.7	1.2	1.7	1.8	.5	.0								481	481	44	
[illegible] / 53		.0	.2	.4	.8	1.5	1.9	1.4	.3	.0								513	513	138	
[illegible] / 51		.0	.3	.7	1.5	1.9	2.3	.8	.1									576	576	288	2
[illegible] / 49	.0	.4	.6	1.5	1.6	2.0	2.1	.3	.0									631	631	537	20
[illegible] / 47	.0	.2	1.1	1.2	1.8	2.1	1.1	.0										560	560	614	49
[illegible] / 45		.2	1.4	1.8	1.8	1.5	.4	.0										532	532	772	84
[illegible] / 43	.0	.8	1.3	1.6	1.8	1.1	.2											508	508	852	212
[illegible] / 41	.0	.8	1.4	1.4	1.1	.8	.2											424	424	935	285
[illegible] / 39	.1	1.2	1.2	1.2	.6	.5												350	350	937	443
[illegible] / 37	.1	.9	1.6	1.1	.5	.1												314	314	763	506
[illegible] / 35	.1	1.0	.9	.8	.1	.0												214	214	556	659
[illegible] / 33	.2	.7	.5	.2	.0													90	90	456	683
[illegible] / 31	.1	.4	.6	.1	.0													83	83	283	886
[illegible] / 29	.1	.3	.1	.0														29	29	172	796
[illegible] / 27		.1	.1															16	16	90	718
[illegible] / 25		.0	.1															12	12	18	684
[illegible] / 23			.1															1	1	12	419
[illegible] / 21																				6	402
[illegible] / 19																					307
[illegible] / 17																					129
[illegible] / 15																					88

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 90 F	≥ 95 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



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

PSYCHROMETRIC SUMMARY

STATION ... 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]																					33
[illegible]																					[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		744		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.	208014[illegible]	367292	49.4	18.942	744C							
Dry Bulb	20079[illegible]	379485	51.[illegible]	9.861	744C		14.1	56.6	11.9	.7		744
Wet Bulb	13076442	308642	41.5	6.055	744C		59.1					744
Dew Point	7378633	228303	30.7	7.083	744C		689.7					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

[redacted] HILL AFB UT — 74-83 — NOV

STATION — STATION NAME — YEARS — MONTH

PAGE 1 — 0000-2300 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[redacted] / 4								•1										1	1		
/ 59						•1	•2		•3									6	6		
/ 67						•1		•2										7	7		
/ 55						•1	•2	•2										5	5		
/ 67				•2		•4	•2	•1										14	14		
/ 6				•1	•3	•2	•2											9	9		
/ 45			•4	•7	•8	•1	•4	•1										24	24	2	
/ 47			•2	•3	1•7	1•6	•7											41	41	6	
/ 8		•2	1•1	•6	1•8	1•9	•3											53	53	11	
/ 41		•2	•4	2•1	1•4	1•2	•2											51	51	33	1
/ 4		•6	1•4	1•1	1•3	•7												46	46	28	13
/ 39		•4	1•1	2•6	3•3	•1	•1											98	98	83	16
/ 37		•2	2•9	3•6	2•6	•4												97	97	69	19
/ 3	•6	1•6	2•8	2•7	1•6													82	82	111	25
/ 33	•2	1•8	2•3	2•2	•1													67	67	94	39
/ 3	•2	2•5	4•1	3•1	•6													94	94	179	84
/ 35	•1	1•7	2•6	1•6														53	53	90	71
/ 37	•4	1•6	2•3	•2														46	46	84	73
/ 28	•2	1•	2•	•2														21	31	77	73
/ 2	•1	•7	•4	•4														17	17	53	56
/ 21		1•2	•2	•4														23	23	77	95
/ 1	•1	•7	•3	•1														11	11	26	169
/ 17	•1	•9	•3															12	12	13	68
/ 1	•1	•4	•7	•2														14	14	15	57
/ 2		•2																2	2	7	37
/ 1																				7	21
/ 3																				1	5
/ 2																					12
/ 1																					10
/ 1																					2
/																					11
/ 1																					4
/ 2																					1
/ 1																					2

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | HILL AFB UT STATION NAME | 74-83 YEARS | NOV MONTH

PAGE [redacted] | 0000-2100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	2.7	14.9	23.4	24.2	15.4	6.0	3.3	.7	.3									9[illegible]C	[illegible]C	9[illegible]C	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.	3698657	55551	61.7	15.639	90C							
Dry Bulb	1241529	3252C	36.1	8.999	90C		30.3					9C
Wet Bulb	928761	28089	31.2	7.009	90C		50.3					90
Dew Point	559743	21C69	23.8	8.272	90C	.7	79.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72755 HILL AFB UT 74-83 NOV
STATION STATION NAME YEARS MONTH

PAGE C300-C5CC
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
[illegible] / 59						•			•2									3	3		
[illegible] / 57						•2		•1										3	3		
64 / 55				•	•2		•4	•4	•1									12	12		
66 / 53						•3	•3											4	4		
[illegible] / 5					•6	•4	•4	•2										12	12		
[illegible] / 49			•1	•3	1•0	•1	•2											16	16	3	
4[illegible] / 47			•6	•2	•9	•4	•4											23	23	3	
4[illegible] / 45		•2	•6	•8	1•0	2•4	•2											47	47	3	
44 / 42		•4	•9	1•2	2•3	1•2	•2											53	53	28	1
[illegible] / 41		•4	•9	3•1	1•7	•9												63	63	28	10
4[illegible] / 39	•1	1•1	1•4	2•3	1•6	•7												65	65	39	14
7[illegible] / 37		•7	4•[illegible]	3•8	1•4	•1												90	90	52	11
[illegible] / 35	•6	1•8	2•[illegible]	2•8	•8	•7												80	80	101	25
34 / 33	•[illegible]	2•1	2•1	5•[illegible]	•2													88	88	103	33
[illegible] / 31	•3	3•[illegible]	3•7	2•9														89	89	96	67
[illegible] / 29	•7	1•7	3•8	1•4														68	68	103	65
[illegible] / 27		•6	2•2	1•2														45	45	88	91
2[illegible] / 25	•4	1•1	3•4															45	45	86	75
24 / 23		1•2	1•[illegible]	•6														25	25	45	38
[illegible] / 21		1•9	•3	•2														21	21	49	9[illegible]
[illegible] / 19		1•7	•6	•1														21	21	20	113
18 / 17	•2	•6	•2	•2														11	11	24	66
1[illegible] / 15		•3		•1														3	3	9	78
[illegible] / 13	•2	•6	•2															9	9	7	39
12 / 11		•3																3	3	6	31
1[illegible] / [illegible]		•1																1	1	6	13
[illegible] / 7																				1	8
[illegible] / 5																					7
[illegible] / 3																					5
[illegible] / 1																					12
[illegible] / -1																					2
[illegible] / -3																					1
[illegible] / -5																					2
[illegible] / -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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725755 (STATION) HILL AFB LT (STATION NAME) 74-83 (YEARS) NOV (MONTH)

PAGE 2 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	2.[illegible]	[illegible].6	2[illegible].2	[illegible].6	1[illegible].7	7.[illegible]	2.	.8	.3									9 C	[illegible]	9 C	9 C

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	31590	35.1	8.604	900		38.1					90
Wet Bulb	873754	27318	30.4	7.040	900		59.3					90
Dew Point	529196	20398	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 | HALL AFB IT STATION NAME | 74-82 YEARS | NOV MONTH

PAGE 1 | 0400-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible] / 57				•		•		•	•									4	4		
5[illegible] / 55					•			•										7	7		
[illegible] / 53					•		•											6	6		
[illegible] / 51				•		•	•	•										11	11	1	
5[illegible] / 49			•	•	•	•	•											13	13		
[illegible] / 47			•	•	•	•	•											3[illegible]	3[illegible]	6	1
[illegible] / 45			•	1.3	•	1.2	•											36	36	4	
[illegible] / 43		•	•	1.2	•	•	•											35	35	9	1
[illegible] / 41	•	.6	1.1	1.1	2.4	1.2												65	65	32	8
[illegible] / 39		.6	1.5	3.2	2.4	•												78	78	85	15
[illegible] / 37	•	1.[illegible]	2.2	3.1	1.8	•												73	73	42	10
[illegible] / 35	•	2.[illegible]	[illegible].1	3.6	•													[illegible]7	97	88	27
34 / 33	•	2.6	1.8	3.9	•	•												79	79	92	29
[illegible] / [illegible]		3.2	4.2	2.[illegible]	•													97	97	121	62
[illegible] / 29	•	1.4	2.9	1.8														62	62	102	50
[illegible] / 27		2.1	2.[illegible]	1.4														67	67	88	89
[illegible] / 25	•	1.4	1.9	.2														33	33	78	86
[illegible] / 23		•	1.[illegible]	•														19	19	65	85
[illegible] / 21		2.6	.8	.3														33	33	33	79
[illegible] / 19	•	1.[illegible]	•	•														26	26	38	106
[illegible] / 17	•	•	•															6	6	23	78
[illegible] / 15	•	•	•	•														8	8	9	79
[illegible] / 13	•	•	•															7	7	6	54
[illegible] / 11	•	•																4	4	7	29
[illegible] / 9		•																5	5	6	18
[illegible] / 7																				5	10
[illegible] / 5																					5
[illegible] / 3																					4
[illegible] / 1																					8
[illegible] / -1																					5
[illegible] / -7																					3
[illegible] / -9																					1
[illegible] / -11																					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) REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72575 STATION | HALL AFB VT STATION NAME | 74-83 YEARS | NOV MONTH

PAGE 2 HOURS (L. S. T.) 0600-0900

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	2.6	21.7	29.0	26.2	11.7	5.7	2.1	.8	.1									900	900	900	900

