PHOTOGRAPH THIS SHEET

AD-E850079

[redacted]

ATTENTION:
Camera Operator
When Filming attached document
use Bell & Howell camera ONLY!!!

Consult with Supervisor for
further instructions.

AD A102405

DTIC ACCESSION NUMBER

III

LEVEL

INVENTORY

Rept. No. USAFETAC/DS-81/067

DOCUMENT IDENTIFICATION

8 Jun 73

DISTRIBUTION STATEMENT A
Approved for public release;
Distribution Unlimited

DISTRIBUTION STATEMENT

ACCESSION FOR
NTIS GRA&I
DTIC TAB
UNANNOUNCED
JUSTIFICATION

BY
DISTRIBUTION /
AVAILABILITY CODES

DIST	AVAIL AND/OR SPECIAL	
A		

DISTRIBUTION STAMP

DTIC
ELECTE
S AUG 4 1981 D
D

DATE ACCESSIONED

81 7 27 066

DATE RECEIVED IN DTIC

PHOTOGRAPH THIS SHEET AND RETURN TO DTIC-DDA-2

DTIC FORM 70A OCT 79

DOCUMENT PROCESSING SHEET

ADE 850 079
CL11331

USAFETAC/DS-81/067

AD A102405

DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

KWAJALEIN MARSHALL IS/ATOLL WBAN #40601
N 08 43 E 167 44
KWAJALEIN MARSHALL IS/BUCHOLZ WBAN #40604
N 08 44 E 167 44 ELEV 26 FT PKWA WMO# 91366

PARTS A-F

POR FROM HOURLY OBS:	40601	FEB 44-MAY 46, JUL 46-FEB 47, APR 47-APR 52
	40604	MAY 52-DEC 72
POR FROM DAILY OBS:	40601	FEB 44-MAY 46, JUL 46-FEB 47, APR 47-APR 52
	40604	MAY 52-DEC 71

409

8 JUN 1973

FEDERAL BUILDING
ASHEVILLE, N. C.

THIS DOCUMENT HAS BEEN APPROVED FOR PUBLIC RELEASE AND SALE; ITS DISTRIBUTION IS UNLIMITED.

Was on → CL [illegible]
done on CL 11331 with a priority 1

Review and Approval Statement

This report is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by DDC 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
Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

Walter S Burgmann

WALTER S. BURGMANN
AWS Scientific and technical
Information Officer (STINFO)

UNCLASSIFIED
SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

ADE 850 079

REPORT DOCUMENTATION PAGE

READ INSTRUCTIONS BEFORE COMPLETING FORM

1. REPORT NUMBER: USAFETAC/DS-81/067
2. GOVT ACCESSION NO.:
3. RECIPIENT'S CATALOG NUMBER:

4. TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Kwajalein, Marshall Is./ Bucholz
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: 8 JUN 73
13. NUMBER OF PAGES: 420

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)

Approved for public release; distribution unlimited.

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

18. SUPPLEMENTARY NOTES

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

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

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

This report is a six-part statisitical summary of surface weather observations for Kwajalein, Bucholz, Marshall Is.
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)

DD FORM 1 JAN 73 1473

UNCLASSIFIED
SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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

*Kwajalein, Marshall Is. *Bucholz, Marshall Is.

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

DATA PROCESSING DIVISION
USAFETAC OL-1
AIR WEATHER SERVICE (MAC)

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
SNOWFALL
SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY
SKYCOVER

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

PART F STATION PRESSURE
SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS:

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

JANUARY_____	APRIL_____	JULY_____	OCTOBER_____
FEBRUARY_____	MAY_____	AUGUST_____	NOVEMBER_____
MARCH_____	JUNE_____	SEPTEMBER_____	DECEMBER_____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NO.
40604	KWAJALEIN MARSHALL IS/BUCHOLZ	N 08 44	E 167 44	26	PKWA	91366

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	TYPE BAROMETER	
1	Kwajalein Fld Atoll	AAF	Feb 44	May 45	N 08 42	E 167 44	17	9	24
2	Same	Same	Jun 45	Oct 45	Same	Same	16	9	24
3	Same	Same	Nov 45	Jan 46	Same	Same	Same	13	24
4	Same	Same	Feb 46	Mar 46	N 08 43	Same	Same	Same	24
5	Same	Same	Apr 46	Oct 46	N 08 44	Same	Same	10	24
6	Kwajalein Is Atoll	AB	Nov 46	Jun 49	Same	E 167 43	Same	Same	24
7	Same	Same	Jul 49	Apr 52	Same	Same	Same	Same	24
8	Same	MAS	May 52	Nov 54	Same	Same	26	13	24
9	Same	Same	Dec 54	Jan 58	Same	Same	Same	26	24
10	Same	Same	Feb 58	Jan 60	Same	E 167 44	Same	Same	24
11	Same	Same	Feb 60	Jun 60	Same	Same	Same	Same	24
12	Same	WB	Jul 60	Dec 64	Same	Same	Same	11	24
13	Same	Same	Dec 65	Dec 72	Same	Same	Same	Same	8

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Feb 44 to Jul 45	Located on base operations bldg.	Anemometer	N/A	74 ft	
2	Aug 45 to Oct 45	Located on ATC Oper. Bldg.	Same	N/A	Same	
3	Nov 45 to Feb 46	Same	Same	N/A	30 ft	
4	Mar 46 to Aug 46	Located on SW Wing of MATS Terminal	Selsyn	ML 144	25 ft	
5	Sep 46 to Jun 49	Same	AN/GMQ-1	ML 204	30 ft	
6	Jul 49 to Apr 52	Not available.	Same	Same	N/A	

USAFETAC FORM APR 68 0-19 (OL A)

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
7	May 52 to Nov 54	Located on platform on terminal bldg.	Aerovane	N/A	65 ft	
8	Dec 54 to Jan 60	Located on mast atop control tower	AN/GMQ-5	RD-106B	67 ft	
9	Feb 60 to Jun 60	Located on top of control tower. 1.	Same	Same	62 ft	
10	Jul 60 to 12 Sep 67	Located on a pole on field. 2. Located on top of cont. tower.	Same Same	Same	25 ft 62 ft	
11	13 Sep 67 to 17 Jul 68	1. Same 2. Same	F420C AN/GMQ5	N/A Same	Same Same	
12	18 Jul 68 to 22 Jun 69	1. Same 2. Same	Same Same	F312 Same	Same Same	
13	23 Jun 69 to Dec 72	1. Located on mast on field 2. Same	Same Same	Same Same	19 ft 19 ft	

MAC-8 AFB, III 68-5078

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

A

PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

40604 (STATION) | KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) | 44-72 (YEARS) | ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	3.3				5.3				.0	.0	16853
FEB		.1	4.3				4.3		.1			.1	15497
MAR		.1	6.4				6.4		.1			.1	16825
APR		.0	7.7				7.7		.0		.0	.0	16663
MAY		.0	10.1				10.1	.0	.0			.0	17574
JUN		.0	8.5				8.5		.3		.0	.3	16307
JUL		.1	9.4				9.4		.0			.0	17599
AUG		.1	9.3				9.3						17602
SEP		.1	10.7				10.7						17032
OCT		.1	11.9				11.9		.0			.0	17582
NOV		.2	12.1				12.1		.2		.0	.2	17040
DEC		.1	9.0				9.0						17604
TOTALS		.1	8.7				8.7	.0	.1		.0	.1	204183

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 45-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		5.3				5.3				.0	.0	2107
	03-05	.0	6.7				6.7						2108
	06-08	.1	5.3				5.3				.0	.0	2108
	09-11	.1	5.0				5.0						2108
	12-14	.1	5.1				5.1						2107
	15-17		5.0				5.0						2107
	18-20		4.8				4.8						2106
	21-23		5.3				5.3						2107
TOTALS		.0	5.3				5.3				.0	.0	16858

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	.2	3.7				3.7		.1			.1	1942
	03-05	.2	5.5				5.5		.1			.1	1932
	06-08	.1	5.4				5.4		.1			.1	1944
	09-11		5.0				5.0		.1			.1	1933
	12-14		3.3				3.3		.1			.1	1942
	15-17		3.1				3.1		.1			.1	1931
	18-20	.1	4.0				4.0		.1			.1	1944
	21-23		4.4				4.4		.1			.1	1929
TOTALS		.1	4.3				4.3		.1			.1	15497

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

40604 (STATION) | KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) | 44-46,48-72 (YEARS) | MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		6.0				6.0		.1			.1	2101
	03-05	.1	7.5				7.5		.1			.1	2102
	06-08	.0	6.8				6.8		.1			.1	2105
	09-11	.2	6.1				6.1						2105
	12-14	.3	6.0				6.0						2100
	15-17	.1	6.5				6.5						2101
	18-20	.2	5.5				5.5		.0			.0	2104
	21-23	.0	6.4				6.4		.1			.1	2107
TOTALS		.1	6.4				6.4		.1			.1	16825

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

40604 (STATION) | KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) | 44-72 (YEARS) | APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.0	8.3				8.3						2082
	03-05		9.3				9.3						2085
	06-08		8.3				8.3						2084
	09-11		6.7				6.7						2084
	12-14		7.6				7.6						2085
	15-17	.0	7.3				7.3						2082
	18-20		7.3				7.3						2081
	21-23		7.0				7.0		.0		.0	.0	2080
TOTALS		.0	7.7				7.7		.0		.0	.0	16663

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.0	11.6				11.6	.0				.0	2198
	03-05	.1	11.3				11.3						2197
	06-08		11.2				11.2						2198
	09-11	.0	9.4				9.4		.0			.0	2198
	12-14		9.5				9.5		.0			.0	2195
	15-17	.0	8.9				8.9						2196
	18-20		9.2				9.2						2197
	21-23		9.3				9.3						2195
TOTALS		.0	10.1				10.1	.0	.0			.0	17574

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-45,47-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	.1	8.9				8.9		.4			.4	2038
	03-05	.1	9.6				9.6		.5		.0	.5	2034
	06-08	.1	9.7				9.7		.3			.3	2040
	09-11		7.2				7.2		.3			.3	2040
	12-14		8.5				8.5		.3			.3	2036
	15-17	.0	8.0				8.0		.3			.3	2040
	18-20	.0	8.2				8.2		.3			.3	2040
	21-23	.0	8.1				8.1		.3			.3	2039
TOTALS		.0	8.5				8.5		.3		.0	.3	16307

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.1	8.9				8.9		.0			.0	2199
	03-05	.3	10.4				10.4						2201
	06-08	.2	9.8				9.8						2201
	09-11	.1	9.4				9.4		.1			.1	2200
	12-14		8.7				8.7		.0			.0	2199
	15-17		8.8				8.8		.0			.0	2199
	18-20	.1	9.8				9.8		.0			.0	2200
	21-23	.0	9.7				9.7		.0			.0	2200
TOTALS		.1	9.4				9.4		.0			.0	17599

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02		9.8				9.8						2201
	03-05	.1	10.5				10.5						2200
	06-08	.0	10.8				10.8						2201
	09-11	.1	8.5				8.5						2201
	12-14	.1	8.4				8.4						2199
	15-17	.0	9.1				9.1						2199
	18-20	.0	8.9				8.9						2200
	21-23	.1	8.6				8.6						2201
TOTALS		.1	9.3				9.3						17602

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.2	10.0				10.0						2130
	03-05	.1	11.3				11.3						2129
	06-08	.2	12.5				12.5						2128
	09-11	.1	11.6				11.6						2130
	12-14	.1	10.9				10.9						2130
	15-17	.1	9.9				9.9						2128
	18-20	.0	10.1				10.1						2127
	21-23	.1	9.2				9.2						2130
TOTALS		.1	10.7				10.7						17032

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-72 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.3	11.8				11.8						2198
	03-05	.3	11.6				11.6						2198
	06-08	.1	11.3				11.3						2198
	09-11	.0	11.4				11.4						2198
	12-14		11.5				11.5		.0			.0	2197
	15-17	.0	13.2				13.2		.0			.0	2197
	18-20	.1	12.5				12.5						2198
	21-23	.0	11.5				11.5						2194
TOTALS		.1	11.9				11.9		.0			.0	17582

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

40604	KWA-JALEIN MARSHALL IS/BUCHOLZ	44-72	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	00-02	.1	12.8				12.8		.2			.2	2130
	03-05	.4	13.7				13.7		.3			.3	2130
	06-08	.2	12.0				12.0		.2			.2	2130
	09-11	.4	13.2				13.2		.1			.1	2130
	12-14	.1	11.5				11.5		.1			.1	2131
	15-17	.1	11.5				11.5		.1			.1	2129
	18-20	.1	10.9				10.9		.1			.1	2130
	21-23	.3	10.8				10.8		.2		.0	.2	2130
TOTALS		.2	12.1				12.1		.2		.0	.2	17040

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	.0	8.3				8.3						2200
	03-05	.1	10.2				10.2						2201
	06-08	.2	9.9				9.9						2201
	09-11	.1	9.3				9.3						2201
	12-14		8.6				8.6						2200
	15-17		8.9				8.9						2200
	18-20		8.4				8.4						2201
	21-23		8.4				8.4						2200
TOTALS		.1	9.0				9.0						17604

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

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

40604	KWAJALEIN MARSHALL IS/BUCHOLZ	46-71	ALL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.9	50.6				67.0						806
FEB		.3	57.6				64.3		.3			.3	734
MAR		.5	61.2				63.9	.1	.6			.8	775
APR		.4	65.0			.1	73.2						780
MAY		1.6	72.8				81.5	.1	.1			.2	806
JUN		2.1	78.2				86.0		.8			.8	750
JUL		3.6	75.6				85.7		.2			.2	805
AUG		3.2	77.6				87.8						806
SEP		3.7	76.2				85.3	.3				.3	780
OCT		3.2	75.7				86.9	.2				.2	806
NOV		3.7	78.1				87.0	.1	.3			.4	780
DEC		1.1	60.2				77.9						806
TOTALS		2.0	70.5			.	78.9	.1	.2			.3	9434

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

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

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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

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

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

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

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

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-71 (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	30.6	22.6	4.9	13.1	7.4	9.3	5.5	4.3	1.7	.5	.1			46.8	837	3.80	15.66	.82
FEB	33.9	22.6	5.6	13.1	6.8	9.8	3.8	2.1	2.1	.1				43.6	762	2.39	6.32	.40
MAR	32.0	18.7	5.0	12.4	6.0	9.3	6.7	4.1	4.8	.9	.1			49.3	806	5.03	24.33	.10
APR	26.2	19.2	6.7	10.2	7.2	10.4	7.7	6.7	5.0	.7	.1			54.6	840	6.23	20.29	.24
MAY	17.4	15.5	4.9	10.5	8.4	12.9	11.1	9.0	0.8	1.4				67.0	837	9.86	24.18	1.35
JUN	14.2	14.8	3.7	11.7	9.4	14.2	11.9	10.6	0.3	1.1	.1			71.0	810	9.56	19.61	2.26
JUL	13.4	11.3	3.9	11.2	10.1	16.6	14.3	10.7	7.5	1.0				75.8	868	9.60	17.33	4.84
AUG	12.6	13.6	4.0	11.4	8.4	15.9	13.6	11.6	7.9	.9				73.8	868	10.04	16.95	4.29
SEP	13.8	13.8	3.8	10.8	7.3	15.4	12.3	13.0	8.3	1.5				72.4	840	10.71	19.76	4.78
OCT	13.7	11.8	4.8	10.3	6.6	14.4	14.3	12.3	10.1	1.6	.1			74.5	868	11.77	20.05	3.03
NOV	11.9	11.9	5.1	12.1	8.6	14.4	13.2	12.6	8.0	2.1				76.2	840	11.11	19.51	4.40
DEC	21.1	17.6	4.0	11.3	9.2	13.1	8.2	8.1	5.6	1.4	.2	.1		61.3	868	8.02	30.38	1.90
ANNUAL	20.1	16.1	4.7	11.5	7.9	13.0	10.2	8.8	6.5	1.1	.1	.0		63.8	10044	99.80		

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-71 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
44			.25	.31		1.10	1.33	.58	.80	.85	3.96	1.38	
45	.47	.75	1.15	1.21	1.15	.63	1.40	2.98	2.94	.86	1.90	3.81	3.81
46	1.79	.39	3.69	3.22	1.55		.84	1.46	4.00	1.17	3.75	1.05	
47	.44	1.07		.41	2.35	2.10	1.50	2.20	4.68	2.18	2.73	3.71	
48	.35	.19		.79	1.74	3.62	1.61	4.83	2.02	1.99	2.65	1.83	
49	.37	.59	1.15	.30	1.75	2.21	1.39	1.91	1.54	2.83	3.71	2.97	3.71
50	.98	.57	1.94	1.45	2.31	1.55	2.72	3.77	4.36	2.82	2.04	17.10	17.10
51	7.41	1.19	4.66	1.81	3.26	1.82	2.13	1.05	2.36	3.09	2.36	1.12	7.41
52	1.72	.49	.44	.82	4.83	1.12	2.51	2.10	4.22	2.69	3.49	2.93	4.83
53	.31	.23	.84	1.53	.61	.78	2.08	2.46	1.80	1.63	2.50	3.38	3.38
54	.31	.15	.82	4.81	2.25	1.05	1.38	1.77	2.82	2.88	1.28	5.63	5.63
55	.67	.36	6.40	1.72	1.94	3.47	1.71	1.33	2.09	1.66	2.13	2.27	6.40
56	1.17	.59	3.42	1.41	2.23	1.60	1.99	1.28	1.57	.86	3.29	1.09	3.42
57	2.23	1.61	.42	.37	3.64	1.56	.80	2.12	2.08	1.10	3.59	.66	3.89
58	2.78	.22	.44	1.58	3.32	2.24	3.16	1.74	1.72	3.04	2.08	2.10	3.32
59	.27	1.58	.70	1.68	1.14	1.58	2.50	4.31	2.56	1.22	4.90	1.36	4.90
60	.26	.42	1.83	2.29	1.45	2.53	2.46	2.02	1.72	1.68	3.24	1.55	3.24
61	1.10	.42	1.59	1.82	1.72	1.13	1.42	1.42	2.67	1.94	2.55	1.80	2.67
62	1.47	1.44	1.42	1.44	2.08	1.56	1.81	1.34	1.68	1.81	2.39	1.23	2.39
63	4.05	2.64	1.33	2.18	1.38	2.58	2.41	3.35	1.25	2.79	1.53	5.10	5.10
64	.22	1.95	1.27	2.92	3.97	2.73	3.40	2.90	2.18	3.89	2.26	4.48	4.48
65	1.47	.45	.09	.14	.68	1.58	2.07	1.34	1.10	2.11	1.77	1.41	2.11
66	.79	.15	1.46	2.34	2.09	2.20	1.25	2.99	3.65	1.30	2.52	3.52	3.65
67	1.14	1.42	1.93	1.86	2.63	2.35	1.99	.80	3.11	1.76	1.40	1.63	3.11
68	3.17	.26	1.93	2.52	4.35	3.36	1.92	4.74	1.12	6.10	2.58	3.53	6.10
69	2.79	.21	.74	1.56	2.30	3.13	3.73	1.58	1.98	.78	2.50	.49	3.73
70	.30	.21	.25	2.28	1.51	1.46	1.24	2.01	2.87	4.45	2.89	.86	4.45
71	1.03	1.22	1.29	5.01	4.28	4.69	4.22	2.16	1.64	2.07	1.35	.78	5.01
MEAN	1.49	.81	1.59	1.74	2.31	2.10	2.04	2.22	2.38	2.28	2.63	2.81	4.74
S D	1.567	.649	1.469	1.200	1.134	1.118	.842	1.122	1.040	1.205	.887	3.130	2.932
TOTAL OBS	837	762	806	840	837	810	868	868	840	868	840	868	10044

USAF ETAC FORM 0-88-5 (OII)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-71 (YEARS)

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

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
44		.01			2.10								PRECIP
		12			30								DAYS
48			0										PRECIP
													DAYS
MEAN													
S D													
TOTAL OBS													

USAF ETAC FORM AM-A4 0885 (OL1)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 46-71 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.03	.04-.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	100.0														806	.0	.0	.0
FEB	100.0														734	.0	.0	.0
MAR	100.0														744	.0	.0	.0
APR	100.0														780	.0	.0	.0
MAY	100.0														806	.0	.0	.0
JUN	100.0														780	.0	.0	.0
JUL	100.0														806	.0	.0	.0
AUG	100.0														806	.0	.0	.0
SEP	100.0														780	.0	.0	.0
OCT	100.0														806	.0	.0	.0
NOV	100.0														780	.0	.0	.0
DEC	100.0														806	.0	.0	.0
ANNUAL	100.0														9404	.0		

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 46-71 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	
47	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	
48	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S D	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS	806	734	744	780	806	780	806	806	780	806	780	806	9404

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

40604 KWAJALEIN MARSHALL IS/BUCHOLZ 46-71
STATION STATION NAME YEARS

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

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

USAF ETAC FORM NO. 0-88 5 (OL1)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

40604 (STATION) KWAJALEIN MARSHALL IS/DUCHOLZ (STATION NAME) 44-71 (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	100.0														837			
FEB	100.0														762			
MAR	100.0														837			
APR	100.0														840			
MAY	100.0														837			
JUN	100.0														810			
JUL	100.0														868			
AUG	100.0														868			
SEP	100.0														840			
OCT	100.0														868			
NOV	100.0														840			
DEC	100.0														868			
ANNUAL	100.0														10075			

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

40004 KWAJALEIN MARSHALL IS/RUCHOLZ 44-71
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
44			0	0		0	0	0	0	0	0	0	
45	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0		0	0	0	0	0	0	
47	0	0		0	0	0	0	0	0	0	0	0	
48	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S D	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS	837	762	837	840	837	810	868	868	840	868	840	868	10075

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

40604 KWAJALEIN MARSHALL IS/RUCHOLZ 44-71
STATION STATION NAME YEARS

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

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
44		0			0								SNO DPTH
		12			30								DAYS
MEAN													
S D													
TOTAL OBS													

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

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

PART C SURFACE WINDS

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

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through JUNE 1968, and in tens of degrees starting in ~~January 1964~~ JULY 1968. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

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

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

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

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

      (1) Annual - all hours combined

      (2) By month - all hours combined

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

40604 STATION — KWAJALEIN MARSHALL IS/RUCHOLZ STATION NAME — 46-52-71 YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	ENE 28												
52						E 40	ESE 33	ESE 30	ESE 29	ESE 24	NE 25	E 34	
53	E 26	NNE 29	E 26	ENE 25	ENE 23	ENE 25	NE 26	ENE 28	E 30	E 26	ESE 30	ESE 20	E 30
54	ENE 27	ENE 26	NE 25	E 29	ENE 30	ESE 26	SSE 36	SE 25	ESE 30	E 30		NE 41	
55	NE 42	ENE 36	SW 38	NE 33	NE 46	ENE 38	ENE 31	ENE 33	ENE 38	ENE 39	ENE 29	NNE 28	NE 46
56	ENE 30	E 48	ESE 30	ENE 36	ENE 39	ENE 47	SE 36	ENE 39	ESE 36	S 40	SSE 37	ENE 42	E 48
57	ESE 30	NE 41	E 40	E 36	ESE 32	ENE 32	ENE 36	E 36	ESE 48		SSW 30	ENE 36	
58	E 30	ENE 33	ENE 40	ENE 39	E 30	ENE 42	ENE 37	E 36	W 37	ESE 38	E 44	S 51	S 51
59	E 34	E 30	ENE 42	E 30	ENE 38	E 37	NE 33	E 35	E 41	NE 36	E 42	E 39	ENE 42
60	E 44	E 41	E 38	ENE 40	E 40	ESE 30	ENE 33	E 32	S 41	ENE 30	ENE 38	E 35	ESE 30
61	E 40	ENE 40	E 42	E 39	ESE 40	E 35	NE 33	E 37	S 33	SSE 99	ENE 34	ESE 39	E 42
62	ENE 34	E 34	E 44	E 32	ESE 38	E 34	E 43	E 36	E 33	SE 33	SE 43	E 42	E 44
63	ENE 32	S 37	ESE 33	ESE 33	E 33	E 34	E 37	E 34	NE 34	E 37	ENE 40	NNE 42	NNE 42
64	ENE 36	E 30	NE 30	E 42	SE 30	SE 35	E 34	ENE 34	ENE 30	SSE 44	E 35	E 36	SSE 44
65	N 35	ENE 37	ENE 31	NE 30	E 37	E 33	E 39	NNE 32	E 32	ESE 35	NE 47	E 36	NE 47
66	ENE 36	ENE 31	NE 33	SE 35	E 30	E 33	SE 37	SSE 28	SSE 35	SE 39	ENE 42	NE 40	ENE 42
67	ESE 43	E 30	ESE 30	ENE 34	E 49	E 35	SE 36	S 29					
68								E 37	S 34	S 45	NE 37	E 37	
69	SW 58	ENE 36	ENE 40	E 35	ESE 32	E 30	ENE 32	ESE 34	E 33	SSE 30	E 32	SE 34	SW 58
70	ENE 30	NE 32	ENE 33	E 36	E 33	E 37	NE 31	E 45	ESE 37	NE 30	SE 33	E 34	E 45
71	E 30	E 34	E 30	SE 34	E 37	E 33	E 33	E 32	SW 34	E 36	E 30	E 33	E 37
MEAN	36.8	36.2	35.6	34.0	36.1	36.0	34.5	33.4	35.0	35.6	37.1	37.2	44.5
S D	8.094	4.985	5.648	4.101	5.995	6.028	3.611	4.923	4.679	5.679	6.747	5.350	6.368
TOTAL OBS	588	506	555	538	555	567	506	617	568	554	535	585	6754

USAF ETAC FORM 0-88-5 (OL)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 46, 52-71 (YEARS)

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

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46		0	0	0	0		0	0	0	0	0	0	WINDS
													DAYS
52					E 32								WINDS
				0	24								DAYS
54											E 31		WINDS
											4		DAYS
57										SW 32			WINDS
										27			DAYS
67									E 36				WINDS
									12	0	0	0	DAYS
68							ENE 32						WINDS
	0	0	0	0	0	0	13						DAYS
MEAN													
S D													
TOTAL OBS													

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (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	.2	.4	.3	.1	.0	.0	.0	.0				1.1	7.0
NNE	.2	.7	1.1	1.0	.2	.1	.0	.0				3.3	10.0
NE	.4	1.5	4.5	7.6	3.5	1.2	.1	.0				18.8	13.3
ENE	.4	2.0	7.6	17.3	8.6	2.0	.1	.0				37.9	13.9
E	.4	1.9	5.5	8.0	3.3	.7	.0	.0				19.8	12.4
ESE	.3	1.1	2.4	2.2	.5	.1	.0	.0				6.6	10.5
SE	.3	.8	1.1	.7	.2	.0	.0	.0				3.1	7.1
SSE	.2	.5	.7	.5	.1	.0	.0	.0				2.0	9.0
S	.2	.5	.6	.3	.1	.0	.0	.0				1.6	8.4
SSW	.1	.3	.3	.2	.0	.0	.0	.0				.9	8.5
SW	.1	.2	.3	.1	.0	.0	.0	.0				.8	8.1
WSW	.1	.2	.1	.1	.0	.0						.5	7.5
W	.1	.2	.2	.1	.0	.0		.0				.6	6.9
WNW	.1	.1	.1	.0	.0	.0						.4	6.2
NW	.1	.2	.1	.0	.0							.4	6.3
NNW	.1	.2	.1	.1	.0							.5	6.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	1.8	
	3.1	10.6	25.0	30.3	16.6	4.2	.3	.0				100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 204167

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 45-72 (YEARS) JAN (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	.0	.1	.1	.0	.0	.0						.3	9.5
NNE	.1	.3	1.1	1.9	.8	.2	.0					4.4	12.7
NE	.1	.7	4.5	13.1	9.0	2.7	.4	.0				30.5	15.4
ENE	.1	.6	4.2	23.9	18.7	4.5	.5	.0				52.6	16.1
E	.0	.3	1.5	4.6	2.9	.9	.0	.0				10.2	15.1
ESE	.0	.1	.4	.5	.1	.0						1.1	11.5
SE	.0	.0	.1	.0	.0	.0						.2	10.4
SSE	.0	.0	.0	.0	.0							.1	9.9
S	.0	.0	.0	.0		.0						.1	6.9
SSW	.0	.0		.0				.0				.5	12.5
SW	.0	.0	.0									.0	5.2
WSW		.0										.0	4.0
W	.0	.0	.0	.0								.0	6.9
WNW		.0			.0	.0						.0	16.7
NW	.0	.0										.0	4.5
NNW		.0	.0	.0								.1	6.9
VARBL													
CALM												.3	
	.5	2.3	12.0	44.0	31.5	8.3	.9	.1				100.0	15.9

TOTAL NUMBER OF OBSERVATIONS 16858

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHILZ (STATION NAME) 44-72 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	.1	.1	.0							.4	10.0
NNE	.0	.1	.9	2.0	.5	.1	.0					3.7	13.2
NE	.1	.5	4.5	13.6	7.5	3.4	.2					29.9	15.4
ENE	.0	.3	4.4	20.4	17.9	5.4	.3	.0				54.6	16.1
E	.0	.1	1.2	4.0	3.3	1.4	.0	.0				10.0	16.1
ESE	.0	.0	.2	.3	.1	.0						.7	13.4
SE	.0	.0	.1	.1	.1	.0						.3	12.9
SSE			.0	.0								.0	10.0
S		.0	.0	.0	.0	.0	.0					.1	12.7
SSW		.0	.0	.0								.0	7.8
SW	.0	.0	.0									.0	5.0
WSW			.0	.0								.0	12.0
W		.0										.0	6.0
WNW	.0	.0										.0	2.8
NW	.0	.0	.0									.1	6.3
NNW	.0	.0	.0									.0	5.7
VARBL													
CALM												.2	
	.2	1.2	11.4	46.7	29.4	10.4	.6	.0				100.0	15.7

TOTAL NUMBER OF OBSERVATIONS 15498

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) | KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) | 44-46,48-72 (YEARS) | MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.1	.1	.2	.1	.0		.0				.5	12.8
NNE	.0	.2	.4	1.0	.3	.2	.0					2.2	13.6
NE	.1	.8	5.8	13.2	5.9	1.7	.3	.0				27.8	14.2
ENE	.1	.5	5.4	24.6	14.7	2.7	.2	.0				48.3	15.3
E	.1	.4	2.2	7.7	4.0	1.4	.1	.0				16.5	15.1
ESE	.1	.3	.6	.9	.4	.1	.0					2.2	12.4
SE	.1	.2	.2	.3	.1	.1	.0					1.1	12.7
SSE	.0	.1	.1	.2	.0	.0	.0					.4	12.3
S	.0	.1	.1	.1	.0	.0	.0					.3	12.1
SSW	.0	.0	.0	.0	.0							.1	8.2
SW		.0	.0	.0	.0							.1	9.7
WSW	.0	.0	.0		.0							.0	8.1
W	.0	.0	.0	.0	.0							.1	9.1
WNW	.0	.0	.0									.0	5.4
NW	.0	.0	.0									.0	6.0
NNW	.0	.0	.1									.1	6.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	.3	
	.6	2.7	15.1	48.2	26.2	6.3	.7	.0				100.0	14.7

TOTAL NUMBER OF OBSERVATIONS 16825

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.2	.2	.1	.0	.0						.5	8.3
NNE	.0	.2	.7	1.2	.2	.2						2.5	12.9
NE	.1	.5	3.9	10.5	5.0	2.0	.2					22.2	14.8
ENE	.1	1.0	6.9	22.5	13.3	3.0	.1	.0				46.9	14.9
E	.1	.9	3.4	8.6	5.7	1.0	.0					19.7	14.4
ESE	.1	.3	1.1	2.3	1.1	.2						5.1	13.5
SE	.1	.2	.5	.5	.2	.0	.0					1.5	11.3
SSE	.0	.1	.2	.2	.1	.0						.6	10.3
S	.0	.1	.1	.1	.1	.0						.4	10.0
SSW	.0	.0	.1	.0	.0	.0						.2	9.5
SW	.0	.0	.0	.0	.0							.1	7.8
WSW		.0	.0									.0	6.0
W	.0	.0	.0									.0	5.4
WNW	.0	.0	.0									.0	4.3
NW	.0	.0	.0	.0								.1	5.8
NNW	.0	.1	.0									.1	4.3
VARBL													
CALM												.2	
	.7	3.7	17.0	45.9	25.7	6.5	.4	.0				100.0	14.5

TOTAL NUMBER OF OBSERVATIONS 16666

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-72 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.2	.1	.0	.0							.4	5.7
NNE	.1	.3	.4	.3	.1	.0						1.3	9.6
NE	.1	.9	3.9	7.5	3.4	1.2	.1					17.1	13.9
ENE	.1	1.5	9.1	20.9	10.3	2.5	.1					44.5	14.1
E	.1	1.2	5.2	11.4	4.9	.8	.0					23.6	13.5
ESE	.2	.7	2.2	3.2	.8	.2						7.3	12.0
SE	.2	.4	.7	.7	.2	.0	.0					2.2	10.0
SSE	.1	.2	.4	.3	.1	.0						1.1	9.4
S	.1	.2	.2	.1	.0							.6	7.8
SSW	.0	.0	.1	.1	.0							.2	8.3
SW	.0	.1	.1	.0	.0							.2	6.6
WSW	.0	.1	.1	.0								.2	6.6
W	.0	.1	.1	.0		.0						.2	7.4
WNW	.0	.0	.0	.0								.1	6.7
NW	.0	.1	.0									.1	5.7
NNW	.0	.1	.0									.1	5.5
VARBL													
CALM												.7	
	1.3	6.0	22.5	44.7	19.9	4.7	.3					100.0	13.3

TOTAL NUMBER OF OBSERVATIONS 17575

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604	KWAJALEIN MARSHALL IS/BUCHOLZ	44-45,47-72	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.2	.2	.1	.0							.5	7.7
NNE	.1	.4	.8	.6	.1	.0						2.0	9.6
NE	.2	.9	4.3	6.0	1.9	.8	.0					14.1	12.8
ENE	.1	1.4	9.7	22.4	6.9	1.0	.0	.0				41.5	13.2
E	.3	1.4	6.7	13.2	4.4	.7	.0	.0				26.7	13.0
ESE	.1	1.0	2.7	3.5	.7	.1		.0				8.2	11.3
SE	.1	.6	.8	.7	.2	.0	.0					2.5	9.8
SSE	.1	.2	.5	.3	.1	.0	.0	.0				1.2	10.3
S	.1	.3	.4	.1	.0	.0						1.0	7.9
SSW	.0	.1	.1	.1	.0	.0						.4	8.5
SW	.1	.1	.1	.0	.0							.3	7.4
WSW	.0	.0	.0	.0								.1	6.1
W	.0	.0	.0	.0	.0							.1	7.9
WNW	.0	.0	.1	.0								.1	6.5
NW	.0	.1	.1	.0								.2	6.3
NNW	.0	.1	.0	.0								.2	6.1
VARBL													
CALM												.9	
	1.4	6.7	26.6	47.2	14.3	2.8	.1	.0				100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 16306

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.6	.3	.1	.0							1.3	5.6
NNE	.3	1.0	1.2	.4	.0	.0						2.9	7.9
NE	.5	1.9	4.6	3.3	.6	.1						11.0	9.7
ENE	1.0	3.7	11.3	11.7	2.2	.3	.0					30.1	10.7
E	.6	3.0	9.6	11.5	2.9	.3	.0	.0				28.6	11.2
ESE	.4	1.9	4.3	3.7	.6	.1		.0				11.0	10.1
SE	.4	1.1	1.7	1.0	.2	.0						4.4	8.7
SSE	.2	.7	.9	.6	.1	.0	.0					2.7	9.0
S	.4	.6	.6	.2	.1	.0						1.8	7.2
SSW	.2	.3	.2	.1	.0	.0						.8	7.3
SW	.1	.2	.2	.1	.0							.6	6.5
WSW	.1	.3	.1	.1	.0							.6	7.5
W	.1	.2	.1	.0								.4	6.1
WNW	.1	.2	.1	.1	.0							.5	6.1
NW	.1	.2	.1	.0								.4	5.4
NNW	.1	.2	.1	.1								.5	6.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	2.2	
	4.9	16.8	35.5	33.0	6.8	.8	.0	.0				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 17596

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.9	.8	.1	.0							2.0	5.9
NNE	.4	1.1	1.3	.3	.0	.0						3.1	6.9
NE	.9	2.4	4.1	2.5	.4	.1						10.5	8.7
ENE	.8	3.9	9.5	7.6	1.3	.3		.0				23.3	10.1
E	.9	4.0	10.4	8.1	1.3	.2	.0					24.9	10.0
ESE	.6	2.4	4.8	3.1	.6	.1	.0					11.5	9.4
SE	.6	1.4	2.3	1.0	.1	.0						5.7	8.1
SSE	.3	1.0	1.4	.7	.1	.0						3.7	8.4
S	.4	1.1	1.1	.5	.1	.0						3.3	7.6
SSW	.3	.5	.7	.3	.1	.0						1.9	7.9
SW	.2	.4	.5	.2	.1							1.5	7.5
WSW	.2	.3	.3	.1	.0	.0						.9	7.3
W	.3	.5	.3	.1								1.2	5.9
WNW	.2	.3	.2	.0	.0							.8	5.9
NW	.3	.4	.2	.0	.0							.9	5.8
NNW	.3	.4	.3	.1	.0							1.1	6.5
VARBL													
CALM												3.7	
	6.8	21.4	38.0	24.9	4.2	.7	.0	.0				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 17596

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604	KWAJALEIN MARSHALL IS/BUCHOLZ	44-72	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.1	1.0	.2	.0							2.8	6.6
NNE	.6	1.8	1.7	.5	.0	.0						4.7	6.9
NE	1.0	3.3	4.2	1.8	.3	.0						10.7	8.0
ENE	.9	3.5	6.5	4.6	.9	.3	.0					16.8	9.6
E	1.1	3.8	7.0	5.7	.9	.1	.0					18.8	9.6
ESE	.6	2.4	3.6	2.4	.4	.0						9.5	8.9
SE	.7	2.0	2.2	1.3	.2	.1						6.5	8.2
SSE	.5	1.8	2.1	1.1	.2	.1						5.9	8.3
S	.5	1.5	1.8	1.0	.2	.0	.0					5.0	8.3
SSW	.4	.9	1.1	.6	.1	.0						3.1	8.4
SW	.4	.8	.8	.4	.1	.1	.0	.0				2.7	8.6
WSW	.3	.5	.5	.3	.0	.0						1.7	7.6
W	.5	.7	.6	.2	.1	.0		.0				2.0	6.8
WNW	.3	.6	.4	.1	.0							1.3	6.2
NW	.3	.6	.5	.2	.0							1.5	6.9
NNW	.3	.5	.3	.2	.0							1.3	6.1
VARBL													
CALM												6.0	
	9.0	25.7	36.3	20.5	3.6	.8	.1	.0				100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 17025

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) | KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) | 44-72 (YEARS) | OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.1	.8	.2	.0	.0						2.6	6.2
NNE	.5	1.7	2.1	.7	.1	.0						5.2	7.7
NE	.8	3.2	5.1	2.6	.6	.2	.0					12.4	9.0
ENE	.8	3.2	7.6	4.5	1.0	.3	.0					17.2	9.6
E	.9	3.5	7.4	5.2	1.1	.2	.0					18.1	9.7
ESE	.7	2.2	3.9	2.5	.3	.1	.0	.0				9.8	9.0
SE	.7	1.9	2.7	1.4	.3	.1	.0					7.1	8.3
SSE	.6	1.4	1.6	1.0	.2	.0		.0				4.8	8.5
S	.5	1.3	1.9	.9	.2	.1	.0	.0				4.8	8.7
SSW	.4	.8	1.1	.7	.2	.1	.0					3.3	8.6
SW	.3	.8	1.1	.6	.1	.0						2.9	8.5
WSW	.3	.6	.5	.4	.1	.0						1.8	7.9
W	.3	.6	.7	.4	.1	.0						2.1	7.7
WNW	.2	.4	.3	.1	.0							1.1	6.3
NW	.1	.4	.3	.1	.0							1.0	6.5
NNW	.2	.5	.4	.1	.0							1.3	6.6
VARBL													
CALM												4.4	
	7.8	23.7	37.4	21.2	4.3	1.0	.1	.0				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 17581

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARS/ALL IS/RICHOLZ (STATION NAME) 44-72 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.3	.3	.1	.0		.0					.9	7.4
NNE	.2	.8	1.3	1.0	.2	.0		.0				3.6	9.6
NE	.3	1.9	5.2	7.2	2.1	.4	.0					17.3	11.8
ENE	.3	2.8	10.5	16.1	3.8	.8	.1	.0				34.6	12.0
E	.5	2.4	7.3	8.2	2.7	.8	.1	.0				22.0	11.8
ESE	.2	1.3	3.3	3.0	.7	.2	.0					8.7	10.8
SE	.2	.8	1.6	1.2	.3	.1	.0					4.3	10.0
SSE	.1	.5	1.0	.8	.2	.0						2.6	10.1
S	.2	.5	.5	.3	.2	.0						1.6	9.2
SSW	.1	.2	.3	.2	.1	.0						.9	9.9
SW	.1	.2	.2	.1	.0	.0						.6	8.2
WSW	.0	.1	.0	.0								.2	6.4
W	.0	.1	.1	.0	.0							.2	7.8
WNW	.0	.1	.1	.0								.2	6.0
NW	.1	.1	.1	.0	.0							.3	7.3
NNW	.1	.1	.1	.0	.0							.4	6.9
VARBL													
CALM												1.6	
	2.7	12.1	32.0	38.4	10.4	2.5	.2	.0				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 17037

USAFETAC FORM 0-8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.2	.3	.2	.1	.0						.7	9.4
NNE	.1	.4	1.2	1.6	.6	.2	.0					4.0	12.3
NE	.1	.6	3.8	11.2	5.7	1.8	.3	.0				23.6	14.8
ENE	.1	.7	5.9	24.4	13.3	3.4	.1	.0				47.9	15.2
E	.1	.6	2.8	7.5	4.8	1.2	.1					17.1	14.8
ESE	.0	.3	1.1	1.5	.5	.2	.0					3.6	12.9
SE	.0	.1	.3	.4	.1	.1	.0	.0				1.0	13.1
SSE	.0	.1	.2	.2	.0	.0	.0	.0				.5	11.0
S	.0	.0	.1	.1	.0	.0	.0					.2	14.0
SSW	.0	.0	.0	.1	.0	.0						.1	12.1
SW	.0	.0	.0									.0	4.8
WSW		.0	.0	.0								.0	8.0
W	.0	.1	.0	.0								.1	5.1
WNW	.0	.0	.0	.0		.0						.1	8.2
NW	.0	.0	.1	.0	.0							.2	8.2
NNW	.0	.0	.1	.1	.0							.2	9.6
VARBL													
CALM												.4	
	.6	3.1	15.9	47.2	25.2	6.9	.6	.0				100.0	14.6

TOTAL NUMBER OF OBSERVATIONS 17604

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 45-72 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.0	.1		.0							.2	10.3
NNE	.1	.1	1.2	1.3	.6	.1						3.5	12.9
NE	.1	.4	4.7	11.9	8.3	2.3	.2	.0				28.1	14.2
ENE	.2	.9	6.0	24.5	19.5	4.0	.6	.0				55.6	15.8
E		.1	1.1	5.0	3.0	1.1	.0					10.3	15.8
ESE		.1	.4	.5	.2							1.3	11.7
SE			.1	.0								.1	10.3
SSE					.0							.0	21.0
S	.0	.0										.1	4.5
SSW				.0								.0	12.0
SW													
WSW		.0										.0	4.0
W	.0											.0	2.0
WNW					.0							.0	18.0
NW													
NNW													
VARBL													
CALM												.5	
	.5	1.9	13.7	43.3	31.8	7.5	.8	.1				100.0	15.3

TOTAL NUMBER OF OBSERVATIONS 2107

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHLZ (STATION NAME) 45-72 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.0		.0	.1							.2	10.2
NNE	.1	.3	1.3	1.5	.7	.1						4.2	12.0
NE	.1	1.1	5.9	12.2	7.4	3.4	.5	.0				30.7	15.1
ENE	.1	.7	4.8	24.6	17.8	4.1	.3					52.4	15.8
E	.1	.1	2.0	4.5	2.6	1.1	.0					10.5	14.7
ESE		.0	.3	.3		.1						.8	12.5
SE		.0	.0	.0								.1	8.3
SSE			.0	.0								.1	11.5
S			.1									.1	8.5
SSW				.0								.0	15.0
SW													
WSW		.0										.0	4.0
W		.0										.0	4.0
WNW						.0						.0	27.0
NW													
NNW		.0										.0	4.0
VARBL													
CALM												.5	
	.6	2.5	14.6	43.3	28.8	8.9	.9	.0				100.0	15.2

TOTAL NUMBER OF OBSERVATIONS 2108

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 45-72 (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	.1	.0								.2	9.2
NNE	.1	.4	1.0	1.9	.9	.0						4.4	12.8
NE	.1	.6	4.7	13.0	8.9	2.5	.5	.1				30.4	15.4
ENE	.0	.7	4.3	24.3	18.2	5.4	.6	.0				53.5	16.3
E		.7	1.5	3.6	3.0	1.1						9.9	15.2
ESE	.0	.0	.3	.3	.1							.9	11.5
SE		.0		.0								.1	8.5
SSE		.0	.0		.0							.1	11.0
S				.0								.0	11.0
SSW								.0				.0	40.0
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.4	
	.3	2.7	12.0	43.3	31.0	9.0	1.1	.2				100.0	15.6

TOTAL NUMBER OF OBSERVATIONS 2108

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 45-72 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.0	.0	.0	.0							.2	11.3
NNE	.0	.2	1.2	2.0	.5	.1						4.1	12.4
NE		.4	3.7	12.4	9.8	2.5	.5	.0				29.4	16.0
ENE	.0	.4	3.6	23.7	19.9	5.6	.4	.1				53.8	16.5
E	.0	.3	1.3	4.4	2.8	1.0	.0					10.0	15.2
ESE	.1	.3	.5	.7	.1	.0						1.8	11.1
SE	.0		.1	.1	.0							.4	10.6
SSE		.1	.0		.0							.2	8.0
S						.0						.0	24.0
SSW													
SW													
WSW													
W													
WNW													
NW	.0											.0	3.0
NNW		.0	.0									.1	6.0
VARBL													
CALM												.0	
	.3	1.9	10.5	43.5	33.3	9.3	1.0	.2				100.0	15.9

TOTAL NUMBER OF OBSERVATIONS 2108

USAFETAC FORM 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604	KWAJALEIN MARSHALL IS/BUCHHLZ	45-72	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	.1									.2	7.5
NNE	.0	.2	1.4	1.6	.5	.3						4.1	12.6
NE	.0	.8	4.0	14.1	9.9	3.1	.4					32.5	15.7
ENE	.1	.5	3.3	22.2	19.8	4.5	.5					50.9	16.4
E	.1	.3	1.5	4.9	2.8	.4						10.1	14.5
ESE	.1	.1	.3	.7	.0							1.3	10.6
SE		.1	.1									.2	7.3
SSE	.1	.0	.0	.0	.0							.3	8.0
S		.1										.1	4.7
SSW	.0	.1										.2	4.8
SW													
WSW													
W													
WNW													
NW		.0										.0	6.0
NNW		.0	.0									.1	6.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X		
	.6	2.6	10.8	43.6	33.2	8.3	.9					100.0	15.7