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3750917	56967	62.7	5.215	900							
Dry Bulb	1128398	16920	38.4	8.578	900		36.7					90
Wet Bulb	899619	26817	29.8	7.119	900		58.1					90
Dew Point	5067761	19963	22.2	8.369	900	1.1	81.7					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 | 74-93 YEARS | NOV MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 5								.2										2	2			
6 / 59							.2	.2	.3									7	7			
56 / 57						.1	.2	.7	.1									10	10			
52 / 55				.2	.3	.3	.4	1.2										25	25			
[illegible] / 51				.1	.3	.1	.6	.4	.1									15	15	1		
3 / 5				.2	.4	.7	1.4	.2										32	32	1		
5 / 45			.1	.2	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.	1.8	2.0	.6	.1										50	67	18		
49 / 4[illegible]		.1	1.1	2.2	2.3	2.1	.2											78	74	38	8	
[illegible] / 41		.3	2.[illegible]	1.8	1.8	.7	.1											61	61	57	1[illegible]	
[illegible] / 33		.6	1.2	2.5	2.6	.6												67	67	69	13	
32 / 37	.[illegible]	.9	1.6	2.8	1.1	.3												59	59	106	14	
[illegible] / 35	.4	.1	3.9	2.4	1.[illegible]	.1												77	77	93	41	
34 / 33	.[illegible]	1.4	1.2	2.1	1.[illegible]	.1												56	56	85	42	
[illegible] / 31		2.[illegible]	2.9	2.9	.5													80	80	91	79	
/ 29	.7	1.[illegible]	1.9	1.4														45	45	85	70	
28 / 27		1.3	1.1	1.6														36	36	58	85	
26 / 25		1.[illegible]	1.1	.4														23	23	66	94	
[illegible] / 23		.3	.3	.2														16	16	88	46	
[illegible] / 21		.3	.5	.1														[illegible]8	18	22	72	
20 / 19		.8	.1	.2														11	11	25	106	
18 / 17		.8	.2	.1														7	7	10	46	
[illegible] / 15		.3	.1	.2														5	5	5	58	
[illegible] / 13		.7																6	6	4	42	
1[illegible] / 11		.3																3	3	1[illegible]	29	
[illegible] / 9		.1																1	1	3	2[illegible]	
[illegible] / 7																				1	8	
[illegible] / 5																					.1	
[illegible] / 3																					4	
[illegible] / -1																					2	
-2 / -3																					1	
-4 / -5																					1	
-8 / -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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72-755 STATION | HILL AFB UT STATION NAME | 74-83 YEARS | NOV 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/-11																					1
-6/-15																					2
TOTAL	1	15	42	125	217	90	62	37	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.	3265248	52192	58.0	16.311	900							
Dry Bulb	1415057	19635	38.5	9.561	900		25.1					90
Wet Bulb	1009595	29377	32.6	7.510	900		82.0					90
Dew Point	581221	21515	23.9	8.624	900	.8	77.0					90

USAFETAC FORM 0-26-5 (OL A) 80 64 REPLACES 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)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 67										.?								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	.1	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	2.2	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	2.2	.8	.1										63	63	86	1
44 / 43		.1	.9	1.7	1.6	2.2	.2											57	57	74	11
42 / 41		.1	.9	1.8	2.4	.8												54	54	68	15
40 / 39		.3	1.1	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	1.3	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		1.3	.6	.1	.1													16	16	51	90
26 / 25		1.0	.3		.1													13	13	51	94
24 / 23		.7	.1		.2													10	10	23	39
22 / 21		.6	.1		.1													9	9	9	86
20 / 19		.1	.6															6	6	10	88
18 / 17			.1															1	1	1	48
16 / 15		.1	.1															2	2	7	39
14 / 13		.2																2	2	1	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						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS-24 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
-4 / -3																						1
-2 / -1																						1
0 / 1																						2
TOTAL	.0	9.9	13.7	7.7	17.7	15.6	12.2	7.0	3.7	1.1										5 C		5 C
																			9 C		9 C	

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.	2765233	47399	52.7	17.29	900							
Dry Bulb	1774307	38847	43.2	20.916	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	.8	71.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFG WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

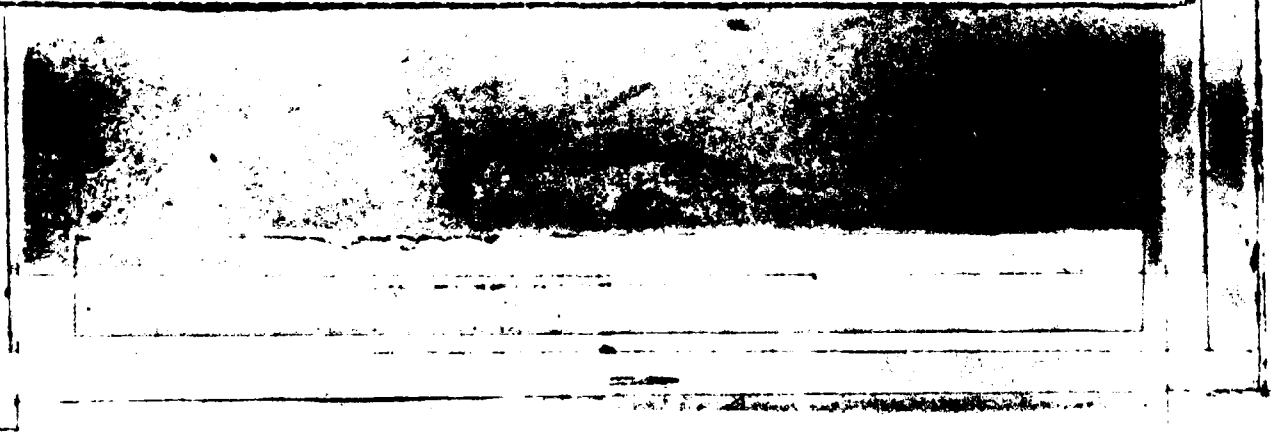
[illegible] 35 HILL AFB UT 74-83 NOV
STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]											•							1	1		
[illegible]										.2								2	2		
[illegible]									.2	.1								3	7		
[illegible]								.2	.3	.8								12	12		
[illegible]							.7	1.1	.1	.2								19	19		
[illegible] 59						.7	.9	1.9	.2									22	22		
[illegible]					.7	.9	1.6	1.9	.6	.9								42	42		
[illegible] 55				.4	.4	.2	.9	1.6	1.2	.2								38	38		
[illegible]					.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	
[illegible] 47			.8		2.8	2.9	1.7	.1										66	66	38	1
[illegible] 45		.7	.3	1.7	1.2	1.9	.7											53	53	60	4
[illegible] 43		.4	.3	1.9	1.7	1.7												58	58	60	7
[illegible] 41		.7	1.1	1.7	2.6	1.7												65	65	69	17
[illegible] 39		.7	1.1	1.2	3.2	1.1	.4											67	67	79	30
[illegible] 37		1.4	.5	2.1	1.2	.7												56	56	93	39
[illegible] 35		.9	1.4	2.4	.9	.2												54	54	79	52
[illegible] 33		.3	1.7	1.2	.7	.1												38	38	77	67
[illegible] 31	.4	2.6	1.9	1.4	1.													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
[illegible] 23	.4	.2	.2		.2													7	7	18	46
[illegible] 21		.3	.4	.2	.1													10	10	10	79
[illegible] 19			.5															5	5	4	106
[illegible] 17			.1															1	1	10	55
[illegible] 15		.2																2	2	3	25
[illegible] 13		.1																1	1	4	19
[illegible] 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						
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) 84 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] HILL AFB UT 74-82 NOV
STATION STATION NAME YEARS MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/ -6 / -8																					2 1
/ -11																					2
TOTAL	.2	.4	4.7	7.4	10.4	15.6	10.9	5.8	2.8	1.7	.2							900	900		900
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 9 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2827940	48079	53.4	16.977	900							
Dry Bulb	1767665	38823	43.1	20.169	900		15.9	.3				90
Wet Bulb	1208367	32237	35.8	7.493	900		31.3					90
Dew Point	672756	23198	26.0	8.868	900	.3	68.2					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

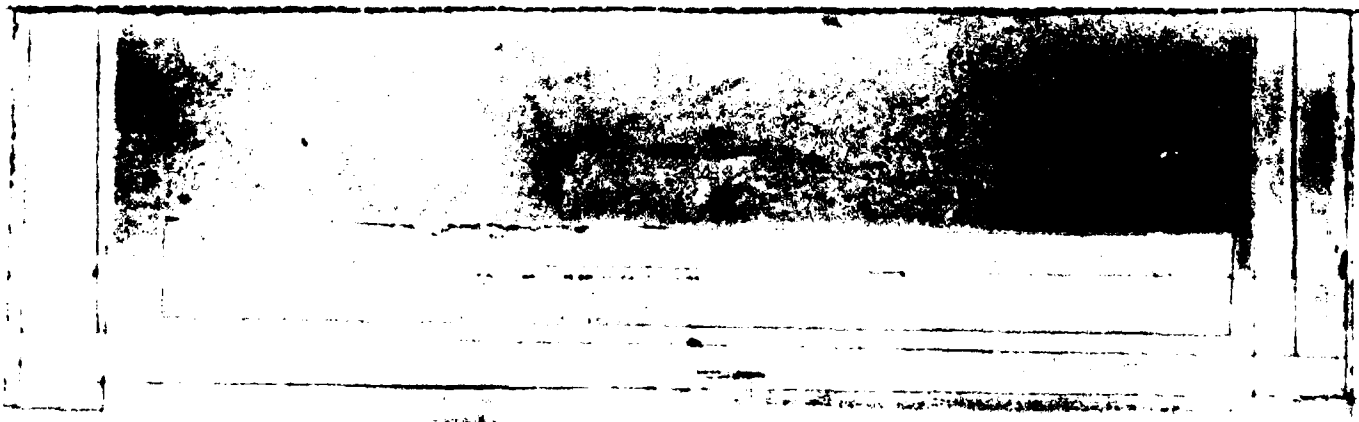
725765 HILL AFB UT 74-87 NOV
STATION STATION NAME YEARS MONTH

PAGE 1 1800-2200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]									.1									2			
[illegible]									.1	.2								3	3		
[illegible]									.1									1	1		
[illegible]								.2	.1									3	3		
[illegible]						.1	.4											6	6		
[illegible]				.1	.2	.3	.6	.9										25	25		
[illegible]				.4	1.7	.9	1.1	.9										35	35		
[illegible]				.1	.8	.8	.2											17	17		
[illegible]		.2		.7	1.7	1.6	1.3	.2										51	51	6	
[illegible]		.3	.4	.3	1.2	1.1	.4											38	38	12	
[illegible]			.1	2.8	3.7	1.9	.2	.2										82	82	34	7
[illegible]		.7	1.6	2.3	1.7	1.3		.1										65	69	27	8
[illegible]		.1	1.6	2.3	2.1	1.2												74	74	60	6
[illegible]		.7	2.1	2.1	1.4	.2												67	67	83	28
[illegible]		2.	2.1	2.7	2.7	.1												86	86	96	47
[illegible]	.4	.3	2.	3.3	.4													56	56	97	35
[illegible]		.8	2.1	2.	.9	.2												74	54	72	63
[illegible]	.4	2.6	3.5	2.6	.6													90	90	96	57
[illegible]	.3	1.1	3.1	.7	.1													48	48	76	86
[illegible]	.6	1.6	1.4	.6														37	37	77	66
[illegible]	.4	.7	1.	.7														23	23	74	72
[illegible]	.2	.1	.1	.3														7	7	28	56
[illegible]		.4	.															5	5	15	76
[illegible]		.7	.4	.3														10	10	12	118
[illegible]	.1	.3	.3															11	11	3	51
[illegible]	.2	.1	.1															4	4	12	36
[illegible]		.1																1	1	10	15
[illegible]																					9
[illegible]																					5
[illegible]																					7
[illegible]																					17
[illegible]																					5
[illegible]																					2
[illegible]																					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
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | [redacted] STATION NAME | 74-83 YEARS | NOV MONTH

PAGE 2 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-/-																					?
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]		[illegible]
																		[illegible]		[illegible]	

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.	3479052	54152	60.2	15.52	900							
Dry Bulb	1443527	35127	39.0	8.950	900		23.6					900
Wet Bulb	1655269	30143	33.5	7.126	900		40.3					900
Dew Point	695676	22928	25.5	8.276	900	.3	72.2					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

[illegible] HILL AFB UT — 74-83 — NOV

STATION — STATION NAME — YEARS — MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 67									.2									2	2		
[illegible] / 6									.1									1	1		
[illegible] / 59																		4	4		
[illegible] / 57						.1	.1	.1										8	8		
[illegible] / 52					.1	.2	.4	.2										12	12		
[illegible] / 6			.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] / 42		.7	1.7	1.3	1.7	1.7	.1											58	58	28	2
[illegible] / 4[illegible]		.7	1.2	1.7	1.2	.7	.2											69	69	44	5
[illegible] / 39		.4	1.1	1.8	1.1	.2												90	90	72	18
[illegible] / 37		1.7	2.3	1.8	1.7	.2												73	73	62	28
[illegible] / 35	.1	2.1	2.1	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	.1	.2	1.1	.9														52	52	88	69
[illegible] / 25	.1	.2	1.9	.8														36	36	62	65
[illegible] / 23	.1	.8	.4	.1														10	10	49	65
[illegible] / 21		.4	.6	.1														12	12	22	85
[illegible] / 19		.6	.1															8	8	22	99
[illegible] / 17	.4	.8	.2	.4														14	14	8	72
[illegible] / [illegible]	.2	.4	.1	.2														12	12	11	51
[illegible] / 12																				9	34
[illegible] / 11																				3	11
[illegible] / 9																				1	4
[illegible] / 7																					27
[illegible] / 5																					7
[illegible] / 3																					17
[illegible] / 1																					7
[illegible] / -1																					2
[illegible] / -3																					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) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PSYCHROMETRIC SUMMARY

[illegible] 75E | HILL AFB UT | 74-82 | NOV
STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	2.2	6.[illegible]	25.4	22.6	17.7	P.C	2.9	.6	.6									9[illegible]	9[illegible]	[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.	3623381	55345	61.5	5.642	900							
Dry Bulb	1300915	23311	37.[illegible]	8.665	900		27.5					90
Wet Bulb	962705	28751	31.9	7.015	900		85.8					90
Dew Point	586937	21735	24.2	8.307	900	.5	76.6					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

[illegible] STATION | MILL AFB LT STATION NAME | 74-81 YEARS | NOV 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]											•							1	-		
[illegible] / 67										• 1								4	3		
[illegible] / 65									• 1	•								7	7		
[illegible] / 63								• 1	• 1	• 2								29	29		
[illegible] / 61							•	• 1	• 1	• 1								40	4		
[illegible] / 59					•	•	• 1	• 1	• 1	•								77	77		
[illegible] / 57					•	• 1	• 1	• 1	• 1	• 1								11[illegible]	11[illegible]		
[illegible] / 55				• 1	• 2	• 2	• 4	• 1	• 1									165	165		
[illegible] / 53					•	• 4	• 6	• 8	• 2	• 1								158	158	1	
[illegible] / 51				• 1	• 2	• 5	• 9	• 3	• 2	•								187	187	8	
[illegible] / 49			•	• 2	• 6	1 • [illegible]	1 • [illegible]	• 3										319	319	73	2
[illegible] / 47			•	•	• 6	1 • 1	1 • 2	• 4	• 1									352	352	119	2
[illegible] / 45			• 1	• 5	1 • 5	1 • 7	1 • 9	• 4	• 1									444	444	194	7
[illegible] / 43		•	• 4	• 5	1 • 7	1 • 7	1 • 4	• 2	•									455	455	303	35
[illegible] / 41		•	• 5	1 • 3	1 • 9	2 • 2	1 •	•										497	497	382	84
[illegible] / 39		•	• 6	1 • 2	2 • 4	2 • 5	• 6	•										599	599	522	150
[illegible] / 37		• 1	1 • 1	2 • 2	2 • 6	1 • 8	• 3											581	581	607	177
[illegible] / 35		• 1	1 • 4	2 • 6	2 • 7	• 9	• 2											579	579	752	283
[illegible] / 33		•	1 • 4	1 • [illegible]	3 • 1	• 4	• 1											505	505	722	361
[illegible] / 31		• 3	2 • 7	3 • 1	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
[illegible] / 25		• 1	1 • [illegible]	1 • 5	• 3	• [illegible]												213	213	552	646
[illegible] / 23		• 1	• [illegible]	• 6	• 3	• 1												111	111	325	391
[illegible] / 21			1 • 1	• [illegible]	• 2	• [illegible]												131	131	187	660
[illegible] / 19		•	• [illegible]	• 4	• 1													98	98	151	845
[illegible] / 17		• 1	• 4	• 4	• 1													65	65	94	482
[illegible] / 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
[illegible] / 7																				7	25
[illegible] / 5																					60
[illegible] / 3																					98

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

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																					4
-/ - 5																					3
-/ - 7																					3
-/ - 9																					5
-/-11																					17
-/-13																					2
TOTAL	2.2	7.5	23.7	23.4	16.2	9.9	5.5	3.7	1.0	.4	.1							72[illegible]			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.	270708?3	4?5315	59.1	16.485	720C							
Dry Bulb	11242245	275723	38.3	9.749	720C		209.3	.5				720
Wet Bulb	8067989	234834	32.6	7.535	720C		351.7					720
Dew Point	4723150	174042	24.2	8.467	720C	4.9	607.9					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

[redacted] STATION HILL AFB UT STATION NAME 74-83 YEARS DEC MONTH

PAGE 1 [redacted] HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[redacted] / 52							•	• 2	• 3									6	6			
[redacted] / 51							•											3	3			
[redacted] / 50						•	• 2											7	7			
[redacted] / 49				•		• 2												3	3			
[redacted] / 48		• 2	• 3	• 3	• 5	• 2												7	7			
[redacted] / 47		• 5	• 6	1.8	1.2	• 2												21	21			
[redacted] / 46		• 1	1.3	1.1	• 9													41	41	10		
[redacted] / 45		1.5	2.6	2.4	• 5	• 1												31	31	26	1	
[redacted] / 44		1.2	1.9	2.2	• 3													66	66	25	6	
[redacted] / 43	• 1	2.8	2.3	2.2	• 5													69	69	59	4	
[redacted] / 42	• 5	4.3	4.7	2.6	• 1													73	73	67	27	
[redacted] / 41	• 4	3.2	3.1	2.7	• 2													114	114	106	52	
[redacted] / 40	• 1	2.1	4.1	2.4														89	89	93	62	
[redacted] / 39	• 0	2.5	4.6	1.0														86	86	92	63	
[redacted] / 38	• 1	2.4	2.2															83	83	93	85	
[redacted] / 37	• 1	3.7	2.8															43	43	114	46	
[redacted] / 36	• 4	1.7	1.6	• 2														57	57	79	67	
[redacted] / 35		1.1	• 4															37	37	72	84	
[redacted] / 34		1.5	• 2															13	13	28	77	
[redacted] / 33	• 1	2.4																25	25	19	74	
[redacted] / 32		1.1																14	14	22	84	
[redacted] / 31	• 0	• 6	• 2															11	11	19	52	
[redacted] / 30		• 6	• 2															10	10	12	41	
[redacted] / 29		• 4																5	5	7	34	
[redacted] / 28		• 9																4	4	9	18	
[redacted] / 27																		5	5	8	11	
[redacted] / 26																				4	23	
[redacted] / 25																					3	
[redacted] / 24																					11	
[redacted] / 23																					2	
[redacted] / 22																					1	
[redacted] / 21																					2	
[redacted] / 20																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | HILL AFB UT STATION NAME | 74-82 YEARS | DEC MONTH