TOTAL NUMBER OF OBSERVATIONS 2107

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604	KWAJALEIN MARSHALL IS/BUCHOLZ	45-72	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.0	.1	.1								.3	8.8
NNE	.2	.5	1.1	2.8	.8	.1	.0					5.4	12.6
NE	.1	.5	3.9	14.6	9.0	2.7	.3	.0				31.1	15.5
ENE	.1	.5	3.9	24.2	18.0	3.7	.4					50.9	16.0
E		.3	1.7	4.7	2.2	.7	.0	.0				9.7	14.8
ESE	.0	.1	.6	.5		.0						1.3	10.6
SE			.1	.1	.0							.2	13.4
SSE		.1		.0								.1	8.3
S	.0	.1										.1	3.7
SSW													
SW	.0		.1									.1	6.3
WSW													
W			.1	.0								.2	9.5
WNW													
NW													
NNW			.1	.0								.2	8.8
VARBL													
CALM												.1	
	.6	2.1	11.9	47.1	30.1	7.3	.8	.1				100.0	15.4

TOTAL NUMBER OF OBSERVATIONS 2107

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHOLZ (STATION NAME) 45-72 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.1	.0	.1	.0							.4	9.0
NNE	.3	.4	.8	2.4	.9	.2						4.9	12.4
NE	.1	.7	4.8	13.7	9.3	2.9	.5	.0				32.1	15.5
ENE	.1	.7	3.6	23.3	18.7	4.4	.3					51.0	16.2
E	.0	.1	1.3	4.9	2.8	.5	.0	.0				9.7	15.0
ESE			.3	.3	.1	.0						.9	12.8
SE		.1	.1		.0							.3	10.2
SSE													
S		.0										.0	4.0
SSW													
SW		.0										.0	4.0
WSW													
W		.0	.0									.1	5.5
WNW		.0										.0	5.0
NW													
NNW		.0										.0	5.0
VARBL													
CALM												.4	
	.6	2.4	11.1	44.8	31.9	8.0	.8	.1				100.0	15.5

TOTAL NUMBER OF OBSERVATIONS 2106

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/ROCHOLZ (STATION NAME) 45-72 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2		.2	.0	.1	.0						.6	9.9
NNE	.2	.3	.9	1.4	.9	.3	.0					4.0	13.4
NE	.0	1.2	4.2	12.7	9.3	2.1	.4					29.9	15.2
ENE	.1	.6	4.5	24.3	18.1	4.7	.5					52.8	16.0
E	.0	.2	1.7	4.6	3.7	1.0						11.2	15.3
ESE			.1	.4	.0	.0						.7	13.2
SE			.0			.0						.1	14.5
SSE				.0								.0	15.0
S	.0	.0		.0								.1	6.7
SSW				.0								.0	14.0
SW	.0											.0	3.0
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.3	
	.7	2.3	11.7	43.5	32.2	8.3	.9					100.0	15.5

TOTAL NUMBER OF OBSERVATIONS 2107

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.2	.3	.1								.5	7.2
NNE		.1	.7	1.9	.2							2.9	12.4
NE		.7	4.7	12.6	6.4	2.9	.2					27.0	15.1
ENE		.3	5.6	27.0	17.3	5.4	.4					56.0	15.8
E	.1	.5	1.4	4.9	3.8	1.5	.1					12.3	15.6
ESE			.2	.2	.2	.1						.6	14.2
SE			.1	.1								.1	10.0
SSE				.1								.1	12.0
S		.1	.1									.1	5.5
SSW													
SW		.1										.1	5.0
WSW													
W													
WNW													
NW													
NNW		.1	.1									.1	6.0
VARBL													
CALM												.4	
	.1	1.9	13.1	46.2	27.8	9.9	.7					100.0	15.4

TOTAL NUMBER OF OBSERVATIONS 1942

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.2	.2	.3								.6	9.0
NNE		.1	.5	1.7	.6	.1						2.9	13.8
NE	.2	.7	5.0	13.0	7.3	3.5	.4					30.1	15.1
ENE	.1	.7	5.7	25.3	17.0	5.2	.1					54.1	15.7
E		.1	1.3	4.2	3.7	1.7	.1					11.0	16.3
ESE		.2	.1	.3	.1							.6	11.4
SE			.1	.1	.2							.3	15.8
SSE													
S													
SSW		.1										.1	4.0
SW		.1	.1									.1	6.0
WSW				.1								.1	14.0
W													
WNW													
NW													
NNW			.1									.1	7.0
VARBL													
CALM												.3	
	.3	2.0	12.9	44.8	28.8	10.5	.5					100.0	15.4

TOTAL NUMBER OF OBSERVATIONS 1932

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604	KWAJALEIN MARSHALL IS/BUCHOLZ	44-72	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.2	.1								.3	10.5
NNE		.2	.8	1.5	.5	.2						3.1	12.5
NE		.8	4.7	13.9	8.0	3.3	.2					30.9	15.2
ENE	.1	.3	4.5	24.5	18.1	6.3	.2					53.9	16.1
E		.1	1.2	3.9	3.9	1.2						10.2	16.2
ESE			.2	.3	.1							.6	13.2
SE		.1	.1	.2	.1	.1						.4	14.0
SSE													
S			.1									.1	10.0
SSW				.1								.1	11.0
SW													
WSW													
W		.1										.1	6.0
WNW		.1										.1	4.0
NW		.1	.2									.3	7.8
NNW													
VARBL													
CALM												.2	
	.1	1.5	11.9	44.4	30.6	11.0	.4					100.0	15.6

TOTAL NUMBER OF OBSERVATIONS 1944

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-72 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.2	.3								.4	11.0
NNE	.1	.2	1.0	2.0	.5	.3						4.0	13.0
NE		.4	4.4	13.9	7.4	4.0	.3					30.4	15.8
ENE	.1	.2	3.3	25.3	18.9	5.8	.5					54.1	16.4
E	.1	.1	.4	4.0	3.6	1.6	.2					9.8	17.1
ESE			.2	.5								.6	12.8
SE		.1		.1	.1	.1						.4	17.0
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.2	
	.2	.8	9.4	46.0	30.6	11.8	1.0					100.0	16.1

TOTAL NUMBER OF OBSERVATIONS 1933

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.1	.2								.2	11.0
NNE		.1	1.0	2.3	1.0	.1						4.5	13.7
NE	.1	.4	4.2	14.0	7.7	3.9	.2					30.3	15.7
ENE		.2	3.0	27.1	10.5	5.1	.2					54.2	16.4
E	.1		.9	3.9	2.8	1.4	.1					9.1	16.2
ESE			.2	.5	.2	.1						.9	14.6
SE			.2	.1	.1	.1						.4	13.3
SSE													
S		.1	.1	.1	.1							.2	10.5
SSW													
SW													
WSW													
W													
WNW	.1											.1	3.0
NW													
NNW	.1		.1									.1	5.5
VARBL													
CALM													
	.2	.7	9.7	48.0	30.3	10.7	.4					100.0	16.0

TOTAL NUMBER OF OBSERVATIONS 1942

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHOLZ (STATION NAME) 44-72 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	.1	.3	.1							.6	12.9
NNE		.2	.7	3.0	.7	.3	.1					4.9	14.0
NE	.1	.2	4.0	14.6	6.0	3.9						30.8	15.6
ENE		.1	3.0	27.3	17.9	4.2	.3					52.8	16.1
E		.1	1.3	4.4	2.4	1.1						9.3	15.6
ESE	.1	.1	.1	.3	.1	.1						.6	12.2
SE		.1	.1	.2	.1							.5	11.1
SSE			.1	.1								.1	10.0
S				.1								.1	11.0
SSW			.1									.1	8.0
SW	.1	.1										.2	4.3
WSW			.1									.1	10.0
W													
WNW													
NW		.1										.1	4.0
NNW													
VARBL													
CALM												.1	
	.2	.8	9.5	50.3	29.1	9.6	.4					100.0	15.7

TOTAL NUMBER OF OBSERVATIONS 1931

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHILZ (STATION NAME) 44-72 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	.1	.1								.2	7.8
NNE		.2	1.0	2.2	.4	.1						3.9	12.6
NE	.1	.3	4.7	15.3	8.1	2.6	.2					31.2	15.1
ENE	.1	.2	4.5	27.0	17.6	5.4	.4					55.1	16.1
E		.2	1.4	3.3	2.7	.9						8.4	13.4
ESE			.2	.1	.2							.5	13.3
SE			.1	.1								.2	10.7
SSE			.1									.1	8.0
S						.1	.1					.1	26.5
SSW													
SW		.1										.1	5.0
WSW													
W													
WNW	.1											.1	3.0
NW		.1	.1									.1	6.0
NNW													
VARBL													
CALM												.2	
	.2	1.0	12.0	48.0	29.0	9.1	.6					100.0	15.5

TOTAL NUMBER OF OBSERVATIONS 1944

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5.

SURFACE WINDS

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

40604	KWAJALEIN MARSHALL IS/BUCHHLZ	44-72	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.1									.1	8.0
NNE	.1	.1	1.0	1.5	.5	.1						3.2	12.9
NE	.1	.6	4.5	12.4	7.2	3.4	.3					28.5	15.3
ENE	.1	.1	5.2	27.8	17.9	5.5	.4	.1				56.9	16.1
E			1.3	3.8	3.4	1.5		.1				10.0	16.3
ESE			.2	.3	.2	.1						.7	14.6
SE	.1	.1	.1	.1								.3	8.0
SSE													
S													
SSW													
SW													
WSW													
W													
WNW	.1											.1	1.0
NW	.1											.1	3.0
NNW		.1										.1	5.0
VARBL													
CALM												.2	
	.4	.9	12.4	45.8	29.0	10.6	.7	.1				100.0	15.7

TOTAL NUMBER OF OBSERVATIONS 1930

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604	KWAJALEIN MARSHALL IS/BUCHOLZ	44-46,48-72	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.2	.1	.1	.0			.1				.6	13.0
NNE	.1	.2	.4	.9	.1	.1	.0					1.9	12.4
NE	.2	1.0	7.0	10.6	4.8	1.6	.3	.0				25.6	13.6
ENE	.1	1.0	5.9	26.4	13.5	2.9	.1	.0				50.0	15.0
E	.2	.3	2.2	8.7	5.0	1.2	.1					17.6	15.1
ESE	.1	.1	.5	1.0	.2	.2	.0					2.2	12.8
SE		.1	.1	.4	.0	.2	.0					1.0	14.8
SSE			.0	.0	.0							.1	13.0
S			.0	.0								.1	10.0
SSW		.0	.2									.2	8.0
SW			.1									.1	8.5
WSW													
W		.1										.1	4.5
WNW		.0	.0									.1	6.5
NW			.0									.0	7.0
NNW	.0	.0										.1	3.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	.1	
	.8	3.2	16.8	48.1	23.7	6.2	.6	.2				100.0	14.5

TOTAL NUMBER OF OBSERVATIONS 2101

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) | KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) | 44-46,48-72 (YEARS) | MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.0	.1	.1	.0	.0						.4	12.7
NNE	.0	.1	.4	1.0	.2	.2	.0					2.0	13.9
NE	.1	1.2	7.5	11.4	5.7	1.9	.1					27.9	13.8
ENE	.1	.8	7.2	23.2	13.7	2.5	.2					47.7	14.8
E	.1	.5	1.9	8.6	4.6	1.6	.1					17.3	15.2
ESE		.1	.5	.7	.8	.1						2.2	14.3
SE	.1	.1	.3	.2	.1	.1	.1					1.1	14.0
SSE	.0		.0	.1	.0							.2	11.6
S		.2	.0				.0					.3	9.7
SSW				.0								.0	16.0
SW													
WSW													
W													
WNW		.0										.0	6.0
NW													
NNW		.1	.1									.1	7.0
VARBL													
CALM												.6	
	.5	3.1	13.1	45.4	25.3	6.5	.6					100.0	14.4

TOTAL NUMBER OF OBSERVATIONS 2102

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHLZ (STATION NAME) 44-46,48-72 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	.1	.1	.0	.0						.5	12.2
NNE	.0	.3	.5	1.0	.2	.2						2.3	13.1
NE	.0	1.1	5.9	12.8	6.8	1.6	.5					28.8	14.3
ENE	.3	.6	6.1	21.6	14.2	2.7	.3					45.7	15.2
E	.0	.5	2.1	8.4	5.0	1.4	.0					17.5	15.3
ESE	.0	.3	.6	1.0	.6	.1						2.7	13.1
SE		.2	.1	.4	.1	.2						1.0	13.9
SSE				.3		.0						.3	16.0
S	.0		.0	.0	.1		.0					.3	16.2
SSW													
SW		.1										.1	5.5
WSW													
W													
WNW													
NW	.0	.0										.1	4.0
NNW	.0		.0									.1	5.5
VARBL													
CALM												.6	
	.6	3.4	15.5	45.7	27.1	6.3	.9					100.0	14.7

TOTAL NUMBER OF OBSERVATIONS 2105

USAFETAC FORM 0 8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-46,48-72 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.1	.2	.1							.5	13.7
NNE			.4	1.1	.2	.4						2.1	14.8
NE	.0	.7	5.0	13.3	6.7	2.2	.4					28.4	14.9
ENE	.0	.3	4.4	23.8	15.8	3.1	.3	.0				47.8	15.8
E	.1	.4	2.5	7.2	4.4	1.5	.1					16.1	15.0
ESE	.0	.1	.7	1.1	.1	.2						2.3	12.8
SE	.2	.1	.3	.4	.1	.1						1.3	10.8
SSE	.0	.0	.1	.3	.0							.6	11.8
S		.0	.1	.1		.0						.3	11.7
SSW	.0	.1										.1	3.3
SW				.0								.0	12.0
WSW		.0										.0	4.0
W	.0	.0										.1	4.5
WNW	.0	.0										.1	4.0
NW													
NNW		.0	.1									.1	7.7
VARBL													
CALM												.1	
	.7	2.0	13.7	47.6	27.5	7.6	.8	.0				100.0	15.1

TOTAL NUMBER OF OBSERVATIONS 2105

USAFETAC FORM 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604	KWAJALEIN MARSHALL IS/RUCHOLZ	44-46,48-72	MAR
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.0	.1	.2	.1	.1						.7	13.7
NNE		.0	.5	1.4	.3	.3						2.6	14.2
NE		.6	4.5	14.7	6.9	1.9	.2					28.8	14.7
ENE		.1	3.5	22.8	15.9	2.5	.3					45.2	15.9
E	.0	.5	2.4	8.2	5.3	1.0	.1					17.5	14.9
ESE	.1	.3	.7	1.0	.3							2.4	11.6
SE		.1	.2	.6	.1	.0						1.1	13.0
SSE		.0	.1	.2	.0							.4	11.8
S		.2	.1	.1	.2	.0						.7	11.6
SSW		.0		.0	.0							.1	12.3
SW				.0								.0	15.0
WSW			.1		.0							.1	11.3
W			.0									.0	8.0
WNW													
NW		.0										.0	5.0
NNW													
VARBL													
CALM												.1	
	.2	2.1	12.2	49.4	29.3	5.9	.6					100.0	15.1

TOTAL NUMBER OF OBSERVATIONS 2101

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-46,48-72 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.0	.1	.2	.0							.4	11.4
NNE		.4	.4	1.1	.4	.2						2.5	13.0
NE		.3	5.3	16.4	6.4	1.2	.3					30.0	14.4
ENE		.2	4.2	25.1	14.8	2.3	.1					46.7	15.4
E		.2	2.5	7.0	3.8	1.2						15.3	14.7
ESE	.1	.5	.6	.8	.3	.1						2.4	11.6
SE	.1	.3	.3	.4	.2	.0	.0					1.4	11.6
SSE	.0		.1	.2			.1					.5	14.6
S	.0	.1	.0	.1	.0		.0					.4	11.5
SSW		.0	.0									.1	6.5
SW			.0									.0	8.0
WSW													
W		.0	.0	.0								.1	9.3
WNW													
NW													
NNW			.1									.1	10.0
VARBL													
CALM													
	.3	2.2	13.8	52.0	26.0	5.2	.6					100.0	14.7

TOTAL NUMBER OF OBSERVATIONS 2100

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) | KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) | 44-46,48-72 (YEARS) | MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	.1	.3	.0							.5	11.6
NNE	.0	.2	.4	.8	.4	.4						2.3	14.1
NE	.1	.8	6.1	14.2	5.0	1.6	.2					27.9	13.9
ENE	.1	.3	5.7	26.7	14.7	2.3	.4					50.3	15.1
E	.1	.6	2.3	6.2	4.0	1.4	.1	.0				14.8	15.0
ESE		.3	.5	.8	.2	.0						2.0	12.1
SE	.2	.1	.1	.2	.1		.0					.9	9.6
SSE	.0	.3	.1	.1	.0		.1					.7	11.2
S			.0		.0							.1	14.5
SSW													
SW													
WSW	.0		.0									.1	6.5
W			.0	.0	.0							.1	13.7
WNW													
NW			.0									.0	10.0
NNW		.1										.1	5.5
VARBL													
CALM												.1	
	.7	2.9	15.4	49.4	24.8	5.8	.9	.0				100.0	14.6

TOTAL NUMBER OF OBSERVATIONS 2104

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

0604	KWAJALEIN MARSHALL IS/BUCHHLZ	44-46,48-72	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1		.1	.1		.0		.0				.4	13.4
NNE	.1	.1	.4	.9	.3	.1	.0					1.9	12.9
NE	.2	.8	5.4	12.0	5.0	1.8	.2	.0				25.4	13.9
ENE	.1	.5	6.4	27.4	15.2	3.3	.1					53.0	15.2
E		.6	1.9	6.9	4.7	1.5	.1					15.8	15.3
ESE	.0	.2	.4	.4	.3	.1						1.5	12.9
SE	.1	.0	.1	.1	.1	.1	.1					.7	16.1
SSE		.1	.1	.2								.4	9.4
S				.0								.0	15.0
SSW			.0									.0	7.0
SW		.0			.0							.1	12.0
WSW		.0										.0	6.0
W		.1	.0	.0	.0							.3	9.8
WNW													
NW													
NNW			.0									.0	8.0
VARBL													
CALM												.4	
	.7	2.5	14.9	48.1	25.7	7.0	.7	.1				100.0	14.7

TOTAL NUMBER OF OBSERVATIONS 2107

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604	KWAJALEIN HARSHALL IS/BUCHOLZ	44-72	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.2	.1									.3	6.8
NNE		.2	1.0	.8	.2	.2						2.4	11.3
NE		.5	3.9	8.4	4.1	1.8	.2					19.3	14.6
ENE	.1	1.4	8.1	24.0	12.2	3.3	.2					49.3	14.6
E	.0	1.4	3.4	8.5	6.0	.9	.1					20.4	14.3
ESE	.1	.5	1.0	2.4	1.3	.1						5.4	13.6
SE	.0	.3	.5	.4	.2							1.7	10.9
SSE		.1	.1	.2	.0							.4	10.6
S		.0	.0	.0	.0							.2	11.8
SSW			.1	.1	.0							.2	12.8
SW		.0										.0	4.0
WSW													
W	.0	.0										.1	3.5
WNW		.0										.0	4.0
NW	.0											.0	3.0
NNW	.0	.0										.1	3.5
VARBL													
CALM												.0	
	.5	4.8	18.2	45.5	24.1	6.3	.5					100.0	14.2

TOTAL NUMBER OF OBSERVATIONS 2083

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.1	.2		.0							.4	7.9
NNE	.0	.3	1.0	1.1	.2	.1						2.8	11.6
NE	.1	.7	4.4	10.8	4.6	2.0	.3					22.9	14.4
ENE	.3	1.2	7.6	21.6	12.3	3.1	.0					46.1	14.5
E	.1	.8	3.5	9.3	4.9	.9	.0					19.5	14.3
ESE	.1	.3	1.2	2.3	1.0	.1						5.1	13.0
SE	.0	.3	.6	.6	.1							1.7	10.0
SSE		.0	.1	.0	.1							.3	11.7
S		.1	.0	.1								.3	8.5
SSW			.2	.0								.2	10.6
SW			.1	.0	.0							.2	11.0
WSW													
W		.0										.0	5.0
WNW													
NW													
NNW													
VARBL													
CALM												.3	
	.8	4.0	18.9	45.9	23.4	6.3	.4					100.0	14.1

TOTAL NUMBER OF OBSERVATIONS 2005

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	.0	.1								.2	8.0
NNE		.1	.8	1.4	.3	.1						2.8	12.5
NE	.3	.8	5.0	11.0	5.4	2.5	.2					25.4	14.3
ENE	.1	1.0	6.8	20.0	13.8	3.5	.1	.0				45.4	15.1
E	.1	.7	3.5	7.9	5.9	1.2	.0					19.2	14.6
ESE	.1	.2	.9	1.9	.8	.3						4.3	13.6
SE	.1	.3	.5	.3	.1	.1						1.5	9.8
SSE		.1	.0									.3	5.3
S	.0	.1	.1	.1	.0							.4	8.8
SSW		.1	.1									.2	7.4
SW					.0							.0	17.0
WSW													
W													
WNW													
NW	.0	.0										.1	3.5
NNW	.0											.0	2.0
VARBL													
CALM												.2	
	.9	3.8	17.7	42.8	26.5	7.7	.4	.0				100.0	14.5

TOTAL NUMBER OF OBSERVATIONS 2085

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHNLZ (STATION NAME) 44-72 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.1	.1	.1								.4	6.9
NNE		.1	.5	1.2	.2	.2						2.1	13.7
NE	.1	.4	3.6	11.8	5.6	2.0	.2					23.7	14.9
ENE		.7	7.0	21.4	14.2	3.1	.0					46.4	15.1
E	.0	.7	3.5	8.2	6.0	1.2						19.7	14.7
ESE		.3	.8	2.2	1.2	.1						4.7	14.1
SE	.1	.1	.2	.3	.2	.1						1.2	12.1
SSE	.1	.1		.2	.0							.4	10.0
S	.0	.1	.1	.0	.1							.4	9.6
SSW	.0	.0	.0									.1	5.0
SW	.0	.0		.0								.1	6.7
WSW		.0	.0									.1	7.0
W													
WNW													
NW		.0	.0	.0								.1	9.0
NNW	.0											.0	2.0
VARBL													
CALM												.3	
	.7	2.9	16.0	45.6	27.6	6.7	.3					100.0	14.7

TOTAL NUMBER OF OBSERVATIONS 2085

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0		.1	.1	.0							.3	11.0
NNE		.0	.3	1.0	.2	.1						2.3	13.9
NE		.3	3.4	11.6	6.3	2.0	.2					23.7	15.2
ENE	.0	.6	5.4	21.3	13.6	2.7	.0					43.6	15.3
E	.1	.7	3.7	9.5	5.7	1.2						20.9	14.4
ESE	.0	.4	1.2	2.3	1.4	.3						5.6	13.5
SE	.1	.3	.4	.4	.2	.0	.0					1.5	11.2
SSE	.1	.0	.2	.4	.0							.8	10.4
S	.0	.2	.1	.2								.5	8.9
SSW	.0	.0	.0	.0		.0						.2	11.2
SW			.0									.0	7.0
WSW													
W			.0									.0	9.0
WNW			.0									.0	7.0
NW	.0	.3	.1									.2	6.0
NNW	.0	.1										.1	4.0
VARBL													
CALM													
	.7	2.8	15.1	47.3	27.5	6.3	.3					100.0	14.8

TOTAL NUMBER OF OBSERVATIONS 2085

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4	.2	.0								.6	6.8
NNE		.1	.4	1.5	.2	.2						2.5	14.0
NE		.3	3.8	11.6	5.3	1.9	.4					23.3	15.0
ENE	.1	.6	5.9	24.4	13.0	2.3						46.2	15.0
E	.1	1.0	3.1	8.5	5.1	.7	.0					18.6	14.0
ESE	.0	.2	1.1	2.6	1.2	.0						5.1	13.4
SE	.0	.1	.6	.6	.1							1.5	10.5
SSE	.0	.1	.2	.3								.7	9.7
S	.0	.1	.1	.1	.1	.0						.6	11.0
SSW	.0	.1			.0							.2	7.0
SW	.0		.0									.1	6.0
WSW													
W		.0										.0	4.0
WNW													
NW	.1	.0	.1									.2	5.4
NNW		.1	.1									.2	5.8
VARBL													
CALM													
	.6	3.5	15.7	49.0	25.0	5.2	.4					100.0	14.5

TOTAL NUMBER OF OBSERVATIONS 2082

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.3	.3	.2								.9	8.1
NNE		.1	.5	.8	.3	.4						2.1	14.9
NE		.3	4.1	9.6	4.7	2.1	.1					20.9	14.8
ENE	.2	.8	6.5	23.9	13.7	3.0	.1					48.2	15.0
E	.1	1.0	3.4	8.6	5.3	.7						19.1	14.1
ESE	.0	.4	1.0	2.3	1.0	.3						5.0	13.6
SE	.0	.0	.4	.6	.6							1.7	13.7
SSE		.2	.4	.2	.2	.0						1.1	11.0
S	.0	.0	.0	.0	.0							.2	9.6
SSW		.1			.0							.1	9.7
SW	.1											.1	3.0
WSW		.0										.0	4.0
W			.0									.0	8.0
WNW	.1											.1	3.0
NW		.0										.0	5.0
NNW		.1										.1	4.5
VARBL													
CALM												.2	
	.7	3.5	16.8	46.1	25.9	6.6	.3					100.0	14.5

TOTAL NUMBER OF OBSERVATIONS 2081

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604	KWAJALEIN MARSHALL IS/ROCHOLZ	44-72	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.3	.3	.1	.1	.0						.8	10.7
NNE	.0	.3	.9	1.1	.2	.2						2.6	12.2
NE	.0	.6	3.0	8.7	3.7	1.0	.1					18.0	14.8
ENE	.0	1.6	8.3	23.1	13.3	3.3	.1					49.7	14.6
E	.1	.7	3.2	8.5	6.5	1.4	.1					20.5	14.9
ESE		.5	1.2	2.3	1.1	.2						5.3	13.4
SE	.0	.2	.3	.8	.3							1.7	11.9
SSE		.0	.2	.2	.0							.5	10.8
S		.1	.1	.1	.1							.5	11.6
SSW				.2								.0	13.0
SW		.0	.0									.1	5.5
WSW													
W		.0										.0	5.0
WNW													
NW													
NNW		.0										.0	4.0
VARBL													
CALM												.2	
	.3	4.5	17.6	44.8	25.3	7.0	.3					100.0	14.4

TOTAL NUMBER OF OBSERVATIONS 2080

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.2	.0	.0								.3	5.4
NNE		.4	.3	.3	.0							1.0	9.0
NE	.4	1.2	3.8	7.3	3.7	1.0	.0					17.3	13.4
ENE	.1	1.6	10.0	20.6	10.5	2.8	.1					45.6	14.0
E	.3	1.1	5.0	10.2	4.9	.9	.0					22.4	13.5
ESE	.2	.6	2.2	3.0	.6	.1						6.9	11.7
SE	.3	.4	.6	.6	.2							2.1	9.4
SSE	.1	.4	.4	.3	.2	.0						1.4	9.4
S	.0	.2	.3	.2								.9	8.4
SSW	.0		.0		.0							.1	9.3
SW	.0	.1	.2									.4	6.3
WSW			.1									.1	7.0
W	.1	.1	.1									.3	9.3
WNW	.0											.0	3.0
NW	.0	.0	.1									.2	6.4
NNW													
VARBL													
CALM												1.0	
	1.8	6.3	23.2	42.5	20.2	4.8	.2					100.0	13.1

TOTAL NUMBER OF OBSERVATIONS 2198

USAFETAC FORM 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.3		.1								.5	6.1
NNE	.2	.3	.7	.4	.1							1.8	9.3
NE	.1	1.0	4.6	7.1	3.1	1.3	.1					17.4	13.6
ENE	.3	2.4	9.0	20.0	11.2	2.7	.0					45.7	14.0
E	.0	.9	3.7	9.7	4.0	.6						21.0	13.3
ESE	.2	.6	2.5	3.1	.8	.0						7.3	11.5
SE	.1	.3	.6	1.0	.1	.0						2.4	10.1
SSE	.1	.2	.3	.5	.0							1.2	9.6
S	.1	.2	.3	.1								.8	6.9
SSW		.0	.1	.0								.2	9.5
SW	.0	.1	.2									.3	6.3
WSW		.1	.2									.3	7.0
W	.0	.0	.0									.1	5.3
WNW		.0										.0	5.0
NW	.0		.0									.1	6.0
NNW		.1	.0									.1	5.3
VARBL													
CALM												.7	
	1.4	7.0	24.4	42.2	19.4	4.7	.2					100.0	13.1

TOTAL NUMBER OF OBSERVATIONS 2197

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.2	.0	.0								.5	4.8
NNE	.1	.2	.3	.5		.0						1.1	10.4
NE		1.4	4.3	7.2	3.9	1.1	.3					18.1	13.9
ENE	.1	1.6	9.6	19.7	10.8	2.5	.3					44.7	14.3
E		1.0	5.5	11.1	5.1	.9	.0					23.6	13.7
ESE	.1	1.0	1.8	2.9	.5							6.2	11.1
SE	.1	.4	.8	.8	.2							2.3	10.0
SSE	.1	.2	.2	.2	.0							.7	8.5
S	.1	.2	.5	.0								1.0	6.9
SSW	.0	.0	.0									.1	5.7
SW	.0	.0	.2									.3	7.2
WSW		.1	.0	.0								.2	6.0
W		.0	.1									.2	7.3
WNW	.0			.0								.1	7.0
NW		.0										.0	5.0
NNW		.0										.0	4.0
VARBL													
CALM												.7	
	1.1	6.6	23.4	42.5	20.5	4.6	.6					100.0	13.4

TOTAL NUMBER OF OBSERVATIONS 2190

USAFETAC FORM 0-8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/RUGHMLZ (STATION NAME) 44-72 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.3	.0									.4	4.8
NNE	.1	.3	.4	.2								1.0	7.7
NE	.0	.5	3.5	7.3	3.1	1.4						15.7	14.2
ENE		1.3	7.7	20.9	10.9	2.9						43.7	14.6
E	.1	.9	5.5	12.6	5.8	1.0						25.9	13.8
ESE	.3	.7	2.5	3.1	1.2	.2						8.0	12.1
SE	.2	.5	.5	.7	.4	.0						2.5	10.7
SSE	.0	.2	.5	.4								1.1	9.5
S	.0	.1	.0	.1								.4	7.6
SSW	.0	.2	.0									.3	5.0
SW		.1										.1	6.0
WSW													
W			.2									.2	8.5
WNW													
NW		.1	.1									.2	6.6
NNW		.1	.0									.2	6.3
VARBL													
CALM												.4	
	1.0	5.2	21.0	45.5	21.5	5.5						100.0	13.7

TOTAL NUMBER OF OBSERVATIONS 2198

USAFETAC FORM 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-72 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.1	.1		.0							.4	6.9
NNE	.0	.2	.3	.4	.0	.0						1.0	10.3
NE	.1	.2	3.4	7.8	3.2	.9	.1					15.7	14.2
ENE	.1	.7	7.2	22.0	9.3	2.2	.1					41.6	14.5
E	.3	1.4	5.1	13.4	6.6	.6						27.3	13.6
ESE	.1	.6	2.1	4.1	1.0	.3						8.2	12.3
SE	.3	.7	.7	.9	.2	.1						2.8	9.7
SSE	.2	.2	.3	.3	.0							1.0	8.3
S	.0	.1	.2	.0	.0							.5	8.1
SSW	.0		.0	.0								.1	8.0
SW		.1	.1									.2	6.8
WSW			.0	.0								.1	9.3
W		.0		.0								.1	8.5
WNW													
NW		.1										.1	6.0
NNW		.4	.1									.5	5.8
VARBL													
CALM												.4	
	1.4	4.8	19.5	49.0	20.5	4.1	.2					100.0	13.6

TOTAL NUMBER OF OBSERVATIONS 2195

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHOLZ (STATION NAME) 44-72 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.1	.2	.1								.4	7.9
NNE		.2	.4	.5	.1							1.3	10.9
NE		.7	4.1	7.9	3.2	1.2	.3					17.5	14.0
ENE	.2	.9	8.1	22.5	9.8	2.1	.0					43.7	14.3
E	.2	1.5	5.6	12.2	3.6	.4						23.7	12.9
ESE	.3	.8	2.3	3.5	.7	.2						7.6	11.8
SE	.2	.5	.9	.4	.2	.0						2.4	9.3
SSE	.1	.2	.3	.3	.1							1.0	9.7
S	.1		.2	.2	.0							.5	9.6
SSW			.1	.0								.1	10.0
SW	.0			.1	.0							.2	10.8
WSW		.1	.1									.3	6.3
W	.0	.1		.0								.2	6.6
WNW		.0										.0	6.0
NW	.1	.1										.2	4.0
NNW		.0										.0	5.0
VARBL													
CALM												1.0	
	1.3	5.2	22.4	47.8	18.1	4.0	.3					100.0	13.2

TOTAL NUMBER OF OBSERVATIONS 2196

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.1										.2	4.0
NNE	.1	.4	.3	.3	.1	.1						1.3	10.3
NE	.1	1.0	3.6	8.6	3.4	1.5	.1					18.3	14.0
ENE	.1	1.8	10.7	21.3	10.2	2.0	.1					46.2	13.7
E	.2	1.4	4.8	10.2	4.1	.6	.0					21.3	13.3
ESE	.0	.4	2.7	2.6	1.0	.3						7.1	12.3
SE	.1	.3	.3	.4	.2							1.3	10.2
SSE	.2	.2	.5	.5	.1							1.6	9.5
S	.0	.4	.2	.1								.7	7.1
SSW		.0	.0	.1								.2	10.0
SW	.0	.2		.0								.3	5.7
WSW	.1	.0	.1									.2	5.2
W		.0	.0	.1		.0						.2	11.2
WNW			.0									.0	8.0
NW													
NNW	.0	.0	.0									.1	4.7
VARBL													
CALM												.8	
	1.1	6.4	23.4	44.3	19.2	4.6	.2					100.0	13.2

TOTAL NUMBER OF OBSERVATIONS 2197

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.1	.1									.3	5.1
NNE	.2	.5	.5	.2	.2	.0						1.6	9.2
NE	.1	1.1	3.8	6.9	3.5	1.2	.2					16.8	13.9
ENE	.1	2.0	10.2	20.4	9.8	2.3	.2					45.1	13.9
E	.0	1.2	4.1	11.6	4.9	1.3						23.1	13.9
ESE	.0	.7	2.0	3.1	.9	.5						7.2	12.6
SE	.1	.2	.9	.6	.1		.0					2.0	10.6
SSE		.1	.5	.3	.0							.9	10.6
S	.1	.3	.1	.1	.1							.6	8.6
SSW			.1	.2								.3	9.9
SW	.0	.1										.2	5.0
WSW	.0	.1	.2									.4	6.5
W	.1	.0	.0	.1								.3	7.2
WNW		.1		.0								.1	8.0
NW	.0											.0	3.0
NNW		.0										.0	5.0
VARBL													
CALM												.9	
	1.0	6.7	22.5	43.6	19.5	5.3	.5					100.0	13.4

TOTAL NUMBER OF OBSERVATIONS 2196

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) | KWAJALEIN MARSHALL IS/BUCHHLZ (STATION NAME) | 44-45,47-72 (YEARS) | JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.1	.0		.0							.2	7.4
NNE	.2	.4	.9	.5	.0							2.0	8.7
NE	.2	1.1	4.4	5.4	2.4	.8	.0					14.4	12.7
ENE	.2	1.6	11.2	21.5	7.3	1.1	.0					42.8	13.0
E	.3	1.4	6.8	12.3	4.2	.7	.1	.0				26.0	13.0
ESE	.2	.9	3.3	2.3	.9	.1						7.8	11.0
SE		.6	.9	.7	.2							2.4	9.9
SSE	.0	.1	.5	.2	.0							1.0	9.7
S	.1	.4	.5	.1								1.2	7.0
SSW			.0	.1								.2	11.3
SW	.1	.1										.2	4.5
WSW	.0		.0									.1	5.5
W		.0	.0		.0							.1	10.7
WNW			.0									.0	8.0
NW													
NNW	.1	.1										.2	4.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	1.2	
	1.7	6.9	28.9	43.2	15.2	2.7	.2	.0				100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 2037

USAFETAC FORM JUL 64 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-45,47-72 (YEARS) JUN (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	.1	.2	.0								.4	6.9
NNE	.2	.4	1.1	.7	.1	.1						2.6	9.8
NE	.3	.8	4.3	5.4	2.4	.5	.0					13.8	12.7
ENE	.1	1.9	12.4	22.5	6.4	1.0						44.3	12.8
E	.1	1.8	6.1	11.9	3.7	.6						24.3	12.7
ESE	.2	.7	2.4	2.6	.7	.1		.0				6.8	11.3
SE	.0	.8	.7	.8	.1	.1						2.7	10.0
SSE		.3	.4	.5	.1							1.4	10.3
S	.0	.2	.4	.2								.8	8.6
SSW	.1	.1	.1	.3								.6	8.8
SW	.0	.1	.0									.2	5.3
WSW	.1		.0	.0								.2	7.3
W	.0	.1		.0								.2	6.3
WNW		.0	.0									.1	6.0
NW				.1								.1	12.0
NNW													
VARBL													
CALM												1.4	
	1.5	7.4	28.4	45.0	13.6	2.6	.0	.0				100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 2034

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) | KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) | 44-45,47-72 (YEARS) | JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.2	.1	.0								.4	7.4
NNE	.1	.5	.5	.3	.0							1.6	8.0
NE	.2	.6	4.1	6.0	2.3	.9						14.1	13.2
ENE	.1	1.8	10.2	23.0	8.2	.7						44.0	13.2
E	.3	1.4	6.4	12.5	4.3	.8	.0					25.7	13.0
ESE	.0	1.4	2.8	2.9	.7	.1						7.9	11.0
SE	.2	.6	.9	.0	.2		.0					2.2	8.6
SSE	.0	.2	.2	.1	.1	.1	.0					.9	11.6
S	.1	.2	.5									.8	6.5
SSW	.1		.2									.3	6.7
SW	.0	.0	.2	.0								.3	8.1
WSW			.0	.0								.1	11.0
W	.0		.1									.1	7.0
WNW	.0		.0									.1	5.5
NW		.0		.0								.1	9.0
NNW			.0	.0								.1	9.3
VARBL													
CALM												1.1	
	1.5	7.1	26.5	45.2	15.8	2.6	.1					100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 2040

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-45,47-72 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0200-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.3	.1									.4	5.8
NNE	.1	.5	.7	.3	.0	.0						1.7	8.6
NE	.1	.7	3.6	5.7	1.9	.7						12.7	13.0
ENE	.0	1.0	7.9	23.6	8.2	1.2	.0					42.0	13.8
E	.2	1.0	6.6	14.7	5.0	.6	.0					28.2	13.1
ESE	.2	1.0	2.7	4.0	.7	.2		.0				8.9	11.5
SE	.0	.7	.7	.6	.2							2.3	9.7
SSE	.2	.2	.5	.3	.1							1.4	8.9
S	.0	.2	.4									.7	7.0
SSW	.0	.0	.1	.0								.2	7.2
SW		.0	.2									.2	8.4
WSW		.0										.0	3.0
W		.0		.0								.1	9.0
WNW													
NW		.1	.1									.2	6.8
NNW		.1										.1	4.0
VARBL													
CALM												.8	
	1.1	6.1	23.6	49.4	16.1	2.7	.1	.0				100.0	12.8

TOTAL NUMBER OF OBSERVATIONS 2040

USAFETAC FORM XX 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-45,47-72 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	.2	.0								.3	8.1
NNE	.0	.2	.5	.5	.0							1.3	10.2
NE	.1	1.1	3.6	6.2	1.8	.7	.0					13.6	12.8
ENE	.0	.5	6.6	23.3	6.3	1.5	.0					38.3	13.9
E	.1	1.4	7.0	15.5	4.5	.7	.0					29.2	13.0
ESE	.1	1.3	2.5	4.9	.7	.2						9.6	11.6
SE	.2	.6	1.1	.9	.3							3.2	9.6
SSE		.2	.4	.5	.1							1.4	10.1
S		.5	.2	.1	.0							.9	7.3
SSW	.0	.2	.1			.0						.4	8.0
SW	.1	.1	.1									.3	5.4
WSW	.0	.1	.1									.3	5.3
W		.0	.1	.1								.2	9.0
WNW		.0	.0	.0								.1	8.7
NW		.1	.0									.1	6.7
NNW	.1	.1	.1									.3	5.3
VARBL													
CALM												.2	
	1.0	6.9	22.7	52.1	13.8	3.2	.1					100.0	12.8

TOTAL NUMBER OF OBSERVATIONS 2036

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-45,47-72 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.1	.2	.1								.6	8.0
NNE		.3	.9	1.1	.2							2.5	11.1
NE	.1	.8	4.3	7.0	1.5	.2	.0					14.7	12.8
ENE	.2	1.0	9.1	21.8	5.8	.8	.0					38.8	13.2
E	.3	1.3	6.3	13.4	4.7	.8	.1					26.9	13.1
ESE	.1	1.2	3.0	4.0	.5	.0						9.0	11.0
SE	.1	.8	.9	1.0	.2	.1						3.2	10.4
SSE	.1	.1	.3	.4	.0	.0						1.1	10.5
S	.1	.2	.4	.3								1.1	9.1
SSW		.1	.2	.0								.4	7.4
SW	.0	.1	.1									.2	6.0
WSW													
W			.0									.0	8.0
WNW	.0	.1	.1									.3	5.7
NW	.1	.1	.1	.0								.4	5.8
NNW	.1	.1	.1	.0								.4	6.1
VARBL													
CALM												.5	
	1.5	6.5	26.2	49.4	12.9	2.7	.2					100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 2040

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604	KWAJALEIN MARSHALL IS/BUCHOLZ	44-45,47-72	JUN
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.1	.2	.1	.0							.5	9.5
NNE	.1	.3	1.0	.5	.1	.0						2.1	9.7
NE	.1	1.0	5.6	6.3	1.9	.9						15.8	12.4
ENE	.3	1.4	9.1	21.8	6.8	.5						39.9	13.0
E	.4	1.4	7.5	12.3	3.9	.8						26.3	12.6
ESE	.1	.8	2.5	3.7	.8	.1		.0				8.2	11.8
SE	.1	.6	.7	.9	.1	.1						2.5	10.3
SSE	.1	.2	.4	.4	.2	.0						1.5	11.0
S	.1	.3	.3	.2	.1							1.0	8.6
SSW			.0	.2	.0							.3	13.6
SW		.0	.0	.1								.2	10.8
WSW	.1		.0									.1	3.7
W													
WNW		.0	.1									.1	6.7
NW	.1	.2	.1									.5	5.5
NNW		.0	.1	.0								.2	8.0
VARBL													
CALM												.5	
	1.7	6.5	27.8	46.7	14.0	2.5		.0				100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 2040

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHILZ (STATION NAME) 44-45,47-72 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.2	.4	.0								.7	7.7
NNE	.0	.3	.9	.7		.0						2.0	9.9
NE	.1	.7	4.8	5.7	1.4	1.1						13.9	12.6
ENE	.1	1.9	10.9	21.6	6.3	1.2	.0	.1				42.2	13.0
E	.1	1.1	7.1	13.3	4.8	.5						26.9	13.1
ESE	.1	.5	2.6	3.6	.4	.2						7.5	11.4
SE	.2	.2	.7	.7	.0	.0						1.9	9.7
SSE	.0	.2	.7	.2	.1			.0				1.3	10.5
S	.1	.3	.5	.2		.0						1.2	8.2
SSW	.0	.3	.2	.0								.6	6.9
SW	.1	.0		.1	.0							.3	9.9
WSW													
W		.1	.0									.1	5.7
WNW													
NW		.1	.0									.1	5.7
NNW		.0		.0								.1	8.0
VARBL													
CALM												1.1	
	1.1	6.1	28.8	46.3	13.1	3.2	.0	.1				100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 2039

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHOLZ (STATION NAME) 44-72 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.8	.2	.0								1.3	5.1
NNE	.5	1.1	.9	.3	.0							2.8	6.9
NE	.9	1.9	4.0	3.6	.6	.0						11.1	9.7
ENE	1.5	4.6	12.9	11.7	2.6	.4						33.8	10.5
E	.6	4.2	10.2	10.5	3.3	.0						28.8	11.0
ESE	.2	1.6	3.5	3.5	.5	.1						9.4	10.4
SE	.2	.6	1.4	.8	.2							3.2	9.1
SSE	.2	.5	.6	.5	.1							1.9	8.5
S	.3	.5	.5	.1	.1							1.6	7.2
SSW	.1	.2	.1		.0							.5	6.4
SW	.2	.0	.2	.0								.5	5.9
WSW	.2	.3		.2								.7	6.8
W	.1	.1	.1	.0								.4	6.1
WNW	.3	.1	.1	.0								.5	5.2
NW	.1	.2	.1									.5	5.2
NNW	.0	.3	.2									.5	5.8
VARBL													
CALM												2.5	
	5.7	17.1	35.2	31.3	7.5	.5						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 2199

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.8	.1	.0								1.2	4.9
NNE	.4	1.0	1.0	.1	.0							2.6	6.6
NE	.5	1.9	5.0	3.7	.5	.0						11.7	9.7
ENE	1.0	4.0	12.9	12.2	3.1	.2						33.5	10.8
E	1.0	4.0	8.0	10.1	2.3	.2						25.6	10.7
ESE	.5	1.7	4.0	3.3	.5	.1						10.2	9.8
SE	.5	1.0	1.9	1.2	.2	.1						4.9	9.3
SSE	.2	.5	1.0	.3	.1	.0						2.2	8.3
S	.1	.2	.6	.3								1.3	8.5
SSW	.3	.3	.3	.0	.1							1.0	7.0
SW	.1	.1	.2		.0							.5	7.8
WSW	.0	.2	.2	.2	.0							.7	8.6
W	.1	.1	.0									.3	3.9
WNW	.0	.3	.0	.0	.0							.5	7.1
NW	.0	.2	.1									.4	5.6
NNW	.0	.3	.3									.6	6.5
VARBL													
CALM												2.9	
	5.2	16.8	38.9	31.6	7.0	.7						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 2201