PAGE 2 | 0000-2200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	[illegible]	33.3	34.5	9.5	4.7	1.7	.9	.2	.3									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	Total
Rel. Hum.	4204581	61167	65.8	13.98	930							
Dry Bulb	883219	27489	29.6	8.728	930		59.8					93
Wet Bulb	683185	24167	26.0	7.633	930		78.3					93
Dew Point	509650	17610	18.9	9.056	930	2.6	89.6					93

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

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

PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 52							.1		.1									3	3			
[illegible] / 51							.2	.1										3	3			
[illegible] / 49						.2	.2	.2										6	6			
[illegible] / 47			.1	.1	.5	.2	.3											12	12			
[illegible] / 45			.1			.2												3	3			
44 / 43		.2	.5	.4	.5	.2												19	19	1		
[illegible] / 41		.1	1.1	1.2	.5													26	26	8		
[illegible] / 39		.4	1.1	1.4	.4	.2												32	32	19	1	
[illegible] / 37	.1	.2	1.5	2.2	.8													44	44	25	5	
[illegible] / 35		1.1	2.5	2.7	.1													74	74	36	11	
34 / 33	.2	3.8	2.2	1.6	.0													80	80	65	15	
[illegible] / 31	1.3	4.7	3.9	4..	.2													130	130	111	46	
[illegible] / 29		2.7	1.7	1.4	.1													73	73	83	67	
[illegible] / 27		1.5	2.5	2.2														86	86	85	68	
[illegible] / 25	.1	2.8	5.2	1.1														83	83	107	64	
[illegible] / 23	.3	2.2	3..	.5														56	56	75	46	
[illegible] / 21		3.3	2.5															58	58	95	79	
[illegible] / 19	.2	3.6	1.5	.3														38	38	72	90	
[illegible] / 17	.2	1.6	.5															22	22	39	77	
[illegible] / 15	.1	1.4	.5															22	22	26	61	
[illegible] / 13		1.8	.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	8	37	
[illegible] / 5		.8	.2															9	9	7	27	
[illegible] / 3		.8																7	7	8	22	
[illegible] / 1		.7																2	2	5	23	
[illegible] / -1																				2	6	
[illegible] / -3																					7	
[illegible] / -5																					7	
[illegible] / -7																					2	
[illegible] / -9																					1	
[illegible] / -11																					5	
[illegible] / -13																					2	

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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72576 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)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-1-/-1-																					1
TOTAL	2.3	25.5	38.7	19.0	4.7	1.1	1.0	.2	.1										93C		93C
																		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	≤ 93 F	Total
Rel. Hum.	9282560	61482	66.1	13.882	93C							
Dry Bulb	890217	26751	28.8	8.726	93C		62.8					93
Wet Bulb	658545	23589	25.4	7.779	93C	.2	77.6					93
Dew Point	398837	17059	18.3	8.368	93C	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)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53								.1										1	1		
52/ 5							.3	.1										4	4		
5 / 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/ 4.			1.0	.4	1.0	.1												23	23	7	
4 / 39		.2	1.2	.6	1.5													33	33	23	
38/ 37		.1	1.1	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
3 / 29	.4	2.2	4.3	1.1	.4													78	78	82	71
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
2 / 19	.3	2.5	3.2	.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
1 / 11		1.7																16	16	19	56
1 / 9		1.3																12	12	25	45
/ 7		.4																4	4	13	33
6/ 5		.3																3	3		25
/ 3		.0																8	8	6	32
/ 1		.6																6	6	6	26
/ -1	.1																	1	1	6	16
-2/ -3																					6
-4/ -5																					3
-6/ -7																					6
-10/-11																					1
-12/-13																					5
-14/-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	≥ 90 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 | 79-83 YEARS | DEC MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	4.1	35.3	36.6	16.5	5.1	.9	1.4	.2										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.	42251C8	61278	66.0	14.058	929							
Dry Bulb	818878	26200	28.2	9.028	929		.1	65.1				93
Wet Bulb	632617	23079	24.8	7.992	929		.6	79.1				93
Dew Point	375982	16878	17.7	9.503	929		8.0	90.1				93

USAFETAC FORM 0-26-5 (10L 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
DEC — MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 57								.1										1	1		
[illegible] / 55								.1										1	1		
[illegible] / 53							.2	.2										4	4		
[illegible] / 51						.3	.2											5	5		
[illegible] / 49				.1	.4	.5	.2											12	12		
[illegible] / 47				.3	.1	.8	.2											13	13		
[illegible] / 45				.8	.5	.1	.2											17	17		
[illegible] / 43			.3	1.3	.5	.6												26	26	4	
[illegible] / 41		.2	.4	1.	.5	.9												26	29	18	
[illegible] / 39		.4	1.2	1.3	1.2	.3												39	39	24	
[illegible] / 37		.5	2.7	2.7	1.5	.1												70	70	32	
[illegible] / 35		1.7	2.7	1.9	.8	.1												67	67	41	16
34 / 33	.3	2.4	2.6	2.2	1.3													81	81	82	18
[illegible] / 31	1.4	4.5	4.7	3.8	.9													138	138	91	68
[illegible] / 29	.2	2.6	3.5	2.6	.3													86	86	121	56
[illegible] / 27	.4	3.2	2.4	1.5	.1													69	69	107	55
[illegible] / 25	.6	2.5	1.2	1.														68	68	113	83
[illegible] / 23	.2	1.1	2.3	.6														38	38	69	52
22 / 21	.3	1.8	2.?															39	39	61	78
[illegible] / 19	.2	1.2	2.4	.1														36	36	54	104
18 / 17		.9	1.															17	17	29	71
16 / 15		1.1	.9															18	18	25	56
[illegible] / 13		1.4	.3															15	15	22	60
14 / 11	.1	1.8	.1															15	15	14	48
[illegible] / 9		1.9	.1															11	11	21	37
[illegible] / 7		.8	.2															6	6	7	41
[illegible] / 5		.?	.1															3	3	5	14
[illegible] / 3		.5																5	5	5	26
[illegible] / [illegible]		.2																2	2	3	27
[illegible] / -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) 74-82 (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																				3
-14/-15																				1
TOTAL	3	129	233	121	8	9	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
Ref. Num.	4031176	59660	64.2	24.781	930							
Dry Bulb	932069	28188	30.3	9.145	930		56.4					93
Wet Bulb	707046	24580	26.4	7.860	930	.2	72.9					93
Dew Point	512672	17690	19.0	9.168	930	2.8	89.6					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

725755 STATION | HILL AFB UT STATION NAME | 74-83 YEARS | DEC MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31							
[illegible]									.1									1	1		
[illegible]									.1									1	1		
[illegible] 57						.1		.2										3	3		
[illegible] 56						.3	.1	.2										7	7		
[illegible] 53					.1	.1	.1	.4	.1									8	8		
[illegible] 51					.4	.2	.5											12	12		
[illegible] 49					.5	.3	.2	.1										16	16		
[illegible] 47			.1	.1	1.3	.2	.5											27	27	2	
[illegible] 45			.1	1.2	1.1	1.1	1.1											40	40	2	
[illegible] 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	
[illegible] 39		.1	1.5	2.8	2.4	1.8												78	78	51	
[illegible] 37			1.7	1.4	1.7	.8												52	52	44	10
[illegible] 35		2.2	2.4	3.3	1.4	.1												86	86	62	12
[illegible] 33	.1	2.3	3.1	3.9	.6													93	93	103	25
[illegible] 31	.2	4.8	4.3	4.4	.8													136	136	103	73
[illegible] 29	.5	2.2	3.1	1.6														68	68	125	69
[illegible] 27	.5	2.1	2.5	1.2														58	58	123	53
[illegible] 25	.1	1.8	2.4	.2														42	42	94	111
[illegible] 23	.2	.4	.5															13	13	59	47
[illegible] 21		.6	1.1															16	17	33	92
[illegible] 19		.1	2.2															34	34	11	109
[illegible] 17		.4	1.2	.3														16	16	25	97
[illegible] 15		.2	.5															8	8	19	54
[illegible] 13		.2	.1															8	8	12	44
[illegible] 11		.5	.1															6	6	11	47
[illegible] 9		.2	.1															4	4	8	37
[illegible] 7		.4																4	4	3	13
[illegible] 5																				4	17
[illegible] 3																					16
[illegible] 1																					11
[illegible] -1																					5
[illegible] -3																					2
[illegible] -5																					4

Element (X)	ΣR^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												

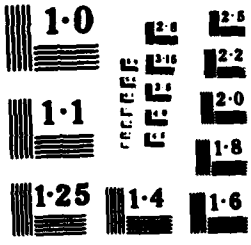
USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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




1·0
1·1
1·25
1·4
2·5
2·2
2·0
1·8
1·6

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | HILL AFB UT STATION NAME | 74-83 YEARS | DEC MONTH

PAGE 2 | 1200-1800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-/-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)	$\Sigma_{X'}$	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.	3617142	56146	60.4	15.531	929							
Dry Bulb	1156199	31727	34.1	8.915	930		81.0					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

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

 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	22-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60 / 56									.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		
50 / 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	
42 / 41		.4	1.2	2.6	1.5	1.2												68	68	26	
40 / 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
30 / 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	68
22 / 21	.3	.5	1.3															20	20	22	119
20 / 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	90
12 / 11		.6	.1															7	7	11	40
10 / 9		.1																1	1	6	18
8 / 7																				2	21
6 / 5		.3																3	3	3	6
4 / 3																					10
2 / 1																					6
0 / -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 ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Ref. Num.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 80-64 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 | 74-81 YEARS | OCT MONTH

PAGE 1 | 18CC-2CZC 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
90/ 53						.1	.2	.3										7	7		
88/ 51						.2	.4											6	6		
86/ 49					.1	.2	.1	.2										8	8		
84/ 47					.1	.2	.3											8	8		
82/ 45			.1	.3	.1	.5	.2											15	15		
80/ 43			.2	.5	.9	.4												15	15	2	
78/ 41		.6	1.6	1.8	.3	.1												42	42	12	
76/ 39		.6	1.5	2.3	1.2													52	52	22	
74/ 37		.8	2.6	2.5	1.0	.1												64	64	44	6
72/ 35		2.8	3.5	2.3	.4													84	84	56	11
70/ 33	.1	3.4	3.0	3.1	1.2													102	102	96	25
68/ 31	.1	3.5	5.7	2.3	1.2													117	117	121	68
66/ 29	.5	3.1	4.4	2.7	.1													95	95	83	81
64/ 27	.4	4.5	4.0	1.2														92	92	121	65
62/ 25		2.0	3.1	.4														52	52	115	68
60/ 23	.6	1.9	1.6															39	39	98	45
58/ 21	.2	1.5	1.1															26	26	43	99
56/ 19	.4	1.6	1.3															36	36	40	130
54/ 17		.8	.3															12	12	26	74
52/ 15	.1	.6	.5															12	12	15	54
50/ 13		1.2	.6															17	17	14	60
48/ 11		1.0	.2															11	11	14	44
46/ 9		.5	.1															6	6	14	25
44/ 7		.3	.2															5	5	7	19
42/ 5		.3																3	3	5	9
40/ 3																				2	12
38/ 1																					17
36/ -1																					5
34/ -3																					3
32/ -5																					6
30/ -7																					4
28/ -9																					
TOTAL	2.7	31.3	36.6	18.3	7.0	2.4	1.3	.5										930			930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4239912	611509	66.1	19.386	930							
Dry Bulb	963968	28918	31.1	8.219	930		52.3					93
Wet Bulb	788935	25989	27.9	7.139	930		69.8					93
Dew Point	487928	19078	20.5	8.968	930	3.8	88.8					93

USAFETAC FORM 0-26-5 (OL A) REVISED FOR FOUR SERIES OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | HILL AFB UT STATION NAME | 79-81 YEARS | DEC MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[redacted]							•		•									5	5		
[redacted]						•	•											5	5		
[redacted]					•	•	•											[redacted]	[redacted]		
[redacted]						•	•											7	7		
[redacted]					•	•	•											12	12		
[redacted]		•	•	•	•	•												22	22	1	
[redacted]		•	1.1	1.3	•													29	29	10	
[redacted]		•	1.5	1.5	•													37	37	18	1
[redacted]		•	4.4	2.[redacted]	•	•												69	69	32	3
[redacted]	•	1.3	2.8	3.4	•	•												73	73	57	9
[redacted]	•	4.3	2.[redacted]	3.2	•													91	91	84	23
[redacted]	•	4.2	3.4	2.5	•													102	102	104	59
[redacted]	•	3.8	3.5	2.5	•													97	97	78	64
[redacted]	•	2.3	5.9	1.8														98	98	96	70
[redacted]	•	3.7	3.7	•														71	71	98	82
[redacted]	•	1.8	2.2															38	38	114	37
[redacted]	•	2.[redacted]	1.3	•														34	34	68	67
[redacted]	•	2.3	2.5															47	47	85	106
[redacted]	•	•	•															14	14	34	93
[redacted]	•	•	•															16	16	18	73
[redacted]		•																14	14	16	56
[redacted]		1.1	•															13	13	18	46
[redacted]		1.3	•															16	16	12	45
[redacted]		•	•															6	6	12	21
[redacted]		•																1	1	9	11
[redacted]		•																3	3	1	19
[redacted]																				3	20
[redacted]																					[redacted]
[redacted]																					3
[redacted]																					2
[redacted]																					1
[redacted]																					1
TOTAL	3.1	33.0	36.3	19.5	4.2	2.2	1.4		.3									930	930		930

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4236482	61372	66.0[redacted]	4.167	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	89.8					93

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

725755 STATION | HILL AFB UT STATION NAME | 74-87 YEARS | DEC MONTH

PAGE ' | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[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	.1	.4	.4	.1										90	91		
[illegible]			.2	.2	.4	.5	.3											101	101	3	
[illegible]			.1	.6	.3	.5	.3											138	138	2	
[illegible]		.1	.5	.8	.9	.5	.2											211	211	39	
[illegible]		.3	1.0	1.4	.9	.5	.1											304	304	110	
[illegible]		.3	1.1	1.7	1.2	.4												372	372	222	4
[illegible]	.1	.5	2.4	2.1	1.0	.2												460	460	274	41
[illegible]	.1	.7	3.3	2.5	.6	.1												609	609	416	58
[illegible]	.2	3.0	2.5	2.8	.7													682	682	649	175
[illegible]	.6	4.1	4.5	3.4	.5													993	993	875	461
[illegible]	.4	2.8	3.6	2.1	.2													668	669	748	545
[illegible]	.4	3.1	3.5	1.6	.2													644	644	837	687
[illegible]	.3	2.3	3.5	.6														505	505	838	654
[illegible]	.2	1.5	2.1	.2														292	292	641	375
[illegible]	.7	2.1	1.9	.2														309	310	481	667
[illegible]	.2	1.6	2.2	.3														310	310	388	835
[illegible]	.1	1.0	.7	.1														140	140	261	619
[illegible]	.1	.9	.7	.1														122	122	171	506
[illegible]	.1	1.3	.3															114	114	137	472
[illegible]	.1	1.1	.1															98	98	124	390
[illegible]	.0	.7	.1															66	66	118	283
[illegible]		.4	.1															39	39	55	219
[illegible]		.3	.1															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]																					28

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	≥ 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

[illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

02755 (STATION) HILL AFB UT (STATION NAME) 74-83 (YEARS) DEC (MONTH)

 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	2.	21.5	29.	25.2	11.4	5.6	1.8	1.4	.1								931	93	931	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.	3407608	57818	62.2	5.188	930							
Dry Bulb	1191397	31585	34.0	6.899	930		81.8					93
Wet Bulb	866006	27278	29.3	6.953	930		62.9					93
Dew Point	831978	20068	21.6	7.877	930	1.8	66.3					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

[redacted] STATION | HILL AFB UT STATION NAME | 74-83 YEARS | DEC MONTH

PAGE [redacted] | 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
-- / -7																					22
-- / -9																					12
- / -11																					23
-1 / -13																					7
-3 / -15																					5
TOTAL	7.93[illegible]	34.2	20.2	7.2	3.3	1.5	.5	.1										7439			7438
																	7438		7438		

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.	32618[illegible]69	980925	69.6	19.[illegible]9	7438							
Dry Bulb	7436788	228782	30.7	9.005	7439	.1	836.2					788
Wet Bulb	5810[illegible]83	199911	26.9	7.666	7438	1.0	572.5					788
Dew Point	3836928	185872	19.6	8.920	7438	19.2	712.2					788

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

[illegible] HILL AFB UT — 74-84 — ALL

STATION — STATION NAME — YEARS — MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 99																	.0	3	3		
[illegible] / 97														.0	.0	.0	.0	24	24		
[illegible] / 95										.0				.0	.0	.0	.1	104	104		
[illegible] / 93										.0			.0	.0	.0	.1	.2	247	247		
[illegible] / 91										.0			.0	.0	.1	.1	.2	383	383		
[illegible] / 89									.0		.0	.0	.0	.1	.2	.2	.2	606	606		
[illegible] / 87									.0	.0	.0	.1	.1	.2	.2	.2	.1	802	803		
[illegible] / 85								.0	.0	.0	.1	.2	.2	.2	.3	.2	.1	991	992		
[illegible] / 83						.0		.0	.0	.0	.1	.2	.3	.3	.3	.1	.0	1170	1171		
[illegible] / 81						.0	.0	.0	.0	.1	.2	.3	.4	.3	.2	.0	.0	1366	1367		
[illegible] / 79						.0	.0	.1	.1	.2	.3	.4	.4	.3	.1	.0		1648	1649		
[illegible] / 77				.0		.0	.0	.1	.2	.3	.4	.4	.3	.2	.0	.0		1757	1757	1	
[illegible] / 75					.0	.0	.0	.1	.2	.2	.4	.5	.5	.3	.1	.0		1959	1960	4	
[illegible] / 73				.0	.0	.0	.1	.1	.2	.3	.4	.5	.3	.2	.0			2015	2015	4	
[illegible] / 71				.0	.0	.1	.1	.1	.3	.5	.5	.6	.3	.1	.0			2267	2267	6	2
[illegible] / 69			.0	.0	.1	.1	.2	.3	.4	.6	.6	.5	.2	.0	.0			2522	2522	28	4
[illegible] / 67			.0	.0	.0	.1	.2	.3	.5	.6	.6	.4	.1	.0				2478	2484	200	7
[illegible] / 65			.0	.1	.1	.1	.2	.4	.6	.7	.5	.2	.1					2603	2610	614	17
[illegible] / 63			.0	.0	.1	.1	.2	.3	.5	.6	.7	.5	.1	.0				2507	2507	1452	61
[illegible] / 61		.0	.0	.1	.1	.2	.3	.5	.7	.6	.2	.0						2385	2387	2127	185
[illegible] / 59		.0	.0	.1	.1	.2	.4	.6	.8	.5	.1	.0						2536	2539	2881	293
[illegible] / 57	.0	.0	.0	.1	.2	.3	.5	.7	.7	.3	.1							2511	2512	3682	451
[illegible] / 55		.0	.0	.2	.3	.6	.8	.6	.2	.0								2549	2549	3774	698
[illegible] / 53		.0	.1	.3	.4	.7	.7	.4	.1	.0								2370	2370	3785	838
[illegible] / 51	.0	.0	.1	.3	.5	.7	.7	.3	.0	.0								2454	2454	3966	1299
[illegible] / 49	.0	.1	.3	.5	.7	.8	.6	.2	.0									2825	2825	4286	1613
[illegible] / 47	.0	.1	.4	.4	.9	.8	.4	.1	.0									2748	2749	3864	2037
[illegible] / 45	.0	.1	.6	.9	.9	.7	.3	.0										3032	3032	4045	2601
[illegible] / 43	.0	.2	.6	.9	1.0	.6	.1	.0										3117	3117	4003	2855
[illegible] / 41	.0	.4	.9	1.1	.9	.4	.1	.0										3300	3300	4134	3541
[illegible] / 39	.0	.5	1.1	1.2	.9	.3	.0											3545	3545	4449	4154
[illegible] / 37	.0	.6	1.4	1.2	.6	.1	.0											3540	3540	4470	4826
[illegible] / 35	.1	1.0	1.5	1.2	.8	.0												3714	3714	4537	5216
[illegible] / 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 0-26-5 (OL A) 30 Jul — 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 | 74-84 YEARS | ALL MONTH