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (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	.7	.4	.1								1.5	5.7
NNE	.4	1.2	1.0	.2	.0							2.9	6.6
NE	.5	1.7	5.3	3.3	1.0	.1						11.9	10.2
ENE	.7	3.9	11.3	11.5	2.0	.4						29.8	10.8
E	.5	4.0	9.3	11.5	2.9	.5	.0					28.8	11.3
ESE	.6	1.5	4.1	3.6	.5	.1						10.4	10.1
SE	.4	1.0	1.4	1.0	.2							4.0	8.7
SSE	.1	.6	.7	.5	.2	.1	.0					2.2	10.5
S	.2	.5	.5	.5								1.6	8.1
SSW	.2	.3	.2	.1								.9	5.9
SW	.1	.2	.0	.0								.5	5.3
WSW	.1	.5	.1	.1								.9	5.8
W	.2	.2	.1	.1								.6	6.4
WNW	.1	.2	.0	.0								.4	5.6
NW	.0	.3		.0								.4	5.8
NNW	.0	.2	.1	.1								.4	8.0
VARBL													
CALM												3.0	
	4.7	16.8	34.6	32.8	6.8	1.3	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 2201

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) | KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) | 44-72 (YEARS) | JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.5	.2	.1								1.0	5.8
NNE	.3	.6	.9	.4	.0	.0						2.2	7.9
NE	.6	1.9	4.2	3.0	.6	.2						10.6	10.0
ENE	.7	2.9	10.6	11.6	2.0	.3						28.0	10.9
E	.3	2.5	9.5	14.4	2.7	.4						29.8	11.7
ESE	.4	2.5	5.0	4.2	.7	.0						12.8	9.9
SE	.3	.9	1.7	1.1	.0							4.0	8.9
SSE	.1	.6	1.2	1.0	.2	.1	.0					3.3	10.3
S	.4	.6	.5	.2								1.6	6.2
SSW	.2	.4	.3	.1								1.0	6.3
SW	.0	.3	.3									.6	6.3
WSW		.3	.0	.2								.5	8.2
W	.1	.4	.1	.0								.6	6.0
WNW	.0	.3										.3	4.7
NW	.2	.1	.2									.5	5.2
NNW	.1	.2	.0	.1								.5	6.8
VARBL													
CALM												2.5	
	4.0	15.0	34.8	36.3	6.4	1.0	.0					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 2149

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.7	.5	.1								1.5	6.3
NNE	.3	.9	1.0	.6								2.8	7.6
NE	.4	1.5	3.5	4.0	.5							9.9	10.2
ENE	.8	2.4	2.3	11.4	1.9	.4	.0					25.2	11.3
E	.5	3.0	10.8	14.0	3.5	.0						31.8	11.4
ESE	.3	2.0	5.2	4.5	.6							12.7	10.2
SE	.4	2.0	2.0	1.3	.3	.0						6.1	8.6
SSE	.4	1.1	1.1	.7	.2							3.6	8.3
S	.4	.6	.8	.1	.1							2.0	6.7
SSW	.0	.3	.3	.2	.0							1.0	8.6
SW	.1	.0	.1	.0								.4	7.0
WSW	.0	.1	.1	.0								.3	7.4
W	.1	.2	.3	.1								.7	7.1
WNW	.2		.0	.0								.3	4.8
NW	.1	.3	.1	.1								.6	5.5
NNW	.1	.2	.1	.1								.5	5.9
VARBL													
CALM												.7	
	4.4	15.6	34.3	37.4	7.1	.5	.0					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 2198

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604	KWAJALEIN MARSHALL IS/BUCHOLZ	44-72	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.2	.3	.1								.9	6.8
NNE	.3	.7	1.4	.8								3.2	8.4
NE	.3	2.4	4.5	3.0	.5	.0						10.7	9.5
ENE	.7	3.2	10.7	11.0	1.7	.2						27.4	10.7
E	.6	2.6	10.4	11.2	2.5	.4		.1				27.8	11.3
ESE	.5	2.0	5.1	3.6	.6	.2		.0				12.1	9.9
SE	.5	1.6	2.3	1.0	.4	.1						5.9	8.6
SSE	.4	1.0	1.1	.7	.1	.0						3.4	8.3
S	.5	1.2	.9	.2	.1	.0						2.9	7.1
SSW	.2	.2	.3	.3								1.0	8.3
SW	.2	.5	.3	.1								1.0	6.6
WSW	.1	.2	.1	.1	.1							.6	8.1
W		.4	.0									.4	5.2
WNW	.0	.1	.1	.1								.4	8.3
NW	.2	.3										.7	4.3
NNW	.1	.0		.0								.2	5.0
VARBL													
CALM												1.1	
	4.9	16.9	37.5	32.4	6.1	1.0		.1				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 2199

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.5	.2	.0								1.2	5.0
NNE	.1	.9	2.2	.5								3.7	8.1
NE	.7	2.0	5.6	3.2	.5	.0						12.0	9.3
ENE	1.0	4.1	12.1	10.9	1.8	.2						30.1	10.4
E	.9	4.5	9.2	10.0	3.2	.2						28.1	10.8
ESE	.4	1.9	3.7	3.0	.0	.3						10.1	10.3
SE	.4	1.1	1.5	.7	.2							3.9	8.4
SSE	.2	.7	1.6	.7	.1							2.6	8.8
S	.4	.5	.6	.1	.2	.0						2.0	8.1
SSW	.2	.2	.2	.1		.0						.7	8.1
SW	.2	.2	.1	.1	.0							.6	7.1
WSW	.0	.1	.1	.1								.4	7.4
W	.1	.1	.0	.0								.3	6.8
WNW	.1	.4	.1	.2								.8	6.8
NW	.0	.0	.0									.1	6.0
NNW	.0	.3	.2	.0								.8	5.8
VARBL													
CALM												2.6	
	5.1	18.0	36.7	29.9	6.8	.9						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 2199

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) | KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) | 44-72 (YEARS) | JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.6	.3	.0	.0							1.6	5.3
NNE	.2	1.2	1.6	.3								3.3	7.4
NE	.5	1.9	4.9	2.8	.5							10.5	9.4
ENE	1.2	4.6	11.8	13.4	2.0	.3						33.2	10.6
E	.7	4.1	9.4	10.3	3.1	.3						27.9	11.0
ESE	.5	2.1	3.5	3.5	.7	.1						10.4	10.1
SE	.5	.8	1.5	.6	.1	.0						3.6	8.2
SSE	.0	.6	.8	.6	.1	.0						2.2	9.5
S	.5	.4	.4	.2								1.6	6.1
SSW	.1	.3	.2	.1	.1							.7	7.8
SW		.5	.2									.7	6.2
WSW	.1	.2	.1	.2								.6	8.1
W	.0	.1	.1	.1								.3	6.8
WNW	.0	.4	.0	.0								.5	5.3
NW	.1	.1	.0									.3	5.2
NNW	.1	.1	.0									.3	4.0
VARBL													
CALM												2.3	
	5.1	18.0	35.0	32.2	6.7	.7						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 2200

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHNILZ (STATION NAME) 44-72 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.4	.5	.4								1.7	5.6
NNE	.4	1.1	1.4	.2								3.1	6.7
NE	1.0	2.6	4.4	2.5	.3							10.8	8.5
ENE	1.2	5.1	10.3	7.0	1.6	.2						26.1	9.8
E	1.2	4.5	10.1	7.5	1.5	.2						25.1	9.8
ESE	.8	2.2	4.0	2.1	.4	.1						9.5	8.8
SE	.4	1.6	2.5	1.1	.0							5.7	8.1
SSE	.3	1.0	1.0	.3	.0							2.6	7.2
S	.4	1.4	.9	.3	.1	.0						3.1	7.1
SSW	.4	.6	.5	.5		.0						2.0	7.9
SW	.2	.5	.4	.2	.0							1.3	7.4
WSW	.1	.3	.2									.5	5.8
W	.4	.3	.3									.9	4.7
WNW	.2	.1	.1									.5	4.4
NW	.3	.1	.2	.1	.0							.7	6.9
NNW	.4	.3	.4		.2							1.2	7.4
VARBL													
CALM												5.1	
	8.0	22.6	36.9	22.6	4.2	.6						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 2199

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) AUG (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	.4	1.0	.3	.1	.0							1.8	5.7
NNE	.5	.9	1.5	.4	.1	.0						3.4	7.7
NE	1.1	3.0	4.8	3.0	.4	.1						12.4	8.8
ENE	1.3	4.2	9.1	7.4	1.1	.4						23.6	9.7
E	.7	4.3	8.6	7.7	1.3	.2						22.8	10.0
ESE	.4	2.1	4.8	2.5	.4	.1						9.5	9.3
SE	.5	1.5	2.0	.8	.1							5.1	7.7
SSE	.4	1.0	1.5	.5	.0							3.5	7.5
S	.5	1.4	.5	.5	.2							3.2	7.5
SSW	.2	.4	.8	.4	.0							1.8	8.3
SW	.2	.7	.5	.3	.1							1.7	7.7
WSW	.2	.2	.2	.2	.0	.0						.9	9.3
W	.5	.8	.3	.2								1.8	5.7
WNW	.2	.3	.1									.6	4.3
NW	.3	.5	.2	.0								1.0	5.3
NNW	.3	.5	.4	.1	.0							1.2	6.7
VARBL													
CALM												5.7	
	7.8	22.7	34.8	24.1	4.0	.9						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 2198

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) | KWAJALEIN MARSHALL IS/BUCHHLZ (STATION NAME) | 44-72 (YEARS) | AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.5	.5	.1								2.7	5.3
NNE	.5	1.0	1.1	.2								2.8	6.1
NE	.9	3.3	5.0	3.2	.5	.3						13.1	9.0
ENE	1.0	4.2	8.7	7.5	1.2	.2						23.0	9.8
E	1.1	3.1	10.0	7.5	1.0	.3						22.9	10.0
ESE	.2	2.9	4.3	3.0	.8	.1						11.3	9.6
SE	.5	1.6	2.4	.8	.1							5.4	7.9
SSE	.3	.9	1.1	.7	.1							3.1	8.5
S	.4	.9	1.3	.5	.1							3.1	7.7
SSW	.0	.5	.7	.5								1.8	8.9
SW	.2	.6	.5	.2	.1							1.6	7.5
WSW	.3	.3	.2	.2	.1							1.1	8.4
W	.4	.9	.4	.1								1.7	5.8
WNW	.2	.3	.4	.0	.0							1.0	6.3
NW	.1	.2	.2		.0							.6	6.1
NNW	.1	.3	.0	.1								.6	6.1
VARBL													
CALM												4.2	
	6.9	22.4	36.9	24.8	4.0	.9						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 2200

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/RICHMLZ (STATION NAME) 44-72 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.6	.8	.1								2.0	6.1
NNE	.6	1.4	1.0	.0	.1							3.1	6.3
NE	.6	2.2	4.0	2.9	.5	.1						10.2	9.3
ENE	.7	3.5	9.5	8.4	1.3	.2						23.5	10.4
E	.5	3.4	10.5	8.2	1.6	.3						24.5	10.4
ESE	.5	2.3	5.5	4.2	.5	.2	.0					13.3	9.8
SE	.4	1.2	2.5	1.2	.1							5.4	8.5
SSE	.3	1.2	1.9	.8	.1							4.3	8.1
S	.3	1.1	1.5	.5	.1							3.5	7.8
SSW	.2	.5	.4	.2								1.3	6.9
SW	.1	.7	.3	.4								1.5	7.7
WSW	.3	.5	.5	.1	.0	.0						1.5	7.2
W	.0	.5	.4	.1								1.1	7.2
WNW	.1	.2	.3	.1								.8	6.9
NW	.2	.1	.2									.5	5.3
NNW	.1	.4	.4	.1	.0							1.0	7.1
VARBL													
CALM												2.5	
	5.4	19.9	39.5	27.4	4.5	.9	.0					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 2201

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND S/SED
N	.2	.7	.8	.2	.0							2.0	7.1
NNE	.5	1.5	1.1	.4								3.4	6.7
NE	.5	2.1	3.5	2.0	.5							8.6	8.9
ENE	.2	2.3	7.8	8.1	1.3	.3						20.0	10.8
E	.8	4.0	11.6	9.1	1.5		.0					27.0	10.1
ESE	.5	2.6	6.0	4.0	.6	.0						13.8	9.5
SE	.7	2.0	2.8	1.3	.3	.0						7.1	8.5
SSE	.4	1.1	1.8	1.0	.1							4.5	8.4
S	.4	1.3	1.1	.5	.1	.0						3.5	7.7
SSW	.4	.5	.7	.2	.1							1.9	7.9
SW	.1	.8	.6	.4								1.9	7.3
WSW		.3	.5	.1	.0							1.0	8.4
W	.0	.3	.4	.1								.9	7.4
WNW	.1	.3	.2	.0								.7	5.9
NW	.4	.5	.5									1.4	5.6
NNW	.1	.3	.1	.1								.7	6.4
VARBL													
CALM												1.6	
	5.3	20.6	39.6	27.7	4.7	.4	.0					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 2199

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.8	.6	.1								1.7	6.2
NNE	.4	1.0	1.2	.5								3.1	7.3
NE	.6	2.4	3.5	2.1	.4							9.0	8.7
ENE	.6	3.1	8.9	7.4	1.0	.3		.0				21.3	10.2
E	1.0	3.8	11.4	8.5	1.5	.1						26.3	10.0
ESE	.6	2.6	6.1	2.8	.5	.0						12.6	9.1
SE	.7	2.0	2.4	1.2	.2	.1						6.6	8.1
SSE	.3	1.1	1.3	1.1	.2							4.2	8.8
S	.4	1.8	1.1	.5	.1							3.9	7.1
SSW	.4	.5	1.0	.2	.1							2.3	7.5
SW	.1	.5	.6	.1	.1							1.5	7.9
WSW	.1	.4	.2	.1								.8	6.5
W	.1	.5	.3	.1								1.0	6.5
WNW	.4	.3	.3	.1								1.1	5.5
NW	.2	.6	.3	.1								1.3	6.0
NNW	.3	.5	.6	.2	.0							1.6	6.8
VARBL													
CALM												1.5	
	6.5	21.9	40.1	25.3	4.2	.6		.0				100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 2199

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.6	.5	.1								1.8	5.7
NNE	.4	.9	1.5	.3								3.1	7.1
NE	1.1	3.0	4.0	1.9	.2	.1						10.3	8.0
ENE	.5	4.5	10.4	7.2	1.2	.1						23.9	9.8
E	.7	4.2	10.6	8.5	1.1	.1						25.2	9.8
ESE	.6	2.1	4.1	3.3	.7	.0						10.9	9.6
SE	.6	1.6	2.2	.9	.1	.0						5.5	7.8
SSE	.4	1.3	1.2	.8	.2	.1						4.1	9.1
S	.5	.7	1.1	.3	.1							2.6	7.3
SSW	.3	.5	1.0	.1	.0							2.0	7.0
SW	.2	.7	.5	.2	.1							1.6	7.6
WSW	.1	.3	.3									.8	6.1
W	.3	.5	.2	.0								1.0	4.9
WNW	.1	.4	.3	.0								.9	6.8
NW	.3	.4	.3	.1	.0							1.1	6.0
NNW	.5	.4	.4	.0								1.3	4.9
VARBL													
CALM												3.9	
	7.2	22.2	38.5	23.9	3.8	.5						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 2200

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/RUGHMLZ (STATION NAME) 44-72 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.8	.8	.2								2.3	5.9
NNE	.4	1.2	1.1	.4	.0							3.1	7.2
NE	1.0	2.4	3.5	2.1	.1							9.2	8.2
ENE	.8	3.9	11.0	7.4	1.7	.3						25.1	10.1
E	1.0	4.9	10.8	7.7	1.2							25.6	9.6
ESE	.9	2.3	4.2	3.0	.6	.2						11.2	9.4
SE	.8	1.4	2.0	.8	.1	.0						5.1	7.7
SSE	.1	.8	1.2	.6	.3	.0						3.1	9.1
S	.5	.5	1.5	.6	.2							3.3	8.4
SSW	.2	.4	.7	.3	.0	.0						1.6	8.5
SW	.2	.5	.4	.1								1.1	6.2
WSW	.3	.3	.1	.1								.8	5.2
W	.3	.4	.1	.0								.9	4.6
WNW	.1	.3	.2	.0								.7	5.8
NW	.4	.3	.1		.0							.9	5.1
NNW	.3	.5	.3	.2								1.2	6.3
VARBL													
CALM												4.9	
	7.7	20.8	37.9	23.7	4.4	.6						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 2200

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.2	1.1	.2								2.9	6.5
NNE	.6	2.2	2.0	.4		.0						5.3	6.7
NE	1.3	2.7	3.2	2.3	.5	.1						10.1	8.7
ENE	1.0	4.3	7.1	4.6	.9	.4						18.5	9.4
E	1.7	4.7	7.6	4.7	1.3	.3						20.2	9.2
ESE	.5	1.7	3.8	1.8	.4	.1						8.3	9.1
SE	.3	1.7	2.0	1.0		.0						5.1	7.8
SSE	.3	1.4	1.9	.6	.1							4.3	7.8
S	.5	1.1	1.7	1.0	.3	.0						4.6	8.9
SSW	.4	.5	1.1	.4								2.4	7.6
SW	.3	.8	.9	.7	.3							3.0	8.9
WSW	.2	.5	.4	.4								1.9	8.0
W	.5	.7	.5	.2								2.0	6.2
WNW	.2	.3	.2	.0								.8	5.8
NW	.5	.7	.7	.1	.0							2.0	6.4
NNW	.3	.3	.1	.1								.8	6.1
VARBL													
CALM												8.1	
	9.2	24.7	34.4	18.7	3.8	1.0						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 2130

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/ULICHD 2 (STATION NAME) 44-72 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.3	1.0	.3								3.2	6.4
NNE	.8	1.6	1.0	.6								4.5	6.8
NE	1.4	3.9	4.8	1.6	.3							12.0	7.6
ENE	1.7	4.1	6.1	4.1	1.0	.7						17.7	9.4
E	1.1	3.7	6.5	5.6	.6	.1						17.6	9.5
ESE	.5	3.3	3.1	2.2	.5	.1						9.7	8.7
SE	.4	1.6	1.5	.8	.3	.1						4.7	8.7
SSE	.2	1.5	1.6	.7	.1							4.0	7.8
S	.6	1.2	.9	1.3	.1	.0	.0					4.1	8.7
SSW	.3	.9	.8	.7								2.7	8.2
SW	.3	.9	.8	.4		.1						2.5	7.9
WSW	.1	.6	.6	.4	.1	.0						1.9	9.0
W	.8	.9	.7	.2								2.6	5.7
WNW	.2	.6	.6	.0								1.5	6.1
NW	.2	.7	.5	.3								1.6	6.9
NNW	.1	.4	.5	.1								1.2	6.8
VARBL													
CALM												8.5	
	9.4	27.2	31.4	19.2	3.1	1.2	.0					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 2128

USAFETAC FORM AWS 44 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40804 (STATION) KWAJALEIN MARSHALL IS/BUCHNLZ (STATION NAME) 44-72 (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	1.3	.9	.3	.0							2.8	7.1
NNE	.9	2.0	2.0	.6	.1							5.6	6.8
NE	.9	4.0	4.0	1.6	.3	.0						11.0	7.7
ENE	1.1	3.9	5.7	5.2	1.2	.3						17.4	9.7
E	1.0	4.1	5.9	5.4	.8	.1						17.3	9.4
ESE	.7	2.0	3.4	2.7	.6	.1						9.4	9.5
SE	.5	1.7	1.9	.9	.4	.0						5.6	8.6
SSE	.3	1.1	2.0	1.5	.1	.0						5.1	9.0
S	.6	1.3	1.4	1.0	.3							4.6	8.4
SSW	.4	.6	1.3	.3								2.6	7.5
SW	.5	.7	.8	.4	.0	.1	.0	.0				2.7	8.8
WSW	.5	.3	.6	.3	.0							1.7	7.5
W	.7	1.0	.3	.2	.1			.0				2.4	6.7
WNW	.4	.5	.7	.1								1.7	6.4
NW	.3	.4	.4	.2								1.3	6.5
NNW	.3	.4	.2	.1								1.0	5.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	7.9	
	9.3	25.3	31.6	20.9	4.1	.7	.0	.1				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 2126

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.4	.8	.2								2.4	6.2
NNE	.6	1.6	2.1	.7	.0	.0						5.0	7.5
NE	.8	2.7	3.8	1.6	.4							9.3	8.2
ENE	.9	2.8	7.0	4.7	.9	.2	.0					16.3	9.8
E	.8	4.3	6.1	6.5	1.3	.2						19.1	10.0
ESE	.5	2.3	4.3	2.7	.2							10.1	8.9
SE	1.0	2.0	2.0	1.8	.5							7.3	8.9
SSE	.7	1.5	3.1	1.6	.2	.0						7.0	8.8
S	.7	1.7	2.5	1.2	.2	.0	.0					6.4	8.2
SSW	.3	1.1	.9	.3	.1							2.6	7.3
SW	.3	.7	.9	.2	.1	.2						2.4	8.6
WSW	.1	.4	.4	.4	.0							1.4	8.1
W	.4	.6	.6	.1	.1	.1						1.9	7.6
WNW	.3	.7	.6	.2								1.8	6.6
NW	.3	.4	.3	.0	.0							1.0	6.1
NNW	.5	.7	.1	.3								1.6	5.9
VARBL													
CALM												4.3	
	8.6	24.1	35.4	22.6	4.2	.8	.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 2129

USAFETAC FORM 0 8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.8	.8	.3								2.4	6.8
NNE	.4	1.4	1.2	.4	.1							3.6	7.1
NE	.7	2.9	4.5	1.5	.4							10.0	8.1
ENE	.5	1.9	5.6	5.7	.6	.1	.1					14.0	10.3
E	.8	3.1	8.6	6.7	.8	.1						20.2	9.8
ESE	.4	2.3	3.7	2.7	.4							9.6	9.3
SE	1.1	2.7	3.4	1.6	.2	.0						9.1	7.9
SSE	.7	2.2	2.4	1.1	.4	.1						7.0	8.3
S	.6	1.8	2.3	1.2	.2	.0						6.1	8.0
SSW	.4	1.4	1.4	.7	.3	.2						4.3	9.1
SW	.5	1.0	.9	.5		.1						3.0	7.7
WSW	.2	.7	.6	.2	.1							1.7	7.3
W	.2	.6	.3	.1	.1							1.4	6.9
WNW	.3	.7	.4	.1	.0							1.5	6.3
NW	.3	.7	.5	.2								1.6	6.2
NNW	.3	.8	.6	.1								1.9	6.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	2.7	
	8.0	25.0	37.2	22.6	3.6	.8	.1					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 2129

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) | KWAJALEIN MARSHALL IS/BLICHNILZ (STATION NAME) | 44-72 (YEARS) | SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.2	1.3	.1	.1							3.1	6.8
NNE	.6	2.0	1.3	.6								4.4	6.7
NE	1.0	3.3	3.4	1.6	.2	.0						9.5	7.7
ENE	.6	2.8	7.1	4.5	.3	.2						15.5	9.6
E	.9	3.1	7.6	6.0	.6	.1	.0					18.4	9.8
ESE	.5	2.4	3.9	2.8	.1							9.7	8.9
SE	1.0	2.6	2.5	1.3	.3	.1						7.8	8.0
SSE	.8	2.3	2.2	1.1	.3	.0						6.7	8.0
S	.3	2.0	2.3	.6	.4	.0						5.5	8.3
SSW	.4	1.1	1.4	.9	.2	.1						4.1	8.8
SW	.3	1.1	.9	.8	.2	.0						3.2	8.9
WSW	.3	.8	.9	.3	.0							2.4	7.3
W	.4	.4	.7	.2	.0							1.7	6.9
WNW	.0	.7	.4	.1								1.2	6.6
NW	.1	.9	.4	.1	.0							1.6	6.6
NNW	.3	.6	.5	.2								1.6	6.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	3.3	
	7.9	27.2	36.8	21.1	2.9	.7	.0					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 2128

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/ROCKNLZ (STATION NAME) 44-72 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.3	.9	.2								2.9	6.3
NNE	.5	1.9	1.8	.5	.1							4.8	6.9
NE	.8	3.6	4.6	2.0	.1	.0						11.2	7.9
ENE	.9	3.8	6.4	4.0	.8	.1						16.1	9.2
E	1.5	3.9	7.6	5.6	.9	.1						19.5	9.4
ESE	1.1	2.6	3.4	2.2	.2	.1						9.6	8.3
SE	.9	1.8	2.6	1.4	.1	.0						6.5	8.1
SSE	.6	1.4	1.7	1.1	.2	.1						5.0	8.5
S	.5	1.5	1.6	.9	.0	.0						4.5	7.7
SSW	.2	1.2	1.0	.7	.2							3.3	8.6
SW	.4	.9	.5	.3	.0	.2	.0	.0				2.5	9.0
WSW	.5	.5	.4	.3								1.6	6.5
W	.2	.7	.3	.2	.1	.1						1.7	8.2
WNW	.3	.7	.1	.2								1.4	5.7
NW	.4	.4	.4	.2								1.7	6.4
NNW	.3	.4	.4	.1	.0							1.4	6.3
VARBL													
CALM												6.2	
	9.6	26.6	33.7	19.9	3.0	.9	.0	.0				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 2126

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	.9	1.1	.2								2.8	6.4
NNE	.7	2.1	1.6	.4	.0							4.6	6.4
NE	1.2	3.5	5.1	1.8	.5	.1						12.2	8.1
ENE	.8	4.8	7.1	4.4	1.5	.1						18.7	9.3
E	1.4	3.7	6.3	5.3	1.1	.0						17.9	9.6
ESE	.8	2.8	3.5	2.1	.4							9.5	8.4
SE	.7	2.3	1.9	1.3	.0							6.2	7.6
SSE	.6	1.3	1.7	1.1	.1	.0						4.9	8.3
S	.4	1.1	1.6	.6	.1	.0						3.8	7.9
SSW	.5	.6	1.0	.7	.3	.0						3.1	9.2
SW	.2	.7	.6	.3	.1	.1						2.1	8.6
WSW	.3	.4	.2	.5								1.5	7.5
W	.5	.5	1.0	.0	.1							2.2	7.0
WNW	.3	.3	.2	.1								.9	6.2
NW	.3	.3	.6									1.1	5.9
NNW	.4	.1	.2	.1								.8	5.4
VARBL													
CALM												7.5	
	9.5	25.5	34.0	18.7	4.3	.5						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 2129

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHILZ (STATION NAME) 44-72 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.3	.7	.7								2.8	5.7
NNE	.5	1.7	2.6	.6	.2							5.7	7.8
NE	.8	3.1	4.9	3.2	.5	.3						12.9	9.3
ENE	1.0	4.1	7.5	4.0	.8	.4						17.7	9.2
E	1.0	3.7	6.3	5.6	.9	.2						17.8	9.3
ESE	1.0	2.0	3.5	2.0	.4	.1	.0					8.9	8.8
SE	.8	1.8	2.3	1.7	.2							6.8	8.4
SSE	.3	1.2	1.6	.9	.1							4.1	8.5
S	.5	1.3	1.6	1.1	.1	.1						4.7	8.7
SSW	.5	.8	1.2	.5	.1							3.1	7.4
SW	.2	.9	1.0	.5	.1	.0						2.7	8.2
WSW	.5	.7	.5	.2	.0	.0						2.0	6.7
W	.7	.7	.5	.6								2.6	6.7
WNW	.2	.2	.2									.6	5.1
NW	.2	.3	.2	.1								.8	6.1
NNW	.1	.5	.2	.1								.9	6.8
VARBL													
CALM												5.7	
	9.0	24.3	34.8	21.3	3.5	1.2	.0					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 2198

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5.

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.2	.6	.2								2.9	5.6
NNE	.4	1.8	2.0	.9	.3	.1						5.4	8.5
NE	.9	3.5	4.9	2.2	.6	.1						12.2	8.7
ENE	1.2	4.4	7.8	4.1	1.0	.3						18.8	9.0
E	1.0	2.6	6.1	5.1	1.1	.4						16.2	10.1
ESE	.7	1.8	3.1	2.2	.1							7.9	8.6
SE	.5	1.7	2.9	1.2	.1	.0						6.5	8.1
SSE	.4	1.6	1.6	.7	.4	.1						4.8	8.7
S	.4	1.5	1.8	.8	.3	.1						4.9	8.7
SSW	.6	.9	.9	.6	.1							3.1	7.4
SW	.3	1.0	1.0	.6	.2							3.1	8.4
WSW	.4	.6	.4	.2	.1							1.7	7.1
W	.5	.8	.7	.5	.1							2.6	7.5
WNW	.3	.5	.1	.0	.0							1.3	4.9
NW	.2	.5	.0	.1								.8	5.1
NNW	.3	.6	.5	.2	.0							1.6	7.2
VARBL													
CALM												6.3	
	9.1	24.9	34.4	19.6	4.6	1.1						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 2198

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.2	.7	.2	.0	.0						2.7	6.4
NNE	.6	1.9	2.0	.5	.0	.1						5.3	7.3
NE	1.0	3.4	5.1	2.9	.6	.3						13.2	8.9
ENE	.7	3.3	7.9	3.3	1.1	.2						16.5	9.3
E	.0	3.0	6.4	5.2	1.4	.1	.0					16.9	9.9
ESE	.4	2.2	4.1	2.7	.3	.1	.0					9.9	9.3
SE	.8	2.2	3.1	1.3	.2	.1						7.7	8.1
SSE	.7	1.5	2.1	1.0	.3	.0						5.0	8.2
S	.6	1.3	2.1	.5	.1	.0						4.7	7.4
SSW	.6	.8	1.3	.5	.0	.1						3.4	7.8
SW	.3	.8	.9	.5	.1	.1						2.7	8.7
WSW	.3	.5	.5	.4								1.6	7.6
W	.4	.0	.7	.2	.2							2.1	7.5
WNW	.2	.4	.1	.1	.1							.9	7.6
NW	.1	.4	.0									.5	5.1
NNW	.2	.4	.3	.1								1.0	6.4
VARBL													
CALM												5.0	
	8.3	23.8	37.5	19.5	4.6	1.2	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2198

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/KUCHOLZ (STATION NAME) 44-72 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.1	.5	.3	.1							2.3	6.9
NNE	.4	1.6	2.2	.6	.0							5.0	7.4
NE	.5	3.0	4.9	3.0	.7	.1	.0					12.1	9.5
ENE	.3	1.6	7.4	4.7	.9	.2						15.1	10.4
E	.5	3.5	7.8	6.6	1.0	.1	.0					19.6	10.0
ESE	.7	3.1	4.2	3.5	.3	.0	.0					11.9	8.9
SE	.6	2.0	3.8	1.5	.4							8.4	8.5
SSE	.9	2.0	1.0	1.0	.2	.0		.0				5.3	7.9
S	.5	1.3	1.9	.9	.2	.1	.0					4.9	8.8
SSW	.2	.6	1.0	.4	.3	.0	.0					2.7	9.4
SW	.3	.6	.9	.3	.0	.0						2.2	8.3
WSW	.2	1.2	.3	.5	.0	.0						2.0	7.8
W	.2	.5	.7	.4	.0							1.9	8.2
WNW	.1	.5	.3	.1								1.0	6.4
NW	.1	.2	.2	.1								.6	7.9
NNW	.3	.3	.3	.1								1.0	6.2
VARBL													
CALM												3.9	
	6.2	22.9	37.5	24.2	4.3	.8	.2	.0				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 2198

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.2	1.0	.1								2.7	5.9
NNE	.6	1.1	1.8	1.0	.1							4.6	8.1
NE	.5	2.5	5.2	2.3	.5	.1						11.2	9.1
ENE	.4	2.1	6.0	5.0	.8	.3						14.6	10.3
E	.5	3.6	9.0	5.8	1.1	.2						20.3	9.9
ESE	.5	2.7	4.4	3.0	.5	.0	.0					11.2	9.1
SE	.7	1.7	3.1	1.5	.4	.1	.0					7.5	8.8
SSE	.7	1.6	2.1	1.4	.2			.0				6.1	8.5
S	.5	1.5	1.7	.9	.2	.0		.0				4.8	8.6
SSW	.5	1.1	1.1	.5	.3	.1						3.6	8.5
SW	.3	.5	1.4	1.0	.2	.0						3.3	9.5
WSW	.0	.4	.9	.5	.0							1.9	8.7
W	.2	.4	.6	.3	.0							1.5	8.2
WNW	.1	.7	.5	.0								1.3	6.0
NW	.3	.8	.5	.1								1.7	6.2
NNW	.3	.4	.5	.0								1.7	5.6
VARBL													
CALM												1.9	
	6.6	22.8	39.9	23.5	4.3	.9	.1	.1				100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 2197

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.0	1.1	.2								2.6	6.8
NNE	.5	1.4	1.7	.7	.2							4.5	7.7
NE	.6	3.3	5.4	2.2	.5	.2						12.3	8.8
ENE	.7	2.7	7.0	4.6	1.3	.2						16.5	10.0
E	.7	3.9	8.8	3.9	.6	.1						18.2	9.1
ESE	.9	2.7	4.5	2.3	.3	.1						10.2	8.8
SE	1.0	2.4	2.2	1.5	.2	.1						7.4	8.0
SSE	.9	1.2	1.5	1.3	.2							5.1	8.2
S	.3	1.1	2.3	1.0	.2	.7	.0					5.1	9.7
SSW	.3	1.1	1.2	1.1	.3	.1						4.2	9.3
SW	.5	1.2	1.3	.9		.0						4.0	8.1
WSW	.1	.5	.5	.3	.1							1.5	8.8
W	.0	.4	.8	.4	.1							1.8	9.2
WNW	.3	.4	.4	.2								1.3	6.5
NW	.1	.8	.5	.1	.1							1.9	7.0
NNW	.2	.7	.5	.1								1.5	6.6
VARBL													
CALM												2.3	
	7.4	24.3	39.6	20.8	4.4	1.3	.0					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 2197

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.0	.9	.3								2.5	6.7
NNE	.6	1.9	2.4	.5	.1	.0						5.6	7.2
NE	1.0	3.6	4.9	2.4	.5	.1						12.6	8.5
ENE	.6	4.0	8.3	4.9	1.1	.1	.0					19.0	9.6
E	1.0	4.0	7.7	4.3	1.0	.2	.1					18.3	9.3
ESE	.9	2.0	3.8	1.4	.4	.1						8.6	8.6
SE	.5	1.5	2.2	1.1	.4							5.6	8.6
SSE	.4	1.1	1.0	.8	.3	.0						3.6	8.8
S	.4	1.5	2.0	1.2	.2	.0						5.3	8.8
SSW	.3	.5	.9	.8	.2	.1						2.9	9.9
SW	.3	.7	1.5	.7	.1							3.2	8.6
WSW	.3	.5	.5	.5	.1	.0						2.0	9.1
W	.4	.6	.7	.3		.0						2.0	7.7
WNW	.2	.5	.8	.2								1.7	7.0
NW	.0	.4	.4	.1								.9	7.5
NNW	.3	.5	.6									1.5	6.0
VARBL													
CALM												4.8	
	7.6	24.3	38.6	19.4	4.5	.9	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2197

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.2	.7	.0								2.5	5.6
NNE	.5	2.1	2.0	1.0	.0							5.6	7.6
NE	.7	3.1	5.6	3.0	.4	.2	.0					12.9	9.0
ENE	1.1	3.3	8.7	5.1	.7	.4						19.2	9.5
E	1.2	3.5	6.7	4.7	1.4	.1						17.6	9.6
ESE	.5	1.9	3.8	2.7	.3	.0	.0	.1				9.4	9.6
SE	.8	1.8	2.4	1.5	.2	.0						6.6	8.2
SSE	.6	.8	1.4	.7	.2	.1						3.9	9.1
S	.5	.8	1.5	.7	.2							3.6	8.5
SSW	.3	.7	1.2	1.0	.0							3.2	9.0
SW	.1	.9	1.0	.3	.1							2.5	8.0
WSW	.5	.5	.5	.3	.1							1.9	7.6
W	.4	.8	.6	.5								2.2	7.2
WNW	.1	.5	.3	.0	.0							1.0	6.6
NW	.1	.3	.5	.0								.9	6.8
NNW	.2	.3	.5	.2	.0							1.2	7.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	5.7	
	8.1	22.4	37.3	21.0	3.8	.9	.1	.1				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 2198

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (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	.2	.2	.0								.7	5.9
NNE	.1	.6	1.3	.8	.2	.1						3.2	9.8
NE	.7	2.2	5.4	6.8	1.8	.5	.0					17.1	11.2
ENE	.5	3.9	12.2	15.5	3.6	.8	.0					36.6	11.5
E	.5	2.6	7.5	7.0	2.8	.8	.1					21.3	11.8
ESE	.2	1.1	2.8	2.3	.6	.4						7.4	11.0
SE	.3	.9	1.7	1.4	.2	.0						4.6	9.4
SSE	.2	.4	1.1	1.2	.0							2.9	10.0
S	.2	.4	.2	.4	.1							1.2	8.8
SSW	.0	.1	.2	.1	.2							.7	11.0
SW	.0	.1	.1	.2								.4	8.7
WSW		.1		.1								.2	7.8
W		.1	.2	.0								.4	8.0
WNW	.1	.0	.1									.2	5.2
NW	.2	.2	.0	.1								.6	9.9
NNW	.0	.1	.2	.1								.4	8.2
VARBL													
CALM												2.1	
	3.5	13.0	33.3	36.1	9.2	2.7	.2					100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 2129

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

0300-0500 (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	.3	.1								.9	6.3
NNE	.4	.8	1.4	.9	.2	.0		.0				3.8	9.4
NE	.7	2.7	5.2	7.3	2.0	.5						18.3	11.4
ENE	.6	3.3	11.3	14.6	3.9	.6	.1					34.5	11.7
E	.7	2.3	6.9	7.0	3.0	.6	.1					20.7	11.7
ESE	.3	1.5	2.8	3.1	.6	.2						8.5	10.6
SE	.2	1.0	1.7	1.3	.2	.1						4.6	9.6
SSE	.1	.5	.8	.8	.3							2.5	10.3
S	.1	.5	.4	.3								1.3	7.6
SSW	.1	.3	.2	.3	.1							1.0	9.7
SW	.0		.1	.1								.3	9.9
WSW		.2	.0									.3	5.3
W	.0	.0	.1									.2	6.5
WNW		.1										.1	5.0
NW	.0	.2	.1	.1								.5	7.3
NNW	.1	.0	.0									.2	3.6
VARBL													
CALM												2.4	
	3.7	13.8	31.5	36.1	10.3	1.9	.2	.0				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 2130

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/ROI-NAMUR (STATION NAME) 44-72 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.3	.1	.0								.8	4.4
NNE	.2	1.0	1.3	.9	.2			.0				3.7	9.4
NE	.3	2.3	5.7	7.4	2.6	.5	.1					18.9	12.0
ENE	.3	3.2	10.9	15.5	3.6	1.1	.1					34.8	11.9
E	.5	2.6	7.2	7.2	2.9	1.2						21.6	11.9
ESE	.2	.9	3.2	2.4	.6	.1						7.5	10.6
SE	.1	.8	1.0	1.3	.4	.1	.0					3.8	10.9
SSE	.1	.5	1.0	.8	.2							2.6	9.7
S	.2	.3	.4	.2	.3	.0						1.5	10.2
SSW	.0	.2	.3	.1	.1	.0						.9	10.2
SW	.0	.1	.2	.1								.5	7.6
WSW	.0		.0									.1	5.0
W	.0	.2	.1	.0	.0							.4	8.0
WNW		.1	.0									.1	6.3
NW		.0	.2									.2	8.6
NNW	.1	.3	.0	.0								.5	5.2
VARBL													
CALM												2.2	
	2.6	13.0	31.6	36.2	11.1	3.1	.2	.0				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 2130

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.8	.3	.2	.0							1.5	6.9
NNE	.1	.9	1.1	1.0	.2							3.4	9.5
NE	.1	1.6	4.7	7.0	2.4	.5						16.4	12.3
ENE	.2	2.0	9.6	17.7	3.9	.8	.1					34.3	12.5
E	.3	1.7	7.5	9.4	2.6	.9	.1	.0				22.7	12.2
ESE	.2	1.1	3.9	3.6	.7	.2	.0					9.8	10.8
SE	.1	.6	1.8	1.2	.2	.1	.1					4.1	10.8
SSE	.2	.6	.7	.8	.3							2.5	10.0
S	.2	.1	.5	.3	.3	.0						1.6	10.9
SSW		.1	.2	.2	.1	.0						.7	12.7
SW	.1	.1	.1	.1		.0						.6	8.8
WSW	.1	.1	.0									.3	4.3
W	.1	.0	.1	.1								.4	8.1
WNW		.0	.2									.2	8.0
NW	.1		.1									.2	5.5
NNW	.2	.1	.0	.0								.4	4.9
VARBL													
CALM												1.1	
	2.3	10.0	30.9	41.7	10.9	2.8	.4	.0				100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 2129

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHIKLZ (STATION NAME) 44-72 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1200-2400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.2	.4	.1	.0		.0					.9	9.7
NNE	.2	1.0	1.4	1.1	.3							4.0	9.7
NE	.1	1.8	4.6	7.2	1.8	.4						15.9	11.9
ENE	.2	2.1	8.7	16.6	4.4	.7		.0				32.7	12.5
E	.3	2.3	7.3	10.2	2.5	.7	.1					23.4	11.9
ESE	.2	1.3	4.3	3.4	.8	.4	.0					10.4	10.9
SE	.2	.5	2.2	1.4	.5	.2						5.0	10.7
SSE	.0	.8	1.1	.7		.1						2.7	9.2
S	.3	.4	.5	.3	.0	.0						1.5	8.3
SSW	.1	.3	.2	.2	.0							.8	8.4
SW	.0	.1	.3	.0		.1						.6	9.8
WSW		.1	.1	.1								.3	9.8
W		.0	.0									.1	7.5
WNW	.0	.1	.1									.2	6.6
NW		.2	.0	.0								.3	6.7
NNW	.0	.2	.1									.4	6.2
VARBL													
CALM												.6	
	1.9	11.4	31.4	41.4	10.4	2.6	.2	.0				100.0	11.5

TOTAL NUMBER OF OBSERVATIONS 2130

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604	KWAJALEIN MARSHALL IS/BUCHOLZ	44-72	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.2	.3	.1	.1							.8	9.5
NNE	.0	.9	1.4	1.1	.2							3.7	9.7
NE	.2	1.3	6.2	8.0	2.0	.4	.1					18.1	12.0
ENE	.2	2.3	9.8	14.8	3.1	.8	.1					31.1	12.1
E	.3	2.5	8.4	9.0	2.2	.9	.1					23.2	11.6
ESE	.3	1.3	3.3	3.1	1.2							9.4	10.8
SE	.4	.8	1.8	1.0	.5	.0						4.6	9.6
SSE	.1	.6	.8	.8	.2	.1						2.7	10.0
S	.2	.6	.6	.4	.1							1.9	8.4
SSW		.7	.6	.2	.0							1.1	9.6
SW	.0	.1	.3		.0							.5	8.0
WSW		.0	.1									.1	7.3
W	.0	.1	.0	.0								.2	6.0
WNW	.0	.1	.1	.0								.3	7.5
NW	.0		.3		.1							.5	9.6
NNW			.1	.1	.0							.3	11.7
VARBL													
CALM												1.4	
	2.3	10.9	34.2	38.9	9.9	2.2	.3					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 2130

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHLZ (STATION NAME) 44-72 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	.3	.1								.6	9.3
NNE	.1	.5	1.4	1.3	.3							3.6	10.1
NE	.3	2.7	5.0	7.5	2.4	.3						17.7	11.7
ENE	.3	2.7	10.4	16.7	3.5	.7	.0					34.4	12.0
E	.6	2.5	7.7	8.0	2.1	.7	.0					21.5	11.3
ESE	.1	1.4	2.7	3.5	1.0	.2						8.8	11.4
SE	.3	1.0	1.5	.6	.4	.1						3.8	9.2
SSE	.1	.3	1.3	.7	.3	.0						2.8	10.4
S	.1	.7	.7	.3	.2							2.0	8.8
SSW	.1	.2	.7	.1	.0							1.1	8.9
SW	.3	.3	.0	.1	.0							.9	6.5
WSW	.1	.0		.0								.2	5.2
W				.1								.1	12.0
WNW	.0	.1	.0									.2	4.4
NW	.0	.1	.1		.0							.3	7.8
NNW	.1	.1	.3		.0							.5	7.8
VARBL													
CALM												1.5	
	2.7	12.2	32.1	39.1	10.2	2.1	.1					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 2129

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHOLZ (STATION NAME) 44-72 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.3	.2	.2								.7	8.0
NNE	.1	.8	1.2	1.0	.1	.0						3.2	9.3
NE	.2	1.5	5.2	6.8	1.8	.3	.1					16.0	11.9
ENE	.5	3.2	11.3	17.5	4.4	1.1	.0					38.0	12.0
E	.9	2.7	6.3	7.5	3.6	.9						21.9	11.9
ESE	.1	1.6	3.0	2.3	.4	.1	.0					7.7	10.1
SE	.2	.9	1.1	1.3	.2							3.7	9.3
SSE	.1	.3	1.0	.8	.3							2.5	10.9
S	.0	.6	.5	.4	.2	.1						1.8	10.4
SSW	.1	.1	.2	.2	.0							.7	9.5
SW	.1	.4	.3	.1		.0						.9	8.1
WSW	.0	.0	.0									.1	5.7
W		.0		.0								.1	8.5
WNW	.1											.1	2.0
NW	.0		.1									.2	6.8
NNW	.0	.1	.3	.1								.5	7.6
VARBL													
CALM												1.9	
	2.7	12.6	30.7	38.1	11.1	2.6	.2					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 2130

USAFETAC FORM JUL 64 0-8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.4	.1	.1	.1							.8	8.8
NNE	.1	.4	1.3	1.4	.9	.2						4.3	12.1
NE	.1	.7	4.1	10.0	4.0	1.9	.2					21.1	14.4
ENE	.1	1.2	6.1	25.6	13.9	3.5	.2					50.2	15.1
E	.2	.5	3.1	7.5	4.2	.9						16.4	14.2
ESE	.0	.3	1.1	1.5	.5	.3	.1					3.7	13.3
SE	.0	.1	.2	.5	.0	.1						1.0	12.1
SSE				.2	.0							.2	15.4
S		.0	.1	.1								.3	11.0
SSW	.0	.0										.1	3.5
SW		.0										.0	6.0
WSW				.0								.0	14.0
W	.0	.1		.0								.2	6.0
WNW													
NW		.0	.2	.0								.3	8.6
NNW		.0	.0	.0								.1	8.0
VARBL													
CALM												.5	
	.9	4.0	16.6	47.6	23.1	6.9	.5					100.0	14.4