PAGE 2 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible] / 3	.3	1.6	2.[illegible]	1.2	.2														4521	4521	4678	7868
[illegible] / 24	.[illegible]	.[illegible]	1.4	.5	.[illegible]														2636	2686	4287	5876
[illegible] / 22	.	1.1	1.[illegible]	.4	.[illegible]														2497	2497	4042	5688
[illegible] / 25	.	.[illegible]	1.1	.2	.														2019	2019	3624	5565
[illegible] / 27	.[illegible]	.5	.6	.1	.[illegible]														1133	1133	2473	3235
[illegible] / 21	.[illegible]	.8	.5	.[illegible]	.[illegible]														1236	1237	1795	4675
[illegible] / 19	.[illegible]	.8	.6	.															1257	1257	1381	5415
[illegible] / 17	.	.6	.3	.[illegible]															747	747	1103	3399
[illegible] / 15	.	.8	.3	.															592	592	809	2697
[illegible] / 9	.	.3	.1																430	430	652	1990
1 / 11	.	.7	.1																291	291	445	1546
[illegible] / 9	.	.2	.1																210	210	352	1077
[illegible] / 7	.	.1	.																121	121	207	830
[illegible] / 5	.	.1	.																68	68	131	473
[illegible] / 7	.	.1	.																38	38	85	486
[illegible] / [illegible]	.	.																	62	62	82	432
[illegible] / -1	.	.																	27	27	65	259
[illegible] / -2		.																	3	3	16	157
-4 / -5																						111
-6 / -7																						114
-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.	2469067[illegible]	4891053	51.2	20.339	87635							
Dry Bulb	2513619[illegible]	4384298	50.0	19.333	87663	3.0	1799.2	2035.9	1308.1	657.0	37.8	8760
Wet Bulb	1573939[illegible]	3534195	40.3	13.002	87635	8.1	2610.5	25.3	.9			8760
Dew Point	913976[illegible]	2630683	30.0	13.909	87635	86.7	5208.5	1.3				8760

FORM 0-26-5 (OL A) AS 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] 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	16.621
	TOTAL OBS	930	849	930	900	930	900	930	930	900	930	900	930	10959
[illegible]	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	8.206	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	20.489
	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	7885	6792	7439	7200	7433	7200	7440	7440	7200	7440	7200	7439	87663

USAF ETAC FORM OCT 78 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] 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	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.[illegible]04	7.	12.290
	TOTAL OBS	930	849	930	900	93[illegible]	897	930	930	90[illegible]	930	900		10956
[illegible]-05	MEAN	23.1	25.8	30.4	34.7	41.1	47.4	53.7	52.0	45.9	38.3	3[illegible].4	[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	93[illegible]	897	930	930	900	930	900	930	10956
[illegible]-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	12.653
	TOTAL OBS	93[illegible]	849	930	900	93[illegible]	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	93[illegible]	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	93[illegible]	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	93[illegible]	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	7880	6792	7839	7200	7833	7179	7839	7836	7199	7880	7200	7838	87435

USAF ETAC FORM OCT 75 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

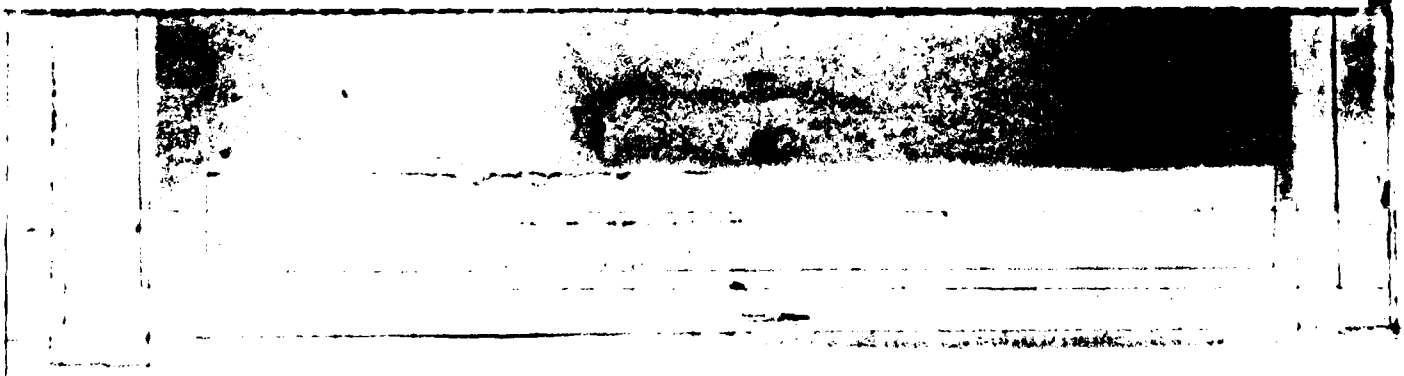
MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] 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
	S D	10.143	9.[illegible]74	7.128	7.694	6.894	7.265	7.993	9.242	8.632	7.[illegible]04	8.272	9.056	11.809
	TOTAL OBS	930	849	93[illegible]	[illegible]0	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	41.3	34.4	28.7	22.7	18.3	28.6
	S D	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
	S D	1[illegible].735	9.93[illegible]	7.424	7.744	6.6[illegible]1	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	93[illegible]	896	93[illegible]	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
	S D	10.23[illegible]	9.403	7.212	7.735	6.648	7.248	7.2[illegible]1	8.224	8.44[illegible]	6.892	8.626	9.168	12.794
	TOTAL OBS	93[illegible]	849	93[illegible]	9[illegible]0	93[illegible]	898	93[illegible]	930	90[illegible]	93[illegible]	900	93[illegible]	10957
1[illegible]-14	MEAN	19.[illegible]	22.2	25.6	27.3	35.6	39.4	45.2	43.1	37.7	32.8	25.6	21.[illegible]	31.3
	S D	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	93[illegible]	9[illegible]0	93[illegible]	899	93[illegible]	927	899	93[illegible]	900	929	10953
[illegible]-17	MEAN	20.[illegible]	22.9	25.2	26.9	34.7	37.8	43.2	41.2	36.5	32.8	26.[illegible]	21.6	30.8
	S D	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	93[illegible]	849	929	9[illegible]0	29	897	929	929	90[illegible]	93[illegible]	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
	S D	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	93[illegible]	9[illegible]0	927	898	93[illegible]	930	900	930	900	93[illegible]	10954
[illegible]-23	MEAN	18.3	21.[illegible]	24.9	26.7	34.4	38.4	43.4	41.1	35.3	30.3	24.2	19.4	29.8
	S D	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	93[illegible]	849	93[illegible]	9[illegible]0	927	897	93[illegible]	930	900	93[illegible]	900	93[illegible]	10953
ALL HOURS	MEAN	18.[illegible]	20.8	24.7	26.6	34.6	38.7	44.1	41.8	36.[illegible]	30.7	24.2	19.6	30.[illegible]
	S D	9.898	9.064	7.207	7.797	7.034	7.354	8.097	9.027	8.598	7.081	8.467	8.92[illegible]	11.9[illegible]9
	TOTAL OBS	744[illegible]	6792	7439	72[illegible]0	7433	7179	7439	7436	7199	7440	7200	7438	87635

USAF ETAC FORM OCT 78 0-89-5 (OL A)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72755 HILL AFB UT — STATION / 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