TOTAL NUMBER OF OBSERVATIONS 2200

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHLZ (STATION NAME) 44-72 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.2	.3	.2								.7	8.4
NNE	.1	.7	1.2	1.7	.6	.4						4.7	12.2
NE	.1	.7	3.5	11.0	5.5	1.6	.3					22.8	14.7
ENE	.1	.9	6.9	24.6	12.9	3.6	.1	.0				49.2	15.0
E	.1	.8	3.0	7.2	4.1	1.3	.0					16.6	14.2
ESE		.3	1.4	1.0	.4	.3						3.4	12.3
SE	.0	.1	.3	.4	.1	.1	.0	.0				1.0	14.1
SSE		.0	.1	.2								.4	11.1
S				.1								.1	12.5
SSW													
SW													
WSW													
W	.0	.1	.1									.2	5.0
WNW		.1	.0	.0		.0						.2	11.8
NW		.0	.1									.2	7.0
NNW				.0								.0	12.0
VARBL													
CALM												.9	
	.6	4.0	16.9	46.4	23.6	7.4	.5	.1				100.0	14.4

TOTAL NUMBER OF OBSERVATIONS 2201

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 0600-0000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.1	.5	.1								.7	8.5
NNE	.0	.5	1.0	1.2	.7	.2						3.7	12.6
NE	.2	.8	3.2	11.5	6.3	2.4	.3					24.6	15.2
ENE	.1	.5	6.1	25.3	12.3	3.0	.1					47.3	15.0
E	.1	.6	3.0	7.4	5.5	1.0	.0					17.6	14.7
ESE		.4	1.0	1.1	.6	.2						3.3	12.7
SE	.0	.0	.3	.4	.1	.3						1.2	14.8
SSE		.0	.2	.1			.0					.4	11.8
S			.0			.0						.1	15.0
SSW													
SW													
WSW			.0									.0	8.0
W		.0	.0									.1	7.0
WNW		.0	.1									.2	7.5
NW		.1	.0		.0							.2	9.0
NNW		.0	.1									.1	6.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	.9	
	.5	3.1	15.7	47.2	25.4	7.0	.5					100.0	14.7

TOTAL NUMBER OF OBSERVATIONS 2201

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHLZ (STATION NAME) 44-72 (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	.0	.1	.1	.1	.1							.4	9.1
NNE	.1	.1	1.1	2.0	.5	.2						4.0	12.9
NE	.1	.5	3.0	10.5	7.0	2.3	.4	.0				23.9	15.6
ENE		.3	5.2	23.2	15.2	2.9		.0				46.8	15.5
E	.1	.6	2.9	7.5	5.0	1.4	.1					17.5	15.0
ESE	.0	.2	.8	1.9	1.0	.0	.0					4.0	13.5
SE			.3	.5	.5	.1						1.3	15.2
SSE		.2	.4	.2				.0				.8	10.4
S	.0	.0				.0	.1					.2	18.6
SSW					.0							.0	17.0
SW		.0										.0	6.0
WSW													
W	.0	.1	.0									.2	4.8
WNW				.0								.0	12.0
NW			.1									.1	8.5
NNW	.0	.0	.0	.1	.0							.3	9.8
VARBL													
CALM												.5	
	.3	2.3	13.8	45.9	29.3	7.0	.7	.1				100.0	15.1

TOTAL NUMBER OF OBSERVATIONS 2201

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.2	.3	.1	.0	.0						.8	9.4
NNE	.0	.2	.7	1.8	.6	.1	.0					3.6	13.4
NE	.0	.5	3.9	11.7	6.0	1.7	.5					24.4	14.9
ENE	.0	.4	5.1	23.5	12.7	3.5	.0					45.3	15.4
E	.0	.2	3.1	9.0	5.8	1.5	.2					19.9	15.3
ESE	.0	.2	.9	1.5	.5	.0						3.1	12.1
SE	.0	.0	.4	.4	.1							.9	11.7
SSE	.1	.1		.3	.0							.6	10.1
S			.1	.0	.0	.1						.3	16.5
SSW			.0	.1	.0	.0						.3	15.3
SW													
WSW													
W	.1	.1										.2	4.0
WNW		.0	.0									.1	8.0
NW		.0		.1								.1	11.3
NNW	.0	.0	.0	.1	.0							.3	9.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	.3	
	.6	2.1	14.7	48.8	25.9	7.0	.7					100.0	14.9

TOTAL NUMBER OF OBSERVATIONS 2201

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

1800-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.1	.1	.2	.1							.7	11.0
NNE		.3	1.4	1.8	.6	.0						4.0	12.0
NE	.1	.6	4.4	12.3	5.9	1.5	.2	.0				25.1	14.6
ENE	.1	.4	5.4	23.4	12.7	3.4	.1					45.5	15.2
E	.0	.6	2.7	8.5	3.0	1.1						18.0	14.7
ESE		.5	1.0	1.1	.5	.3	.0					3.4	12.5
SE		.1	.4	.5		.0						1.0	11.3
SSE		.1	.2	.3		.0						.6	10.7
S			.2	.0	.1	.0						.4	13.8
SSW			.0	.1								.2	11.0
SW		.0										.0	5.0
WSW		.0										.0	4.0
W													
WNW	.0	.1	.1									.2	6.0
NW		.1										.1	5.5
NNW		.0		.2								.2	12.4
VARBL													
CALM												.4	
	.4	3.0	15.9	48.5	24.9	6.5	.4	.0				100.0	14.5

TOTAL NUMBER OF OBSERVATIONS 2200

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.1	.4	.3	.1							.9	10.7
NNE		.4	1.4	1.6	.2	.1						3.7	11.5
NE	.1	.7	4.0	11.3	5.6	1.5	.4					23.6	14.7
ENE	.0	1.0	6.5	24.5	13.5	3.7	.1					49.4	15.0
E	.2	.5	2.3	6.5	4.9	1.0	.1					15.2	15.0
ESE		.2	1.0	1.9	.5	.1						3.6	13.2
SE		.0	.5	.3	.2							1.0	12.3
SSE		.1	.5	.1	.0							.9	10.0
S		.0		.1	.1							.3	13.5
SSW	.0			.1								.1	11.7
SW													
WSW		.1	.0	.0								.2	7.5
W													
WNW		.1										.1	4.5
NW	.2		.1	.0								.4	6.6
NNW	.0	.0	.1	.1								.3	8.3
VARBL													
CALM												.9	
	.6	3.3	16.4	47.0	25.0	6.5	.6					100.0	14.5

TOTAL NUMBER OF OBSERVATIONS 2200

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/RUDOLPH (STATION NAME) 44-72 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.0	.3	.7								.6	9.2
NNE	.1	.5	1.3	1.4	.5	.0						3.9	11.5
NE	.3	.5	4.6	10.7	4.9	1.6	.4					23.0	14.5
ENE	.0	.9	6.1	24.8	13.7	4.1	.1					49.8	15.2
E		.5	2.5	6.6	4.5	1.3						15.4	14.9
ESE		.3	1.4	1.9	.6	.3	.0					4.5	12.8
SE	.0	.1	.3	.3	.2	.0						.9	12.3
SSE		.1	.1	.1	.1							.4	12.6
S			.2	.0	.1							.3	11.9
SSW		.1	.0	.0	.1							.3	12.0
SW	.1		.0									.1	4.0
WSW													
W	.0	.0										.1	4.5
WNW													
NW			.2	.0								.3	9.2
NNW	.0		.1	.1								.2	10.2
VARBL													
CALM												.2	
	.7	3.1	17.1	46.3	24.6	7.4	.3					100.0	14.6

TOTAL NUMBER OF OBSERVATIONS 2200

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHMLZ (STATION NAME) 44-72 (YEARS) ALL (MONTH)

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

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.5	.4	.3	.1	.0	.0	.0				1.8	8.8
NNE	.1	.4	.8	.9	.2	.1	.0					2.6	11.2
NE	.2	.7	2.0	3.5	2.4	1.0	.2	.0				9.9	14.5
ENE	.3	1.0	3.6	7.9	6.7	3.4	.5	.1				23.5	15.8
E	.4	1.4	3.5	7.5	5.8	2.9	.5	.1				21.9	15.4
ESE	.2	.8	2.4	4.5	2.7	1.3	.1	.1				12.1	14.5
SE	.3	.6	1.5	2.3	1.3	.5	.1					6.7	13.3
SSE	.2	.5	1.1	2.0	.8	.2	.1	.0				5.0	12.8
S	.1	.7	1.2	1.5	.7	.3	.1	.0				4.5	12.3
SSW	.1	.3	.8	.8	.4	.1		.0				2.7	11.4
SW	.1	.5	.6	.5	.3	.1	.0					2.1	11.3
WSW	.1	.4	.5	.4	.1	.0						1.5	9.4
W	.2	.6	.6	.3	.2	.0						1.8	8.6
WNW	.1	.3	.2	.1	.0	.0						.7	8.0
NW	.0	.3	.3	.1	.0							.7	8.1
NNW	.1	.3	.4	.1	.1							.9	8.7
VARBL													
CALM												1.6	
	2.7	9.4	19.9	32.6	21.8	9.9	1.7	.4				100.0	13.8

TOTAL NUMBER OF OBSERVATIONS 6784

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a 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.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1500					91.0											92.6
≥ 1000																
≥ 900																
≥ 800																
≥ 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.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 20000	56.8	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 18000	56.9	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 16000	57.8	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
≥ 14000	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 12000	70.4	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
≥ 10000	76.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 9000	78.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 8000	79.5	80.7	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
≥ 7000	80.0	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 6000	80.3	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 5000	81.2	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4500	81.4	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	82.3	83.9	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3500	82.7	84.3	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3000	83.1	84.8	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2500	83.6	85.6	85.8	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	87.6	90.0	90.2	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800	89.9	92.9	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	91.8	95.7	96.1	96.4	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	92.8	97.3	97.9	98.1	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 1000	93.0	97.7	98.3	98.6	99.1	99.1	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	93.0	97.7	98.4	98.6	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 800	93.0	97.7	98.4	98.8	99.2	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 700	93.0	97.7	98.4	98.8	99.2	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	93.0	97.7	98.4	98.9	99.2	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	93.0	97.7	98.4	98.9	99.3	99.3	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	93.0	97.7	98.4	98.9	99.3	99.3	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	93.0	97.7	98.4	98.9	99.3	99.3	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	93.0	97.7	98.4	98.9	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	93.0	97.7	98.4	98.9	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	93.0	97.7	98.4	98.9	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 203438

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

60604 (STATION) KWAJALEIN MARSHALL IS/ROI NAMUR (STATION) 45-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.0	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 20000	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 18000	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
≥ 16000	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 14000	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 12000	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
≥ 10000	78.3	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
≥ 9000	79.4	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 7000	80.8	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 6000	81.2	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 5000	82.0	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500	82.9	83.1	83.1	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
≥ 4000	83.7	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3500	84.2	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3000	84.9	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2500	85.8	86.7	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2000	90.2	91.3	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1800	93.1	94.9	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	93.2	97.8	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	95.8	98.5	98.8	99.0	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	95.9	98.7	99.0	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	95.9	98.7	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	95.9	98.7	99.0	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	95.9	98.7	99.0	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	95.9	98.7	99.0	99.3	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	95.9	98.8	99.0	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	95.9	98.8	99.0	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	95.9	98.8	99.0	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	95.9	98.8	99.0	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	95.9	98.8	99.0	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	95.9	98.8	99.0	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 16858

USAF ETAC FORM AUG 64 0-14-5(011) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

35787

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (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	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 20000	68.6	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
≥ 18000	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 16000	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 14000	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 12000	76.4	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 10000	80.2	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 9000	81.1	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 8000	81.9	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
≥ 7000	82.4	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 6000	82.8	83.2	83.2	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 5000	83.9	84.4	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4500	84.2	84.7	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4000	85.2	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3500	85.9	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3000	86.1	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2500	86.7	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2000	91.7	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	93.6	95.1	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	96.1	98.1	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	96.6	98.5	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	96.7	99.1	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	96.7	99.1	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	96.7	99.1	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	96.7	99.1	99.4	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	96.7	99.1	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.7	99.1	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.7	99.1	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.7	99.1	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.7	99.1	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.7	99.1	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.7	99.1	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 15491

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

DATA PROCESSING FORMS

33792

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-46,49-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 20000	63.0	63.2	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
≥ 18000	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	63.6	63.6	63.6
≥ 16000	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 14000	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 12000	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 10000	76.4	76.9	77.3	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 9000	78.0	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 8000	79.4	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 7000	80.1	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 6000	80.7	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 5000	82.2	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
≥ 4500	82.6	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000	83.7	84.8	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3500	84.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3000	84.9	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
≥ 2500	85.7	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000	89.4	91.2	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
≥ 1800	91.3	93.4	93.7	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500	93.7	96.4	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	94.4	97.6	98.2	98.3	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	94.5	98.0	98.7	98.9	99.1	99.1	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	94.5	98.0	98.7	98.9	99.1	99.1	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	94.5	98.1	98.7	98.9	99.2	99.2	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	94.5	98.1	98.7	98.9	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	94.5	98.1	98.7	98.9	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	94.5	98.1	98.8	99.0	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	94.5	98.1	98.8	99.0	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	94.5	98.1	98.8	99.0	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	94.5	98.1	98.8	99.0	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	94.5	98.1	98.8	99.0	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
0	94.5	98.1	98.8	99.0	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 16042

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

60604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.4	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 20000	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 18000	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 16000	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 14000	60.4	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
≥ 12000	69.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 10000	75.8	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
≥ 9000	77.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 8000	78.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 7000	79.1	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000	79.5	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 5000	80.6	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
≥ 4500	80.8	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4000	81.9	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3500	82.3	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3000	82.7	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2500	83.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2000	89.1	91.9	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1800	90.4	93.8	93.9	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	92.1	96.3	96.5	96.7	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	93.0	97.7	98.0	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	93.2	98.1	98.5	98.9	99.2	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	93.2	98.1	98.5	99.0	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 800	93.2	98.1	98.6	99.0	99.3	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	93.2	98.2	98.6	99.0	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	93.2	98.2	98.6	99.0	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	93.2	98.2	98.6	99.0	99.4	99.4	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	93.2	98.2	98.6	99.0	99.4	99.4	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	93.2	98.2	98.6	99.0	99.4	99.4	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	93.2	98.2	98.6	99.0	99.4	99.4	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	93.2	98.2	98.6	99.0	99.4	99.4	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	93.2	98.2	98.6	99.0	99.4	99.4	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 16666

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHOLZ (STATION NAME) 44-72 (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 20000	68.7	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 18000	50.0	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	50.3
≥ 16000	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 14000	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 12000	66.0	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	72.1	73.0	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
≥ 9000	74.2	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
≥ 8000	75.4	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 7000	76.2	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 6000	76.6	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 5000	77.6	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 4500	77.9	79.5	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4000	78.9	80.7	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3500	79.6	81.1	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3000	79.8	81.7	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 2500	81.1	83.2	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2000	86.4	89.4	89.7	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1800	88.2	91.8	92.3	92.5	92.6	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	90.0	94.7	95.3	95.6	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	90.9	96.3	97.1	97.6	97.9	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	91.1	96.8	97.8	98.4	98.9	98.9	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	91.1	96.8	97.8	98.4	98.9	98.9	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	91.1	96.9	97.8	98.5	99.0	99.0	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 700	91.1	96.9	97.8	98.5	99.0	99.1	99.4	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	91.1	96.9	97.8	98.5	99.0	99.1	99.4	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	91.1	96.9	97.8	98.5	99.0	99.1	99.4	99.5	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	91.1	96.9	97.8	98.5	99.0	99.1	99.4	99.5	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	91.1	96.9	97.8	98.5	99.0	99.1	99.4	99.5	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	91.1	96.9	97.8	98.5	99.0	99.1	99.4	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	91.1	96.9	97.8	98.5	99.0	99.1	99.4	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
0	91.1	96.9	97.8	98.5	99.0	99.1	99.4	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 17575

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-45,47-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.9	38.5	38.5	38.5	38.5
≥ 20000	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.9	52.5	52.5	52.5	52.5
≥ 18000	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 16000	55.1	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 14000	59.4	59.6	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
≥ 12000	68.6	69.1	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 10000	75.1	75.8	75.9	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
≥ 9000	76.5	77.2	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 8000	78.0	78.8	79.0	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
≥ 7000	78.9	79.9	80.1	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 6000	79.2	80.3	80.5	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 5000	80.4	81.5	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
≥ 4500	80.9	81.8	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4000	81.6	82.9	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3500	82.1	83.6	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3000	82.6	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	84.6	84.6
≥ 2500	83.3	85.0	85.2	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2000	87.5	89.7	90.0	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800	89.3	92.0	92.3	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	91.1	94.5	95.0	95.4	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0
≥ 1200	92.6	96.6	97.5	98.0	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9
≥ 1000	92.9	97.2	97.9	98.3	99.0	99.0	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	92.9	97.2	97.9	98.5	99.0	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 800	92.8	97.2	98.0	98.5	99.1	99.1	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 700	92.8	97.2	98.0	98.5	99.1	99.2	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	92.8	97.2	98.0	98.6	99.1	99.2	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	92.8	97.2	98.0	98.6	99.1	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	92.8	97.2	98.0	98.6	99.1	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	92.8	97.2	98.0	98.6	99.1	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	92.8	97.2	98.0	98.6	99.1	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	92.8	97.2	98.0	98.6	99.1	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	92.8	97.2	98.0	98.6	99.1	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 16306

DATA PROCESSING FORMS
33782

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHOLZ (STATION NAME) 44-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 20000	53.9	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 18000	54.7	55.3	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 16000	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 14000	60.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 12000	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 10000	77.6	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 9000	79.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 8000	80.5	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 7000	80.8	82.1	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
≥ 6000	81.1	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 5000	81.7	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4500	81.8	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4000	82.7	84.2	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3500	82.9	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3000	83.4	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	83.9	85.6	85.7	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2000	87.8	90.0	90.2	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800	90.0	92.9	93.3	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8
≥ 1500	91.9	95.6	96.1	96.5	96.7	96.7	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0
≥ 1200	92.9	97.3	97.9	98.4	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 1000	93.0	97.5	98.2	98.3	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 900	93.0	97.5	98.2	98.3	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 800	93.0	97.6	98.3	98.5	99.2	99.2	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	93.0	97.6	98.4	98.9	99.2	99.2	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	93.0	97.6	98.4	98.9	99.2	99.2	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	93.0	97.6	98.4	98.9	99.2	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	93.0	97.6	98.4	98.9	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	93.0	97.6	98.4	98.9	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	100.0
≥ 200	93.0	97.6	98.4	98.9	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0
≥ 100	93.0	97.6	98.4	98.9	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0
0	93.0	97.6	98.4	98.9	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 17599

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.1	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 20000	54.1	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
≥ 18000	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 16000	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 14000	60.6	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 12000	71.0	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 10000	79.4	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 9000	80.3	81.3	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 8000	81.5	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 7000	81.8	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 6000	82.0	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 5000	82.0	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500	82.8	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4000	83.5	85.5	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500	83.6	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3000	83.8	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2500	84.4	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2000	87.2	90.0	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.9	90.9	90.5	90.5	90.5
≥ 1800	89.6	94.2	93.5	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500	91.3	95.8	96.3	96.6	96.8	96.9	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	92.3	97.2	98.0	98.4	98.7	98.7	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	92.4	97.6	98.3	98.7	99.1	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	92.4	97.6	98.3	98.8	99.1	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 800	92.4	97.7	98.4	98.8	99.3	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	92.4	97.7	98.4	98.8	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 600	92.4	97.7	98.4	98.8	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 500	92.4	97.7	98.4	98.9	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0
≥ 400	92.4	97.7	98.4	98.9	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0
≥ 300	92.4	97.7	98.4	98.9	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0
≥ 200	92.4	97.7	98.4	98.9	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0
≥ 100	92.4	97.7	98.4	98.9	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0
0	92.4	97.7	98.4	98.9	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 17601

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHILZ (STATION NAME) 44-72 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.2	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 20000	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 18000	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 16000	55.0	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 14000	59.6	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
≥ 12000	70.6	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 10000	77.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 9000	79.8	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 8000	81.1	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 7000	81.9	83.1	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 6000	81.8	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 5000	82.0	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500	82.8	84.7	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 4000	83.4	85.4	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500	83.6	85.7	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3000	83.9	86.0	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2500	84.4	86.6	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000	86.9	89.6	90.0	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800	89.3	92.7	93.1	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	91.0	94.1	95.7	96.0	96.2	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	92.1	97.1	97.8	98.1	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	92.2	97.4	98.2	98.7	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 900	92.2	97.5	98.3	98.7	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 800	92.3	97.5	98.3	98.8	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 700	92.3	97.5	98.3	98.8	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	92.3	97.5	98.3	98.8	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	92.3	97.5	98.3	98.8	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	92.3	97.5	98.3	98.8	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	92.3	97.5	98.3	98.8	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	92.3	97.5	98.3	98.8	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	92.3	97.5	98.3	98.8	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
0	92.3	97.5	98.3	98.8	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 17031

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 STATION — KWAJALEIN MARSHALL IS/DICHOLZ STATION NAME — 44-72 YEARS — OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 18000 ≥ 16000	50.1	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	50.3
	51.6	51.9	51.9	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 14000 ≥ 12000	56.6	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
	69.9	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 10000 ≥ 9000	77.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
	79.1	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 8000 ≥ 7000	80.6	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
	80.8	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 6000 ≥ 5000	80.9	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
	81.3	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4500 ≥ 4000	81.7	83.4	83.5	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
	82.4	84.2	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3500 ≥ 3000	82.8	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
	82.8	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500 ≥ 2000	83.3	85.5	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
	85.9	88.6	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1800 ≥ 1500	88.4	91.8	92.2	92.4	92.5	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
	90.4	94.0	95.4	95.8	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200 ≥ 1000	91.5	96.7	97.6	98.1	98.4	98.4	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
	91.6	97.1	98.1	98.6	99.0	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 900 ≥ 800	91.6	97.1	98.1	98.7	99.0	99.0	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
	91.6	97.1	98.1	98.7	99.1	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 700 ≥ 600	91.6	97.2	98.1	98.7	99.1	99.1	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
	91.6	97.2	98.1	98.7	99.1	99.1	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 500 ≥ 400	91.6	97.2	98.1	98.7	99.1	99.1	99.5	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0
	91.6	97.2	98.1	98.7	99.1	99.1	99.5	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300 ≥ 200	91.6	97.2	98.1	98.7	99.1	99.1	99.5	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0
	91.6	97.2	98.1	98.7	99.1	99.1	99.5	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100 0	91.6	97.2	98.1	98.7	99.1	99.1	99.5	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 17582

USAF ETAC FORM AM 54 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 20000	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
< 20000 ≥ 18000	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
< 18000 ≥ 16000	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
< 16000 ≥ 14000	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
< 14000 ≥ 12000	66.9	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	67.7
< 12000 ≥ 10000	73.9	75.1	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
< 10000 ≥ 9000	75.4	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
< 9000 ≥ 8000	77.6	79.5	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
< 8000 ≥ 7000	77.9	79.9	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
< 7000 ≥ 6000	78.1	80.1	80.3	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
< 6000 ≥ 5000	78.9	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
< 5000 ≥ 4500	79.1	81.1	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
< 4500 ≥ 4000	79.7	81.8	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
< 4000 ≥ 3500	79.9	82.1	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
< 3500 ≥ 3000	80.2	82.4	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
< 3000 ≥ 2500	80.8	83.2	83.6	83.6	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
< 2500 ≥ 2000	83.9	87.0	87.4	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
< 2000 ≥ 1800	86.9	90.4	90.9	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
< 1800 ≥ 1500	88.8	94.0	94.7	95.0	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5
< 1500 ≥ 1200	90.0	96.3	97.2	97.6	98.0	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
< 1200 ≥ 1000	90.3	96.8	97.8	98.2	98.7	98.7	99.0	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
< 1000 ≥ 900	90.3	96.8	97.8	98.2	98.7	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
< 900 ≥ 800	90.3	96.9	97.9	98.4	98.9	98.9	99.2	99.3	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6
< 800 ≥ 700	90.3	96.9	97.9	98.4	98.9	99.0	99.2	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6
< 700 ≥ 600	90.3	96.9	97.9	98.4	98.9	99.0	99.3	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7
< 600 ≥ 500	90.3	96.9	97.9	98.4	98.9	99.0	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
< 500 ≥ 400	90.3	96.9	97.9	98.4	99.0	99.0	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
< 400 ≥ 300	90.3	96.9	97.9	98.4	99.0	99.0	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
< 300 ≥ 200	90.3	96.9	97.9	98.4	99.0	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0
< 200 ≥ 100	90.3	96.9	97.9	98.4	99.0	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0
< 100 ≥ 0	90.3	96.9	97.9	98.4	99.0	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 17040

DATA PROCESSING FORMS 33782

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) | *MAJALTIN MARSHALL IS/BUCHOLZ (STATION NAME) | 44-72 (YEARS) | DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.6	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 20000	59.4	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
≥ 18000	59.8	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	60.3
≥ 16000	60.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 14000	62.8	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 12000	71.0	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 10000	76.9	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
≥ 9000	78.3	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 8000	79.4	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 7000	79.7	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 6000	80.0	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 5000	80.8	82.7	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4500	81.0	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	81.8	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3500	82.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5
≥ 3000	82.6	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2500	83.3	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2000	86.1	88.8	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1800	89.5	92.6	93.0	93.2	93.3	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	91.1	95.5	95.9	96.1	96.3	96.3	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	92.2	97.4	97.9	98.2	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 1000	92.3	97.8	98.4	98.8	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 900	92.4	97.9	98.4	98.8	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 800	92.4	97.9	98.5	98.8	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	92.4	97.9	98.5	98.8	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	92.4	97.9	98.5	98.8	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	92.4	97.9	98.5	98.9	99.3	99.3	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	92.4	97.9	98.5	98.9	99.3	99.3	99.6	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	92.4	97.9	98.5	98.9	99.3	99.3	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	92.4	97.9	98.5	98.9	99.3	99.3	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	92.4	97.9	98.5	98.9	99.3	99.3	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	92.4	97.9	98.5	98.9	99.3	99.3	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 17605

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BIJOHILZ (STATION NAME) 45-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	58.2	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 20000	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 18000	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 16000	68.8	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	69.2
≥ 14000	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 12000	76.9	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
≥ 10000	80.4	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 9000	81.2	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 8000	82.2	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 7000	82.5	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	82.9	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 5000	83.2	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4500	83.4	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
≥ 4000	84.7	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3500	85.2	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3000	86.1	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
≥ 2500	86.8	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2000	90.9	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1800	93.9	95.4	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
≥ 1500	96.0	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	96.3	98.8	99.2	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
≥ 1000	96.4	99.1	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	96.4	99.1	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	96.4	99.1	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	96.4	99.1	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	96.4	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.4	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.4	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.4	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.4	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.4	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.4	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2107

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 STATION | KWAJALEIN MARSHALL IS/BUCHOLZ STATION NAME | 45-72 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0900 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	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 20000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 18000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 16000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 14000	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 12000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 10000	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 9000	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 8000	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 7000	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 6000	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4500	80.9	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4000	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3500	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3000	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 2500	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2000	89.7	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1800	93.6	93.6	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	97.5	97.7	97.7	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	98.6	98.6	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	99.0	99.0	99.2	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
≥ 900	99.0	99.0	99.2	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
≥ 800	99.0	99.0	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.0	99.0	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.0	99.0	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.0	99.0	99.2	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.0	99.0	99.2	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.0	99.0	99.2	99.5	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	99.0	99.2	99.5	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	99.0	99.2	99.5	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	99.0	99.2	99.5	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 2108

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 45-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0800 (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	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 18000	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 16000	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	61.3
≥ 14000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 12000	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 10000	73.9	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 9000	75.3	75.9	75.9	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
≥ 8000	77.0	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 7000	77.7	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000	78.0	78.9	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 5000	79.0	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	79.3	80.2	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 4000	81.2	82.2	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3500	81.8	82.8	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3000	82.5	83.7	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2500	83.6	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	88.0	89.6	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1800	92.3	94.3	94.4	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	94.8	97.3	97.7	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	95.0	98.6	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	95.7	98.6	99.0	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
≥ 900	95.7	98.6	99.0	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
≥ 800	95.7	98.6	99.0	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
≥ 700	95.7	98.7	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	95.7	98.7	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	95.8	98.8	99.2	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.8	98.8	99.2	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
≥ 300	95.8	98.8	99.2	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
≥ 200	95.8	98.8	99.2	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.8	98.8	99.2	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.8	98.8	99.2	99.7	99.8	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 2108

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

DATA PROCESSING COPIES

35787

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 45-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IVV 18000	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IVV 16000	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IVV 14000	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IVV 12000	72.6	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IVV 10000	78.8	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
IVV 9000	79.9	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IVV 8000	81.2	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IVV 7000	81.9	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IVV 6000	82.2	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IVV 5000	83.3	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IVV 4500	83.4	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IVV 4000	85.1	85.7	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IVV 3500	85.4	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IVV 3000	86.1	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IVV 2500	87.0	88.0	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IVV 2000	90.7	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IVV 1800	93.4	95.0	95.2	95.2	95.4	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IVV 1500	95.4	97.6	97.8	98.0	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IVV 1200	95.7	98.1	98.4	98.6	99.1	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVV 1000	95.7	98.2	98.5	98.8	99.2	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IVV 900	95.7	98.2	98.5	98.8	99.3	99.4	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IVV 800	95.7	98.3	98.6	98.9	99.3	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVV 700	95.7	98.3	98.6	98.9	99.3	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVV 600	95.7	98.3	98.6	98.9	99.3	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IVV 500	95.7	98.3	98.6	98.9	99.3	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IVV 400	95.7	98.3	98.6	98.9	99.3	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IVV 300	95.7	98.3	98.6	98.9	99.3	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IVV 200	95.7	98.3	98.6	98.9	99.3	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IVV 100	95.7	98.3	98.6	98.9	99.3	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IVV 0	95.7	98.3	98.6	98.9	99.3	99.4	99.6	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2108

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

DATA PROCESSING FORMS

35782

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

60604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 45-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 20000	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
≥ 18000	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 16000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 14000	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
≥ 12000	73.8	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 10000	79.6	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 9000	80.3	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 8000	81.6	82.2	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 7000	82.3	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	82.6	83.3	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 5000	83.4	84.1	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4500	83.6	84.3	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4000	84.3	85.0	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	84.5	85.2	85.3	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
≥ 3000	85.1	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2500	86.2	87.0	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000	90.6	91.4	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1800	93.0	94.0	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500	95.3	97.5	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	95.7	98.1	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	95.7	98.2	98.9	99.1	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 900	95.7	98.2	98.9	99.1	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 800	95.7	98.2	99.0	99.1	99.3	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	95.7	98.2	99.0	99.1	99.3	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	95.7	98.2	99.0	99.1	99.3	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	95.7	98.2	99.0	99.1	99.3	99.3	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	95.7	98.2	99.0	99.1	99.3	99.3	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	95.7	98.2	99.0	99.1	99.3	99.3	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	95.7	98.2	99.0	99.1	99.3	99.3	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	95.7	98.2	99.0	99.1	99.3	99.3	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
0	95.7	98.2	99.0	99.1	99.3	99.3	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2107

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 45-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 20000	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
≥ 18000	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 16000	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 14000	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 12000	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 10000	76.5	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
≥ 9000	77.8	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 8000	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 7000	78.3	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 6000	78.8	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 5000	80.2	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4500	80.7	81.5	81.5	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4000	81.9	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3500	82.5	83.4	83.4	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
≥ 3000	83.4	84.3	84.3	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2500	84.3	85.3	85.3	85.4	85.4	85.4	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2000	90.7	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1800	92.9	94.5	94.6	94.7	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1500	95.2	97.5	97.7	97.9	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	95.9	98.5	98.7	98.9	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	96.0	98.6	98.8	99.1	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	96.0	98.6	98.8	99.1	99.3	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	96.0	98.6	98.9	99.1	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 700	96.0	98.6	98.9	99.1	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 600	96.0	98.6	98.9	99.1	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 500	96.0	98.6	98.9	99.1	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	96.0	98.6	98.9	99.1	99.3	99.3	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	96.0	98.6	98.9	99.1	99.3	99.3	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	96.0	98.6	98.9	99.1	99.3	99.3	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	96.0	98.6	98.9	99.1	99.3	99.3	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	96.0	98.6	98.9	99.1	99.3	99.3	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2107

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 68-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 18000	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 16000	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
≥ 14000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 12000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 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
≥ 9000	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 8000	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 7000	81.4	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	81.9	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
≥ 5000	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4500	83.3	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
≥ 4000	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3500	85.4	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
≥ 3000	85.8	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2500	86.7	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000	91.4	92.5	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800	93.9	95.4	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	95.6
≥ 1500	95.8	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	96.4	98.9	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 1000	96.5	99.1	99.1	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	96.5	99.1	99.1	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	96.5	99.1	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	96.5	99.1	99.2	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	96.5	99.1	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	96.5	99.1	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	96.5	99.1	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	96.5	99.1	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	96.5	99.1	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	96.5	99.1	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	96.5	99.1	99.2	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2106

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

DATA PROCESSING FORMS

35782

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHOLZ (STATION NAME) 45-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	0
NO CEILING	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	58.4	58.4	58.4
≥ 20000	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 18000	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
≥ 16000	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 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	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
≥ 7000	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 6000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 5000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4500	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
≥ 4000	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
≥ 3500	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	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2500	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
≥ 2000	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	94.4	95.7	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	95.6	97.5	97.8	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	96.1	98.4	98.6	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	96.2	98.8	99.1	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	96.2	98.8	99.1	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	96.2	98.8	99.1	99.3	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	96.2	98.8	99.1	99.3	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	96.2	98.8	99.1	99.3	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	96.2	98.8	99.1	99.3	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.2	98.8	99.1	99.3	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.2	98.8	99.1	99.3	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.2	98.8	99.1	99.3	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.2	98.8	99.1	99.3	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.2	98.8	99.1	99.3	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2107

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

91604 STATION | KWAJALEIN MARSHALL IS/BUCHOLZ STATION NAME | 44-72 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	63.2	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
≥ 20000	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 18000	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 16000	72.2	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
≥ 14000	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 12000	79.5	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
≥ 10000	82.1	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
≥ 9000	82.9	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 8000	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 7000	84.1	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 6000	84.2	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
≥ 5000	85.2	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 4500	85.3	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
≥ 4000	86.6	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
≥ 3500	86.9	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3000	87.3	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2500	88.0	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	92.7	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
≥ 1800	94.7	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	98.8	98.7	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	97.6	99.4	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
≥ 1000	97.3	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	97.3	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	97.3	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	97.3	99.5	99.7	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
≥ 600	97.3	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.3	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.3	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.3	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.3	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.3	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	97.3	99.5	99.7	99.7	99.8	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 1942

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-0500 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 20000	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 18000	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 16000	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 14000	72.7	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
≥ 12000	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
≥ 10000	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 9000	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 8000	81.2	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
≥ 7000	81.4	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 6000	81.7	82.3	82.3	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 5000	82.5	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4500	82.7	83.4	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	83.6
≥ 4000	83.6	84.4	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3500	84.1	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3000	84.4	85.2	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2500	85.2	86.0	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2000	90.7	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1800	92.9	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1500	95.8	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	96.0	99.0	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	96.1	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	96.1	99.3	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
≥ 800	96.1	99.3	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
≥ 700	96.1	99.3	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
≥ 600	96.1	99.3	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
≥ 500	96.1	99.3	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.1	99.3	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.1	99.3	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.1	99.3	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.1	99.3	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.1	99.3	99.6	99.8	99.8	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 1932

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

DATA PROCESSING FORMS

35747

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHIKA (STATION NAME) 44-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 20000	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 18000	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 16000	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 14000	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 12000	71.3	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 10000	75.8	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 9000	76.4	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 8000	77.1	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
≥ 7000	77.5	78.1	78.1	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
≥ 6000	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 5000	79.2	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
≥ 4500	79.8	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4000	81.2	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
≥ 3500	81.5	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
≥ 3000	82.3	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	83.2	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2
≥ 2000	89.5	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9
≥ 1800	92.5	94.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 1500	96.0	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 1200	96.4	99.1	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 1000	96.5	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 900	96.5	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	96.5	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	96.5	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	96.5	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	96.5	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	96.5	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	96.5	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	96.5	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	96.5	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
0	96.5	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1942

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

60604 (STATION) KWAJALEIN MARSHALL IS/RUCHDLZ (STATION NAME) 44-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	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	53.8
≥ 20000	67.5	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 18000	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 16000	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 14000	70.1	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
≥ 12000	74.1	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 10000	79.3	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 9000	80.4	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 8000	81.5	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 7000	82.1	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 6000	82.5	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000	83.5	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4500	83.9	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4000	85.4	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3500	85.6	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3000	86.0	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2500	86.9	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2000	91.5	92.4	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1800	93.3	94.6	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1500	95.1	97.2	97.6	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 1200	95.7	98.1	98.6	98.8	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	95.8	98.3	98.8	99.0	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 900	95.8	98.3	98.8	99.0	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 800	95.8	98.3	98.8	99.0	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	95.8	98.3	98.8	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	95.8	98.3	98.9	99.1	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	95.8	98.3	98.9	99.1	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	95.8	98.3	98.9	99.1	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	95.8	98.3	98.9	99.1	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	95.8	98.3	98.9	99.1	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	95.8	98.3	98.9	99.1	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	95.8	98.3	98.9	99.1	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1932

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
(F WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 20000	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 18000	69.2	69.4	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
≥ 16000	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 14000	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 12000	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 10000	80.8	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000	81.8	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 8000	83.0	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 7000	83.3	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 6000	83.9	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 5000	85.3	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4500	85.5	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4000	86.3	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3500	86.5	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3000	87.1	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2500	88.1	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2000	92.5	93.4	93.5	93.5	93.6	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	94.7	95.8	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	96.2	97.9	98.1	98.1	98.2	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	96.9	98.9	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	97.0	99.1	99.2	99.3	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	97.0	99.1	99.2	99.3	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	97.0	99.1	99.2	99.3	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	97.0	99.1	99.2	99.3	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	97.0	99.1	99.2	99.3	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	97.0	99.1	99.2	99.3	99.4	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.0	99.1	99.2	99.3	99.4	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.0	99.1	99.2	99.3	99.4	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.0	99.1	99.2	99.3	99.4	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.0	99.1	99.2	99.3	99.4	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.0	99.1	99.2	99.3	99.4	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1942

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

90604	KWAJALEIN MARSHALL IS/BUCHOLZ	44-72	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000	68.8	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
< 20000 ≥ 18000	69.5	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
< 18000 ≥ 16000	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
< 16000 ≥ 14000	72.8	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
< 14000 ≥ 12000	77.3	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
< 12000 ≥ 10000	81.0	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	81.4
< 10000 ≥ 9000	81.8	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
< 9000 ≥ 8000	82.9	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
< 8000 ≥ 7000	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
< 7000 ≥ 6000	84.0	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
< 6000 ≥ 5000	85.0	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
< 5000 ≥ 4500	85.2	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
< 4500 ≥ 4000	85.9	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
< 4000 ≥ 3500	86.2	86.9	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
< 3500 ≥ 3000	86.8	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
< 3000 ≥ 2500	87.5	88.4	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
< 2500 ≥ 2000	92.3	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
< 2000 ≥ 1800	94.1	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
< 1800 ≥ 1500	96.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
< 1500 ≥ 1200	97.1	99.3	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
< 1200 ≥ 1000	97.2	99.4	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
< 1000 ≥ 900	97.2	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
< 900 ≥ 800	97.2	99.4	99.5	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
< 800 ≥ 700	97.2	99.4	99.5	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
< 700 ≥ 600	97.2	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
< 600 ≥ 500	97.2	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 500 ≥ 400	97.2	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 400 ≥ 300	97.2	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 300 ≥ 200	97.2	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 200 ≥ 100	97.2	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 100 0	97.2	99.4	99.6	99.7	99.8	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 1931

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40694 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 18000	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 16000	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 14000	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 12000	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 10000	80.8	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 9000	82.0	82.1	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
≥ 8000	82.8	82.9	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 7000	83.1	83.4	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	83.6
≥ 6000	83.5	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000	85.1	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4500	85.6	85.7	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4000	86.3	86.7	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3500	86.9	86.9	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
≥ 3000	87.2	87.6	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2500	87.5	88.0	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2000	92.1	92.8	93.0	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	94.4	95.3	95.5	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	96.5	97.9	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	97.2	98.9	99.2	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
≥ 1000	97.2	98.9	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	97.2	98.9	99.2	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
≥ 800	97.2	98.9	99.3	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	97.2	98.9	99.3	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	97.2	98.9	99.3	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	97.2	98.9	99.3	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	97.2	98.9	99.3	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	97.2	98.9	99.3	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	97.2	98.9	99.3	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	97.2	98.9	99.3	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	97.2	98.9	99.3	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER of OBSERVATIONS 1943

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/ROI-NAMUR (STATION NAME) 44-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 20000	71.4	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 18000	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 16000	71.9	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 14000	74.0	74.2	74.2	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
≥ 12000	78.7	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 10000	82.1	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 9000	83.2	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 8000	83.6	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 7000	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 6000	84.7	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000	85.7	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4500	85.8	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4000	86.6	86.9	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
≥ 3500	86.9	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3000	87.3	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2500	87.5	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2000	92.0	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	94.0	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	95.9	97.8	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
≥ 1200	96.5	98.6	99.1	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
≥ 1000	96.5	99.1	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	96.5	99.1	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	96.5	99.1	99.3	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
≥ 700	96.5	99.1	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	96.5	99.1	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.5	99.1	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.5	99.1	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.5	99.1	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.5	99.1	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.5	99.1	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.5	99.1	99.3	99.6	99.8	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 1929

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-46,49-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 20000	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 18000	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 16000	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 14000	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 12000	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
≥ 10000	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 9000	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 8000	81.0	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 7000	81.4	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 6000	81.8	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 5000	83.3	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4500	83.6	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4000	84.7	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3500	85.2	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
≥ 3000	85.6	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2500	86.2	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000	90.6	91.2	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800	91.7	92.7	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	94.1	96.7	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	94.5	97.6	98.5	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	94.6	98.1	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	94.6	98.1	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	94.6	98.1	98.9	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
≥ 700	94.6	98.1	98.9	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
≥ 600	94.6	98.1	98.9	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
≥ 500	94.5	98.1	98.9	99.3	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	94.6	98.1	98.9	99.3	99.4	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	94.6	98.1	98.9	99.3	99.4	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	94.6	98.1	98.9	99.3	99.4	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	94.6	98.1	98.9	99.3	99.4	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	94.6	98.1	98.9	99.3	99.4	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2007

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-46,49-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 20000	64.2	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
≥ 18000	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	64.4
≥ 16000	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 14000	67.1	67.3	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
≥ 12000	70.9	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 10000	75.1	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 9000	77.1	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 8000	78.5	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 7000	78.9	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
≥ 6000	79.3	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	80.9	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4500	81.7	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4000	82.6	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3500	83.2	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3000	84.1	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	84.8	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2000	86.4	89.8	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800	90.5	92.6	93.0	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	93.1	95.9	96.5	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	93.9	97.4	98.2	98.5	98.6	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	93.9	97.6	98.6	98.9	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	93.9	97.6	98.6	98.9	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	93.9	97.6	98.6	98.9	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	93.9	97.6	98.6	98.9	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	94.0	97.7	98.6	98.9	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	94.0	97.7	98.6	99.0	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	94.0	97.7	98.6	99.0	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	94.0	97.7	98.6	99.0	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	94.0	97.7	98.6	99.0	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.0	97.7	98.6	99.0	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	94.0	97.7	98.6	99.0	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2000

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHOLZ (STATION NAME) 44-46,49-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0800 (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	46.4	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 20000	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
< 20000 ≥ 18000	59.7	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
< 18000 ≥ 16000	59.7	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 ≥ 14000	62.7	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 ≥ 12000	67.8	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
< 12000 ≥ 10000	73.6	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
< 10000 ≥ 9000	75.2	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
< 9000 ≥ 8000	77.2	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
< 8000 ≥ 7000	77.6	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
< 7000 ≥ 6000	78.2	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
< 6000 ≥ 5000	79.5	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
< 5000 ≥ 4500	79.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
< 4500 ≥ 4000	81.2	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
< 4000 ≥ 3500	81.7	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
< 3500 ≥ 3000	82.6	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
< 3000 ≥ 2500	83.9	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
< 2500 ≥ 2000	87.6	89.9	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
< 2000 ≥ 1800	90.0	92.2	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
< 1800 ≥ 1500	93.1	96.0	96.6	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
< 1500 ≥ 1200	94.9	97.7	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
< 1200 ≥ 1000	94.9	98.2	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
< 1000 ≥ 900	94.5	98.2	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
< 900 ≥ 800	94.5	98.2	99.1	99.2	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
< 800 ≥ 700	94.5	98.2	99.1	99.2	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
< 700 ≥ 600	94.5	98.2	99.1	99.2	99.5	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
< 600 ≥ 500	94.5	98.3	99.1	99.3	99.5	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
< 500 ≥ 400	94.5	98.3	99.1	99.3	99.5	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
< 400 ≥ 300	94.5	98.3	99.1	99.3	99.5	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
< 300 ≥ 200	94.5	98.3	99.1	99.3	99.5	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
< 200 ≥ 100	94.5	98.3	99.1	99.3	99.5	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
< 100 0	94.5	98.3	99.1	99.3	99.5	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2012

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

DATA PROCESSING FORMS

33747

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/ROCKMILZ (STATION NAME) 44-46,49-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 20000	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 18000	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
≥ 16000	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 14000	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 12000	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 10000	75.6	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
≥ 9000	77.3	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 8000	78.9	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 7000	79.6	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 6000	80.4	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 5000	82.6	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4500	82.9	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000	84.1	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	84.3	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3000	85.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2500	86.2	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
≥ 2000	90.0	91.6	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1
≥ 1800	91.8	93.7	94.0	94.1	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1500	94.2	96.7	97.2	97.2	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	94.6	97.6	98.1	98.2	98.3	98.3	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	94.8	98.0	98.6	98.7	98.9	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 900	94.8	98.0	98.6	98.7	98.9	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 800	94.9	98.2	98.8	98.9	99.1	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 700	94.9	98.2	98.8	98.9	99.1	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 600	94.9	98.2	98.8	98.9	99.2	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	94.9	98.2	98.9	99.0	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	94.9	98.2	98.9	99.0	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	94.9	98.2	98.9	99.0	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	94.9	98.2	98.9	99.0	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	94.9	98.2	98.9	99.0	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
0	94.9	98.2	98.9	99.0	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2012

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

60604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-46,49-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 20000	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 18000	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 16000	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 14000	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 12000	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 10000	76.6	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
≥ 9000	78.2	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 8000	79.5	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
≥ 7000	80.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 6000	81.0	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	82.7	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4500	82.9	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4000	84.0	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
≥ 3500	84.3	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
≥ 3000	85.9	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2500	86.2	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2000	90.3	92.2	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800	92.2	94.4	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1500	94.1	96.6	97.1	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200	94.6	97.5	98.0	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	95.0	97.9	98.4	98.6	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 900	95.0	97.9	98.4	98.6	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 800	95.0	97.9	98.5	98.6	99.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 700	95.0	97.9	98.5	98.6	99.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 600	95.0	97.9	98.5	98.6	99.1	99.1	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 500	95.0	97.9	98.5	98.7	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 400	95.0	97.9	98.5	98.7	99.2	99.2	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 300	95.0	97.9	98.5	98.7	99.2	99.2	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	95.0	97.9	98.5	98.7	99.2	99.2	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	95.0	97.9	98.5	98.7	99.2	99.2	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0
0	95.0	97.9	98.5	98.7	99.2	99.2	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2009