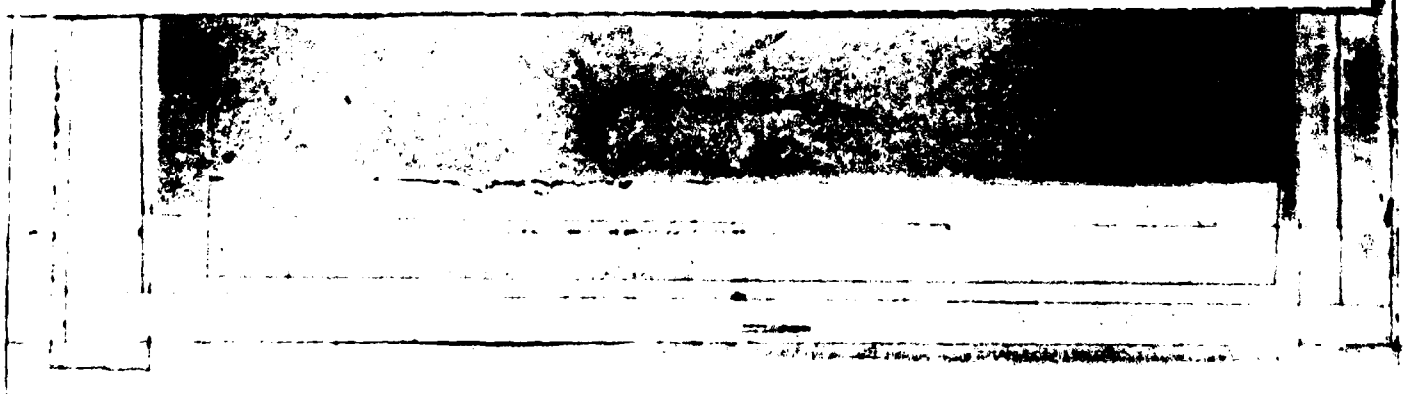
RELATIVE HUMIDITY

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	98.1	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

USAFETAC FORM AUG 64 0-87-5 (OL A)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[illegible] 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									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
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	67.0	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 AIR 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72755 HILL AFB UT — STATION / STATION NAME

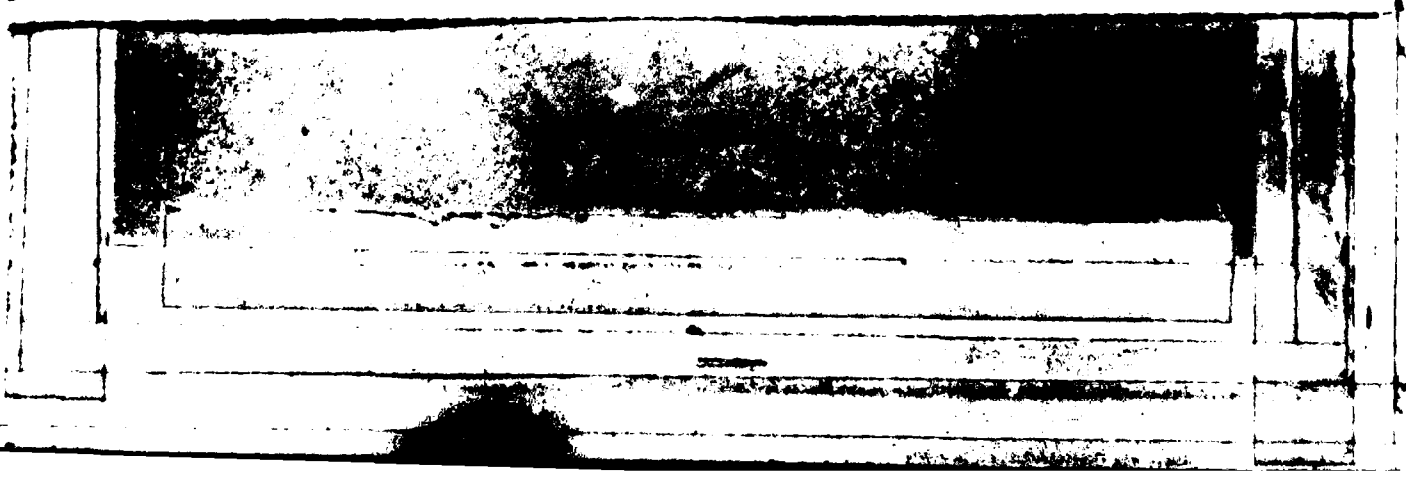
75-84 — PERIOD

APR — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	99.8	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

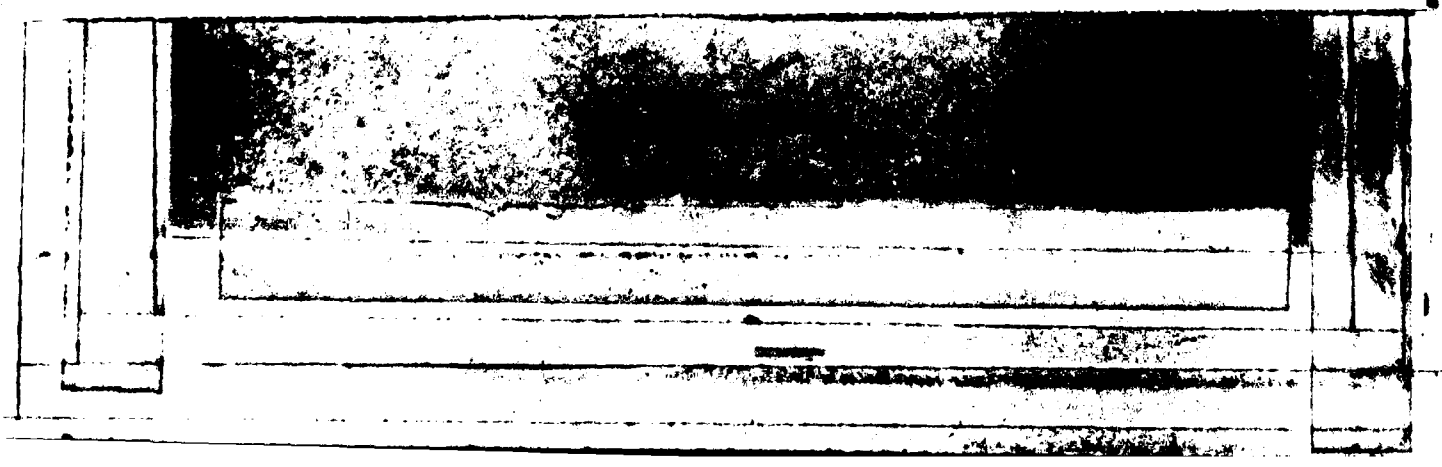
RELATIVE HUMIDITY

725755 STATION | HILL AFB UT STATION NAME | 75-84 PERIOD | MAY MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	99.8	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 NO. 0-87-5 (OL A)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

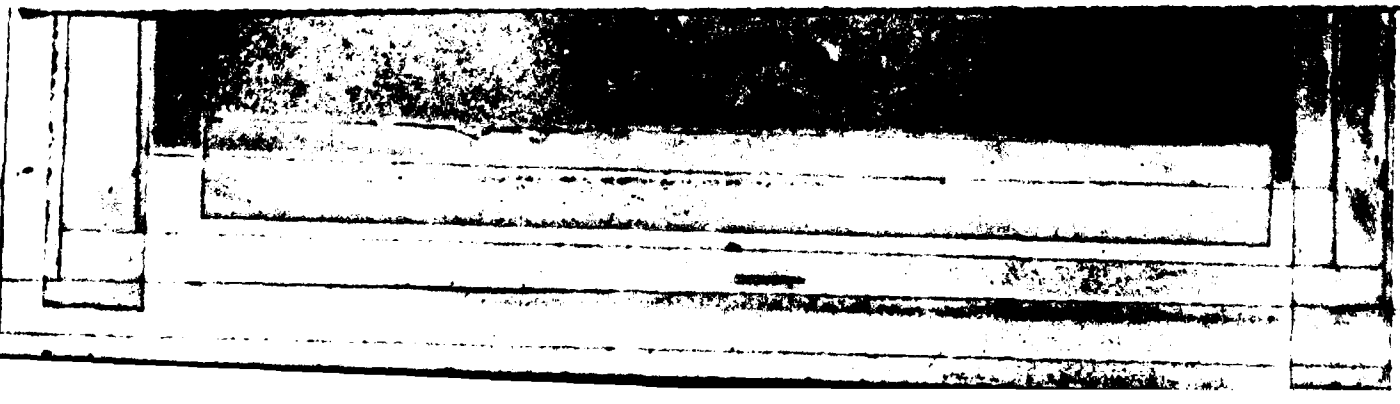
RELATIVE HUMIDITY

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 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 AIR 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

72575 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 AM 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

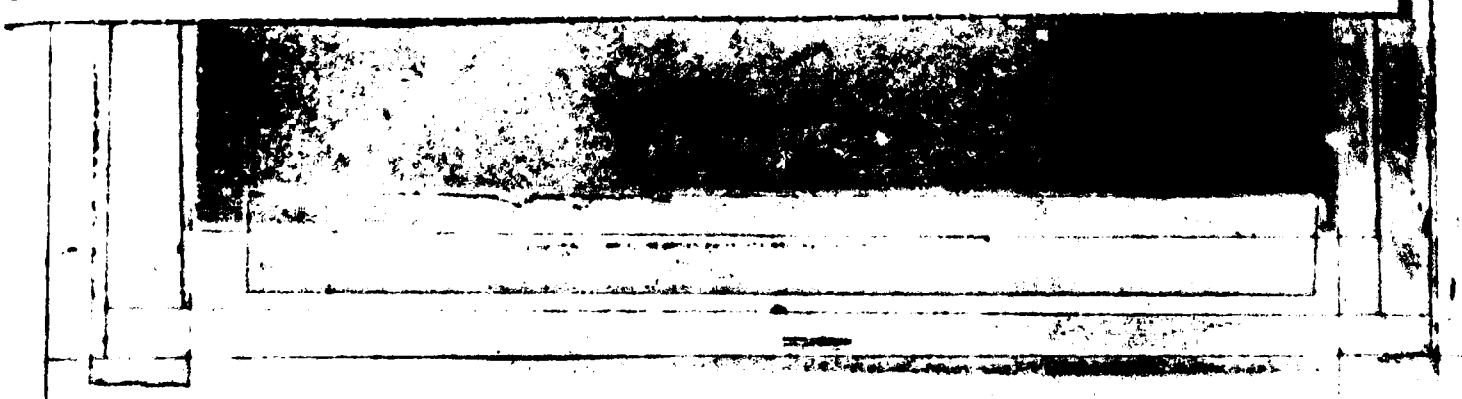
RELATIVE HUMIDITY

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (PERIOD) NOV (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	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 0-87-5 (OL A)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

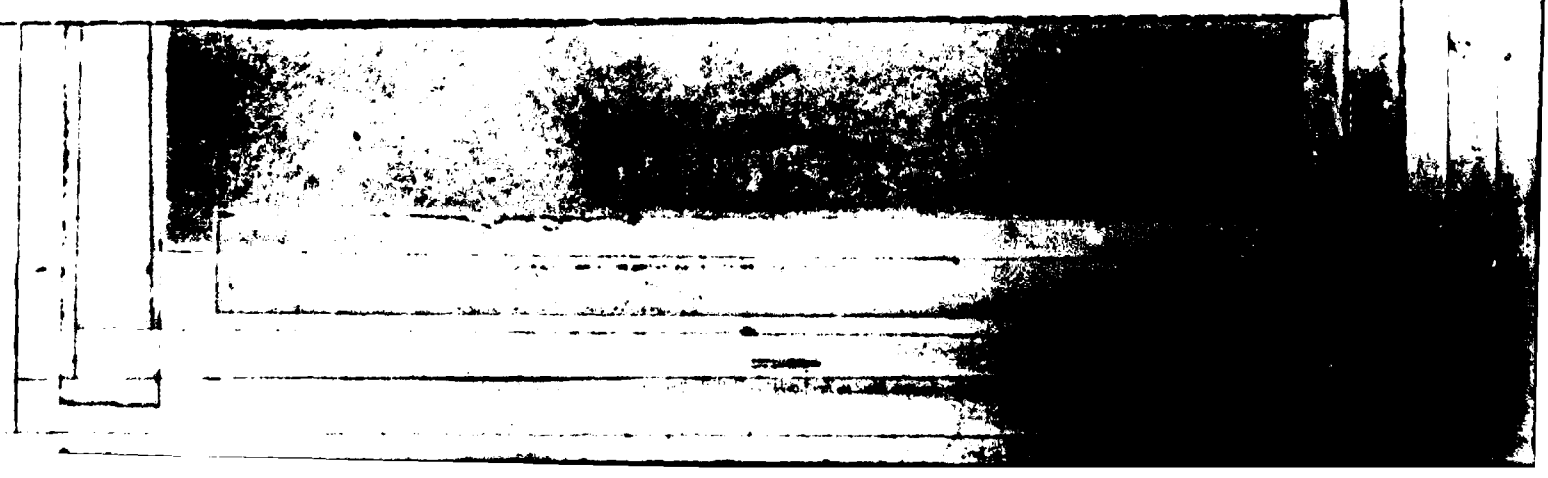
RELATIVE HUMIDITY

725755 (STATION) HILL AFB UT (STATION NAME) 74-83 (PERIOD) DEC (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	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 AM 64 0-87-5 (OL A)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

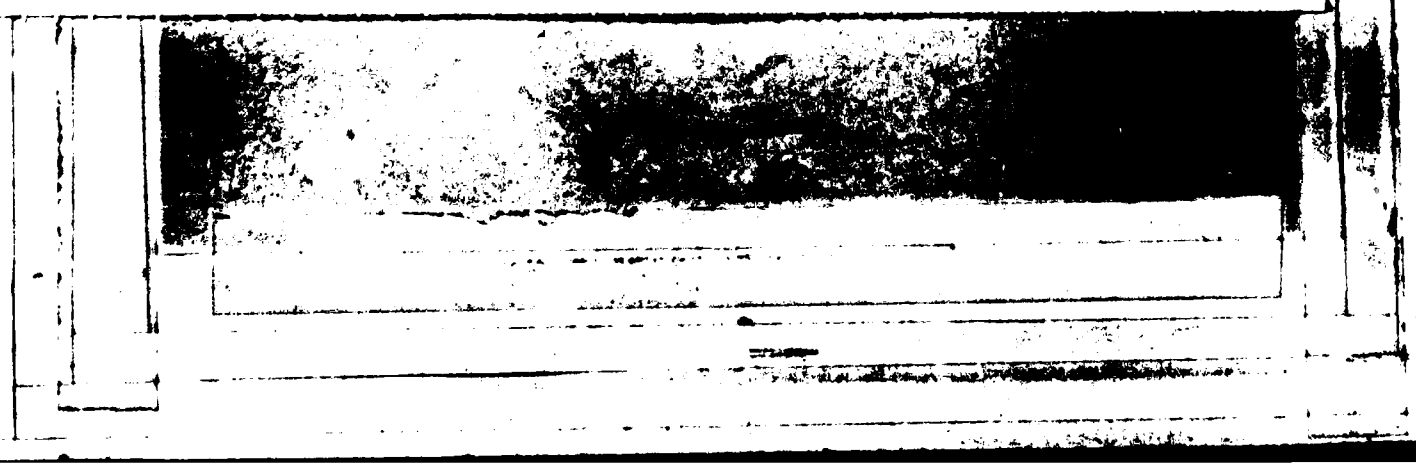
RELATIVE HUMIDITY

[illegible]755 HILL AFB LT — 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 JUN 64 0-87-5 (OL A)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

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

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	25.241	25.212	25.107	25.112	25.117	25.148	25.194	25.203	25.214	25.252	25.238	25.244	25.195
	S D	.206	.188	.183	.150	.133	.105	.085	.086	.109	.148	.182	.193	.161
	TOTAL OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
	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
	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
	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
1	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
	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
	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
	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
	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
23	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
	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
ALL HOURS	S D	.206	.190	.183	.154	.137	.106	.086	.090	.110	.151	.185	.187	.162
	TOTAL OBS	2480	2264	2480	2400	2477	2400	2480	2480	2400	2480	2400	2480	29221

USAF ETAC FORM OCT 78 0-09-5 (DL A)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[illegible] 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	0-02	100.0	93.5	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.[illegible]	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. 0-87-5 (OL A)

LOCAL CLIMATOLOGY BRANCH
USAPETAC
AIR WEATHER SERVICE/MAC

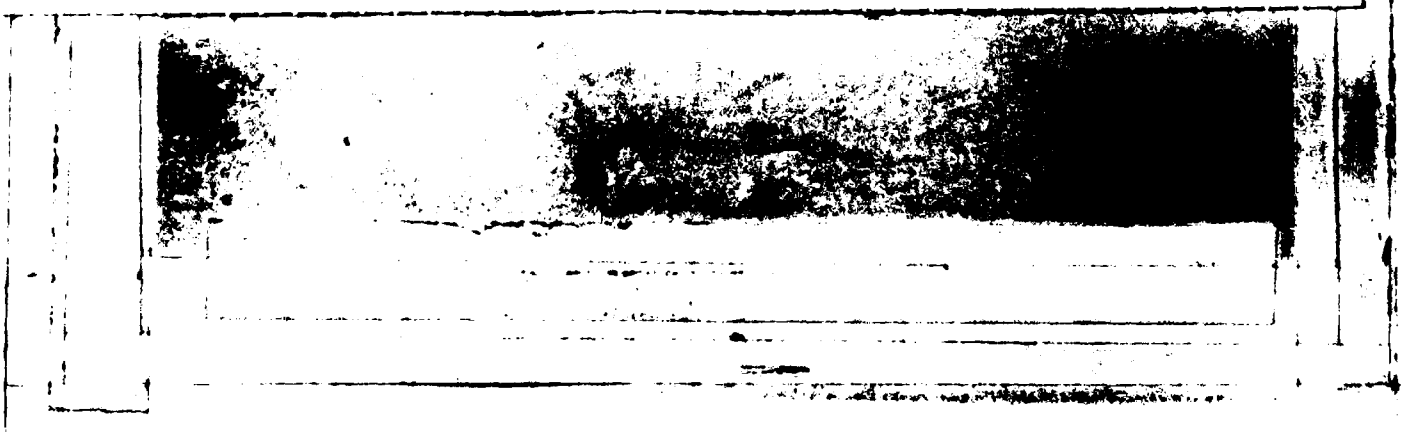
RELATIVE HUMIDITY

[redacted] HILL AFB UT — 74-83 — SEP
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%		
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

USAPETAC FORM JUN 84 0-87-5 (OL A)



U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

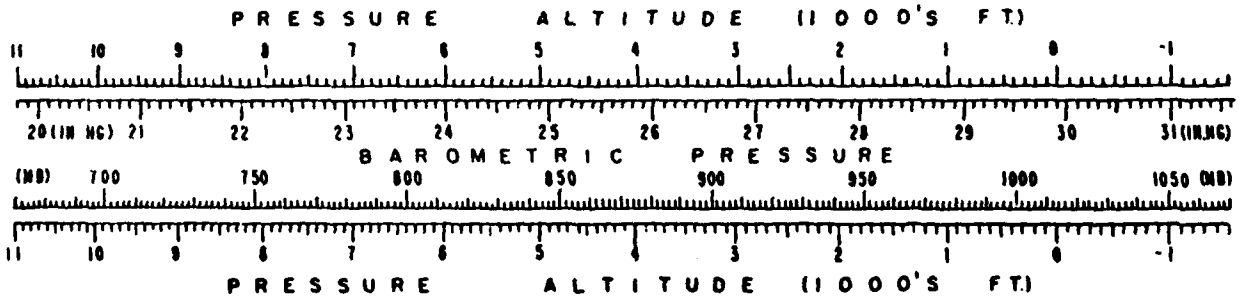
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided 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.



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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

725755 (STATION) HILL AFB UT (STATION NAME) 74-84 (YEARS)

HRS (LST)		JAN	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
5	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
7	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
8	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	9.576	8.867	8.274	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
9	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
10	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	7.812
	TOTAL OBS	310	283	310	300	309	300	310	310	300	310	300	310	3652
11	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
12	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

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