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/ROCKMOLZ (STATION NAME) 44-46,49-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 20000	61.9	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
≥ 18000	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 16000	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	63.6	63.6	63.6
≥ 14000	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 12000	71.0	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	75.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 9000	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 8000	78.5	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
≥ 7000	79.8	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 6000	80.7	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
≥ 5000	82.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500	82.2	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
≥ 4000	83.4	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3500	83.8	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3000	84.8	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2500	85.7	87.0	87.2	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
≥ 2000	89.7	91.2	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	91.8	93.6	93.9	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	94.1	96.8	97.3	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	94.8	98.0	98.6	98.7	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	94.9	98.3	99.0	99.1	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 900	94.9	98.3	99.0	99.1	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 800	95.0	98.4	99.0	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	95.0	98.4	99.0	99.1	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	95.0	98.4	99.0	99.1	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	95.0	98.4	99.0	99.1	99.5	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.0	98.4	99.0	99.1	99.5	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.0	98.4	99.0	99.1	99.5	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.0	98.4	99.0	99.1	99.5	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.0	98.4	99.0	99.1	99.5	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	95.0	98.4	99.0	99.1	99.5	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2008

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-46,49-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 20000	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 18000	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 16000	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 14000	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 12000	73.0	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 10000	77.9	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	79.3	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
≥ 8000	80.7	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
≥ 7000	81.8	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 6000	82.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 5000	83.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500	83.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 4000	84.6	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3500	84.9	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3000	85.8	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2500	88.7	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000	89.9	91.8	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1800	91.5	93.7	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	93.9
≥ 1500	93.6	96.4	96.5	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	94.4	97.8	97.8	98.0	98.2	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	94.5	98.2	98.4	98.6	98.8	98.8	99.0	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	94.5	98.3	98.4	98.6	98.8	98.8	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	94.5	98.4	98.5	98.8	99.0	99.0	99.3	99.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	94.5	98.4	98.5	98.8	99.0	99.0	99.3	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	94.5	98.4	98.5	98.8	99.0	99.0	99.3	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	94.5	98.4	98.5	98.8	99.0	99.0	99.3	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	94.5	98.4	98.5	98.8	99.0	99.0	99.3	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	94.5	98.4	98.5	98.8	99.0	99.0	99.3	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.5	98.4	98.5	98.8	99.0	99.0	99.3	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.5	98.4	98.5	98.8	99.0	99.0	99.3	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.5	98.4	98.5	98.8	99.0	99.0	99.3	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2011

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHOLZ (STATION NAME) 44-46,49-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	57.2	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	57.4	57.4
≥ 20000	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 18000	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 16000	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 14000	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 12000	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 10000	79.1	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
≥ 9000	80.0	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 8000	81.1	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
≥ 7000	81.6	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
≥ 6000	82.2	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	83.3	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500	83.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	85.2	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3500	85.5	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3000	85.7	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2500	86.4	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2000	89.4	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1800	90.5	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	93.2	96.1	96.4	96.7	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	93.8	97.2	97.7	98.0	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	93.9	98.0	98.5	98.8	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	93.9	98.0	98.5	98.8	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	93.9	98.0	98.5	98.9	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	93.9	98.0	98.5	98.9	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	93.9	98.0	98.5	98.9	99.2	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	93.9	98.1	98.6	98.9	99.2	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	93.9	98.1	98.6	98.9	99.2	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 300	93.9	98.1	98.6	99.0	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	93.9	98.1	98.6	99.0	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	93.9	98.1	98.6	99.0	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
0	93.9	98.1	98.6	99.0	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2015

DATA PROCESSING FORMS
33782

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-46,49-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	57.2	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	57.4	57.4
≥ 20000	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 18000	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 16000	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
≥ 14000	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 12000	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 10000	79.1	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
≥ 9000	80.0	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 8000	81.1	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
≥ 7000	81.6	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
≥ 6000	82.2	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	83.3	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500	83.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	85.2	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3500	85.5	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3000	85.7	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2500	86.4	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2000	89.4	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1800	90.5	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.1	93.3	93.3
≥ 1500	93.2	96.1	96.4	96.7	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	93.8	97.2	97.7	98.0	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	93.9	98.0	98.5	98.8	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	93.9	98.0	98.5	98.8	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	93.9	98.0	98.5	98.9	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	93.9	98.0	98.5	98.9	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	93.9	98.0	98.5	98.9	99.2	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	93.9	98.1	98.6	98.9	99.2	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	93.9	98.1	98.6	98.9	99.2	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 300	93.9	98.1	98.6	99.0	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	93.9	98.1	98.6	99.0	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	93.9	98.1	98.6	99.0	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	93.9	98.1	98.6	99.0	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2015

USAF ETAC FORM AGE 04 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.2	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 20000	56.6	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	57.1	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
≥ 16000	58.5	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 14000	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	62.7
≥ 12000	69.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 10000	75.2	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
≥ 9000	76.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 8000	77.9	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	79.0
≥ 7000	77.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	78.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 5000	79.0	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
≥ 4500	79.2	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	80.4	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3500	80.7	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000	81.1	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
≥ 2500	81.0	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
≥ 2000	90.8	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1800	89.9	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	91.7	96.4	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 1200	92.5	97.7	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 1000	92.7	98.1	98.5	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6
≥ 900	92.7	98.2	98.6	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 800	92.7	98.2	98.6	99.1	99.5	99.5	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	92.7	98.2	98.6	99.1	99.5	99.5	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	92.7	98.2	98.6	99.1	99.5	99.5	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	92.7	98.2	98.6	99.1	99.5	99.5	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	92.7	98.2	98.6	99.1	99.5	99.5	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	92.7	98.2	98.6	99.1	99.5	99.5	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	92.7	98.2	98.6	99.1	99.5	99.5	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	92.7	98.2	98.6	99.1	99.5	99.5	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
0	92.7	98.2	98.6	99.1	99.5	99.5	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2082

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/ROI-NAMUR (STATION NAME) 44-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.1	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 20000	57.5	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 18000	57.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 16000	58.9	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
≥ 14000	62.1	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
≥ 12000	68.6	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 10000	74.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 9000	75.4	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
≥ 8000	76.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 7000	77.1	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
≥ 6000	77.4	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
≥ 5000	78.3	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
≥ 4500	78.7	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4000	79.2	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3500	79.9	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
≥ 3000	80.3	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	80.9	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2000	87.2	90.7	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	88.8	92.9	93.1	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1500	90.6	95.3	96.0	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	91.5	97.1	97.7	97.9	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 1000	91.7	97.3	98.2	98.6	98.8	98.8	99.0	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 900	91.7	97.6	98.4	98.8	99.0	99.0	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	91.7	97.6	98.4	98.8	99.1	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	91.8	97.7	98.5	98.8	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	91.8	97.7	98.5	98.8	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	91.8	97.7	98.5	98.9	99.2	99.2	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	91.8	97.7	98.5	98.9	99.2	99.2	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	91.8	97.7	98.5	98.9	99.2	99.2	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	91.8	97.7	98.5	98.9	99.2	99.2	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	91.8	97.7	98.5	98.9	99.2	99.2	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
0	91.8	97.7	98.5	98.9	99.2	99.2	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2089

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

DATA PROCESSING FORMS

33762

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40004 (STATION) KWAJALEIN MARSHALL IS/ROCHELLE (STATION NAME) 44-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-0800 (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	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 20000	50.0	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 18000	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 16000	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 14000	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 12000	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 10000	75.1	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
≥ 9000	76.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 8000	77.4	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000	78.5	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
≥ 6000	78.9	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
≥ 5000	79.8	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4500	80.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4000	81.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	81.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3000	81.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 2500	82.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2000	87.9	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1800	92.4	92.9	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500	91.6	95.7	96.0	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
≥ 1200	92.7	97.6	97.9	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	92.9	98.1	98.6	99.3	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	92.9	98.2	98.6	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	92.9	98.2	98.7	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	92.9	98.2	98.7	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	92.9	98.2	98.7	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	92.9	98.2	98.7	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.9	98.2	98.7	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.9	98.2	98.7	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.9	98.2	98.7	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.9	98.2	98.7	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	92.9	98.2	98.7	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2045

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 20000	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 18000	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 16000	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 14000	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 12000	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 10000	77.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 9000	79.2	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
≥ 8000	79.9	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
≥ 7000	80.8	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 6000	81.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 5000	82.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4500	82.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4000	83.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	84.0	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3000	84.8	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2500	85.0	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2000	89.9	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800	91.0	94.0	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	91.3	96.8	96.9	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	94.1	98.0	98.2	98.4	98.6	98.8	98.8	98.8	98.8	9 .8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 1000	94.3	98.4	98.6	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 900	94.3	98.4	98.8	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 800	94.3	98.4	98.9	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 700	94.3	98.4	98.9	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 600	94.3	98.4	98.9	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 500	94.3	98.4	98.9	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 400	94.3	98.4	98.9	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	94.3	98.4	98.9	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	94.3	98.4	98.9	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	94.3	98.4	98.9	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
0	94.3	98.4	98.9	99.4	99.5	99.5	99.	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2069

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHOLZ (STATION NAME) 44-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 20000	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 18000	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 16000	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 14000	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 12000	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	69.7	69.7	69.7
≥ 10000	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 9000	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 8000	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 7000	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 5000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4500	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4000	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000	83.5	83.5	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
≥ 2500	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2000	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.2	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4
≥ 1800	93.0	93.5	93.6	93.7	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 1500	95.5	95.5	95.7	96.0	96.1	96.1	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	97.4	97.6	97.6	98.1	98.2	98.2	98.5	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	97.8	97.6	97.9	98.5	98.8	98.8	99.1	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 900	97.9	97.6	97.9	98.5	98.8	98.8	99.1	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 800	97.8	97.6	97.9	98.5	98.8	98.8	99.1	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 700	97.9	97.6	97.9	98.5	98.8	98.8	99.1	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
600	97.8	97.6	98.0	98.6	98.9	98.9	99.2	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	97.8	97.8	98.0	98.6	98.9	98.9	99.2	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	97.8	97.6	98.0	98.6	98.9	98.9	99.2	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	97.8	97.6	98.0	98.6	98.9	98.9	99.2	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	97.8	97.6	98.0	98.6	98.9	98.9	99.2	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	97.8	97.6	98.0	98.6	98.9	98.9	99.2	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	97.8	97.6	98.0	98.6	98.9	98.9	99.2	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2885

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1400-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 20000	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 18000	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 16000	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 14000	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 12000	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 10000	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 9000	77.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 8000	78.3	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 7000	79.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 6000	79.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 5000	80.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	81.2	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	82.3
≥ 4000	82.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3500	83.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3000	83.8	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2500	84.4	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000	90.4	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1800	91.7	94.5	94.6	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1500	93.1	96.3	96.4	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
≥ 1200	94.0	97.7	97.8	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	94.4	98.2	98.3	99.0	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 900	94.4	98.2	98.3	99.0	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 800	94.4	98.2	98.3	99.0	99.5	99.5	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	94.4	98.2	98.3	99.0	99.5	99.5	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	94.4	98.2	98.3	99.0	99.5	99.5	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	94.4	98.2	98.3	99.0	99.5	99.5	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.4	98.2	98.3	99.0	99.5	99.5	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.4	98.2	98.3	99.0	99.5	99.5	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.4	98.2	98.3	99.0	99.5	99.5	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.4	98.2	98.3	99.0	99.5	99.5	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	94.4	98.2	98.3	99.0	99.5	99.5	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2082

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHOLZ (STATION NAME) 44-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 20000	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 18000	54.1	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
≥ 16000	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 14000	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
≥ 12000	69.0	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
≥ 10000	75.8	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 9000	77.3	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 8000	78.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 7000	79.2	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
≥ 6000	79.7	81.3	81.4	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
≥ 5000	81.2	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4500	81.5	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
≥ 4000	82.7	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3500	83.1	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3000	83.7	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2500	84.4	86.3	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2000	89.6	92.5	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	90.6	94.1	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1500	92.2	96.8	97.1	97.1	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200	93.0	97.9	98.2	98.3	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	93.3	98.4	98.8	98.9	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	93.3	98.5	98.8	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	93.3	98.5	98.8	98.9	99.2	99.2	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	93.3	98.5	98.8	98.9	99.2	99.2	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	93.3	98.5	98.8	99.0	99.3	99.3	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	93.3	98.5	98.8	99.0	99.3	99.3	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	93.3	98.5	98.8	99.0	99.3	99.3	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.3	98.5	98.8	99.0	99.3	99.3	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.3	98.5	98.8	99.0	99.3	99.3	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.3	98.5	98.8	99.0	99.3	99.3	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
0	93.3	98.5	98.8	99.0	99.3	99.3	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2081

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

C 5 E

DATA PROCESSING FORMS

33742

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/ROCHOLZ (STATION NAME) 44-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	58.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 18000	59.0	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
≥ 16000	60.2	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 14000	63.6	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 12000	71.8	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
≥ 10000	77.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 9000	79.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 8000	80.1	81.4	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 7000	80.5	82.3	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 6000	80.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 5000	81.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4500	82.3	84.3	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4000	83.1	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3500	83.8	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3000	83.9	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2500	84.6	87.1	87.2	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
≥ 2000	90.0	93.4	93.5	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	90.4	94.5	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1
≥ 1500	91.9	97.0	97.3	97.5	97.6	97.6	97.7	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	92.6	97.9	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 1000	92.8	98.3	98.8	99.1	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 900	92.8	98.3	98.8	99.1	99.4	99.4	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	92.8	98.3	98.8	99.1	99.4	99.4	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	92.8	98.4	98.8	99.1	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	92.8	98.4	98.8	99.1	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	92.8	98.4	98.8	99.1	99.5	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.8	98.4	98.8	99.1	99.5	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.8	98.4	98.8	99.1	99.5	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.8	98.4	98.8	99.1	99.5	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.8	98.4	98.8	99.1	99.5	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.8	98.4	98.8	99.1	99.5	99.5	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2080

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (EST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.9	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	54.6	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
< 18000	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 16000	56.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
< 14000	59.8	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 12000	67.1	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
< 10000	72.3	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 9000	74.4	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
< 8000	75.2	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 7000	75.8	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
< 6000	76.2	77.9	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 5000	76.8	78.7	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
< 4500	77.2	79.1	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 4000	78.4	80.4	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
< 3500	78.9	80.9	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3000	79.3	81.3	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
< 2500	80.5	82.7	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 2000	86.1	89.4	89.9	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
< 1800	87.9	91.9	92.5	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
≥ 1500	89.1	94.4	95.1	95.5	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
< 1200	89.8	96.1	97.0	97.3	97.4	97.4	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	90.0	96.9	98.0	98.7	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
< 900	90.0	96.9	98.0	98.7	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 800	90.0	96.9	98.1	98.7	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
< 700	90.0	96.9	98.1	98.7	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	90.0	96.9	98.1	98.7	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
< 500	90.0	96.9	98.1	98.7	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	90.0	96.9	98.1	98.7	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
< 300	90.0	96.9	98.1	98.7	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	90.0	96.9	98.1	98.7	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0
< 100	90.0	96.9	98.1	98.7	99.2	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
0	90.0	96.9	98.1	98.7	99.3	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2198

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

DATA PROCESSING FORMS

33792

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

91604 (STATION) KWAJALEIN MARSHALL IS/RUCHUL2 (STATION NAME) 44-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.4	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 20000	52.6	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 18000	53.3	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
≥ 16000	54.5	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 14000	57.1	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
≥ 12000	65.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 10000	69.8	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 9000	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	73.4
≥ 8000	72.6	74.1	74.1	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
≥ 7000	73.2	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 6000	73.5	75.1	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 5000	74.2	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4500	74.3	76.1	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 4000	75.8	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 3500	76.4	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3000	76.9	78.7	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
≥ 2500	78.1	80.2	80.2	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 2000	84.0	87.1	87.3	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1800	89.0	89.8	90.1	90.5	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9
≥ 1500	88.2	93.0	93.7	94.2	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200	89.6	95.4	96.4	97.0	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	90.0	96.4	97.7	98.6	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 900	90.0	96.4	97.7	98.6	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 800	90.0	96.4	97.8	98.7	99.3	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 700	90.0	96.4	97.8	98.7	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	90.0	96.4	97.8	98.7	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	90.0	96.4	97.8	98.7	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	90.0	96.4	97.8	98.7	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	90.0	96.4	97.8	98.7	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	90.0	96.4	97.8	98.7	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	90.0	96.4	97.8	98.7	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	90.0	96.4	97.8	98.7	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2197

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 20000	46.7	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 18000	47.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 16000	48.2	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 14000	53.0	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 12000	62.6	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	69.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 9000	71.7	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 8000	72.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 7000	73.5	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 6000	73.9	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 5000	74.9	77.0	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4500	75.0	77.2	77.3	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
≥ 4000	75.3	78.5	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
≥ 3500	76.8	79.1	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3000	77.3	79.8	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 2500	78.6	81.5	82.0	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
≥ 2000	84.3	88.4	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	86.8	91.3	91.9	92.1	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1500	88.6	94.9	95.3	95.5	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	89.7	96.3	97.1	97.4	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	90.0	97.0	98.0	98.4	99.0	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 900	90.0	97.0	98.0	98.4	99.1	99.1	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	90.0	97.0	98.0	98.5	99.1	99.2	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	90.0	97.0	98.0	98.5	99.1	99.2	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	90.0	97.0	98.0	98.5	99.1	99.2	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	90.0	97.0	98.1	98.5	99.2	99.2	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	90.0	97.0	98.1	98.5	99.2	99.2	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	90.0	97.0	98.1	98.5	99.2	99.2	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	90.0	97.0	98.1	98.5	99.2	99.2	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	90.0	97.0	98.1	98.5	99.2	99.2	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	90.0	97.0	98.1	98.5	99.2	99.2	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2198

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/RICHMOND (STATION NAME) 44-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.2	34.2	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 20000	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 18000	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 16000	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 14000	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 12000	65.7	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 10000	72.1	72.6	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 9000	74.8	75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 8000	76.1	77.1	77.3	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 7000	77.6	78.9	79.2	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000	78.2	79.6	79.8	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	79.6	81.0	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4500	80.0	81.4	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4000	80.9	82.3	82.7	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3500	80.9	82.6	83.0	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3000	81.7	83.5	83.9	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2500	82.7	84.7	85.1	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
≥ 2000	87.7	90.6	91.0	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	89.4	93.1	93.4	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	91.3	95.7	96.1	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	92.1	96.9	97.4	97.8	98.0	98.0	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	92.1	97.3	97.9	98.4	98.8	98.8	99.1	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	92.1	97.3	97.9	98.4	98.8	98.8	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 800	92.1	97.3	97.9	98.4	98.8	98.9	99.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	92.1	97.3	97.9	98.5	99.0	99.0	99.4	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	92.1	97.3	97.9	98.5	99.0	99.0	99.4	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	92.1	97.3	97.9	98.5	99.0	99.0	99.4	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	92.1	97.3	97.9	98.5	99.0	99.0	99.4	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	92.1	97.3	97.9	98.5	99.0	99.0	99.4	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	92.1	97.3	97.9	98.5	99.0	99.0	99.4	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	92.1	97.3	97.9	98.5	99.0	99.0	99.4	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	92.1	97.3	97.9	98.5	99.0	99.0	99.4	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2198

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

DATA PROCESSING FORMS

35782

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.2	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 20000	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 18000	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 16000	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 14000	55.6	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
≥ 12000	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 10000	72.8	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 9000	74.8	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 8000	76.7	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 7000	77.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000	77.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 5000	79.2	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4500	79.5	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4000	80.4	81.7	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3500	80.7	82.1	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3000	81.2	82.6	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2500	82.9	84.7	85.1	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	88.3	91.1	91.3	91.4	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1800	90.0	93.3	93.5	93.6	93.9	93.9	94.0	94.1	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 1500	91.6	95.9	96.4	96.5	96.7	96.7	96.9	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	92.2	96.8	97.4	97.7	97.9	97.9	98.2	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	92.2	97.1	97.8	98.1	98.4	98.5	98.9	99.0	99.0	99.5	99.5	99.9	99.5	99.5	99.5	99.5
≥ 900	92.2	97.1	97.8	98.1	98.5	98.5	98.9	99.1	99.1	99.5	99.6	99.6	99.6	99.6	99.7	99.7
≥ 800	92.2	97.1	97.8	98.2	98.5	98.6	99.0	99.3	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 700	92.2	97.1	97.8	98.2	98.5	98.6	99.0	99.3	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	92.2	97.1	97.8	98.2	98.5	98.6	99.0	99.3	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	92.2	97.1	97.8	98.2	98.5	98.6	99.0	99.3	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	92.2	97.1	97.8	98.2	98.5	98.6	99.0	99.3	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	92.2	97.1	97.8	98.2	98.5	98.6	99.0	99.3	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	92.2	97.1	97.8	98.2	98.5	98.6	99.0	99.3	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	92.2	97.1	97.8	98.2	98.5	98.6	99.0	99.3	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	92.2	97.1	97.8	98.2	98.5	98.6	99.0	99.3	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2199

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

66604	KWAJALEIN MARSHALL IS/RICHOLZ	44-72	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 20000	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 18000	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 16000	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 14000	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 12000	65.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 10000	72.9	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 9000	74.3	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
≥ 8000	76.6	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
≥ 7000	77.0	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 6000	77.5	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 5000	78.6	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
≥ 4500	78.8	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4000	79.3	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3500	79.9	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3000	80.4	82.1	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2500	81.4	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 2000	86.8	89.2	89.5	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800	89.1	92.0	92.3	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	91.3	95.0	95.6	95.9	96.1	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200	92.3	96.3	97.3	97.8	98.2	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	92.4	96.6	97.6	98.2	98.4	98.9	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	92.4	96.6	97.6	98.2	98.4	98.9	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	92.4	96.6	97.6	98.3	99.0	99.0	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	92.4	96.6	97.6	98.3	99.0	99.0	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	92.4	96.6	97.6	98.3	99.0	99.0	99.4	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	92.4	96.6	97.6	98.3	99.0	99.0	99.4	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.4	96.6	97.6	98.3	99.0	99.0	99.4	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.4	96.6	97.6	98.3	99.0	99.0	99.4	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.4	96.6	97.6	98.3	99.0	99.0	99.4	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.4	96.6	97.6	98.3	99.0	99.0	99.4	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	92.4	96.6	97.6	98.3	99.0	99.0	99.4	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2196

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.1	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 20000	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 18000	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 16000	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 14000	53.4	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 12000	65.8	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 10000	72.6	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 9000	74.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 8000	76.2	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 7000	76.7	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 6000	77.0	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 5000	78.0	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	78.2	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4000	79.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3500	79.7	81.7	81.8	81.9	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	80.2	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
≥ 2500	81.2	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	86.1	89.1	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1800	88.0	91.5	91.6	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1500	94.3	94.5	95.0	95.3	95.5	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200	96.2	96.4	97.1	97.7	98.0	98.0	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	96.3	96.6	97.4	98.0	98.5	98.5	98.9	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	96.3	96.6	97.4	98.0	98.5	98.5	98.9	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	96.3	96.6	97.5	98.1	98.6	98.7	99.2	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	96.3	96.6	97.5	98.1	98.6	98.8	99.2	99.3	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	96.3	96.6	97.5	98.1	98.7	98.8	99.3	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	96.3	96.6	97.5	98.1	98.7	98.8	99.3	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	96.3	96.6	97.5	98.1	98.7	98.8	99.3	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	96.3	96.6	97.5	98.1	98.7	98.8	99.3	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	96.3	96.6	97.5	98.1	98.7	98.8	99.3	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	96.3	96.6	97.5	98.1	98.7	98.8	99.3	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
0	96.3	96.6	97.5	98.1	98.7	98.8	99.3	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2197

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/ROCHOLZ (STATION NAME) 44-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 20000	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 18000	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 16000	55.6	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 14000	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 12000	69.2	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000	75.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 9000	76.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 8000	78.0	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
≥ 7000	78.5	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 6000	78.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	79.7	81.0	81.1	81.1	81.2	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4500	79.8	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000	80.8	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3500	81.6	83.0	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000	81.7	83.3	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2500	83.1	84.9	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	87.5	90.0	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1800	88.7	91.5	92.2	92.4	92.5	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	90.4	94.5	95.2	95.7	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	91.3	96.3	97.0	97.7	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	91.5	96.9	97.9	98.7	99.0	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	91.5	96.9	97.9	98.7	99.1	99.1	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	91.5	96.9	98.0	98.8	99.2	99.2	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	91.5	96.9	98.0	98.9	99.3	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	91.5	96.9	98.0	98.9	99.3	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 500	91.5	96.9	98.0	98.9	99.3	99.4	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	91.5	96.9	98.0	98.9	99.3	99.4	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	91.5	96.9	98.0	98.9	99.3	99.4	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	91.5	96.9	98.0	98.9	99.3	99.4	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	91.5	96.9	98.0	98.9	99.3	99.4	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
0	91.5	96.9	98.0	98.9	99.3	99.4	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2196

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/RICHARDS (STATION NAME) 44-45,47-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 18000	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 16000	60.1	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
≥ 14000	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 12000	71.0	71.7	71.7	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 10000	76.0	77.0	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 9000	76.4	77.5	77.6	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
≥ 8000	77.4	78.5	78.6	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
≥ 7000	77.5	79.0	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 6000	78.0	79.1	79.3	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
≥ 5000	78.7	80.1	80.3	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
≥ 4500	79.1	80.4	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4000	80.3	81.6	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3500	81.1	82.4	82.6	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
≥ 3000	81.2	82.5	82.7	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
≥ 2500	82.0	83.6	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2000	86.7	88.9	89.3	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800	88.5	91.1	91.5	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1500	90.6	94.2	94.8	95.4	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200	92.3	96.6	97.3	97.9	98.4	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	92.5	96.9	97.6	98.3	99.1	99.1	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	92.5	96.9	97.6	98.3	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	92.5	96.9	97.6	98.3	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	92.5	97.0	97.7	98.4	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	92.5	97.0	97.7	98.4	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	92.5	97.0	97.7	98.4	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	92.5	97.0	97.7	98.4	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	92.5	97.0	97.7	98.4	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	92.5	97.0	97.7	98.4	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	92.5	97.0	97.7	98.4	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	92.5	97.0	97.7	98.4	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2038

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-45,47-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.0	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 20000	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 18000	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 16000	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 14000	60.2	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
≥ 12000	68.1	68.8	69.0	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
≥ 10000	73.5	74.3	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 9000	74.2	75.1	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 8000	75.3	76.2	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 7000	75.9	77.0	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 6000	76.3	77.6	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	78.0
≥ 5000	77.0	78.5	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
≥ 4500	77.3	78.8	79.0	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
≥ 4000	78.2	79.7	79.9	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
≥ 3500	78.6	80.1	80.3	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
≥ 3000	79.3	80.9	81.1	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
≥ 2500	79.9	81.6	81.8	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
≥ 2000	85.1	87.6	87.9	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1800	86.9	89.7	89.9	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1500	89.9	93.6	94.2	94.8	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	91.7	96.6	97.5	98.2	98.7	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	91.9	97.0	97.9	98.6	99.1	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 900	91.9	97.0	97.9	98.6	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	92.0	97.1	98.0	98.7	99.2	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 700	92.0	97.1	98.0	98.7	99.3	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	92.0	97.1	98.0	98.7	99.3	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	92.0	97.1	98.0	98.7	99.3	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.0	97.1	98.0	98.7	99.3	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.0	97.1	98.0	98.7	99.3	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.0	97.1	98.0	98.7	99.3	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.0	97.1	98.0	98.7	99.3	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	92.0	97.1	98.0	98.7	99.3	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2034

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHIKA (STATION NAME) 44-45,47-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 20000	47.3	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 18000	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 16000	49.7	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 14000	53.0	53.7	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 12000	64.6	65.0	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 10000	72.4	73.0	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4
≥ 9000	73.8	74.5	74.6	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 8000	75.6	76.4	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9
≥ 7000	76.5	77.5	77.6	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0
≥ 6000	77.1	78.2	78.3	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7
≥ 5000	78.1	79.3	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8
≥ 4500	78.6	79.9	80.0	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4
≥ 4000	79.7	81.2	81.3	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7
≥ 3500	80.5	82.1	82.2	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3000	80.7	82.8	82.9	83.0	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	81.4	83.3	83.5	83.6	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	86.1	88.8	89.0	89.2	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7
≥ 1800	88.2	91.4	91.7	92.0	92.2	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1500	90.1	94.3	94.7	95.0	95.2	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200	92.0	96.7	97.1	97.6	98.2	98.2	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	92.4	97.2	97.6	98.4	98.8	98.8	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 900	92.4	97.3	97.7	98.4	98.8	98.8	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	92.4	97.3	97.8	98.5	99.0	99.0	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	92.4	97.3	97.8	98.5	99.0	99.0	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	92.4	97.3	97.8	98.5	99.0	99.0	99.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	92.4	97.3	97.8	98.5	99.0	99.0	99.3	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	92.4	97.3	97.8	98.5	99.0	99.0	99.3	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	92.4	97.3	97.8	98.5	99.0	99.0	99.3	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	92.4	97.3	97.8	98.5	99.0	99.0	99.3	99.4	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	92.4	97.3	97.8	98.5	99.0	99.0	99.3	99.4	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0
0	92.4	97.3	97.8	98.5	99.0	99.0	99.3	99.4	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2040

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-45,47-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 20000	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 18000	53.4	53.4	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
≥ 16000	55.2	55.2	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 14000	59.0	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 12000	69.1	69.3	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 10000	76.0	76.3	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 9000	77.9	78.3	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
≥ 8000	79.4	79.9	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 7000	80.2	81.0	81.2	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 6000	80.5	81.4	81.6	81.7	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	81.3	82.2	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4500	81.5	82.5	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 4000	82.5	83.6	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3500	83.2	84.3	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3000	83.5	84.7	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	84.0	85.8	86.0	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2000	89.6	91.3	91.6	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2
≥ 1800	91.1	93.2	93.5	93.8	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.3
≥ 1500	92.5	95.0	95.5	95.7	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.4	96.4	96.5	96.5	96.5
≥ 1200	93.8	97.0	97.5	97.9	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.8	98.8
≥ 1000	93.9	97.2	97.7	98.1	98.6	98.7	98.9	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.4	99.4
≥ 900	93.9	97.3	97.8	98.2	98.7	98.8	99.0	99.1	99.1	99.3	99.3	99.3	99.5	99.5	99.6	99.6
≥ 800	93.9	97.3	97.8	98.2	98.7	98.8	99.0	99.1	99.1	99.5	99.5	99.5	99.7	99.7	99.8	99.8
≥ 700	93.9	97.3	97.8	98.2	98.8	98.9	99.1	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.8	99.8
≥ 600	93.9	97.3	97.8	98.2	98.8	98.9	99.1	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.8	99.8
≥ 500	93.9	97.3	97.8	98.2	98.8	98.9	99.1	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.9	99.9
≥ 400	93.9	97.3	97.8	98.2	98.8	98.9	99.1	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.9	99.9
≥ 300	93.9	97.3	97.8	98.2	98.8	98.9	99.1	99.2	99.2	99.6	99.6	99.6	99.8	99.8	100.0	100.0
≥ 200	93.9	97.3	97.8	98.2	98.8	98.9	99.1	99.2	99.2	99.6	99.6	99.6	99.8	99.8	100.0	100.0
≥ 100	93.9	97.3	97.8	98.2	98.8	98.9	99.1	99.2	99.2	99.6	99.6	99.6	99.8	99.8	100.0	100.0
0	93.9	97.3	97.8	98.2	98.8	98.9	99.1	99.2	99.2	99.6	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2039

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BLICHNIZ (STATION NAME) 44-45,47-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 20000	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 18000	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 16000	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 14000	60.0	60.0	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 12000	69.6	69.8	69.8	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000	75.6	76.0	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 9000	77.6	78.0	78.1	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
≥ 8000	79.2	79.9	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 7000	80.4	81.3	81.4	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
≥ 6000	80.8	81.6	81.7	81.7	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	82.2	83.3	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500	82.4	83.6	83.7	83.7	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	83.3	84.7	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3500	83.6	85.3	85.5	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
≥ 3000	84.1	85.6	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2500	84.9	86.5	86.7	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000	88.9	91.1	91.4	91.5	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1800	90.5	93.1	93.3	93.4	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.1
≥ 1500	92.3	95.2	95.4	95.8	96.3	96.3	96.4	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	93.5	97.0	97.6	97.8	98.4	98.4	98.6	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.9	98.9
≥ 1000	93.6	97.2	97.8	98.1	98.9	98.9	99.2	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥ 900	93.6	97.2	97.9	98.2	98.9	99.0	99.2	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7
≥ 800	93.6	97.2	97.9	98.2	99.0	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 700	93.6	97.2	97.9	98.2	99.0	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 600	93.6	97.2	97.9	98.2	99.0	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 500	93.6	97.2	97.9	98.2	99.0	99.0	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 400	93.6	97.2	97.9	98.2	99.0	99.0	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 300	93.6	97.2	97.9	98.2	99.0	99.0	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	93.6	97.2	97.9	98.2	99.0	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	93.6	97.2	97.9	98.2	99.0	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	93.6	97.2	97.9	98.2	99.0	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2036

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

DATA PROCESSING FORMS

35782

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-45,47-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
≥ 20000	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 18000	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 16000	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 14000	58.1	58.1	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 12000	68.8	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 10000	75.7	76.2	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
≥ 9000	77.6	78.1	78.2	78.3	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 8000	79.3	79.9	80.0	80.0	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	80.5	81.2	81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 6000	80.9	81.6	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
≥ 5000	82.3	83.2	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4500	82.9	83.4	83.6	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	83.4	84.5	84.7	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3500	83.9	85.1	85.3	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3000	84.6	85.8	86.0	86.1	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2500	85.2	86.6	86.9	86.9	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2000	88.9	90.7	91.1	91.2	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	90.7	92.8	93.2	93.3	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	92.2	94.8	95.3	95.6	96.0	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	93.6	96.7	97.4	97.8	98.3	98.4	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	93.8	97.0	97.8	98.4	99.0	99.1	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	93.8	97.0	97.8	98.4	99.0	99.1	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	93.8	97.1	97.8	98.4	99.0	99.1	99.4	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	93.8	97.1	97.9	98.5	99.1	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	93.8	97.1	97.9	98.5	99.1	99.2	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	93.8	97.1	97.9	98.5	99.1	99.2	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	93.8	97.1	97.9	98.5	99.1	99.2	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	93.8	97.1	97.9	98.5	99.1	99.2	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	93.8	97.1	97.9	98.5	99.1	99.2	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	93.8	97.1	97.9	98.5	99.1	99.2	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
0	93.8	97.1	97.9	98.5	99.1	99.2	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2040

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-45,47-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥ 20000	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 18000	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 16000	53.4	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
≥ 14000	57.3	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 12000	66.9	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 10000	74.4	75.1	75.2	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
≥ 9000	76.3	77.1	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 8000	78.0	79.0	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 7000	79.2	80.4	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000	79.6	80.7	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 5000	81.1	82.4	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4500	81.3	82.6	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4000	82.5	83.8	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3500	83.0	84.5	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3000	83.6	85.2	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2500	84.5	86.7	86.9	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
≥ 2000	87.3	89.9	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800	89.2	92.0	93.0	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
≥ 1500	90.4	94.4	94.8	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	91.6	96.9	97.6	98.1	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 1000	92.0	97.3	98.1	98.8	99.1	99.1	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 900	92.0	97.3	98.2	98.8	99.2	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	92.0	97.3	98.2	98.8	99.2	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	92.0	97.3	98.2	98.8	99.2	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	92.0	97.3	98.2	98.8	99.2	99.2	99.5	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	92.0	97.3	98.2	98.8	99.2	99.2	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.0	97.3	98.2	98.8	99.2	99.2	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.0	97.3	98.2	98.8	99.2	99.2	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.0	97.3	98.2	98.8	99.2	99.2	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.0	97.3	98.2	98.8	99.2	99.2	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.0	97.3	98.2	98.8	99.2	99.2	99.5	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2040

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-45,47-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 20000	55.4	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	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 16000	58.2	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
≥ 14000	62.8	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	70.7	71.4	71.5	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 10000	77.2	78.3	78.4	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 9000	78.1	79.3	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 8000	79.9	80.8	80.9	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000	80.5	81.9	82.0	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 6000	80.9	82.3	82.4	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 5000	81.5	83.3	83.4	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
≥ 4500	82.0	83.4	83.5	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4000	82.6	84.3	84.5	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3500	83.0	84.8	84.9	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3000	83.3	85.1	85.2	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
≥ 2500	84.6	86.0	86.2	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
≥ 2000	87.2	89.7	89.8	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800	89.1	92.2	92.3	92.7	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500	90.7	94.8	95.0	95.5	95.7	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200	92.3	97.3	98.0	98.5	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	92.4	97.6	98.4	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 900	92.4	97.6	98.4	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	92.4	97.6	98.4	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	92.4	97.6	98.4	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	92.5	97.7	98.5	99.1	99.5	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	92.5	97.7	98.5	99.1	99.5	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.5	97.7	98.5	99.1	99.5	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.5	97.7	98.5	99.1	99.5	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.5	97.7	98.5	99.1	99.5	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.5	97.7	98.5	99.1	99.5	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.5	97.7	98.5	99.1	99.5	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2039

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.2	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	58.4	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
≥ 18000	59.1	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
≥ 16000	60.2	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	64.2	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 12000	73.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 10000	78.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 9000	79.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 8000	80.4	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
≥ 7000	80.7	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
≥ 6000	80.9	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
≥ 5000	81.3	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
≥ 4500	81.3	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
≥ 4000	81.9	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
≥ 3500	82.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3000	82.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 2500	82.6	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	87.2	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4
≥ 1800	89.4	93.3	93.7	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 1500	91.3	96.2	96.8	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 1200	92.2	97.6	98.3	98.7	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 1000	92.3	97.9	98.5	99.0	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 900	92.3	97.9	98.5	99.0	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 800	92.3	97.9	98.5	99.0	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 700	92.3	97.9	98.5	99.0	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 600	92.3	97.9	98.5	99.0	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 500	92.3	97.9	98.5	99.0	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	92.3	97.9	98.5	99.0	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	92.3	97.9	98.5	99.0	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	92.3	97.9	98.5	99.0	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	92.3	97.9	98.5	99.0	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	92.3	97.9	98.5	99.0	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2199

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 20000	56.2	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 18000	56.7	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 16000	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	58.6
≥ 14000	61.1	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 12000	71.4	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 10000	76.9	77.4	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
≥ 9000	77.4	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000	78.7	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
≥ 7000	78.9	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000	79.1	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 5000	79.3	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4500	79.5	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4000	80.0	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3500	80.1	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3000	80.7	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 2500	81.1	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2000	85.9	88.4	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1800	88.8	91.9	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	90.7	94.8	95.4	96.0	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200	91.9	97.0	97.7	98.4	98.8	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	92.0	97.2	98.0	98.9	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	92.0	97.2	98.0	98.9	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	92.0	97.2	98.0	98.9	99.4	99.4	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	92.0	97.2	98.0	98.9	99.4	99.4	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	92.0	97.2	98.0	98.9	99.4	99.4	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	92.0	97.2	98.0	98.9	99.4	99.4	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	92.0	97.2	98.0	98.9	99.4	99.4	99.5	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	92.0	97.2	98.0	98.9	99.4	99.4	99.5	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	92.0	97.2	98.0	98.9	99.4	99.4	99.5	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	92.0	97.2	98.0	98.9	99.4	99.4	99.5	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
0	92.0	97.2	98.0	98.9	99.4	99.4	99.5	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2201

USAF ETAC FORM 10164 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0800 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	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 20000	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 18000	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 16000	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 14000	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 12000	70.6	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
≥ 10000	77.5	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	78.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 8000	80.1	81.2	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
≥ 7000	80.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 6000	80.8	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 5000	81.2	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4500	81.4	82.8	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
≥ 4000	82.1	83.6	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	82.5	84.0	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3000	83.0	84.5	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2500	83.5	85.1	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
≥ 2000	86.7	88.7	89.1	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
≥ 1800	89.2	91.7	92.1	92.2	92.3	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1500	91.8	95.2	95.7	95.9	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	93.0	97.3	97.8	98.0	98.4	98.4	98.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 1000	93.2	97.5	98.1	98.4	98.7	98.7	99.1	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	93.3	97.6	98.2	98.4	98.8	98.8	99.2	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 800	93.3	97.7	98.3	98.5	98.9	98.9	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	93.3	97.7	98.3	98.5	98.9	98.9	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 600	93.3	97.7	98.3	98.5	98.9	98.9	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 500	93.3	97.7	98.3	98.5	98.9	98.9	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 400	93.3	97.7	98.3	98.5	98.9	98.9	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	93.3	97.7	98.3	98.5	98.9	98.9	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	93.3	97.7	98.3	98.5	98.9	98.9	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	93.3	97.7	98.3	98.5	98.9	98.9	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
0	93.3	97.7	98.3	98.5	98.9	98.9	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2201

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

DATA PROCESSING FORMS

35782

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 20000	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 18000	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 16000	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 14000	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 12000	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 10000	78.9	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 9000	80.6	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
≥ 8000	82.3	83.2	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 7000	82.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 6000	82.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 5000	84.0	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4500	84.1	85.3	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
≥ 4000	84.9	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3500	85.0	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000	85.9	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	87.2
≥ 2500	86.2	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2000	89.7	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1800	91.7	94.4	94.5	94.6	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1500	93.3	96.8	97.1	97.5	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 1200	93.9	97.8	98.1	98.6	98.6	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	93.9	97.9	98.3	98.8	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	93.9	98.0	98.4	98.9	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 800	93.9	98.0	98.4	98.9	99.2	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 700	93.9	98.0	98.4	98.9	99.2	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 600	93.9	98.0	98.4	98.9	99.2	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	93.9	98.0	98.4	98.9	99.2	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 400	93.9	98.0	98.4	98.9	99.2	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 300	93.9	98.0	98.4	98.9	99.2	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 200	93.9	98.0	98.4	98.9	99.2	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.9	100.0
≥ 100	93.9	98.0	98.4	98.9	99.2	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.9	100.0
≥ 0	93.9	98.0	98.4	98.9	99.2	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2200

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHILZ (STATION NAME) 44-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 20000	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 18000	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 16000	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 14000	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 12000	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 10000	78.1	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
≥ 9000	79.9	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 8000	81.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 7000	81.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 6000	82.1	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
≥ 5000	82.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4500	83.0	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4000	84.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3500	84.4	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
≥ 3000	84.5	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2500	85.9	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2000	89.3	91.1	91.3	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
≥ 1800	91.5	93.9	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5
≥ 1500	93.5	96.3	96.7	96.9	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 1200	94.2	97.7	98.2	98.4	98.6	98.5	98.7	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 1000	94.4	98.0	98.5	98.8	99.0	99.0	99.2	99.3	99.3	99.4	99.5	99.4	99.6	99.6	99.6	99.6
≥ 900	94.4	98.0	98.5	98.8	99.0	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7
≥ 800	94.4	98.0	98.6	98.8	99.1	99.1	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 700	94.4	98.0	98.6	98.8	99.1	99.1	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 600	94.4	98.0	98.6	98.8	99.1	99.1	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 500	94.4	98.0	98.6	98.8	99.1	99.1	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 400	94.4	98.0	98.6	98.8	99.1	99.1	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.9	100.0
≥ 300	94.4	98.0	98.6	98.8	99.1	99.1	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.9	100.0
≥ 200	94.4	98.0	98.6	98.8	99.1	99.1	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.9	100.0
≥ 100	94.4	98.0	98.6	98.8	99.1	99.1	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	100.0	100.0
0	94.4	98.0	98.6	98.8	99.1	99.1	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2199

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUC-ICLZ (STATION NAME) 44-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
≥ 20000	49.7	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 18000	50.7	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 16000	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 14000	58.8	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 12000	70.7	71.3	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	77.4	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 9000	78.8	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 8000	80.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 7000	80.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 6000	80.4	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 5000	81.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4500	81.4	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4000	82.7	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3500	83.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3000	83.2	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2500	83.9	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2000	87.7	89.7	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
≥ 1800	89.9	92.6	92.9	93.1	93.3	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	92.2	95.4	95.8	96.0	96.1	96.1	96.4	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 1200	93.5	97.3	98.0	98.2	98.3	98.5	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	93.5	97.5	98.4	98.7	99.0	99.0	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 900	93.5	97.5	98.4	98.7	99.0	99.0	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 800	93.5	97.6	98.5	98.8	99.0	99.0	99.5	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	93.5	97.6	98.5	98.8	99.1	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	93.5	97.6	98.5	98.8	99.1	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 500	93.5	97.6	98.5	98.9	99.1	99.1	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	93.5	97.6	98.5	98.9	99.1	99.1	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	93.5	97.6	98.5	98.9	99.1	99.1	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	93.5	97.6	98.5	98.9	99.1	99.1	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	93.5	97.6	98.5	98.9	99.1	99.1	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
0	93.5	97.6	98.5	98.9	99.1	99.1	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2199

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BLICHHILZ (STATION NAME) 44-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-2000 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	32.7	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
≥ 20000	51.5	51.5	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 18000	52.2	52.5	52.9	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 16000	54.4	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 14000	59.3	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 12000	70.0	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7
≥ 10000	76.4	77.4	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.8
≥ 9000	78.1	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7
≥ 8000	80.0	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.9	81.9	81.9
≥ 7000	80.6	82.1	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6
≥ 6000	81.0	82.5	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0
≥ 5000	81.6	83.1	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7
≥ 4500	81.9	83.5	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0
≥ 4000	83.1	84.7	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.4	85.4	85.4
≥ 3500	83.8	85.3	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	86.0	86.0	86.0
≥ 3000	84.1	85.7	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4
≥ 2500	84.6	86.4	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1
≥ 2000	87.9	90.4	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1
≥ 1800	89.7	92.8	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8
≥ 1500	91.2	95.0	95.7	96.1	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7
≥ 1200	92.3	96.2	97.6	98.1	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9
≥ 1000	92.4	97.1	98.1	98.7	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 900	92.4	97.1	98.1	98.7	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 800	92.4	97.1	98.1	98.7	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8
≥ 700	92.4	97.1	98.1	98.7	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8
≥ 600	92.4	97.1	98.1	98.7	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8
≥ 500	92.4	97.1	98.1	98.7	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9
≥ 400	92.4	97.1	98.1	98.7	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.8	99.9	100.0	100.0	100.0
≥ 300	92.4	97.1	98.1	98.7	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0
≥ 200	92.4	97.1	98.1	98.7	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0
≥ 100	92.4	97.1	98.1	98.7	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0
0	92.4	97.1	98.1	98.7	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2200

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 20000	47.8	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
≥ 18000	58.4	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 16000	59.8	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	60.3
≥ 14000	64.3	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 12000	72.4	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 10000	78.2	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 9000	79.5	80.7	80.7	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 8000	80.9	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 7000	81.1	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 6000	81.9	82.7	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 5000	81.9	83.3	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 4500	82.1	83.5	83.5	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4000	82.6	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3500	83.0	84.5	84.5	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3000	83.4	84.9	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	84.0	85.5	85.6	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2000	87.8	90.1	90.5	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	89.8	93.0	93.4	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	91.1	95.4	96.0	96.5	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	92.1	97.1	97.8	98.3	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	92.3	97.7	98.5	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	92.3	97.7	98.5	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	92.3	97.7	98.5	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	92.3	97.7	98.5	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	92.3	97.7	98.5	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	92.3	97.7	98.5	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.3	97.7	98.5	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.3	97.7	98.5	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.3	97.7	98.5	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.3	97.7	98.5	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	92.3	97.7	98.5	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2200

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BIGHWIL (STATION NAME) 44-73 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.2	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 20000	56.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 18000	57.5	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	58.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 14000	61.9	63.0	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
≥ 12000	70.9	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 10000	78.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 9000	80.2	82.3	82.3	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	81.4	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 7000	81.5	83.8	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 6000	81.7	84.0	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 5000	82.4	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500	82.4	85.0	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4000	83.1	85.6	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3500	83.1	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3000	83.2	85.9	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
≥ 2500	85.7	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000	86.4	89.9	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1800	88.7	93.3	94.7	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 1500	90.4	95.9	96.4	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	91.4	97.5	98.1	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	91.4	97.7	98.3	98.9	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 900	91.6	97.7	98.4	99.0	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 800	91.5	97.0	98.5	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	91.5	97.8	98.5	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	91.5	97.8	98.5	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	91.5	97.9	98.5	99.2	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	91.5	97.9	98.5	99.2	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	91.5	97.9	98.5	99.2	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	91.5	97.9	98.5	99.2	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	91.5	97.9	98.5	99.2	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	91.5	97.9	98.5	99.2	99.5	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2201

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

DATA PROCESSING FORMS

33797

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	47.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 20000	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV V 18000	58.3	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
16000	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
IV V 14000	63.0	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
12000	71.3	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
IV V 10000	77.5	78.8	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
9000	78.8	80.3	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV V 8000	80.0	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
7000	80.2	82.0	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
IV V 6000	80.9	82.1	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
5000	81.0	82.9	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV V 4500	81.3	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
4000	82.4	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV V 3500	82.4	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
3000	82.5	84.4	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV V 2500	82.9	85.0	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
2000	89.2	89.2	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV V 1800	88.4	92.1	92.8	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
1500	90.3	95.2	96.1	96.4	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV V 1200	91.5	96.6	97.7	98.1	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1000	91.5	97.0	98.1	98.7	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
IV V 900	91.5	97.0	98.1	98.7	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
800	91.5	97.0	98.1	98.7	99.3	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV V 700	91.5	97.0	98.1	98.7	99.3	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
600	91.5	97.0	98.1	98.7	99.3	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV V 500	91.5	97.0	98.1	98.7	99.3	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
400	91.5	97.0	98.1	98.7	99.3	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV V 300	91.5	97.0	98.1	98.7	99.3	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
200	91.5	97.0	98.1	98.7	99.3	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV V 100	91.5	97.0	98.1	98.7	99.3	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	91.5	97.0	98.1	98.7	99.3	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2200

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

DATA PROCESSING FORMS

33793

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 STATION | KWAJALEIN MARSHALL IS/BIKINI17 STATION NAME | 44-72 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 20000	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 18000	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 16000	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 14000	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 12000	70.4	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
≥ 10000	77.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 9000	79.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 8000	80.3	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 7000	80.6	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
≥ 6000	81.0	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
≥ 5000	81.8	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4500	81.9	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4000	82.3	84.0	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
≥ 3500	82.4	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3000	82.7	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2500	83.4	85.4	85.6	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
≥ 2000	86.3	88.9	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1800	88.7	92.2	92.6	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500	90.6	95.1	96.9	96.2	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	91.7	96.9	97.9	98.3	98.5	98.5	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	91.8	97.2	98.3	98.9	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	91.8	97.2	98.3	98.9	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	91.8	97.2	98.4	98.9	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 700	91.8	97.2	98.4	98.9	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 600	91.8	97.2	98.4	98.9	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 500	91.8	97.2	98.4	98.9	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	91.8	97.2	98.4	98.9	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	91.8	97.2	98.4	98.9	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	91.8	97.2	98.4	98.9	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	91.8	97.2	98.4	98.9	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	91.8	97.2	98.4	98.9	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2200

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 20000	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 18000	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 16000	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 14000	60.7	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	71.1	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 10000	79.3	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 9000	81.5	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 8000	82.5	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 7000	82.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
≥ 6000	83.0	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 5000	83.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500	83.7	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4000	84.4	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3500	84.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000	85.1	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
≥ 2500	85.9	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2000	88.9	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1800	91.2	94.1	94.4	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	92.9	96.6	97.0	97.0	97.2	97.2	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	93.8	98.0	98.5	98.5	98.8	98.8	99.0	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	93.9	98.1	98.7	98.8	99.1	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 900	93.9	98.1	98.7	98.8	99.1	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 800	93.9	98.1	98.7	98.8	99.1	99.1	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	93.9	98.1	98.7	98.8	99.1	99.2	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 600	93.9	98.1	98.7	98.8	99.1	99.2	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 500	93.9	98.1	98.7	98.8	99.1	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	93.9	98.1	98.7	98.8	99.1	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	93.9	98.1	98.7	98.8	99.1	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	93.9	98.1	98.7	98.8	99.1	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	93.9	98.1	98.7	98.8	99.1	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
0	93.9	98.1	98.7	98.8	99.1	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2201

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 20000	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 18000	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 16000	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 14000	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 12000	72.3	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
≥ 10000	80.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 9000	81.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 8000	82.9	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 7000	83.0	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 6000	83.2	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 5000	83.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4500	83.8	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	85.7	85.7
≥ 4000	84.3	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3500	84.5	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3000	84.7	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2500	85.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2000	88.6	91.0	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	91.6	94.4	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1500	93.5	96.7	97.1	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	94.5	97.8	98.4	98.5	98.7	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	94.5	98.1	98.8	98.9	99.2	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8
≥ 900	94.5	98.1	98.8	98.9	99.2	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8
≥ 800	94.5	98.1	98.8	99.0	99.3	99.3	99.3	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.9	99.9
≥ 700	94.5	98.1	98.8	99.0	99.3	99.3	99.3	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.9	99.9
≥ 600	94.5	98.1	98.8	99.0	99.3	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 500	94.5	98.1	98.8	99.0	99.3	99.3	99.4	99.5	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0
≥ 400	94.5	98.1	98.8	99.0	99.3	99.3	99.4	99.5	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0
≥ 300	94.5	98.1	98.8	99.0	99.3	99.3	99.4	99.5	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	94.5	98.1	98.8	99.0	99.3	99.3	99.4	99.5	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	94.5	98.1	98.8	99.0	99.3	99.3	99.4	99.5	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0
0	94.5	98.1	98.8	99.0	99.3	99.3	99.4	99.5	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2199

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 20000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 18000	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 16000	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 14000	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 12000	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 10000	78.1	79.4	79.4	79.5	79.5	79.9	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 9000	79.8	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
≥ 8000	81.0	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 7000	81.3	83.2	83.2	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
≥ 6000	81.6	83.5	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 5000	82.1	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4500	82.1	84.1	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4000	83.0	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3500	83.1	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3000	83.3	85.5	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2500	83.9	86.0	86.1	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
≥ 2000	86.9	90.0	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800	89.5	92.9	93.5	93.6	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500	91.1	95.6	96.2	96.3	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	92.0	97.2	98.0	98.5	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
≥ 1000	92.0	97.5	98.3	98.7	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	92.0	97.5	98.3	98.7	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	92.0	97.5	98.3	98.7	99.2	99.3	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 700	92.0	97.5	98.3	98.7	99.2	99.3	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 600	92.0	97.5	98.3	98.7	99.2	99.3	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9
≥ 500	92.0	97.5	98.3	98.7	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 400	92.0	97.5	98.3	98.7	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300	92.0	97.5	98.3	98.7	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200	92.0	97.5	98.3	98.7	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0
≥ 100	92.0	97.5	98.3	98.7	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0
≥ 0	92.0	97.5	98.3	98.7	99.3	99.3	99.6	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2199

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 20000	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 18000	51.9	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 16000	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 14000	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 12000	69.5	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
≥ 10000	77.5	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
≥ 9000	80.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 8000	81.6	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 7000	81.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 6000	82.1	84.1	84.1	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 5000	82.6	84.8	84.8	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 4500	82.9	85.0	85.0	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	83.9	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3500	84.0	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3000	84.2	86.4	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2500	84.6	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2000	86.8	89.7	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1800	88.8	92.5	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500	90.4	95.2	95.6	96.0	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 1200	91.7	97.3	97.8	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2
≥ 1000	91.7	97.5	97.9	98.5	99.1	99.1	99.2	99.3	99.3	99.5	99.5	99.2	99.5	99.5	99.6	99.6
≥ 900	91.7	97.5	97.9	98.5	99.1	99.1	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 800	91.7	97.5	98.0	98.6	99.3	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 700	91.7	97.5	98.0	98.6	99.3	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	91.7	97.5	98.0	98.6	99.3	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 500	91.7	97.5	98.0	98.6	99.3	99.3	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 400	91.7	97.5	98.0	98.6	99.3	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 300	91.7	97.5	98.0	98.6	99.3	99.3	99.5	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	91.7	97.5	98.0	98.6	99.3	99.3	99.5	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	91.7	97.5	98.0	98.6	99.3	99.3	99.5	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	91.7	97.5	98.0	98.6	99.3	99.3	99.5	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2200

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40684 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 20000	56.9	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 18000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 16000	58.1	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 14000	63.1	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 12000	72.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 10000	78.9	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 9000	81.2	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 8000	82.7	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 7000	82.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 6000	83.2	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 5000	83.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4500	84.4	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4000	84.7	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3500	84.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3000	85.0	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2500	85.3	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2000	87.6	90.5	90.6	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800	90.2	93.9	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1500	91.3	96.0	96.2	96.7	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	92.1	97.3	97.7	98.2	98.3	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	92.2	97.6	98.0	98.6	98.8	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	92.2	97.6	98.0	98.6	98.8	98.8	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	92.3	98.0	98.2	98.9	99.1	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	92.3	98.0	98.3	98.9	99.1	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	92.3	98.0	98.4	99.0	99.2	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	92.3	98.0	98.4	99.0	99.2	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.3	98.0	98.4	99.0	99.2	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.3	98.0	98.4	99.0	99.2	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 00	92.3	98.0	98.4	99.0	99.2	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.3	98.0	98.4	99.0	99.2	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.3	98.0	98.4	99.0	99.2	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2201

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 20000	54.9	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 18000	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 16000	57.5	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 14000	62.2	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 12000	72.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 10000	78.5	80.3	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 9000	80.7	82.7	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
≥ 8000	81.6	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 7000	82.1	84.1	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 6000	82.2	84.3	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 5000	82.9	85.2	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
≥ 4500	83.0	85.3	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4000	83.1	86.0	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3500	83.6	86.1	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3000	84.1	86.7	86.9	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500	84.5	87.2	87.4	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2000	86.8	89.6	90.1	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1800	89.2	93.4	93.8	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	90.6	95.5	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200	91.8	97.4	98.0	98.4	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	91.9	97.7	98.4	98.9	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 900	91.9	97.7	98.4	98.9	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	91.9	97.7	98.4	98.9	99.5	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	91.9	97.7	98.4	98.9	99.5	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	91.9	97.7	98.5	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	91.9	97.7	98.5	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	91.9	97.7	98.5	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	91.9	97.7	98.5	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	91.9	97.7	98.5	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	91.9	97.7	98.5	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	91.9	97.7	98.5	99.0	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2130

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

DATA PROCESSING FORMS

31722

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.5	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 20000	56.5	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	57.6	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 16000	58.8	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
≥ 14000	62.9	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 12000	72.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 10000	77.8	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 9000	79.9	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
≥ 8000	80.7	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 7000	81.0	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 6000	81.1	83.7	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000	81.7	84.5	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500	81.9	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000	82.4	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3500	82.5	85.3	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3000	82.7	85.6	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2500	83.1	86.0	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2000	85.1	88.4	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	87.6	92.0	92.6	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500	89.1	94.4	95.5	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	90.6	96.8	98.0	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	90.7	97.0	98.4	99.0	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 900	90.7	97.0	98.5	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 800	90.7	97.0	98.5	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	90.7	97.0	98.5	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 600	90.7	97.0	98.5	99.1	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	90.7	97.0	98.5	99.1	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	90.7	97.0	98.5	99.1	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	90.7	97.0	98.5	99.1	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	90.7	97.0	98.5	99.1	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	90.7	97.0	98.5	99.1	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	90.7	97.0	98.5	99.1	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2179

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHLZ (STATION NAME) 44-72 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 20000	49.6	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 18000	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	51.2
≥ 16000	52.7	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 14000	57.4	57.5	57.5	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
≥ 12000	68.0	68.2	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 10000	75.5	76.0	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 9000	78.0	79.3	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
≥ 8000	79.5	80.9	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
≥ 7000	79.7	81.2	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 6000	80.2	81.8	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
≥ 5000	81.3	83.1	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500	81.9	83.5	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4000	82.3	84.3	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3500	82.6	84.7	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3000	82.6	84.7	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2500	83.4	85.8	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2000	85.9	88.7	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	89.6
≥ 1800	87.6	91.1	91.9	92.0	92.1	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1500	89.6	93.7	94.6	94.9	95.1	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	91.1	96.1	97.3	97.6	97.8	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	91.4	96.9	98.1	98.5	99.0	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	91.5	96.9	98.2	98.6	99.1	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	91.5	96.9	98.2	98.7	99.1	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	91.5	96.9	98.2	98.7	99.1	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	91.5	96.9	98.2	98.7	99.1	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	91.5	96.9	98.3	98.7	99.2	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	91.5	96.9	98.3	98.7	99.2	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	91.5	96.9	98.3	98.7	99.2	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.5	96.9	98.3	98.7	99.2	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.5	96.9	98.3	98.7	99.2	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	91.5	96.9	98.3	98.7	99.2	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2128

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/KILOMETER (STATION NAME) 44-72 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 20000	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 18000	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 16000	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	53.6
≥ 14000	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 12000	68.4	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 10000	76.8	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 9000	79.3	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 8000	80.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 7000	81.0	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 6000	81.0	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 5000	82.3	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4500	82.5	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4000	82.9	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3500	83.1	85.1	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
≥ 3000	83.5	85.5	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2500	84.0	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2000	86.9	89.7	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1800	89.2	92.6	93.2	93.3	93.5	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1500	91.1	95.2	96.0	96.1	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8
≥ 1200	91.7	96.7	97.2	97.7	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.8	98.8
≥ 1000	92.1	97.2	98.1	98.3	99.0	99.0	99.3	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7
≥ 900	92.1	97.2	98.1	98.4	99.1	99.1	99.3	99.4	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7
≥ 800	92.1	97.3	98.2	98.4	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.9	99.9
≥ 700	92.1	97.3	98.2	98.4	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9
≥ 600	92.1	97.3	98.2	98.4	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.7	99.8	99.8	100.0	100.0
≥ 500	92.1	97.3	98.2	98.4	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.7	99.8	99.9	100.0	100.0
≥ 400	92.1	97.3	98.2	98.4	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.7	99.9	99.9	100.0	100.0
≥ 300	92.1	97.3	98.2	98.4	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.7	99.9	99.9	100.0	100.0
≥ 200	92.1	97.3	98.2	98.4	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.7	99.9	99.9	100.0	100.0
≥ 100	92.1	97.3	98.2	98.4	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.7	99.9	99.9	100.0	100.0
0	92.1	97.3	98.2	98.4	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2130

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

DATA PROCESSING TOKAPS

33787

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 20000	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 18000	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 16000	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 14000	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 12000	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 10000	77.3	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 9000	79.4	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
≥ 8000	80.7	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 7000	81.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 6000	81.9	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 5000	82.0	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4500	82.2	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000	83.2	84.3	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3500	83.3	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3000	83.5	84.8	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2500	84.1	85.4	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000	87.1	89.8	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1800	90.2	92.9	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	92.3	95.7	96.2	96.4	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	93.1	97.6	98.1	98.4	98.7	98.7	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	93.3	97.8	98.5	98.8	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	93.3	97.8	98.5	98.8	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	93.3	97.8	98.5	98.8	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	93.3	97.8	98.5	98.8	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	93.3	97.8	98.5	98.8	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	93.3	97.8	98.5	98.8	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	93.3	97.8	98.5	98.8	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	93.3	97.8	98.5	98.8	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	93.3	97.8	98.5	98.8	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	93.3	97.8	98.5	98.8	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	93.3	97.8	98.5	98.8	99.3	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2130

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 KWAJALEIN MARSHALL IS/BUCHHOLZ 44-72 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
≥ 20000	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 18000	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 16000	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 14000	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 12000	69.3	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	77.3	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 9000	79.3	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 8000	80.6	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
≥ 7000	81.1	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 6000	81.4	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 5000	82.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4500	82.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000	83.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3500	83.3	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3000	83.7	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2500	84.1	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2000	86.7	89.6	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
≥ 1800	89.8	93.4	93.7	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	91.6	95.9	96.4	96.6	96.6	96.6	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 1200	92.5	97.6	98.3	98.4	98.5	98.5	98.7	98.8	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1
≥ 1000	92.6	97.7	98.5	98.8	98.9	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.5	99.5
≥ 900	92.6	97.7	98.5	98.8	98.9	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.5	99.5
≥ 800	92.6	97.7	98.5	98.8	98.9	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.9	99.9
≥ 700	92.6	97.7	98.5	98.8	98.9	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.9	99.9
≥ 600	92.6	97.7	98.5	98.8	98.9	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.9	99.9
≥ 500	92.6	97.7	98.5	98.8	98.9	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 400	92.6	97.7	98.5	98.8	98.9	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 300	92.6	97.7	98.5	98.8	98.9	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 200	92.6	97.7	98.5	98.8	98.9	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 100	92.6	97.7	98.5	98.8	98.9	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 0	92.6	97.7	98.5	98.8	98.9	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2128

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/ROCKHOLZ (STATION NAME) 44-72 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1100-2000 (HOURS (EST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 20000	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 18000	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 16000	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 14000	58.3	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 12000	70.9	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 10000	78.6	79.5	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
≥ 9000	80.3	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 8000	82.1	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 7000	82.4	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 6000	82.8	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 5000	83.2	84.7	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 4500	83.6	85.0	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4000	84.5	86.1	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3500	84.9	86.7	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3000	85.1	86.9	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2500	85.6	87.6	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2000	87.3	90.3	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1800	89.9	92.6	93.0	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1500	91.3	95.1	95.4	95.6	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	92.5	97.2	97.6	97.9	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	92.7	97.6	97.9	98.4	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3
≥ 900	92.7	97.6	97.9	98.4	98.9	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	92.8	97.7	98.1	98.5	99.1	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	92.8	97.7	98.1	98.5	99.1	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	92.8	97.7	98.1	98.5	99.1	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	92.8	97.7	98.1	98.5	99.1	99.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	92.8	97.7	98.1	98.5	99.1	99.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	92.8	97.7	98.1	98.5	99.1	99.2	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	92.8	97.7	98.1	98.5	99.1	99.2	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	92.8	97.7	98.1	98.5	99.1	99.2	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	92.8	97.7	98.1	98.5	99.1	99.2	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2126

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) | KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) | 44-72 (YEARS) | SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 20000	54.3	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 18000	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 16000	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 14000	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 12000	74.0	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 10000	80.2	81.4	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
≥ 9000	81.5	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 8000	83.1	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 7000	83.5	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 6000	83.8	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 5000	84.0	86.0	86.0	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4500	84.9	86.4	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4000	85.4	86.9	86.9	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500	85.7	87.3	87.3	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3000	86.1	87.7	87.7	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
≥ 2500	86.6	88.3	88.3	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2000	88.6	90.7	90.8	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800	90.6	93.1	93.2	93.7	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	92.1	95.6	95.7	96.4	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	93.6	97.4	97.6	98.3	98.6	98.6	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	93.2	97.6	97.8	98.7	99.2	99.2	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	93.2	97.6	97.9	98.7	99.3	99.3	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	93.2	97.7	97.9	98.8	99.4	99.4	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	93.2	97.7	98.0	98.9	99.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	93.2	97.7	98.0	98.9	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	93.2	97.7	98.0	98.9	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	93.2	97.7	98.0	98.9	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.2	97.7	98.0	98.9	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.2	97.7	98.0	98.9	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.2	97.7	98.0	98.9	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.2	97.7	98.0	98.9	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2130

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604	KWAJALEIN MARSHALL IS/ROI-NAMUR	44-72	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 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
< 20000 ≥ 18000	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
< 18000 ≥ 16000	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
< 16000 ≥ 14000	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	58.4	58.4	58.4
< 14000 ≥ 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
< 12000 ≥ 10000	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
< 10000 ≥ 9000	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
< 9000 ≥ 8000	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
< 8000 ≥ 7000	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
< 7000 ≥ 6000	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
< 6000 ≥ 5000	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
< 5000 ≥ 4500	83.6	83.6	83.6	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
< 4500 ≥ 4000	84.0	84.0	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
< 4000 ≥ 3500	84.2	84.2	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
< 3500 ≥ 3000	84.4	84.4	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
< 3000 ≥ 2500	85.3	85.3	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
< 2500 ≥ 2000	88.3	88.3	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
< 2000 ≥ 1800	91.6	92.2	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
< 1800 ≥ 1500	94.2	95.0	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
< 1500 ≥ 1200	97.0	98.0	98.4	98.6	98.6	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
< 1200 ≥ 1000	97.2	98.5	99.0	99.3	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
< 1000 ≥ 900	97.2	98.5	99.0	99.3	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
< 900 ≥ 800	97.2	98.5	99.0	99.3	99.3	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
< 800 ≥ 700	97.3	98.5	99.0	99.3	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
< 700 ≥ 600	97.3	98.5	99.0	99.3	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
< 600 ≥ 500	97.3	98.5	99.0	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 500 ≥ 400	97.3	98.5	99.0	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 400 ≥ 300	97.3	98.5	99.0	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 300 ≥ 200	97.3	98.5	99.0	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 200 ≥ 100	97.3	98.5	99.0	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 100 ≥ 0	97.3	98.5	99.0	99.3	99.3	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2198

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

DATA PROCESSING FORMS
35782

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHOLZ (STATION NAME) 44-72 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0500 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.9	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 20000	51.2	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
< 20000 ≥ 18000	52.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
< 18000 ≥ 16000	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
< 16000 ≥ 14000	57.2	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
< 14000 ≥ 12000	69.4	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
< 12000 ≥ 10000	76.3	77.8	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
< 10000 ≥ 9000	77.5	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
< 9000 ≥ 8000	79.3	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	81.1
< 8000 ≥ 7000	79.4	81.1	81.2	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
< 7000 ≥ 6000	79.5	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
< 6000 ≥ 5000	79.8	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
< 5000 ≥ 4500	80.0	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
< 4500 ≥ 4000	80.5	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
< 4000 ≥ 3500	80.6	82.8	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
< 3500 ≥ 3000	80.8	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
< 3000 ≥ 2500	81.5	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
< 2500 ≥ 2000	84.7	87.4	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
< 2000 ≥ 1800	86.8	90.1	90.5	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
< 1800 ≥ 1500	89.4	93.9	94.4	94.9	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
< 1500 ≥ 1200	91.3	97.0	98.0	98.6	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
< 1200 ≥ 1000	91.5	97.3	98.4	99.0	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
< 1000 ≥ 900	91.5	97.3	98.4	99.0	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
< 900 ≥ 800	91.5	97.3	98.4	99.0	99.3	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
< 800 ≥ 700	91.5	97.3	98.4	99.0	99.3	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
< 700 ≥ 600	91.5	97.3	98.4	99.0	99.3	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
< 600 ≥ 500	91.5	97.3	98.4	99.0	99.3	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 500 ≥ 400	91.5	97.3	98.4	99.0	99.3	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 400 ≥ 300	91.5	97.3	98.4	99.0	99.3	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 300 ≥ 200	91.5	97.3	98.4	99.0	99.3	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 200 ≥ 100	91.5	97.3	98.4	99.0	99.3	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 100 0	91.5	97.3	98.4	99.0	99.3	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2198

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

DATA PROCESSING FORMS

55782

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-77 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 20000	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 18000	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 16000	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 14000	55.7	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 12000	70.4	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
≥ 10000	78.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 9000	79.9	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
≥ 8000	81.1	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	81.4	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	81.7	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 5000	82.3	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4500	82.5	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4000	82.9	85.0	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3500	83.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3000	83.2	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2500	83.8	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2000	85.9	88.5	88.9	88.9	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1800	90.4	91.6	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1500	91.3	93.5	96.1	96.4	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 1200	92.2	97.0	97.6	98.2	98.3	98.3	98.3	98.6	98.6	98.8	99.0	99.0	99.0	99.1	99.1	99.1
≥ 1000	92.3	97.1	98.0	98.5	98.8	98.9	99.2	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 900	92.4	97.2	98.0	98.6	98.9	98.9	99.3	99.3	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.7
≥ 800	92.4	97.2	98.1	98.6	98.9	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.8	99.8	99.8	99.8
≥ 700	92.5	97.2	98.1	98.6	98.9	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9
≥ 600	92.4	97.2	98.1	98.6	98.9	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9
≥ 500	92.4	97.2	98.1	98.6	98.9	99.0	99.3	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 400	92.4	97.2	98.1	98.6	98.9	99.0	99.3	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 300	92.4	97.2	98.1	98.6	98.9	99.0	99.3	99.4	99.4	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥ 200	92.4	97.2	98.1	98.6	98.9	99.0	99.3	99.4	99.4	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥ 100	92.4	97.2	98.1	98.6	98.9	99.0	99.3	99.4	99.4	99.6	99.7	99.7	99.9	99.9	100.0	100.0
0	92.4	97.2	98.1	98.6	98.9	99.0	99.3	99.4	99.4	99.6	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2198

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 20000	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 18000	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 16000	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 14000	59.8	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	73.6	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 10000	80.9	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 9000	82.3	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 8000	83.6	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 7000	83.8	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
≥ 6000	84.0	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 5000	84.6	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4500	84.8	86.4	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 4000	85.4	87.2	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3500	85.6	87.6	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3000	85.7	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2500	86.1	88.4	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2000	87.7	90.5	90.7	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	89.9	93.0	93.2	93.4	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1500	91.2	95.7	96.3	96.4	96.8	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	92.1	97.1	98.0	98.4	98.5	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	92.2	97.3	98.4	98.8	99.1	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	92.2	97.3	98.4	98.8	99.1	99.1	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	92.2	97.4	98.5	98.9	99.2	99.2	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 700	92.2	97.4	98.5	98.9	99.2	99.2	99.4	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 600	92.2	97.4	98.5	98.9	99.2	99.2	99.5	99.5	99.5	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 500	92.2	97.5	98.5	99.0	99.3	99.3	99.5	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400	92.2	97.5	98.5	99.0	99.3	99.3	99.5	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	92.2	97.5	98.5	99.0	99.3	99.3	99.5	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	92.2	97.5	98.5	99.0	99.3	99.3	99.5	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	92.2	97.5	98.5	99.0	99.3	99.3	99.5	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
0	92.2	97.5	98.5	99.0	99.3	99.3	99.5	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2198

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 20000	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 18000	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 16000	53.1	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 14000	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 12000	71.1	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 10000	78.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 9000	80.1	81.2	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
≥ 8000	81.3	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 7000	81.3	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 6000	81.5	82.8	83.0	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
≥ 5000	81.9	83.4	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4500	82.1	83.6	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4000	82.7	84.3	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3500	83.8	84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3000	83.0	84.7	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	83.3	85.2	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000	86.6	88.0	89.3	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800	89.1	92.5	93.0	93.3	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	90.9	94.9	95.5	95.9	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
≥ 1200	91.8	96.5	97.3	97.8	98.2	98.2	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	91.9	96.9	97.7	98.3	98.6	98.7	99.0	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 900	91.9	96.9	97.7	98.3	98.6	98.7	99.0	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 800	91.9	96.9	97.8	98.3	98.7	98.7	99.2	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 700	91.9	96.9	97.8	98.3	98.7	98.7	99.2	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7
≥ 600	91.9	96.9	97.8	98.3	98.7	98.7	99.2	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8
≥ 500	92.0	97.0	97.9	98.4	98.8	98.8	99.3	99.5	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 400	92.0	97.0	97.9	98.4	98.8	98.8	99.3	99.5	99.5	99.6	99.7	99.7	99.9	99.9	99.9	100.0
≥ 300	92.0	97.0	97.9	98.4	98.8	98.8	99.3	99.5	99.5	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥ 200	92.0	97.0	97.9	98.4	98.8	98.8	99.3	99.5	99.5	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥ 100	92.0	97.0	97.9	98.4	98.8	98.8	99.3	99.5	99.5	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥ 0	92.0	97.0	97.9	98.4	98.8	98.8	99.3	99.5	99.5	99.6	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2197

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHTEL (STATION NAME) 44-72 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1400-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 20000	46.6	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 18000	47.9	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 16000	50.2	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 14000	55.1	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 12000	68.5	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 10000	76.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 9000	77.8	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 8000	78.9	80.2	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 7000	79.1	80.5	80.6	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 6000	79.3	80.7	80.8	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 5000	80.0	81.4	81.6	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	80.9	81.7	81.9	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4000	81.1	82.7	82.9	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
≥ 3500	81.2	82.9	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3000	81.8	83.7	83.9	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2500	82.4	84.4	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	85.0	87.5	87.8	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
≥ 1800	87.8	91.1	91.4	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	89.9	94.4	94.9	95.5	95.5	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 1200	90.8	96.4	97.1	97.9	98.0	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	90.9	96.7	97.5	98.3	98.6	98.7	99.1	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 900	90.9	96.7	97.5	98.3	98.6	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.6	99.6
≥ 800	90.9	96.7	97.5	98.4	98.7	98.9	99.3	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7
≥ 700	90.9	96.7	97.5	98.4	98.7	98.9	99.3	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8
≥ 600	90.9	96.7	97.5	98.4	98.7	98.9	99.4	99.5	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 500	90.9	96.7	97.5	98.4	98.7	98.9	99.4	99.5	99.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 400	90.9	96.7	97.5	98.4	98.7	98.9	99.4	99.5	99.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 300	90.9	96.7	97.5	98.4	98.7	98.9	99.4	99.5	99.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 200	90.9	96.7	97.5	98.4	98.7	98.9	99.4	99.5	99.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	90.9	96.7	97.5	98.4	98.7	98.9	99.4	99.5	99.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0
0	90.9	96.7	97.5	98.4	98.7	98.9	99.4	99.5	99.5	99.6	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2198

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

DATA PROCESSING (DMS)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
≥ 20000	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 18000	46.7	45.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 16000	48.3	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 14000	53.2	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 12000	66.5	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 10000	75.1	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 9000	77.3	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000	78.8	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8
≥ 7000	79.0	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 6000	79.3	81.1	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	80.1	81.8	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4500	80.2	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4000	81.4	83.4	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3500	81.9	83.9	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3000	82.1	84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2500	82.6	85.1	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000	88.1	88.2	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1800	89.9	91.6	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1500	89.6	94.4	95.1	95.5	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200	90.7	96.3	97.3	97.7	98.0	98.0	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	90.9	97.1	98.0	98.5	99.0	99.0	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	90.9	97.1	98.0	98.5	99.0	99.0	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	90.9	97.1	98.0	98.6	99.1	99.1	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	91.0	97.1	98.0	98.7	99.2	99.2	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	91.0	97.1	98.0	98.7	99.2	99.2	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	91.0	97.1	98.0	98.7	99.2	99.2	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	91.0	97.1	98.0	98.7	99.2	99.2	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	91.0	97.1	98.0	98.7	99.2	99.2	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.0	97.1	98.0	98.7	99.2	99.2	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.0	97.1	98.0	98.7	99.2	99.2	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.0	97.1	98.0	98.7	99.2	99.2	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2198

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

60604 (STATION) KWAJALEIN MARSHALL IS/RICHMOND (STATION NAME) 44-72 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 20000	48.8	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 18000	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 16000	51.0	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 14000	55.5	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 12000	69.0	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 10000	76.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 9000	78.8	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 8000	80.8	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
≥ 7000	80.9	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
≥ 6000	81.0	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 5000	81.6	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4500	81.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	82.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3500	83.2	85.2	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3000	83.4	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2500	83.7	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2000	84.3	89.2	89.5	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
≥ 1800	89.2	92.6	92.9	93.0	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	90.8	95.3	95.8	96.0	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1200	91.3	96.5	97.2	97.6	98.0	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	91.6	97.4	98.1	98.7	99.1	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	91.6	97.4	98.1	98.7	99.1	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	91.6	97.4	98.1	98.8	99.2	99.3	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	91.6	97.4	98.2	98.9	99.3	99.3	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	91.6	97.4	98.2	98.9	99.3	99.3	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	91.6	97.4	98.2	98.9	99.3	99.3	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	91.6	97.4	98.2	98.9	99.3	99.3	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	91.6	97.4	98.2	98.9	99.3	99.3	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.6	97.4	98.2	98.9	99.3	99.3	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.6	97.4	98.2	98.9	99.3	99.3	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.6	97.4	98.2	98.9	99.3	99.3	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2197

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

406D4 (STATION) KWAJALEIN MARSHALL IS/BUCHHOLZ (STATION NAME) 44-72 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0700 (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	45.4	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 20000	54.6	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 18000	55.0	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 16000	55.1	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 14000	57.7	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 12000	68.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 10000	76.7	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 9000	76.1	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 8000	77.7	79.6	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
≥ 7000	77.7	79.6	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	77.7	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	78.4	80.4	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
≥ 4500	78.7	80.7	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
≥ 4000	79.1	81.2	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3500	79.2	81.3	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3000	79.3	81.5	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2500	80.0	82.3	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2000	82.6	85.9	86.3	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1800	85.2	89.5	90.1	90.3	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1500	87.9	93.1	94.0	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	88.7	95.8	97.0	97.4	98.0	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	89.1	96.2	97.4	97.9	98.6	98.6	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	89.2	96.2	97.5	97.9	98.7	98.7	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	89.2	96.3	97.6	98.1	98.9	98.9	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	89.2	96.3	97.6	98.1	98.9	98.9	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	89.2	96.3	97.6	98.1	98.9	98.9	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	89.2	96.3	97.6	98.1	99.0	99.0	99.3	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	89.2	96.3	97.6	98.1	99.0	99.0	99.3	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	89.2	96.3	97.6	98.1	99.0	99.0	99.3	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	89.2	96.3	97.6	98.1	99.0	99.0	99.3	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	89.2	96.3	97.6	98.1	99.0	99.0	99.3	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	89.2	96.3	97.6	98.1	99.0	99.0	99.3	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2130

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.4	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 20000	53.2	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 18000	53.3	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 15000	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 14000	56.0	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 12000	66.9	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 10000	72.5	74.5	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 9000	74.0	75.5	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 8000	75.7	77.6	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 7000	75.8	77.8	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 6000	75.9	77.9	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 5000	76.4	78.5	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4500	76.6	78.7	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4000	76.8	79.0	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 3500	77.0	79.4	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3000	77.3	79.7	80.1	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 2500	78.0	80.5	80.9	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 2000	81.4	84.6	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1800	86.3	89.0	89.6	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1500	87.2	93.2	94.0	94.4	94.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	89.2	96.4	97.5	97.9	98.3	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	89.6	96.9	98.0	98.5	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 900	89.6	96.9	98.0	98.5	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 800	89.6	96.9	98.0	98.5	99.0	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 700	89.6	96.9	98.0	98.5	99.0	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	89.6	96.9	98.0	98.5	99.0	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	89.6	96.9	98.0	98.5	99.2	99.2	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	89.6	96.9	98.0	98.5	99.2	99.2	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	89.6	96.9	98.0	98.5	99.2	99.2	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	89.6	96.9	98.0	98.5	99.2	99.2	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	89.6	96.9	98.0	98.5	99.2	99.2	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	89.6	96.9	98.0	98.5	99.2	99.2	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2130

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

91604 (STATION) KWAJALEIN MARSHALL IS/RUCHPLZ (STATION NAME) 44-72 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 20000	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 18000	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 16000	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	50.3	50.3
≥ 14000	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 12000	65.8	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	73.1	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
≥ 9000	74.7	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 8000	76.8	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
≥ 7000	77.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 6000	77.5	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 5000	78.9	80.9	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
≥ 4500	79.0	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4000	79.4	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3500	79.7	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3000	80.0	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
≥ 2500	80.5	83.0	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 2000	82.1	86.1	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8
≥ 1800	85.6	89.3	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.3
≥ 1500	88.8	93.6	94.4	94.6	94.9	94.9	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.3	95.3
≥ 1200	90.0	96.0	96.9	97.2	97.6	97.6	97.8	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.2	98.2
≥ 1000	90.1	96.4	97.4	97.7	98.1	98.2	98.5	98.5	98.5	98.8	98.8	98.8	98.9	98.9	99.0	99.0
≥ 900	90.1	96.4	97.4	97.7	98.1	98.2	98.5	98.5	98.5	98.8	98.8	98.8	98.9	98.9	99.0	99.0
≥ 800	90.1	96.4	97.5	97.8	98.3	98.4	98.7	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.2	99.2
≥ 700	90.1	96.4	97.5	97.9	98.4	98.4	98.8	98.8	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2
≥ 600	90.1	96.4	97.5	97.9	98.4	98.4	98.8	98.8	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2
≥ 500	90.1	96.5	97.6	98.0	98.5	98.5	99.0	99.0	99.0	99.3	99.4	99.4	99.5	99.5	99.6	99.6
≥ 400	90.1	96.5	97.6	98.0	98.5	98.6	99.1	99.1	99.1	99.4	99.5	99.5	99.7	99.7	99.7	99.7
≥ 300	90.1	96.5	97.6	98.0	98.5	98.6	99.1	99.1	99.1	99.4	99.5	99.5	99.7	99.7	99.7	99.7
≥ 200	90.1	96.6	97.7	98.1	98.6	98.7	99.2	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.9	99.9
≥ 100	90.1	96.6	97.7	98.1	98.6	98.7	99.2	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.9	100.0
≥ 0	90.1	96.6	97.7	98.1	98.6	98.7	99.2	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2130

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 20000	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5
≥ 18000	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1
≥ 16000	52.0	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 14000	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3
≥ 12000	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2
≥ 10000	75.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7
≥ 9000	76.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9
≥ 8000	78.7	80.4	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 7000	79.0	80.8	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3
≥ 6000	79.1	80.9	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4
≥ 5000	79.9	81.7	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3
≥ 4500	80.0	81.8	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4
≥ 4000	80.8	82.6	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3
≥ 3500	80.9	82.0	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5
≥ 3000	81.3	83.1	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2500	81.7	83.8	84.2	84.2	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6
≥ 2000	86.7	87.6	88.1	88.2	88.3	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1800	87.1	90.7	91.2	91.4	91.7	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	89.4	93.8	94.5	94.7	95.1	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	90.6	95.9	96.8	97.2	97.7	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 1000	90.7	96.1	97.0	97.4	98.2	98.2	98.5	98.5	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9
≥ 900	90.7	96.1	97.0	97.4	98.2	98.2	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	99.0	99.0
≥ 800	90.8	96.3	97.3	97.9	98.3	98.3	98.9	99.0	99.1	99.1	99.2	99.2	99.3	99.3	99.5	99.5
≥ 700	90.8	96.4	97.3	97.9	98.3	98.3	99.0	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.5	99.5
≥ 600	90.8	96.3	97.3	98.0	98.3	98.4	99.1	99.1	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 500	90.8	96.3	97.3	98.0	98.3	98.5	99.1	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.9	99.9
≥ 400	90.8	96.3	97.3	98.0	98.3	98.6	99.1	99.3	99.3	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 300	90.8	96.3	97.3	98.0	98.3	98.6	99.1	99.3	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	90.8	96.3	97.3	98.0	98.3	98.6	99.1	99.3	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	90.8	96.3	97.3	98.0	98.3	98.6	99.1	99.3	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0
0	90.8	96.3	97.3	98.0	98.3	98.6	99.1	99.3	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2130

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

60604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
≥ 20000	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 18000	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 16000	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 14000	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 12000	67.5	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000	74.2	74.8	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 9000	75.5	76.3	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
≥ 8000	77.7	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 7000	78.1	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 6000	78.3	79.8	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	79.4	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	81.1
≥ 4500	79.5	81.0	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
≥ 4000	79.9	81.5	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3500	80.2	81.9	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3000	80.7	82.4	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2500	81.5	83.4	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	85.1	88.0	88.4	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1800	87.4	91.5	91.9	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1500	89.8	94.7	95.2	95.4	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 1200	90.5	96.3	96.9	97.1	97.7	97.7	97.9	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 1000	90.8	96.8	97.7	98.0	98.6	98.7	99.0	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.4	99.4
≥ 900	90.9	96.9	97.7	98.0	98.6	98.7	99.0	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥ 800	90.8	96.8	97.8	98.2	98.8	98.8	99.2	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7
≥ 700	90.8	96.9	97.9	98.2	98.8	99.0	99.2	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7
≥ 600	90.8	96.8	97.8	98.2	98.8	99.0	99.2	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.7
≥ 500	90.8	96.8	97.8	98.2	98.8	98.9	99.2	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.9	99.9
≥ 400	90.8	96.8	97.8	98.2	98.9	98.9	99.3	99.4	99.4	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 300	90.8	96.8	97.8	98.2	98.9	98.9	99.3	99.4	99.4	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 200	90.8	96.8	97.8	98.2	98.9	98.9	99.3	99.4	99.4	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 100	90.8	96.8	97.8	98.2	98.9	98.9	99.3	99.4	99.4	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 0	90.8	96.8	97.8	98.2	98.9	98.9	99.3	99.4	99.4	99.7	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2131

USAF ETAC FORM AA 04 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1700 (HOURS (EST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 20000	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 16000	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 14000	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 12000	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 10000	66.2	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 9000	72.7	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 8000	74.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 7000	77.5	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000	77.8	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
≥ 5000	78.2	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4500	79.1	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4000	79.1	80.9	81.2	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
≥ 3500	79.8	81.6	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3000	80.2	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2500	80.5	82.5	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2000	81.1	83.2	83.6	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1800	84.6	87.4	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1500	87.1	90.8	91.3	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
≥ 1200	89.7	96.6	95.1	95.4	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	90.6	96.5	97.2	97.5	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	90.9	97.2	98.0	98.3	98.8	98.8	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	90.9	97.3	98.1	98.4	98.9	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	90.9	97.3	98.1	98.4	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 600	90.9	97.3	98.1	98.4	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 500	90.9	97.3	98.1	98.5	99.1	99.1	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 400	90.9	97.3	98.1	98.5	99.2	99.2	99.3	99.4	99.4	99.7	99.7	99.7	99.8	99.9	100.0	100.0
≥ 300	90.9	97.3	98.1	98.5	99.2	99.2	99.3	99.4	99.4	99.7	99.7	99.7	99.8	99.9	100.0	100.0
≥ 200	90.9	97.3	98.1	98.5	99.2	99.2	99.3	99.4	99.4	99.7	99.7	99.7	99.8	99.9	100.0	100.0
≥ 100	90.9	97.3	98.1	98.5	99.2	99.2	99.3	99.4	99.4	99.7	99.7	99.7	99.8	99.9	100.0	100.0
0	90.9	97.3	98.1	98.6	99.2	99.2	99.3	99.4	99.4	99.7	99.7	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2129

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥ 20000	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 18000	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 16000	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 14000	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 12000	64.6	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 10000	72.2	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	74.4	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 8000	77.3	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 7000	77.8	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000	78.2	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 5000	79.1	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4500	79.2	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
≥ 4000	83.3	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	80.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3000	80.7	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	81.3	84.5	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	84.5	88.3	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1800	86.5	91.1	91.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	88.8	94.9	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 1200	90.2	97.3	98.0	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	90.8	98.0	98.9	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 900	90.8	98.0	98.9	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	90.8	98.1	98.9	99.3	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 700	90.8	98.1	98.9	99.3	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	90.8	98.1	98.9	99.3	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	90.8	98.1	98.9	99.3	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	90.8	98.1	98.9	99.3	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	90.8	98.1	98.9	99.3	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	90.8	98.1	98.9	99.3	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	90.8	98.1	98.9	99.3	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	90.8	98.1	98.9	99.3	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2130

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/SUCHOLZ (STATION NAME) 44-72 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 20000	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 18000	54.9	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 16000	56.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 14000	58.7	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 12000	68.7	69.4	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
≥ 10000	75.7	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 9000	77.6	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 8000	79.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 7000	80.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 6000	80.0	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
≥ 5000	80.5	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500	80.6	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4000	81.2	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3500	81.5	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000	81.7	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2500	82.9	84.9	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	85.2	88.2	88.5	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1800	87.4	91.3	91.6	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	88.4	94.4	95.0	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 1200	90.3	95.3	97.2	97.7	97.9	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	90.4	96.7	97.7	98.4	98.7	98.7	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 900	90.4	96.7	97.8	98.5	98.8	98.9	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	90.5	96.8	97.8	98.5	98.9	99.0	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 700	90.5	96.8	97.8	98.5	98.9	99.0	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	90.5	96.8	97.8	98.5	98.9	99.0	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	90.5	96.8	97.8	98.5	98.9	99.0	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	90.5	96.8	97.8	98.5	98.9	99.0	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	90.5	96.8	97.8	98.5	98.9	99.0	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	90.5	96.8	97.8	98.5	98.9	99.0	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	90.5	96.8	97.8	98.5	98.9	99.0	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	90.5	96.8	97.8	98.5	98.9	99.0	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2130

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

60604 (STATION) KWAJALEIN MARSHALL IS/DUGHOLZ (STATION NAME) 44-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.3	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 20000	64.9	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
≥ 18000	65.0	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 16000	65.5	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 14000	67.2	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
≥ 12000	74.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 10000	79.7	81.0	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 9000	80.8	82.1	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
≥ 8000	81.4	83.1	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 7000	81.6	83.3	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 6000	81.7	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000	82.1	84.0	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4500	82.2	84.1	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4000	83.0	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	83.2	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3000	83.5	85.5	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2500	87.9	88.0	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000	88.3	88.9	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1800	90.1	93.5	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	91.6	96.0	96.5	96.7	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	92.5	97.5	98.1	98.4	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	92.7	97.8	98.5	98.8	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	92.8	98.0	98.7	99.0	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	92.8	98.0	98.7	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	92.8	98.0	98.7	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	92.8	98.0	98.7	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	92.8	98.0	98.7	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	92.8	98.0	98.7	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	92.8	98.0	98.7	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	92.8	98.0	98.7	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	92.8	98.0	98.7	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	92.8	98.0	98.7	99.1	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2200

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

DATA PROCESSING FORMS

33782

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BIGHOLZ (STATION NAME) 44-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0900 (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	53.4	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000	63.4	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
≥ 18000	63.4	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
≥ 16000	63.9	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 14000	65.4	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 12000	72.8	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 10000	78.1	79.6	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 9000	79.1	80.7	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 8000	80.1	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 7000	80.2	82.3	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 6000	80.4	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 5000	81.0	83.0	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4500	81.2	83.4	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4000	81.9	84.2	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3500	82.1	84.4	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3000	82.5	85.0	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2500	83.3	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.5	86.5	86.3	86.3	86.3
≥ 2000	85.8	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	89.5	93.2	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1500	90.9	94.7	96.3	96.5	96.5	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	91.9	97.4	98.1	98.4	98.6	98.6	98.8	98.8	98.8	98.9	99.0	98.9	98.9	98.9	98.9	98.9
≥ 1000	92.1	97.9	98.6	98.9	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	92.2	97.9	98.7	99.0	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	92.2	97.9	98.7	99.0	99.3	99.3	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	92.2	97.9	98.7	99.0	99.3	99.3	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	92.2	97.9	98.7	99.0	99.3	99.3	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	92.2	97.9	98.7	99.0	99.3	99.4	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	92.2	97.9	98.7	99.0	99.3	99.4	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	92.2	97.9	98.7	99.0	99.3	99.4	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	92.2	97.9	98.7	99.0	99.3	99.4	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	92.2	97.9	98.7	99.0	99.3	99.4	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
0	92.2	97.9	98.7	99.0	99.3	99.4	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2201

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.8	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 20000	55.6	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
IVV 18000	56.1	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IVV 16000	56.9	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IVV 14000	59.0	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IVV 12000	67.5	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IVV 10000	74.7	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	76.1
IVV 9000	76.4	77.7	77.7	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
IVV 8000	77.6	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IVV 7000	78.0	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IVV 6000	78.2	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IVV 5000	78.9	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IVV 4500	79.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IVV 4000	80.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IVV 3500	80.5	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IVV 3000	81.1	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IVV 2500	82.1	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IVV 2000	85.4	88.4	88.5	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IVV 1800	89.0	92.4	92.5	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IVV 1500	90.8	96.0	96.1	96.4	96.6	96.6	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IVV 1200	91.9	98.0	98.3	98.5	98.8	98.8	98.9	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3
IVV 1000	92.0	98.4	98.6	99.0	99.4	99.4	99.5	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IVV 900	92.0	98.4	98.6	99.0	99.4	99.4	99.5	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IVV 800	92.0	98.4	98.6	99.0	99.4	99.4	99.5	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IVV 700	92.0	98.4	98.6	99.0	99.4	99.4	99.5	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IVV 600	92.0	98.4	98.6	99.0	99.4	99.4	99.5	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IVV 500	92.0	98.4	98.6	99.0	99.4	99.4	99.5	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IVV 400	92.0	98.4	98.6	99.0	99.4	99.4	99.5	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IVV 300	92.0	98.4	98.6	99.0	99.4	99.4	99.5	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IVV 200	92.0	98.4	98.6	99.0	99.4	99.4	99.5	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IVV 100	92.0	98.4	98.6	99.0	99.4	99.4	99.5	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IVV 0	92.0	98.4	98.6	99.0	99.4	99.4	99.5	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2201

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 20000	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 18000	56.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 16000	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 14000	61.0	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
≥ 12000	69.3	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 10000	75.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 9000	77.6	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 8000	79.1	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
≥ 7000	79.6	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
≥ 6000	79.9	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 5000	80.8	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4500	80.8	82.8	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
≥ 4000	81.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3500	82.2	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3000	82.7	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	85.1
≥ 2500	83.5	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2000	87.0	89.8	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800	89.6	93.0	93.3	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	91.5	95.4	95.8	96.0	96.1	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	92.3	97.1	97.7	98.0	98.2	98.2	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	92.3	97.6	98.3	98.6	99.0	99.0	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	92.3	97.6	98.3	98.6	99.0	99.0	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	92.4	97.6	98.3	98.7	99.0	99.0	99.5	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	92.4	97.6	98.3	98.7	99.0	99.0	99.5	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	92.4	97.6	98.3	98.7	99.0	99.0	99.5	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	92.4	97.6	98.3	98.7	99.0	99.0	99.5	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	92.4	97.6	98.3	98.7	99.0	99.0	99.5	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	92.4	97.6	98.3	98.7	99.0	99.0	99.5	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	92.4	97.6	98.3	98.7	99.0	99.0	99.5	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	92.4	97.6	98.3	98.7	99.0	99.0	99.5	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
0	92.4	97.6	98.3	98.7	99.0	99.0	99.5	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2201

DATA PROCESSING FORMS 33793

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/HUCHOLZ (STATION NAME) 44-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 20000	58.2	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	58.7
≥ 18000	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 16000	59.6	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	62.0	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
≥ 12000	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 10000	78.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 9000	80.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 8000	81.6	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 7000	81.9	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 6000	82.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9
≥ 5000	83.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8
≥ 4500	83.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9
≥ 4000	84.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0
≥ 3500	84.6	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3
≥ 3000	84.9	86.6	86.6	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2500	85.6	87.3	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
≥ 2000	88.4	90.5	90.5	90.6	90.7	90.7	90.8	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0
≥ 1800	91.4	93.9	94.0	94.1	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.6	94.6
≥ 1500	92.8	96.0	96.2	96.4	96.6	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.2	97.2
≥ 1200	93.7	97.6	97.9	98.1	98.5	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.2	99.2
≥ 1000	93.9	97.8	98.2	98.5	99.0	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.7
≥ 900	93.9	97.8	98.2	98.5	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 800	93.9	97.8	98.2	98.5	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 700	93.9	97.8	98.2	98.5	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 600	93.9	97.8	98.2	98.5	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 500	93.9	97.8	98.2	98.5	99.0	99.0	99.5	99.5	99.5	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥ 400	93.9	97.8	98.2	98.5	99.0	99.0	99.5	99.5	99.5	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥ 300	93.9	97.8	98.2	98.5	99.0	99.0	99.5	99.5	99.5	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥ 200	93.9	97.8	98.2	98.5	99.0	99.0	99.5	99.5	99.5	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥ 100	93.9	97.8	98.2	98.5	99.0	99.0	99.5	99.5	99.5	99.6	99.7	99.7	99.9	99.9	100.0	100.0
≥ 0	93.9	97.8	98.2	98.5	99.0	99.0	99.5	99.5	99.5	99.6	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2201

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40600 (STATION) KWAJALEIN MARSHALL IS/BUCHHOLZ (STATION NAME) 44-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 20000	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	57.2	57.6	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
≥ 16000	58.0	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	58.4	58.4
≥ 14000	60.1	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 12000	69.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 10000	75.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 9000	76.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 8000	77.7	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
≥ 7000	78.4	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 6000	78.8	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 5000	80.3	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4500	80.4	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
≥ 4000	81.1	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3500	81.5	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3000	81.8	83.7	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	82.4	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2000	85.8	88.1	88.3	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1800	86.9	92.1	92.3	92.5	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	90.7	94.9	95.3	95.5	95.6	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200	92.1	97.2	97.8	98.0	98.4	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	92.4	97.6	98.3	98.7	99.1	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	92.4	97.6	98.3	98.7	99.1	99.2	99.5	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 800	92.4	97.6	98.3	98.7	99.1	99.2	99.5	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 700	92.4	97.6	98.3	98.7	99.1	99.2	99.5	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 600	92.4	97.6	98.3	98.7	99.1	99.2	99.5	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 500	92.5	97.6	98.4	98.8	99.2	99.3	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	92.5	97.6	98.4	98.8	99.2	99.3	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	92.5	97.6	98.4	98.8	99.2	99.3	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	92.5	97.6	98.4	98.8	99.2	99.3	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	92.5	97.6	98.4	98.8	99.2	99.3	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	92.5	97.6	98.4	98.8	99.2	99.3	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2200

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHOLZ (STATION NAME) 44-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (EST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	41.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 20000	57.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 18000	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 16000	59.5	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	62.1	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 12000	70.1	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 10000	75.0	76.1	76.1	76.1	76.2	76.2	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 9000	77.0	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 8000	77.8	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 7000	78.1	79.9	79.9	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 6000	78.6	80.2	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 5000	79.4	81.3	81.3	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4500	79.8	81.7	81.7	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4000	80.5	82.5	82.5	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3500	80.9	82.9	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3000	81.1	83.1	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	81.7	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	84.6	87.1	87.1	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1800	88.2	91.7	91.8	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1500	89.9	94.5	94.9	95.1	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200	91.3	97.0	97.4	97.7	98.0	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	91.5	97.8	98.3	98.7	99.0	99.0	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	91.5	97.9	98.4	98.8	99.2	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	91.5	98.0	98.5	98.9	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	91.5	98.0	98.5	98.9	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	91.5	98.0	98.5	98.9	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	91.5	98.0	98.5	98.9	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	91.5	98.0	98.5	98.9	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	91.5	98.0	98.5	98.9	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	91.5	98.0	98.5	98.9	99.3	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.5	98.0	98.5	98.9	99.3	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	91.5	98.0	98.5	98.9	99.3	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2201

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

DATA PROCESSING FORMS

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	62.4	63.0	63.0	63.0	63.0	63.0	63.0	62.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 18000	63.0	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	63.7	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
≥ 14000	65.3	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 12000	73.7	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 10000	77.8	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 9000	78.7	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 8000	79.7	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 7000	80.0	82.1	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 6000	80.2	82.2	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 5000	80.7	82.8	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4500	81.0	83.1	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4000	82.2	84.3	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3500	82.7	85.0	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3000	83.0	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2500	83.8	86.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2000	85.6	88.5	88.6	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	88.9	92.6	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1500	90.8	95.6	95.9	96.2	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	91.7	97.3	97.7	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	91.8	97.7	98.3	98.8	99.3	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 900	91.8	97.8	98.4	99.0	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	91.8	97.8	98.4	99.0	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 700	91.8	97.8	98.4	99.0	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 600	91.8	97.8	98.4	99.0	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 500	91.8	97.8	98.4	99.0	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 400	92.8	97.8	98.4	99.0	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	91.8	97.8	98.4	99.0	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	91.8	97.8	98.4	99.0	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	91.8	97.8	98.4	99.0	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	91.8	97.8	98.4	99.0	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2200

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

DATA PROCESSING FORMS

PART D SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

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

2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

40604	KWAJALEIN MARSHALL IS/BUCHOLZ	46-72	ALL
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	.6	2.0	6.0	8.5	7.9	7.2	6.1	7.8	10.1	6.1	37.7	7.1	16113
FEB		.7	2.6	5.6	8.9	8.3	7.4	6.2	6.9	9.0	5.3	39.2	7.1	14685
MAR		.7	2.0	5.0	7.7	6.9	7.0	5.4	7.0	9.6	6.1	42.9	7.4	14597
APR		.3	1.2	3.0	4.8	5.7	6.5	5.6	7.3	11.2	7.8	46.6	7.9	15229
MAY		.3	.8	2.8	5.2	6.3	7.1	5.8	7.5	11.1	8.0	45.1	7.8	16111
JUN		.2	1.1	3.4	6.8	6.9	7.5	5.5	7.7	10.7	7.9	42.5	7.6	14863
JUL			.8	3.1	5.5	6.9	7.9	5.9	8.5	11.0	7.2	43.1	7.7	16106
AUG		.2	1.1	3.2	5.7	6.6	7.6	6.2	8.0	11.5	8.0	42.0	7.7	16114
SEP		.3	1.1	4.0	5.4	5.7	7.3	5.1	7.8	10.2	7.5	45.3	7.7	15592
OCT		.1	.9	2.7	4.7	5.9	6.9	5.2	7.7	10.8	8.2	47.1	7.9	16095
NOV		.2	.9	2.6	4.7	6.3	7.2	5.3	8.0	10.7	7.2	47.0	7.9	15601
DEC		.5	1.3	3.6	6.2	7.3	7.5	5.3	7.1	10.3	6.5	44.5	7.6	16118
TOTALS		.3	1.3	3.8	6.2	6.7	7.3	5.7	7.6	10.5	7.2	43.6	7.6	187220

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
40604	KWAJALEIN MARSHALL IS/BUCHOLZ	46-72	JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9	10			
JAN	00-02	.2	2.1	9.1	12.7	8.2	7.2	6.8	8.4	10.0	3.8	31.5	6.6	2013	45.3
	03-05	.7	2.8	9.5	10.2	9.2	7.4	6.1	7.5	10.6	3.9	32.3	6.6	2015	46.8
	06-08	.5	1.8	4.1	6.9	7.4	8.4	6.2	9.2	11.5	6.4	37.9	7.3	2015	55.8
	09-11	.5	2.2	3.8	6.8	7.1	7.4	6.0	7.4	9.5	7.8	41.4	7.4	2015	58.7
	12-14	1.1	2.6	6.2	6.9	6.1	6.5	5.8	7.9	10.3	6.5	40.1	7.2	2014	58.9
	15-17	.9	2.4	3.8	7.4	8.1	6.3	4.9	6.7	9.6	8.5	41.4	7.4	2014	59.5
	18-20	.5	1.6	4.7	6.3	8.1	6.5	5.1	7.3	10.2	7.4	42.3	7.5	2013	59.9
	21-23	.4	1.3	6.6	10.4	9.3	7.7	7.7	7.8	9.3	4.8	34.3	6.8	2014	48.4
TOTALS		.6	2.0	6.0	8.5	7.9	7.2	6.1	7.8	10.1	6.1	37.7	7.1	16113	

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

40604	KWAJALEIN MARSHALL IS/BUCHOLZ	46-72	FEB
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9	10			
FEB	00-02	.5	3.5	9.5	10.9	9.6	7.4	7.5	5.3	7.5	4.0	34.1	6.3	1836	45.6
	03-05	.2	2.3	9.0	10.3	10.8	7.3	5.6	7.7	7.6	4.5	34.5	6.7	1837	46.6
	06-08	.3	1.6	4.2	8.9	8.0	8.3	6.5	6.7	10.6	5.9	39.1	7.2	1837	55.4
	09-11	1.1	2.6	3.7	8.4	7.2	6.6	5.9	6.9	9.6	6.2	41.6	7.3	1837	51.4
	12-14	1.6	3.1	4.2	7.2	6.4	7.4	5.9	6.9	8.4	6.0	42.8	7.3	1834	51.2
	15-17	.9	2.9	4.4	7.2	7.6	7.6	4.4	6.7	8.5	6.7	43.0	7.3	1835	53.2
	18-20	.5	1.7	4.1	7.8	8.5	6.9	6.2	5.9	10.2	6.0	42.0	7.4	1835	50.2
	21-23	.7	3.3	5.6	10.4	8.2	7.7	7.8	6.2	9.8	3.4	36.8	6.8	1834	50.0
TOTALS		.7	2.6	5.6	8.9	8.3	7.4	6.2	6.5	9.0	5.3	39.2	7.1	14605	

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

40604 — STATION
KWAJALEIN MARSHALL IS/BUCHOLZ — STATION NAME
46/49-72 — PERIOD
MAR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	.7	3.3	7.5	10.5	9.1	7.0	5.1	6.4	7.7	3.5	39.2	6.8	1822
	03-05	.3	2.7	7.7	10.3	7.6	7.4	5.2	7.0	6.9	3.9	40.8	7.0	1823
	06-08	.5	1.4	2.6	5.8	6.5	7.6	6.1	7.4	12.2	7.2	41.9	7.6	1826
	09-11	.7	1.3	4.0	6.2	5.6	6.4	4.9	7.1	11.8	7.8	44.2	7.7	1826
	12-14	1.1	1.9	3.8	5.4	5.9	6.6	5.2	6.9	10.5	7.6	44.2	7.6	1823
	15-17	.7	1.7	3.7	6.8	6.6	6.3	5.5	6.9	9.8	8.2	44.0	7.6	1822
	18-20	.3	1.5	2.7	6.7	5.8	7.2	5.9	7.2	8.8	6.1	47.6	7.7	1826
	21-23	1.0	1.9	7.1	8.4	7.7	7.7	5.1	6.7	9.2	6.2	41.1	7.1	1829
TOTALS		.7	2.0	5.0	7.7	6.9	7.0	5.4	7.0	9.6	6.1	42.9	7.4	14599

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

40604 KWAJALEIN MARSHALL IS/BUCHOLZ 46-72 APR

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	.3	1.6	4.9	6.7	8.0	7.2	6.3	6.1	8.7	5.3	44.9	7.5	1902
	03-05	.2	1.5	5.3	6.8	7.3	7.8	6.8	7.2	10.0	4.9	42.2	7.4	1905
	06-08	.1	.7	1.3	3.9	4.6	6.4	5.2	7.3	13.7	9.5	47.3	8.2	1905
	09-11	.5	.7	1.6	3.6	5.1	5.7	5.1	8.1	11.5	9.3	48.8	8.1	1905
	12-14	.4	1.0	1.9	3.5	4.4	6.0	4.8	8.1	11.1	8.7	50.0	8.2	1905
	15-17	.3	1.4	1.9	3.8	4.9	6.0	5.4	6.7	11.4	10.8	47.4	8.1	1902
	18-20	.1	1.3	2.2	4.3	4.5	5.5	4.4	6.7	12.7	7.7	50.3	8.1	1901
	21-23	.4	1.7	4.7	5.7	6.6	7.6	6.6	8.1	10.7	5.8	42.1	7.5	1900
TOTALS		.3	1.2	3.0	4.8	5.7	6.5	5.6	7.3	11.2	7.8	46.6	7.9	15225

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SKY COVER

40604	KWAJALEIN MARSHALL IS/BUCHOLZ	46-72	MAY
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	.6	1.5	5.5	7.5	8.7	7.3	7.0	7.1	7.8	4.3	42.6	7.3	2015
	03-05	.4	1.7	5.4	7.8	7.0	8.6	6.2	7.7	9.0	4.7	41.4	7.3	2013
	06-08	.1	.5	2.0	4.1	5.1	7.1	4.8	8.1	13.5	10.0	44.7	8.0	2015
	09-11	.3	.4	1.6	3.9	6.0	6.7	6.3	9.0	12.1	10.0	43.8	8.0	2015
	12-14	.2	.4	1.2	4.3	5.9	7.7	6.4	7.7	11.8	9.5	44.9	8.0	2013
	15-17	.1	.6	1.4	3.6	5.7	6.6	4.4	7.0	11.8	11.2	47.5	8.2	2013
	18-20	.3	.4	1.8	3.7	5.4	5.0	4.9	7.3	12.8	8.3	50.1	8.2	2014
	21-23	.4	1.2	3.5	6.8	6.9	7.4	6.1	6.3	9.7	5.9	45.9	7.6	2013
TOTALS		.3	.8	2.8	5.2	6.3	7.1	5.8	7.5	11.1	8.0	45.1	7.8	16111

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

40604 — STATION
KWAJALEIN MARSHALL IS/BUCHOLZ — STATION NAME
47-72 — PERIOD
JUN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	.4	1.3	5.9	10.9	8.7	8.3	5.7	6.6	7.9	4.8	39.4	7.0	1858
	03-05	.1	2.5	5.5	9.3	7.4	8.0	7.6	7.4	8.2	4.4	39.6	7.1	1854
	06-08	.1	.5	2.2	4.9	5.8	6.7	5.6	8.6	12.2	8.7	44.8	7.9	1858
	09-11	.1	.8	2.7	5.0	6.1	7.4	5.0	7.6	12.9	9.2	43.1	7.8	1859
	12-14	.3	.9	2.0	5.6	6.8	6.3	4.5	9.1	12.1	10.9	41.5	7.8	1856
	15-17	.1	.8	2.1	4.4	6.3	6.4	5.3	8.0	12.7	10.4	43.6	7.9	1859
	18-20	.2	.6	1.9	5.1	6.4	8.0	4.9	5.9	10.1	9.3	47.3	8.0	1860
	21-23	.2	1.2	5.0	8.9	7.3	8.8	5.3	8.0	9.4	5.2	40.8	7.3	1859
TOTALS		.2	1.1	3.4	6.8	6.9	7.5	5.5	7.7	10.7	7.9	42.5	7.6	14863

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

5

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

40604	KWAJALEIN MARSHALL IS/BUCHOLZ	46-72	JUL
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02		1.4	6.6	8.4	8.4	8.6	7.5	7.4	8.0	3.8	40.0	7.1	2012
	03-05		1.4	5.3	9.2	8.5	8.2	7.4	8.2	8.5	4.0	39.2	7.1	2015
	06-08	.1	.4	2.5	3.7	6.3	9.0	5.0	10.3	13.0	8.2	41.5	7.8	2013
	09-11	.1	.4	1.2	4.5	5.8	7.7	4.7	9.6	12.1	10.9	43.0	8.0	2011
	12-14		.6	1.5	3.7	5.6	8.3	5.8	8.7	13.7	9.7	42.2	7.9	2013
	15-17		.5	1.5	3.9	5.5	6.9	5.4	8.5	12.9	8.5	46.3	8.1	2013
	18-20	.0	.5	1.9	3.7	6.4	6.8	4.8	8.0	10.5	8.4	48.9	8.1	2014
	21-23	.0	.8	4.0	7.1	8.6	8.0	6.9	7.4	9.0	4.4	43.6	7.5	2015
TOTALS		.0	.8	3.1	5.5	6.9	7.9	5.9	8.5	11.0	7.2	43.1	7.7	16106

USAFETAC FORM JUL 44 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SKY COVER

40604	KWAJALEIN MARSHALL IS/BUCHOLZ	46-72	AUG
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	.4	1.9	4.7	8.9	7.3	7.5	6.3	7.6	9.3	4.5	41.4	7.3	2015
	03-05	.3	2.0	7.1	7.5	8.2	8.5	6.6	7.8	8.9	4.9	38.1	7.0	2014
	06-08	.1	1.0	2.9	5.2	6.6	7.3	6.5	8.1	12.9	8.0	41.4	7.7	2015
	09-11		.9	2.0	4.1	6.0	9.4	6.3	7.8	11.5	9.3	42.7	7.8	2015
	12-14		.6	1.6	5.4	5.9	7.4	6.0	8.5	13.6	12.0	39.2	7.8	2013
	15-17	.0	.5	1.5	4.3	5.5	7.2	6.1	9.5	13.6	10.0	41.8	7.9	2013
	18-20	.1	.5	2.3	3.5	6.1	6.6	5.1	6.9	12.4	10.3	46.2	8.1	2014
	21-23	.6	1.0	3.8	6.5	7.3	7.2	6.6	7.9	9.5	5.0	44.9	7.6	2015
TOTALS		.2	1.1	3.2	5.7	6.6	7.6	6.2	8.0	11.5	8.0	42.0	7.7	16114

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SKY COVER

40604	KWAJALEIN MARSHALL IS/BUCHOLZ	46-72	SEP
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	.6	1.5	7.0	7.3	7.2	7.6	4.9	7.1	7.8	4.1	44.8	7.3	1950
	03-05	.4	1.8	6.6	7.7	8.7	9.0	6.0	7.9	8.1	4.2	39.5	7.1	1949
	06-08	.1	1.0	3.3	4.4	4.8	7.3	5.5	8.1	12.2	7.7	45.6	7.9	1948
	09-11	.1	1.1	2.3	4.3	4.3	6.9	5.4	8.8	10.7	9.6	46.5	8.0	1950
	12-14	.2	.9	3.4	4.3	4.8	6.8	5.2	9.4	12.3	10.3	42.6	7.9	1950
	15-17	.1	.8	2.6	3.7	4.4	6.7	6.6	7.7	10.5	10.9	45.9	8.0	1948
	18-20	.2	.6	2.0	5.0	4.6	6.8	4.7	6.2	11.0	8.1	50.9	8.1	1947
	21-23	.6	1.3	4.9	6.1	6.8	7.0	5.2	7.0	9.2	5.1	46.8	7.6	1950
TOTALS		.3	1.1	4.0	5.4	5.7	7.3	5.4	7.8	10.2	7.5	45.3	7.7	15592

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

5

SKY COVER

40604	KWAJALEIN MARSHALL IS/BUCHOLZ	46-72	OCT
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	.1	1.4	5.1	7.0	7.3	7.0	4.8	7.8	8.8	5.7	44.8	7.5	2012
	03-05	.1	1.2	4.5	8.0	7.5	7.9	6.9	7.7	10.0	5.2	40.3	7.3	2012
	06-08	.1	.3	1.4	3.9	5.7	6.7	5.7	7.6	13.3	9.0	46.4	8.1	2012
	09-11		.7	1.7	3.6	5.7	6.8	5.1	7.3	12.5	9.4	46.9	8.1	2012
	12-14	.0	.3	2.0	3.8	6.1	7.0	5.5	8.1	11.5	9.7	45.8	8.0	2011
	15-17	.0	.3	1.5	2.8	4.4	7.3	4.1	7.2	11.2	10.7	50.4	8.3	2012
	18-20		.8	2.1	3.3	4.7	5.8	4.5	7.0	9.4	8.9	53.6	8.3	2012
	21-23	.2	1.4	3.0	5.1	6.1	6.7	5.1	8.6	8.5	6.6	48.4	7.8	2012
TOTALS		.1	.9	2.7	4.7	5.9	6.9	5.2	7.7	10.8	8.2	47.1	7.9	16095

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEA[illegible] SERVICE/MAC

SKY COVER

40604 — STATION
KWAJALEIN MARSHALL IS/BUCHOLZ — STATION NAME
46-72 — PERIOD
NOV — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	.1	.9	4.6	7.1	9.3	8.5	6.2	8.3	9.7	4.3	41.0	7.3	1950
	03-05	.3	1.1	4.4	7.1	9.4	8.9	6.8	8.8	9.1	5.3	38.8	7.2	1950
	06-08	.2	.8	1.7	4.1	5.3	7.0	5.9	8.4	12.3	8.8	45.5	8.0	1950
	09-11	.1	1.2	1.3	4.5	5.3	7.3	5.0	7.5	10.8	10.0	47.0	8.0	1950
	12-14	.2	.7	1.6	3.5	4.8	5.5	4.6	6.4	12.4	9.4	48.9	8.2	1951
	15-17	.1	.6	1.5	2.9	4.8	6.5	4.3	7.3	10.5	9.6	51.8	8.3	1950
	18-20	.1	.6	1.8	3.2	4.5	5.4	5.2	8.4	10.9	5.8	54.1	8.3	1950
	21-23	.2	1.0	3.5	4.9	7.3	8.2	5.9	6.6	9.5	4.4	48.6	7.8	1950
TOTALS		.2	.9	2.6	4.7	5.3	7.2	5.5	8.0	10.7	7.2	47.0	7.9	15601

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

40604	KWAJALEIN MARSHALL IS/BUCHOLZ	46-72	DEC
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	.6	1.8	5.3	8.5	9.7	9.0	6.4	8.9	10.4	4.2	35.1	6.9	2014
	03-05	.7	1.7	5.3	9.3	11.0	9.4	6.5	7.3	10.1	4.2	34.5	6.9	2015
	06-08	.3	1.2	2.8	5.2	6.3	7.9	6.5	6.6	12.2	8.4	42.8	7.7	2015
	09-11	.4	1.1	2.8	4.6	6.2	6.1	4.9	6.6	11.0	9.2	47.1	7.9	2015
	12-14	.6	1.3	2.9	5.4	5.8	6.5	3.6	6.1	9.0	7.5	51.3	8.0	2015
	15-17	.3	1.1	2.9	5.0	5.6	7.0	3.5	5.9	9.8	7.5	51.4	8.0	2014
	18-20	.3	1.0	2.4	4.7	5.7	6.8	4.8	7.0	9.6	6.1	51.5	8.0	2015
	21-23	.4	1.1	4.6	6.9	8.1	7.2	6.0	8.4	10.4	4.6	42.3	7.4	2015
TOTALS		.5	1.3	3.6	6.2	7.3	7.5	5.3	7.1	10.3	6.5	44.5	7.6	16118

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

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

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:

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

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

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

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 computations for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

a. Dry-bulb temperature
b. Wet-bulb temperature
c. Dew-point temperature

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

40604 KWAJALEIN MARSHALL IS/DUCHOLZ 44-71
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM.

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
95			.4	.2				.1	.1	.1			.1
90	1.1	5.0	8.5	11.3	9.3	6.2	12.7	18.1	18.5	19.5	9.2	3.3	10.3
85	72.2	71.8	76.5	76.2	79.7	84.2	87.9	90.7	89.6	89.4	79.2	76.0	81.2
80	100.0	100.0	99.5	100.0	99.9	99.9	100.0	100.0	99.8	99.9	100.0	99.9	99.9
75			100.0		100.0	100.0			100.0	100.0		100.0	100.0
MEAN	85.5	85.9	86.4	86.5	86.5	86.6	87.0	87.4	87.5	87.4	86.5	85.9	86.6
S D	2.055	2.435	2.531	2.624	2.363	2.083	2.103	2.305	2.377	2.413	2.346	1.984	2.398
TOTAL OBS	837	774	837	840	867	810	868	868	839	868	840	868	10116

USAFETAC FORM JUL 64 0215(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-71 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE — MINIMUM
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR.	APR	MAY	JUN.	JUL.	AUG	SEP.	OCT.	NOV.	DEC	ANNUAL
80	9.8	8.4	17.4	22.1	24.4	21.8	16.8	19.6	19.8	23.0	19.3	23.8	18.9
75	92.2	94.2	92.0	94.2	91.2	90.4	89.3	89.1	88.9	89.1	91.5	92.3	91.2
70	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.5	99.9	99.8	100.0	99.9	99.9
65								100.0	100.0	100.0		100.0	100.0
MEAN	77.4	77.4	77.6	77.8	77.7	77.6	77.4	77.4	77.4	77.5	77.6	77.7	77.5
S D	1.833	1.717	1.968	1.907	2.169	2.149	2.113	2.349	2.353	2.411	2.130	2.144	2.122
TOTAL OBS	837	774	837	840	866	810	868	868	839	868	840	868	10113

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

40504 KWAJALEIN MARSHALL IS/BUCHOLZ 44-71
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
90										.1			.0
85	1.7	2.3	5.3	10.5	10.3	8.5	11.5	16.2	17.4	19.7	9.6	4.1	9.9
80	93.5	94.7	93.4	94.3	93.5	94.1	94.7	94.5	94.3	93.4	91.8	93.5	93.8
75	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MEAN	81.7	81.9	82.3	82.4	82.3	82.4	82.4	82.7	82.7	82.7	82.3	82.0	82.3
S D	1.415	1.465	1.563	1.772	1.809	1.695	1.779	1.909	1.950	2.018	1.842	1.613	1.780
TOTAL OBS	837	774	837	840	868	810	868	868	839	868	840	868	10115

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-71 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
44			95	95		89	91	93	95	94	92	90	
45	89	90	91	96	91	89	89	89	89	90	92	87	96
46	87	90	91	91	93		92	92	93	92	93	91	
47	90	91		92	91	91	92	94	93	91	91	90	
48	90	89	90	89	90	90	91	91	90	91	91	89	91
49	89	88	89	89	89	90	89	89	90	90	88	88	90
50	88	87	89	90	90	90	92	91	91	90	91	92	92
51	90	90	88	89	90	90	90	91		92	92	90	
52	89	90	91	92	93	91	91	92	92	92	92	91	93
53	91	90	91	92	93	91	94	92	92	93	92	90	94
54	89	92	91	90	90	90	92	92	92	92	90	85	92
55	83	83	85	87	90	87	92	92	91	89	88	90	92
56	85	84	85	89	88	90	92	93	92	90	90	87	93
57	87	84	89	85	88	87	90	92	92	92	90	87	92
58	89	85	88	87	87	92	91	95	93	97	90	89	97
59	87	84	88	85	88	91	93	94	92	89	96	86	94
60	84	84	87	85	86	86	87	89	90	90	88	87	90
61	88	88	90	89	88	87	89	88	88	89	89	87	90
62	87	89	88	88	89	88	88	89	89	89	88	89	89
63	88	88	90	90	91	89	91	91	90	90	89	88	91
64	87	88	88	87	89	89	88	88	88	88	88	88	89
65	86	89	89	89	90	88	88	90	89	89	88	87	90
66	87	88	90	88	88	90	89	90	92	90	90	87	92
67	88	87	87	90	88	89	90	89	89	89	89	88	90
68	87	88	87	88	87	89	89	91	90	91	90	89	91
69	89	89	89	88	88	89	89	91	91	91	90	88	91
70	89	90	89	90	89	89	90	89	88	88	88	88	90
71	90	88	89	87	89	87	87	88	89	87	88	87	90
MEAN	87.9	87.9	88.9	89.2	89.4	89.2	90.2	90.9	90.7	90.5	89.8	88.4	91.6
S D	1,880	2,413	2,183	2,639	1,822	1,495	1,813	1,931	1,810	2,045	1,735	1,663	2,060
TOTAL OBS	837	762	837	840	837	819	868	868	810	868	840	868	10045

USAF ETAC FORM 0-88 3 (OL1)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-71 (YEARS)

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
44		93 12			90 30								MAX TEMP DAYS
51									92 29				MAX TEMP DAYS
MEAN													
S D													
TOTAL OBS													

USAF ETAC FORM NO. A4 0885 (OL1)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

40609 KWAJALEIN MARSHALL IS/BUCHOLZ 44-71
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
44			75	74		73	73	73	72	73	72	72	
45	73	75	73	73	73	73	71	73	73	72	72	74	71
46	73	73	72	73	74		74	68	67	69	74	74	
47	74	74		75		73	73	69	70	67	74	74	
48	75	74	75	76	74	74	74	74	74	75	72	75	72
49	75	75	74	73	75	74	75	74	74	74	73	74	73
50	75	73	74	75	75	75	73	74	74	72	75	73	72
51	73	75	74	73	73	75	73	75		75	75	75	
52	74	76	77	75	75	75	74	75	74	72	73	74	72
53	75	75	74	75	77	75	72	74	74	76	76	75	72
54	75	75	76	76	74	75	74	73	74	73	75	75	73
55	77	77	72	75	75	74	74	75	76	73	75	74	72
56	76	75	75	75	73	74	75	75	74	74	73	77	73
57	76	75	75	76	76	74	75	76	76	75	74	75	74
58	76	76	76	76	76	73	73	74	76	75	76	76	73
59	75	75	75	75	76	72	76	72	74	75	74	72	72
60	75	76	73	74	73	74	74	74	73	72	73	75	73
61	72	74	72	74	73	73	74	73	73	73	73	73	73
62	74	74	72	73	72	72	73	73	73	72	73	73	72
63	72	71	72	74	74	73	73	74	74	73	73	69	69
64	73	72	74	71	72	71	73	72	72	72	72	72	71
65	71	72	75	74	73	72	72	73	73	74	71	73	71
66	71	74	73	73	74	74	74	74	74	73	73	72	71
67	74	74	73	75	72	73	72	74	73	71	73	72	71
68	73	72	72	72	71	73	73	71	73	73	75	74	71
69	71	73	73	74	74	73	74	74	74	74	75	76	71
70	74	75	74	76	73	74	74	73	72	72	73	75	72
71	73	74	75	73	72	72	73	71	73	73	75	73	71
MEAN	73.9	74.2	73.9	74.3	73.8	73.4	73.5	73.2	73.4	72.9	73.6	73.8	71.8
S D	1.625	1.423	1.423	1.301	1.497	1.086	1.071	1.771	1.822	1.884	1.311	1.641	1.021
TOTAL OBS	837	762	837	840	806	810	868	868	810	868	840	868	10014

USAF ETAC [illegible] 0-88 S (OL)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

40604 KWAJALEIN MARSHALL IS/BUCHOLZ 44-71
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

MONTH / YEAR	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
44		74			72								MIN TEMP
		12			30								DAYS
47					74								MIN TEMP
					30								DAYS
51									76				MIN TEMP
									29				DAYS
MEAN													
S D													
TOTAL OBS													

USAF ETAC FORM 0-8R 5 (OL B)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) ALL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
98/ 97									.0									1	1		
96/ 95								.0	.0	.0								9	9		
94/ 93						.0	.0	.0	.0	.0								46	46		
92/ 91			.0	.0	.0	.1	.1	.0	.0	.0								502	505		
90/ 89		.0	.0	.1	.3	.9	.4	.1	.0									3827	3897		
88/ 87	.0	.0	.2	.6	2.4	1.7	.4	.1	.0									10777	10861	16	7
86/ 85		.0	.4	3.4	4.9	1.5	.2	.0	.0									21214	21371	214	50
84/ 83	.0	.1	2.0	8.4	3.5	.6	.1	.0										29836	29937	1000	344
82/ 81	.0	.9	13.7	14.1	2.3	.3	.0	.0										63477	63823	4028	1222
80/ 79	.0	4.5	14.7	6.5	1.3	.1	.0											54881	55266	27383	5076
78/ 77	.2	4.1	2.2	.6	.1	.0	.0											14681	14771	34704	35589
76/ 75	.3	1.1	.1	.0	.0													2923	2942	66407	82316
74/ 73	.1	.1	.0		.0													262	262	154815	53799
72/ 71	.0	.0																9	9	280116	6626
70/ 69																				388	5413
68/ 67																				27	1510
66/ 65																					361
64/ 63																					93
62/ 61																					9
TOTAL	.6	10.7	33.3	33.8	14.9	5.2	1.3	.2	.0	.0								203534		2	202229
																		202445		202263	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	1311797594	16212688	80.2	7.769	202257							
Dry Bulb	1363695264	16649922	81.8	2.858	203534			8760.0	8759.7	7190.5	2.3	8760
Wet Bulb	1194576975	15539319	76.8	1.904	202263			8760.0	8619.1	634.5		8760
Dew Point	1135826067	15149117	74.9	2.218	202229			8739.7	7708.9	134.9		8760

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 49-72 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89				.0	.0	.1	.1	.0	.0									41	41		
88/ 87		.0	.0	.3	.7	.8	.7	.2	.0									467	467		
86/ 85		.0	.1	.8	2.6	3.3	.9	.1	.0									1314	1332	2	
84/ 83		.0	.5	3.2	5.8	2.5	.4	.0										2081	2090	21	5
82/ 81		.2	5.2	13.6	7.1	.9	.1											4553	4560	112	27
80/ 79	.0	2.2	14.6	10.2	5.5	.8	.0											6581	6605	528	133
78/ 77	.1	2.9	3.3	2.1	.6	.1												1528	1555	3509	842
76/ 75	.1	.8	.2	.1														190	191	7572	3610
74/ 73	.0	.1																16	16	3911	5727
72/ 71																				943	4013
70/ 69																				158	1668
68/ 67																				15	538
66/ 65																					156
64/ 63																					47
62/ 61																					2
TOTAL	.2	6.2	24.0	36.2	22.3	8.6	2.2	.3	.0										16857		16768
																		16771		16771	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1008599789	1293503	77.1	8.038	16769							
Dry Bulb	1108847248	1366336	81.1	2.430	16857			744.0	744.0	561.0		744
Wet Bulb	95259111	1263557	75.3	1.899	16771			744.0	696.5	14.7		744
Dew Point	89547701	1224659	73.0	2.492	16768			736.9	459.0	3.4		744

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93										.0								1	1		
92/ 91							.0	.0	.0	.0								10	10		
90/ 89			.0	.0	.0	.1	.4	.2	.1									131	131		
88/ 87		.0	.1	.4	.8	1.4	1.3	.4	.0									650	650		
86/ 85		.0	.2	1.1	3.0	3.1	.8	.1										1266	1266	4	1
84/ 83		.0	.4	2.1	4.9	1.9	.2	.1										1660	1660	26	8
82/ 81		.2	4.4	11.7	5.6	1.0	.1	.0										3557	3557	115	29
80/ 79	.0	1.9	15.1	19.1	2.0	.5	.0											6447	6449	494	143
78/ 77	.0	3.2	3.6	2.8	.5	.0	.0											1580	1581	3265	632
76/ 75	.1	.8	.2	.1	.0													181	181	6851	3304
74/ 73	.0	.0	.0		.0													11	11	3725	5355
72/ 71	.0																	1	1	897	3756
70/ 69																				109	1672
68/ 67																				9	666
66/ 65																					89
64/ 63																					28
62/ 61																					4
TOTAL	.2	6.2	23.8	38.3	19.6	8.1	2.9	.7	.1	.0								15498			15487
																		15495		15495	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	93093044	1194292	77.1	8.200	15495							
Dry Bulb	102013822	1256704	81.1	2.665	15498			672.0	672.0	487.9	.0	672
Wet Bulb	88032581	1167559	75.4	1.905	15495			672.0	628.0	14.1		672
Dew Point	82669180	1130876	73.0	2.431	15487			666.7	411.0	3.9		672

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-46,48-72 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95									.0	.0								3	3		
92/ 91							.0	.1	.1	.0								41	41		
90/ 89			.0	.2	.0	.4	.7	.3	.1									254	254		
88/ 87		.0	.1	.3	.7	2.0	1.1	.2	.0									726	735		
86/ 85		.1	.4	1.6	3.9	3.0	.7	.1	.0									1640	1674	11	2
84/ 83		.1	.7	2.0	3.1	1.4	.1	.0										2074	2094	48	15
82/ 81		.2	7.1	13.4	6.3	.4	.0											4257	4319	162	71
80/ 79	.0	3.2	16.2	13.8	2.6	.2	.0											5982	6002	897	210
78/ 77	.1	3.7	2.7	1.7	.3	.0	.0											1416	1422	5062	1160
76/ 75	.3	1.0	.2	.1	.0													258	258	7370	4927
74/ 73	.1	.1	.0															22	22	2612	5935
72/ 71		.0																2	2	464	3010
70/ 69																				48	1027
68/ 67																				1	267
66/ 65																					40
64/ 63																					8
62/ 61																					1
TOTAL	.4	8.3	27.5	33.8	17.0	7.4	2.7	.7	.2	.0									16826		16673
																		16675		16675	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	103165373	1304059	78.2	8.421	16675							
Dry Bulb	111706545	1370157	81.4	2.815	16826			744.0	743.9	384.4	.1	744
Wet Bulb	96260616	1266570	76.0	1.845	16675			744.0	721.1	22.1		744
Dew Point	90833032	1230032	73.8	2.308	16673			741.8	549.8	7.0		744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95										.0								1	1		
94/ 93								.0	.0									4	4		
92/ 91							.1	.1	.0									25	28		
90/ 89				.0	.1	.5	1.0	.1										272	324		
88/ 87			.1	.4	1.6	2.4	.6	.0										827	872		
86/ 85		.0	.3	2.4	4.6	1.8	.1	.0										1494	1552	2	
84/ 83		.1	1.4	7.2	3.8	.5	.0	.0										2104	2154	34	6
82/ 81	.0	.4	11.7	7.0	2.2	.1	.0											5085	5268	185	60
80/ 79	.1	4.6	7.3	8.9	.7	.0												5076	5210	1517	265
78/ 77	.2	3.8	2.0	.3	.0													1023	1035	6713	1961
76/ 75	.2	.9	.0															196	197	6465	6522
74/ 73	.1	.0																17	17	1125	5510
72/ 71																				81	1498
70/ 69																				3	245
68/ 67																					35
66/ 65																					10
TOTAL	.6	9.9	32.8	36.2	13.0	5.5	1.8	.2	.0	.0								16124	16662	16125	16122

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1040925 75	1289475	80.0	7.757	16124							
Dry Bulb	1113087 87	1361061	81.7	2.776	16662			720.0	720.0	598.6	.2	720
Wet Bulb	94716558	1235570	76.6	1.607	16125			720.0	716.2	29.4		720
Dew Point	89975806	1204020	74.7	1.887	16122			719.6	640.1	6.7		720

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

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604	KWAJALEIN MARSHALL IS/BUCHOLZ	44-72	MAY
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91						.0	.1	.0										21	21		
90/ 89			.0	.1	.2	.6	.5	.0										255	271		
88/ 87		.0	.2	.7	2.5	1.8	.2	.0										913	933		
86/ 85		.1	.5	4.7	4.5	.8	.0		.0									1786	1812	13	
84/ 83		.1	2.5	10.3	2.4	.1	.0											2596	2619	107	31
82/ 81		1.0	19.3	14.1	.7	.0	.0											3903	3964	337	136
80/ 79	.0	6.0	15.5	2.9	.0													4119	4236	2737	458
78/ 77	.3	4.3	1.3	.0														978	994	8824	3986
76/ 75	.3	1.0	.0															229	240	4442	8075
74/ 73	.0	.1	.0															19	19	337	3686
72/ 71																				10	409
70/ 69																				2	29
68/ 67																					7
TOTAL	.7	12.6	39.3	33.0	10.3	3.3	.9	.0	.0										17109		16817
																		16819		16819	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	113203922	1374666	81.7	7.103	16819							
Dry Bulb	114874673	1401143	81.9	2.735	17109			744.0	744.0	636.6		744
Wet Bulb	100621703	1300839	77.3	1.571	16819			744.0	743.5	99.0		744
Dew Point	96183205	1271493	75.6	1.701	16817			744.0	724.3	13.5		744

USAFETAC FORM 0-26-5 (OL-A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-45,47-72 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91					.0	.0	.0	.0										6	6		
90/ 89			.1	.2	.3	.8	.3	.0										271	273		
88/ 87		.0	.5	.9	3.1	1.7	.1											1021	1023		
86/ 85		.1	.8	4.8	5.4	.8												1880	1883	26	
84/ 83		.2	3.0	9.9	2.0	.1												2448	2450	163	69
82/ 81	.0	2.0	20.9	12.9	.5	.0												5855	5859	447	204
80/ 79	.1	6.8	13.0	2.2	.0													3558	3558	3219	612
78/ 77	.3	3.6	1.4	.0														870	870	8437	4488
76/ 75	.3	.9	.0															186	186	3556	7542
74/ 73	.1	.1																20	20	256	2914
72/ 71																				11	267
70/ 69																					18
68/ 67																					2
TOTAL	.7	13.7	39.8	30.9	11.5	3.1	.4	.0											16128		16116
																		16115		16115	

Element (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	109234917	1321923	82.0	7.032	16115							
Dry Bulb	108734374	1323516	82.1	2.754	16128			720.0	720.0	623.9		720
Wet Bulb	97011390	1250054	77.6	1.646	16115			720.0	719.5	75.2		720
Dew Point	92857071	1222981	75.9	1.757	16116			720.0	707.2	20.8		720

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

USAFETAC

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93							.0											2	2		
92/ 91			.0	.0	.0	.1	.1	.0										33	33		
90/ 89			.1	.1	.8	1.4	.2	.0										460	460		
88/ 87		.0	.2	.8	4.1	1.5	.1											1187	1187	4	2
86/ 85		.1	.4	3.1	5.4	.4												2011	2012	10	5
84/ 83		.1	2.3	10.1	1.9	.1												2543	2543	118	33
82/ 81	.0	1.2	17.9	12.5	.2	.0												5593	5596	542	133
80/ 79	.0	5.4	16.5	1.8	.0	.0												4166	4179	3364	604
78/ 77	.2	4.8	2.2	.1	.0													1276	1293	8586	4317
76/ 75	.3	1.1	.1	.0														268	272	4602	8469
74/ 73	.1	.0																20	20	309	3551
72/ 71	.0																	1	1	13	219
70/ 69																				4	17
68/ 67																					6
66/ 65																					1
TOTAL	.6	12.7	39.8	30.5	12.4	3.5	.4	.0											17598		17557
																		17560		17560	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	118048698	1434560	81.7	6.968	17560							
Dry Bulb	118576919	1443391	82.0	2.986	17598			744.0	744.0	619.3	.1	744
Wet Bulb	105404390	1360164	77.5	1.665	17560			744.0	743.3	80.3		744
Dew Point	100752027	1329685	75.7	1.652	17557			744.0	733.7	15.0		744

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-72 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
96/ 95								.0										1	1		
94/ 93						.0	.0	.1	.0									14	14		
92/ 91					.0	.2	.2	.1										90	90		
90/ 89			.1	.3	.9	1.6	.4	.0										587	587		
88/ 87		.0	.2	.9	3.8	1.7	.1	.0										1197	1200	2	1
86/ 85		.0	.5	2.0	6.0	.6	.0											2123	2128	32	14
84/ 83		.1	2.9	10.3	2.2	.1	.0											2730	2735	139	39
82/ 81		1.3	17.3	12.9	.2	.0												5992	9600	617	159
80/ 79	.0	5.2	14.7	1.3	.1	.0												3737	3750	3565	661
78/ 77	.1	4.5	2.0	.0	.0													1175	1180	8513	4424
76/ 75	.3	1.2	.1	.0														284	286	4349	8451
74/ 73	.1	.0																30	30	320	3537
72/ 71		.0																1	1	22	238
70/ 69																				2	24
68/ 67																					6
66/ 65																					2
TOTAL	.6	12.5	37.8	30.6	13.3	4.2	.9	.2	.0									17561	17602	17561	17556

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	117021808	1427642	81.3	7.394	17561							
Dry Bulb	119214552	1447364	82.2	3.095	17602			744.0	744.0	626.3	.6	744
Wet Bulb	105607599	1361501	77.5	1.699	17561			744.0	743.0	87.1		744
Dew Point	100847579	1330253	75.8	1.716	17556			743.9	732.6	16.6		744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 STATION | KWAJALEIN MARSHALL IS/DUCHOLZ STATION NAME | 44-72 YEARS | SEP MONTH

111 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								.0										2	2		
94/ 93							.0	.1										14	14		
92/ 91					.0	.2	.5	.1	.0									130	130		
90/ 89			.0	.2	.6	1.8	.6	.0										539	539		
88/ 87			.1	.8	3.7	2.3	.1											1184	1186		
86/ 85		.0	.4	4.6	6.7	.7	.0											2106	2109	14	
84/ 83		.1	2.9	10.4	2.6	.0	.0											2721	2722	85	23
82/ 81		.9	15.8	13.5	.6	.0												5250	5252	514	100
80/ 79	.0	4.2	14.0	2.1	.0	.0												3454	3462	3272	573
78/ 77	.2	4.7	2.4	.1	.0													1263	1267	8112	3716
76/ 75	.4	1.4	.1															316	316	4592	8365
74/ 73	.1	.1	.0															31	31	394	3848
72/ 71																				26	350
70/ 69																				2	24
68/ 67																					8
66/ 65																					1
64/ 63																					1
TOTAL	.7	11.5	35.8	31.5	14.3	4.9	1.2	.1	.0									17010	17030	17011	17009

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	111841729	1373287	80.7	7.554	17010							
Dry Bulb	115416056	1400940	82.3	3.164	17030			720.0	720.0	599.9	.7	720
Wet Bulb	101974667	1316769	77.4	1.674	17011			720.0	718.8	79.3		720
Dew Point	97207437	1285527	75.6	1.685	17009			719.9	703.7	11.7		720

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

91604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97									.0									1	1		
96/ 95								.0										2	2		
94/ 93							.0	.0										10	10		
92/ 91				.0	.1	.2	.4	.0										125	125		
90/ 89			.1	.3	.6	2.0	.4											588	588		
88/ 87		.0	.2	.6	3.8	2.1	.1											1200	1200	2	
86/ 85		.1	.3	4.3	6.6	.8	.0	.0										2112	2113	38	10
84/ 83	.0	.1	2.2	11.8	3.2	.1	.0	.0										3061	3062	111	90
82/ 81	.0	1.0	13.9	14.5	.5	.0												3265	3273	479	117
80/ 79	.0	4.3	13.8	2.1	.0	.0												3556	3562	3279	937
78/ 77	.2	4.9	2.3	.0														1299	1299	8173	3686
76/ 75	.4	1.3	.1															309	309	9089	8495
74/ 73	.1	.1	.0															36	36	368	4288
72/ 71	.0																	2	2	28	392
70/ 69																				4	10
68/ 67																					13
66/ 65																					4
64/ 63																					2
TOTAL	.8	11.8	32.8	33.6	14.8	5.2	1.0	.1	.0									17566	17582	17567	17564

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	115107220	1415724	80.6	7.575	17566							
Dry Bulb	119201450	1446926	82.3	3.153	17582			744.0	743.9	621.1	.2	744
Wet Bulb	105220521	1359231	77.4	1.708	17567			744.0	742.6	79.0		744
Dew Point	100271190	1326744	75.5	1.721	17564			743.7	737.9	14.3		744

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93							.0											1	1		
92/ 91					.0	.1	.0	.0										19	19		
90/ 89		.0	.1	.2	.3	1.0	.2	.0										301	301		
88/ 87	.0	.1	.2	.5	2.6	1.4	.1											841	841	7	4
86/ 85		.1	.3	3.6	3.7	1.0	.0											1810	1810	37	10
84/ 83		.1	2.9	10.8	3.2	.2	.0											2933	2933	88	47
82/ 81		1.2	17.0	15.3	1.3	.0												3932	3932	308	115
80/ 79	.1	5.3	13.9	2.3	.2	.0												3720	3722	2748	469
78/ 77	.2	4.7	1.8	.2														1181	1181	8429	3700
76/ 75	.3	1.3	.1	.0														275	275	4900	8030
74/ 73	.1	.1																22	22	460	4002
72/ 71	.0	.0																2	2	37	564
70/ 69																				3	78
68/ 67																					16
TOTAL	.7	12.9	36.3	32.9	13.3	3.6	.4	.0										17037	17039	17037	17035

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	113590962	1385674	81.3	7.225	17037							
Dry Bulb	114483306	1395870	81.9	2.770	17039			720.0	719.9	603.1	.0	720
Wet Bulb	101716570	1316108	77.2	1.665	17037			720.0	717.5	38.4		720
Dew Point	97131756	1285969	75.5	1.806	17035			720.0	692.2	12.7		720

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-72 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91				.0														2	2		
90/ 89			.0	.1	.1	.3	.2	.0										128	128		
88/ 87	.0	.0	.1	.4	1.2	1.2	.2	.0										564	557	1	
86/ 85		.0	.3	2.2	4.6	1.9	.3	.0										1672	1680	17	8
84/ 83		.0	2.0	8.1	5.1	.9	.1	.0										2885	2895	60	18
82/ 81	.0	1.2	3.3	8.1	4.4	.5	.0	.0										6635	6643	214	71
80/ 79	.0	4.3	2.2	7.0	1.3	.3	.0											4485	4531	1763	408
78/ 77	.3	3.8	1.3	.5	.1													1092	1094	7071	2670
76/ 75	.3	1.0	.0	.0	.0													231	231	6619	6326
74/ 73	.1	.0	.0															18	18	1664	5446
72/ 71																				249	1950
70/ 69																				53	601
68/ 67																				2	146
66/ 65																					98
64/ 63																					7
62/ 61																					2
TOTAL	.6	10.3	29.6	36.3	17.0	5.2	.8	.1										17712	17603	17527	17525

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	112537457	1397883	79.8	7.709	17526							
Dry Bulb	117317330	1436412	81.6	2.451	17603			744.0	744.0	628.2		744
Wet Bulb	102751069	1341397	76.5	1.836	17527			744.0	731.1	35.7		744
Dew Point	97550085	1306887	74.6	2.291	17525			741.2	627.4	9.3		744

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 45-72 (YEARS) JAN (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87									.0									1	1		
82/ 81		.2	4.6	10.2	3.1	.3	.0											386	386		
80/ 79	.0	3.0	23.7	29.5	8.7	1.3	.0											1389	1392	7	2
78/ 77	.0	4.1	5.2	3.7	1.0	.3												300	307	299	31
76/ 75	.1	.5	.2	.0														18	14	941	452
74/ 73	.0	.0																2	2	642	746
72/ 71																				169	500
70/ 69																				32	236
68/ 67																				5	73
66/ 65																					24
64/ 63																					9
TOTAL	.2	7.8	33.7	43.4	12.8	2.0	.1		.0									2095	2107	2095	2093

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13520114	167742	80.1	6.533	2095							
Dry Bulb	13345567	167671	79.6	1.118	2107			93.0	93.0	56.6		93
Wet Bulb	11712772	156606	74.8	1.709	2095			93.0	83.9	.0		93
Dew Point	11096146	152312	72.8	2.403	2093			91.2	55.6	.0		93

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 49-72 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87								.0										1	1		
82/ 81		.0	2.7	6.6	1.9	.1	.1											240	240		
80/ 79		2.3	24.3	27.8	9.7	1.0	.0											1366	1370	2	1
78/ 77		4.8	8.5	5.9	1.8	.3												442	450	219	43
76/ 75	.0	1.4	.5	.3														47	47	913	388
74/ 73																				712	743
72/ 71																				198	934
70/ 69																				46	262
68/ 67																				6	87
66/ 65																					28
64/ 63																					10
TOTAL	.0	8.5	36.0	40.6	13.2	1.5	.1	.0										2096	2108		2096
																		2096		2096	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13577383	160123	80.2	6.627	2096							
Dry Bulb	13255407	167141	79.3	1.199	2108			93.0	93.0	46.8		93
Wet Bulb	11645953	156193	74.5	1.709	2096			93.0	81.9			93
Dew Point	11043549	152059	72.5	2.402	2096			91.3	72.1			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHOLZ (STATION NAME) 45-72 (YEARS) JAN (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85						.0												1	1		
84/ 83			.3	.3	.6	.4												34	34		
82/ 81		.1	3.6	10.4	5.6	.8	.1											431	435		
80/ 79		2.5	21.0	24.8	9.4	1.1	.1											1237	1242	15	4
78/ 77		4.1	6.3	4.6	1.4	.2												348	351	232	59
76/ 75	.1	1.1	.7	.1														44	44	932	375
74/ 73		.0																1	1	680	733
72/ 71																				199	502
70/ 69																				35	289
68/ 67																				3	95
66/ 65																					28
64/ 63																					11
TOTAL	.1	7.9	31.9	40.2	17.1	2.5	.2											2096	2108	2096	2096

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13335419	166539	79.5	7.010	2096							
Dry Bulb	13364002	167818	79.6	1.378	2108			93.0	93.0	54.0		93
Wet Bulb	11675836	156394	74.6	1.791	2096			93.0	82.5	.2		93
Dew Point	11045539	152067	72.6	2.483	2096			91.3	52.0			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 45-72 (YEARS) JAN (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
90/ 89					.0		.0											2	2		
88/ 87			.1	.4	.5	.5	.3	.0										39	39		
86/ 85		.0	.3	1.7	4.2	6.3	1.4		.1									294	297		
84/ 83			.8	6.9	11.5	5.8	.9	.1										543	549	8	
82/ 81		.4	6.4	18.5	12.4	2.2	.6											850	852	19	9
80/ 79		1.5	6.3	4.4	1.1	.4												288	288	107	30
78/ 77	.1	2.1	.9															64	64	563	144
76/ 75	.0	.7																16	16	976	471
74/ 73	.0																	1	1	990	671
72/ 71																				63	511
70/ 69																				11	176
68/ 67																					58
66/ 65																					17
64/ 63																					10
TOTAL	.2	4.7	14.9	31.9	29.8	15.1	3.2	.1	.1									2097	2108	2097	2097

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11847665	156673	74.7	8.236	2097							
Dry Bulb	14277506	173426	82.3	2.143	2108			93.0	93.0	86.8		93
Wet Bulb	12068184	159036	75.8	1.858	2097			93.0	89.7	3.2		93
Dew Point	11264844	153598	73.2	2.614	2097			91.8	58.8	.9		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 45-72 (YEARS) JAN (MONTH)

PAGE 1 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89				.1	.1	.5	.3	.1										25	25		
88/ 87		.1	.2	1.4	3.3	4.1	3.6	.6	.0									282	282		
86/ 85		.1	.4	2.2	9.9	11.7	3.6	.4	.0									596	606	2	
84/ 83			1.3	8.6	14.8	5.8	1.0	.2										666	667	13	5
82/ 81		.1	4.2	9.4	4.6	.7	.0											401	401	62	13
80/ 79		.9	2.0	.4	.2													73	73	207	39
78/ 77	.1	1.3	.2															35	35	749	212
76/ 75	.1	.5																14	14	836	493
74/ 73	.0	.1																4	4	193	641
72/ 71																				32	469
70/ 69																				2	136
68/ 67																					31
66/ 65																					13
64/ 63																					2
62/ 61																					1
TOTAL	.3	3.2	8.3	22.2	33.1	22.8	8.6	1.4	.1										2107		2095
																		2096		2096	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10929017	150263	71.7	8.505	2095							
Dry Bulb	14885424	177026	84.0	2.392	2107			93.0	93.0	89.8		93
Wet Bulb	12309037	160571	76.6	1.950	2096			93.0	91.5	7.2		93
Dew Point	11396544	154400	73.7	2.710	2095			92.3	63.2	1.8		93

USAFETAC FORM 0-26-2 (5-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 45-72 (YEARS) JAN (MONTH)

PAGE 1 1900-1700 (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
90/ 89					.1	.3	.1	.0	.0									14	14		
88/ 87				.6	2.0	1.9	1.8	.6										144	144		
86/ 85			.3	2.0	6.4	8.3	2.0	.4										406	411		
84/ 83		.0	1.3	8.3	16.4	6.7	1.2											710	712		
82/ 81		.2	5.8	13.5	9.0	1.2												624	624	31	5
80/ 79		1.6	3.7	1.0	.4	.0												140	141	154	33
78/ 77	.0	1.4	.5	.0	.0													42	43	692	187
76/ 75	.2	.5																14	14	957	512
74/ 73		.1																3	3	222	651
72/ 71																				41	505
70/ 69																					144
68/ 67																					91
66/ 65																					10
TOTAL	.2	3.8	11.6	25.4	34.2	18.5	5.1	1.0	.0										2106		2098
																		2097		2097	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	113844494	153482	73.2	8.337	2096							
Dry Bulb	145285545	175197	83.2	2.286	2106			93.0	93.0	88.4		93
Wet Bulb	122026015	159923	76.3	1.754	2097			93.0	91.2	3.9		93
Dew Point	113562668	154268	73.5	2.470	2098			92.6	61.5	.6		93

USAFETAC FORM 0-26-5 (OL-A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHMLZ (STATION NAME) 45-72 (YEARS) JAN (MONTH)

PAGE 1 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85				.1	.2	.4	.1											17	17		
84/ 83			.2	1.5	2.7	1.5	.1											126	126		
82/ 81		.4	7.7	25.0	14.3	1.8	.1											1033	1033		
80/ 79		2.9	13.0	15.7	5.8	.7												798	804	28	4
78/ 77	.0	2.5	1.5	.4	.3													101	103	417	92
76/ 75	.1	.7	.1															18	19	1021	446
74/ 73		.2																4	4	921	784
72/ 71																				103	489
70/ 69																				7	211
68/ 67																					60
66/ 65																					11
TOTAL	.1	6.6	22.5	42.7	23.4	4.3	.3											2097	2106		2097
																		2097		2097	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12860341	163581	78.0	6.902	2097							
Dry Bulb	13695764	169806	80.6	1.441	2106			93.0	93.0	77.9		93
Wet Bulb	11865306	157704	75.2	1.582	2097			93.0	88.1	.0		93
Dew Point	11195427	153149	73.0	2.247	2097			92.5	58.8			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 45-72 (YEARS) JAN (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83				.1														2	2		
82/ 81		.2	6.6	15.1	5.6	.5												488	489		
80/ 79		2.9	22.6	26.1	8.4	1.4	.1											1291	1294	8	
78/ 77	.2	3.3	3.6	1.7	.5	.0												196	202	338	54
76/ 75	.2	.6	.1															19	19	996	473
74/ 73		.0																1	1	991	758
72/ 71																				138	503
70/ 69																				29	214
68/ 67																				1	63
66/ 65																					29
64/ 63																					5
62/ 61																					1
TOTAL	.4	7.0	32.9	43.1	14.6	2.0	.1											2097	2107	2097	2096

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13405256	167100	79.7	6.351	2097							
Dry Bulb	13436033	168251	79.9	1.117	2107			93.0	93.0	63.4		93
Wet Bulb	11779808	157132	74.9	1.638	2097			93.0	88.7			93
Dew Point	11151386	152806	72.9	2.320	2096			91.6	57.0			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) FEB (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81		.2	3.4	6.8	1.3	.1												229	229		
80/ 79		2.2	24.5	34.2	7.6	.7	.1											1344	1344	2	2
78/ 77		5.5	5.8	5.1	.8	.1												337	337	244	30
76/ 75	.2	1.1	.2	.1	.1													31	31	907	394
74/ 73	.1																	1	1	633	699
72/ 71																				160	512
70/ 69																				17	228
68/ 67																				3	64
66/ 65																					7
64/ 63																					3
62/ 61																					2
TOTAL	.2	9.0	33.9	46.2	9.8	.9	.1												1942		1941
																		1942		1942	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12641985	156221	80.4	6.218	1942							
Dry Bulb	12240323	154163	79.4	1.090	1942			84.0	84.0	44.0		84
Wet Bulb	10838409	145047	74.7	1.592	1942			84.0	76.2			84
Dew Point	10276450	141166	72.7	2.231	1941			83.5	48.7			84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83				.1														1	1		
82/ 81		.1	1.1	4.0	.3													104	104		
80/ 79	.1	2.0	6.6	2.7	0.8	1.2												1339	1339	3	1
78/ 77		5.3	8.6	7.7	1.0	.2	.1											442	442	145	18
76/ 75	.1	1.3	.4	.5														45	45	903	336
74/ 73		.1																1	1	647	725
72/ 71																				199	500
70/ 69																				33	294
68/ 67																				2	73
66/ 65																					17
64/ 63																					6
62/ 61																					1
TOTAL	.2	8.7	16.6	15.0	8.1	1.3	.1											1932	1932		1931
																		1932		1932	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12641683	155811	80.6	6.270	1932							
Dry Bulb	12094746	152848	79.1	1.103	1932			84.0	84.0	34.9		84
Wet Bulb	10721135	143887	74.5	1.618	1932			84.0	73.8	.0		84
Dew Point	10165691	140039	72.5	2.240	1931			83.0	47.0			84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-72 (YEARS) FEB (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89							.1											1	1		
88/ 87							.2		.1									5	5		
86/ 85					.1	.2	.2	.1										8	8		
84/ 83			.2	.5	.6	.3	.1											30	30		
82/ 81		.2	2.3	7.7	3.1	.7	.1											273	273		
80/ 79		2.5	21.9	29.8	7.6	1.0	.1											1222	1223	11	
78/ 77	.1	4.3	7.1	6.1	1.2	.1												367	368	197	40
76/ 75	.2	1.2	.2	.1														34	34	852	348
74/ 73			.1		.1													2	2	653	661
72/ 71																				198	533
70/ 69																				27	245
68/ 67																				4	85
66/ 65																					21
64/ 63																					9
TOTAL	.3	8.2	31.7	44.2	12.6	2.3	.6	.1	.1									1942	1944	1942	1942

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12394234	154560	79.6	6.930	1942							
Dry Bulb	12288986	154538	79.5	1.437	1944			84.0	84.0	43.6		84
Wet Bulb	10798562	144776	74.5	1.686	1942			84.0	74.1			84
Dew Point	10220319	140807	72.5	2.374	1942			82.7	43.4			84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) FEB (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
92/ 91								.1	.1									2	2		
90/ 89							.2	.2	.1									7	7		
88/ 87		.1	.1	.5	.6	1.1	1.3	.3	.1									75	75		
86/ 85			.6	2.7	5.3	5.3	2.0	.1										308	308	1	1
84/ 83		.1	1.4	6.9	10.8	4.0	.6	.1										461	461	1	
82/ 81		.1	5.8	16.8	10.5	2.6	.2	.1										698	698	29	5
80/ 79		1.2	6.5	6.4	2.1	.2												316	316	110	37
78/ 77	.1	1.5	.7	.1														45	45	557	113
76/ 75	.3	.6	.1															19	19	857	455
74/ 73	.1																	2	2	317	624
72/ 71																				56	439
70/ 69																				5	195
68/ 67																					52
66/ 65																					9
64/ 63																					2
62/ 61																					1
TOTAL	.5	3.5	15.1	33.5	29.2	13.2	4.2	.7	.2									1933	1933		1933
																		1933		1933	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10880044	144144	74.6	8.241	1933							
Dry Bulb	13144255	139333	82.4	2.362	1933			84.0	84.0	78.5		84
Wet Bulb	11153896	146790	75.9	1.878	1933			84.0	81.3	3.6		84
Dew Point	10403071	141721	73.3	2.591	1933			83.5	53.7	.8		84

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

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93										.1								1	1		
92/ 91							.2	.1	.1	.1								5	6		
90/ 89			.1	.2	.2	.7	1.8	1.1	.3									86	86		
88/ 87		.1	.5	2.0	2.9	6.2	5.6	1.8	.1									371	371		
86/ 85		.1	.3	2.6	10.7	9.6	2.7	.2										507	507	3	
84/ 83		.1	.6	7.5	9.5	4.0	.5	.3										435	435	21	8
82/ 81		.3	4.0	10.8	5.5	.8	.1											416	416	52	17
80/ 79		1.2	2.3	.5	.2													82	82	192	58
78/ 77	.1	1.3	.2															32	32	796	156
76/ 75	.1	.3																6	6	682	522
74/ 73																				178	573
72/ 71																				13	386
70/ 69																				5	167
68/ 67																					43
66/ 65																					8
64/ 63																					4
TOTAL	.2	3.3	7.8	23.6	29.0	21.4	10.8	3.4	.4	.1								1942	1942		1942
																		1942		1942	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9986794	138136	71.1	9.108	1942							
Dry Bulb	13839049	163855	84.4	2.675	1942			84.0	84.0	81.9	.0	84
Wet Bulb	11446618	149046	76.7	1.970	1942			84.0	83.2	6.4		84
Dew Point	10573585	143197	73.7	2.751	1942			83.9	57.7	2.2		84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-72 (YEARS) FEB (MONTH)

PAGE 1 1900-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91							.1	.1										2	2		
90/ 89				.1		.2	1.1	.5	.1									37	37		
88/ 87				.6	1.3	3.8	3.5	.8	.1									196	196		
86/ 85		.1	.5	3.1	7.1	9.1	1.7	.1										417	417		
84/ 83		.1	1.1	7.6	13.1	6.2	.7	.2										559	559	4	
82/ 81		.1	5.1	14.7	7.7	2.0												570	570	34	7
80/ 79		.8	2.8	1.2	.4	.1												104	104	142	40
78/ 77		1.6	.2															34	34	700	144
76/ 75		.3	.1															12	12	795	476
74/ 73																				222	645
72/ 71																				32	406
70/ 69																				2	161
68/ 67																					40
66/ 65																					11
64/ 63																					1
TOTAL		3.1	9.9	27.2	29.6	21.3	7.0	1.7	.2										1931		1931
																		1931		1931	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	10270977	139883	72.4	8.436	1931							
Dry Bulb	13433873	161291	83.5	2.401	1931			84.0	84.0	80.5		84
Wet Bulb	11260697	147419	76.3	1.798	1931			84.0	82.5	3.9		84
Dew Point	10450180	141972	73.5	2.496	1931			83.9	57.1	.7		84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) FEB (MONTH)

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
88/ 87					.1		.1											2	2		
86/ 85				.1	.4	.0	.2	.1										25	25		
84/ 83			.2	2.6	5.0	1.1	.1											174	174		
82/ 81		.1	7.9	21.1	11.8	1.7	.2	.1										833	833		
80/ 79	.1	2.4	13.9	17.4	5.7	.2												772	772	17	3
78/ 77	.1	2.6	2.1	.8	.6													120	120	385	73
76/ 75	.3	.3	.2	.1														15	15	953	407
74/ 73	.1	.1																2	2	472	702
72/ 71	.1																	1	1	106	498
70/ 69																				11	188
68/ 67																					59
66/ 65																					9
64/ 63																					2
TOTAL	.5	5.4	24.2	42.0	23.7	3.6	.5	.1											1944		1941
																		1944		1944	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11895396	151456	77.9	7.012	1944							
Dry Bulb	12646987	156769	80.6	1.563	1944			84.0	84.0	68.9		84
Wet Bulb	10995403	146169	75.2	1.601	1944			84.0	78.9	.1		84
Dew Point	10346832	141632	73.0	2.230	1941			83.5	51.3	.1		84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) FEB (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
88/ 87						.1												1	1		
86/ 85					.1													1	1		
82/ 81		.4	5.6	11.8	4.6	.2												434	434		
80/ 79		3.2	21.9	30.9	9.3	.5												1268	1269	11	2
78/ 77		3.7	3.8	2.3	.7													203	203	271	58
76/ 75	.1	.7	.2															19	19	902	366
74/ 73	.1	.1																3	3	603	726
72/ 71																				133	482
70/ 69																				9	234
68/ 67																					50
66/ 65																					7
64/ 63																					1
TOTAL	.2	8.0	31.5	45.0	14.6	.7													1930		1926
																		1929		1929	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12382271	154081	79.9	6.232	1929							
Dry Bulb	12275603	153907	79.7	1.105	1930			84.0	84.0	56.0		84
Wet Bulb	10817861	144425	74.9	1.562	1929			84.0	77.8	.0		84
Dew Point	10235552	140342	72.9	2.191	1926			83.7	50.2	.0		84

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

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 STATION | KWAJALEIN MARSHALL IS/BUCHOLZ STATION NAME | 44-46,48-72 YEARS | MAR MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
82/ 81		.1	7.0	13.3	1.9														462	473		
80/ 79	.0	5.1	27.5	24.9	3.8	.1													1280	1286	8	3
78/ 77	.1	5.8	4.1	3.7	.6														296	298	436	87
76/ 75	.3	1.2	.1	.2	.1														42	42	1104	573
74/ 73		.0																	1	1	450	858
72/ 71		.0																	1	1	73	378
70/ 69																					11	147
68/ 67																						33
66/ 65																						3
TOTAL	.5	12.3	38.7	42.0	6.4	.1														2101		2082
																			2082		2082	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14026771	170433	81.9	6.007	2082							
Dry Bulb	13327282	167314	79.6	1.227	2101			93.0	93.0	60.4		93
Wet Bulb	11805623	156747	75.3	1.493	2082			93.0	89.2	.1		93
Dew Point	11254554	153016	73.5	2.043	2082			92.9	67.9			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-46,48-72 (YEARS) MAR (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
86/ 85							.0											1	1		
82/ 81		.2	3.2	6.2	.8													217	226		
80/ 79		4.4	31.4	27.5	4.3	.3												1416	1422	8	2
78/ 77	.1	6.0	7.2	4.4	.9	.0												390	393	324	65
76/ 75	.3	1.5	.5	.3	.1													56	56	1086	542
74/ 73		.1																3	3	526	815
72/ 71		.0																1	1	124	447
70/ 69																				16	167
68/ 67																					39
66/ 65																					6
64/ 63																					1
TOTAL	.4	12.3	42.3	38.5	6.1	.3	.0												2102		2084
																		2084		2084	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14120098	171086	82.1	5.992	2084							
Dry Bulb	13225011	146711	79.3	1.205	2102			93.0	93.0	49.0		93
Wet Bulb	11738792	156376	75.0	1.512	2084			93.0	86.8			93
Dew Point	11198342	152704	73.3	2.083	2084			92.7	63.5			93

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-46,48-72 (YEARS) MAR (MONTH)

 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
90/ 89							.0	.0										2	2		
88/ 87						.2	.2	.0										10	10		
86/ 85				.1	.2	.3	.3	.0										22	22		
84/ 83		.0	.4	1.7	1.3	.6	.0											86	88		
82/ 81		.3	5.7	10.6	3.7	.2												430	441	2	
80/ 79		3.3	25.7	23.8	5.4	.5	.0											1225	1231	26	9
78/ 77	.1	5.0	4.9	2.1	.7		.0											268	268	387	81
76/ 75	.4	1.1	.2	.1														36	36	1065	541
74/ 73	.2	.1	.0															7	7	500	797
72/ 71																				91	436
70/ 69																				14	158
68/ 67																				1	52
66/ 65																					9
64/ 63																					2
62/ 61																					1
TOTAL	.7	9.8	37.0	38.4	11.4	1.9	.7	.1										2086	2105		2086
																		2086		2086	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13658753	168159	80.6	7.074	2086							
Dry Bulb	13453938	168250	79.9	1.678	2105			93.0	93.0	61.3		93
Wet Bulb	11810374	156924	75.2	1.612	2086			93.0	88.3	.4		93
Dew Point	11215092	152884	73.3	2.206	2086			92.5	63.7	.1		93

USAFETAC FORM 0-26-5 (OL A) AC 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-46,48-72 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91							.1	.3	.2									14	14		
90/ 89						.3	.9	.9	.3									50	50		
88/ 87		.1	.1	.2	1.2	2.6	1.6	.3										128	129		
86/ 85		.1	1.2	3.9	7.0	4.6	1.5	.0										384	394	3	1
84/ 83		.2	2.0	9.9	11.4	3.3	.3	.0										564	572	12	3
82/ 81		.2	8.4	14.2	8.1	1.2	.1											672	673	43	21
80/ 79		1.8	5.3	1.4	.2													182	183	199	61
78/ 77	.1	2.1	.8	.1														64	64	841	209
76/ 75	.4	.7	.1															24	24	781	657
74/ 73	.0	.0																2	2	180	617
72/ 71																				23	368
70/ 69																				2	111
68/ 67																					29
66/ 65																					6
64/ 63																					1
TOTAL	.5	5.3	7.9	29.0	27.9	11.9	4.6	1.6	.5										2105		2084
																		2084		2084	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11946584	156676	75.2	8.970	2084							
Dry Bulb	14534855	174827	83.1	2.662	2105			93.0	93.0	86.4		93
Wet Bulb	12749314	159728	76.6	1.896	2084			93.0	91.9	6.3		93
Dew Point	11467215	154492	74.1	2.528	2084			92.7	70.0	1.9		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHOLZ (STATION NAME) 44-46,48-72 (YEARS) MAR (MONTH)

PAGE 1 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95									.1	.0								3	3		
92/ 91							.2	.3	.4	.0								22	22		
90/ 89			.2	.2	.0	1.7	3.4	1.0	.1									140	140		
88/ 87		.1	.4	1.3	3.3	3.3	4.2	.7	.0									382	388		
86/ 85		.2	1.2	4.5	12.2	9.7	1.6	.3	.0									621	634	7	1
84/ 83		.3	1.3	1.4	3.5	2.5	.2											505	505	26	9
82/ 81		.2	4.6	6.3	1.7	.2												272	272	68	33
80/ 79	.0	1.3	2.0	.3														75	75	361	72
78/ 77	.0	1.6	.1															38	38	978	251
76/ 75	.1	.7	.1															19	19	948	719
74/ 73	.1	.1																5	5	87	583
72/ 71																				7	313
70/ 69																					70
68/ 67																					27
66/ 65																					2
64/ 63																					2
TOTAL	.3	4.6	9.9	24.1	25.8	22.4	9.6	2.4	.7	.1								2082	2101	2082	2082

Element: (X)	$\Sigma x'$	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.	11054362	150416	72.2	9.495	2082							
Dry Bulb	15109282	178068	84.8	2.872	2101			93.0	93.0	89.0	.1	93
Wet Bulb	12471910	161094	77.4	1.875	2082			93.0	92.7	9.3		93
Dew Point	11582249	155193	74.5	2.576	2082			92.8	74.5	3.2		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

5

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-46,48-72 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91								.1	.0	.0								5	5		
90/ 89			.0	.0	.1	.9	1.2	.5	.1									61	61		
88/ 87			.2	.5	1.3	4.4	2.7	.5										201	203		
86/ 85		.0	1.0	4.3	11.0	9.0	2.0	.1	.0									574	585	1	
84/ 83		.0	1.7	12.3	13.3	3.5	.5	.0										653	658	10	3
82/ 81		.3	5.2	8.7	3.9	.4	.0											388	388	45	14
80/ 79		1.9	2.8	.7	.4	.0												121	121	247	93
78/ 77	.1	2.4	.5	.0	.0													44	44	924	233
76/ 75	.1	.5	.0															15	15	696	698
74/ 73	.0																	1	1	142	638
72/ 71																				18	335
70/ 69																					117
68/ 67																					24
66/ 65																					6
64/ 63																					2
TOTAL	.3	5.1	11.5	26.6	30.1	18.2	6.5	1.3	.2	.0								2083	2101		2083
																		2083		2083	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11432112	153182	73.5	8.963	2083							
Dry Bulb	14759891	176015	83.8	2.575	2101			93.0	93.0	87.6		93
Wet Bulb	12310711	160093	76.9	1.761	2083			93.0	92.2	5.2		93
Dew Point	11472073	154499	74.2	2.467	2083			92.6	71.4	1.7		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 46-46,48-72 (YEARS) MAR (MONTH)

PAGE 1 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89						.0												1	1		
88/ 87						.2		.0										5	5		
86/ 85			.0	.1	.8	.7	.1											38	38		
84/ 83			.5	4.4	6.2	1.3	.1											262	267		
82/ 81		.3	11.0	26.5	10.1	.9	.1											1019	1032	4	3
80/ 79		3.9	12.8	11.0	2.3	.2												630	630	38	8
78/ 77	.0	2.6	1.0	1.1	.1													101	101	676	137
76/ 75	.2	1.1	.0	.0														29	29	993	630
74/ 73	.0																	1	1	321	773
72/ 71																				52	278
70/ 69																				2	124
68/ 67																					27
66/ 65																					5
TOTAL	.3	7.9	25.5	43.1	19.5	3.4	.3	.0											2104		2085
																		2086		2086	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13122972	164812	79.0	6.974	2086							
Dry Bulb	13802788	170378	81.0	1.674	2104			93.0	93.0	79.9		93
Wet Bulb	11987188	158098	75.8	1.539	2086			93.0	90.6	.9		93
Dew Point	11338238	153690	73.7	2.124	2085			92.8	69.2	.1		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-46,48-72 (YEARS) MAR (MONTH)

PAGE 1 2100-2300 (HOURS (L, S, T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83				.1		.1												4	4		
82/ 81		.1	1.9	21.1	4.5	.5												797	814		
80/ 79		3.5	22.1	20.5	4.1	.2												1053	1054	10	2
78/ 77	.1	4.0	2.8	2.1	.4													199	196	496	97
76/ 75	.3	1.3	.1															37	37	1097	607
74/ 73	.1																	2	2	406	854
72/ 71																				76	355
70/ 69																				3	133
68/ 67																					36
66/ 65																					3
TOTAL	.5	9.0	36.9	43.8	9.1	.8												2088	2107	2088	2087

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13803721	169295	81.1	6.085	2088							
Dry Bulb	13493498	168594	80.0	1.244	2107			93.0	93.0	70.8		93
Wet Bulb	11886504	157510	75.4	1.486	2088			93.0	89.5	.1		93
Dew Point	11305269	153545	73.6	2.035	2087			92.9	69.5			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) APR (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89																			1		
88/ 87						.0												1	1		
82/ 81		.4	4.0	8.7	1.0	.0												689	726		
80/ 79	.1	7.5	30.2	17.3	.9	.0												1130	1156	20	10
78/ 77	.3	4.9	2.8	.4														170	173	688	162
76/ 75	.2	.6	.1															20	20	1080	778
74/ 73	.2	.0																5	5	213	824
72/ 71																				19	207
70/ 69																					27
68/ 67																					5
66/ 65																					2
TOTAL	.8	13.5	47.1	26.4	2.0	.1													2082		2015
																		2015		2016	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	140538 10	167912	83.3	5.527	2015							
Dry Bulb	133295 60	166546	80.0	1.201	2082			90.0	90.0	66.4		90
Wet Bulb	116364 63	153143	76.0	1.248	2016			90.0	89.3	.2		90
Dew Point	111502 72	149854	74.4	1.689	2015			89.9	79.2	.2		90

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81		.1	10.3	11.2	.7													450	459		
80/ 79	.0	7.1	23.7	21.1	1.5													1281	1331	12	10
78/ 77	.2	6.0	4.5	1.0	.2													241	247	541	94
76/ 75	.5	1.5	.0															43	44	1151	762
74/ 73	.1	.0																4	4	288	836
72/ 71																				26	256
70/ 69																				1	55
68/ 67																					6
TOTAL	.9	14.8	48.5	33.3	2.4														2085		2019
																		2019		2019	

Element (λ)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1414?346	148634	83.5	5.518	2019							
Dry Bulb	13230354	166070	79.6	1.179	2085			90.0	90.0	58.1		90
Wet Bulb	11575112	152856	75.7	1.254	2019			90.0	88.8	.0		90
Dew Point	1109?702	149648	74.1	1.697	2019			90.0	75.9	.0		90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-72 (YEARS) APR (MONTH)

PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89							.0											1	1		
88/ 87						.2	.1	.1										4	4		
86/ 85				.2	1.2	.6	.0	.0										43	43		
84/ 83		.1	.7	2.8	2.5	.3												128	135		
82/ 81		.4	11.6	18.2	1.7	.0												647	675	2	
80/ 79	.1	5.3	20.7	13.7	1.5													955	986	90	15
78/ 77	.2	5.8	3.1	.6	.1													197	197	669	147
76/ 75	.2	1.7																39	39	1081	775
74/ 73	.0																	1	1	198	813
72/ 71																				18	215
70/ 69																				1	43
68/ 67																					9
66/ 65																					2
TOTAL	.5	13.3	42.1	35.5	7.0	1.1	.2	.1											2085		2019
																		2019		2019	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	137771042	166220	82.3	6.547	2019							
Dry Bulb	13465763	167519	80.3	1.763	2085			90.0	90.0	67.5		90
Wet Bulb	11669556	153472	76.0	1.327	2019			90.0	89.2	.5		90
Dew Point	11152699	150015	74.3	1.712	2019			89.9	78.0	.2		90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHHOLZ (STATION NAME) 44-72 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93									.1									2	2		
92/ 91							.1	.0	.0									4	4		
90/ 89						.7	1.3	.1										43	47		
88/ 87			.2	.7	3.0	4.6	1.3	.1										201	214		
86/ 85			.8	5.8	9.5	3.6	.2											403	423	1	
84/ 83		.3	3.4	14.8	8.8	1.5												581	602	5	2
82/ 81		.4	10.9	12.2	2.5	.3	.0											534	539	50	14
80/ 79	.0	2.4	4.7	.8	.0													162	165	376	67
78/ 77	.2	2.5	.7															70	70	1072	380
76/ 75	.2	.6	.0															18	18	465	887
74/ 73																				47	478
72/ 71																				2	163
70/ 69																					23
68/ 67																					3
66/ 65																					1
TOTAL	.5	6.4	20.8	34.3	23.8	10.7	3.1	.2	.1									2018	2084		2018
																		2018		2018	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12125135	155533	77.1	8.264	2018							
Dry Bulb	14503171	173763	83.4	2.674	2084			90.0	90.0	83.8	.1	90
Wet Bulb	12095781	156202	77.4	1.560	2018			90.0	89.9	7.5		90
Dew Point	11412123	141701	75.2	2.012	2018			90.0	81.5	1.6		90

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-72 (YEARS) APR (MONTH)

PAGE 1 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95										.0								1	1		
94/ 93								.0	.0									2	2		
92/ 91							.4	.4	.0									18	20		
90/ 89				.0	.5	2.2	4.1	.6										150	181		
88/ 87			.7	1.9	6.9	9.4	1.6	.0										417	431		
86/ 85		.0	.8	7.5	13.1	4.3	.2											529	536	1	
84/ 83		.4	3.6	14.8	5.1	.7	.1											497	500	23	4
82/ 81		.5	5.1	4.9	1.0	.1												233	239	96	33
80/ 79	.1	1.9	2.6	.5														104	104	598	104
78/ 77	.0	2.1	.3															50	50	981	437
76/ 75	.3	.6																19	19	286	842
74/ 73																				30	465
72/ 71																				1	113
70/ 69																					15
68/ 67																					2
66/ 65																					1
TOTAL	.4	5.6	13.1	29.7	26.7	16.7	6.4	1.1	.1	.0								2016	2083	2016	2016

Element (X)	$\Sigma X'$	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.	11382258	150432	74.6	8.832	2016							
Dry Bulb	14999376	176648	84.8	3.006	2083			90.0	90.0	84.9	.1	90
Wet Bulb	12280933	157311	78.0	1.646	2016			90.0	90.0	14.3		90
Dew Point	11509360	132266	75.5	2.101	2016			90.0	84.2	3.2		90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91							.1	.0										3	4		
90/ 89						1.3	2.4	.1										78	94		
88/ 87			.1	.6	2.6	4.8	1.5	.0										194	212		
86/ 85		.1	.4	5.4	12.4	5.6	.4	.0										492	513		
84/ 83		.3	2.7	17.4	8.3	1.1	.0											607	612	6	
82/ 81	.0	.8	7.9	10.2	2.2	.0												428	433	34	12
80/ 79	.1	2.0	3.2	1.0														128	131	393	50
78/ 77	.2	2.4	.5															65	65	1093	361
76/ 75	.1	.5	.0															15	15	443	884
74/ 73	.0	.1																3	3	63	532
72/ 71																				1	171
70/ 69																					20
68/ 67																					3
TOTAL	.6	6.3	15.1	34.6	25.7	12.9	4.5	.3											2082		2013
																		2013		2013	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11744677	152827	75.9	8.402	2013							
Dry Bulb	14627774	174420	83.8	2.747	2082			90.0	90.0	84.4		90
Wet Bulb	12078416	155900	77.4	1.494	2013			90.0	90.0	6.6		90
Dew Point	11351850	151116	75.1	1.939	2013			90.0	81.3	1.2		90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87					.0	.1	.1											6	6		
86/ 85			.0	.1	.7	.6	.1											31	37		
84/ 83		.0	.8	7.6	9.3	.6		.0										291	305		
82/ 81		.5	6.7	1.1	6.1	.4	.0											1105	1145	3	1
80/ 79	.0	3.8	2.7	3.6	.4													434	463	55	6
78/ 77	.2	3.3	1.6															103	103	916	204
76/ 75	.0	.8	.1															19	19	909	826
74/ 73	.0	.1																3	3	125	743
72/ 71																				8	192
70/ 69																					33
68/ 67																					4
66/ 65																					2
TOTAL	.3	8.6	12.0	4.4	12.5	1.8	.2	.0										2012	2081	2012	2011

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13106604	161884	80.5	6.368	2012							
Dry Bulb	13729541	168995	81.2	1.656	2081			90.0	90.0	79.7		90
Wet Bulb	11732432	133620	76.4	1.272	2012			90.0	89.6	.3		90
Dew Point	11160350	149772	76.5	1.709	2011			89.9	79.7	.2		90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) APR (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81		.2	16.9	29.9	2.6	.0												999	1052		
80/ 79		6.5	24.1	11.0	1.2	.1												862	874	13	0
78/ 77	.2	3.5	2.5	.0														127	130	753	183
76/ 75	.3	.8																23	23	1054	788
74/ 73	.0																	1	1	181	819
72/ 71																				10	181
70/ 69																				1	29
68/ 67																					3
66/ 65																					1
TOTAL	.6	11.0	43.5	40.9	3.8	.1													2080		2011
																		2012		2012	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13762703	166033	82.5	5.527	2012							
Dry Bulb	13427246	167100	80.3	1.203	2080			90.0	90.0	73.8		90
Wet Bulb	11647565	153065	76.1	1.218	2012			90.0	89.5	.1		90
Dew Point	11161450	149648	74.4	1.645	2011			89.9	80.4	.1		90

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) MAY (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83			.4	.3														14	14		
82/ 81		1.4	8.3	9.5	.6	.0												1048	1059		
80/ 79		9.2	5.0	5.8	.1													844	876	65	9
78/ 77	.5	5.4	1.6	.0														139	159	1161	390
76/ 75	.5	1.2																36	36	814	1052
74/ 73	.1	.1																4	4	63	594
72/ 71																				2	56
70/ 69																					3
69/ 67																					1
TOTAL	1.1	17.2	35.2	25.7	.7	.0													2144		2105
																		2105		2105	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15176458	178416	84.8	5.077	2105							
Dry Bulb	13826049	172147	80.3	1.357	2144			93.0	93.0	74.1		93
Wet Bulb	12363919	161305	76.6	1.155	2105			93.0	92.9	.4		93
Dew Point	11909522	158304	75.2	1.456	2105			93.0	90.3			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83			.1	.0	.0													4	4		
82/ 81		.6	22.7	14.6	.4													806	807		
80/ 79		9.8	31.7	7.6	.1													1035	1069	40	6
78/ 77	.3	6.8	2.6															209	208	1047	269
76/ 75	.4	1.9																48	48	927	1103
74/ 73	.0	.2																5	5	89	650
72/ 71																					69
70/ 69																					6
TOTAL	.8	19.3	57.1	22.3	.6													2103	2141	2103	2103

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15295682	179040	85.1	5.022	2103							
Dry Bulb	13701359	171249	80.0	1.393	2141			93.0	93.0	48.4		93
Wet Bulb	12290496	160752	76.4	1.136	2103			93.0	93.0	.1		93
Dew Point	11840884	157774	75.0	1.406	2103			93.0	89.7			93

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

5

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) MAY (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
88/ 87					.1	.1												4	4		
86/ 85			.2	.8	1.2	.3												51	51		
84/ 83		.2	1.4	4.6	1.6	.2												160	174		
82/ 81		.9	23.0	17.4	1.0	.0												892	903	10	4
80/ 79	.1	7.0	25.2	5.0	.1													787	800	109	29
78/ 77	.2	5.4	2.0	.0														160	167	1115	332
76/ 75	.6	1.1	.1															37	39	811	1081
74/ 73	.1		.0															3	3	59	586
72/ 71																				1	64
70/ 69																				1	4
68/ 67																					2
TOTAL	1.0	14.6	52.0	27.9	4.0	.6													2141		2102
																		2102		2102	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14863277	176349	83.9	5.703	2102			93.0	93.0	74.6		93
Dry Bulb	13922917	172611	80.6	1.773	2141			93.0	93.0	74.6		93
Wet Bulb	12371777	161241	76.7	1.242	2102			93.0	92.9	1.6		93
Dew Point	11890422	158062	75.2	1.510	2102			93.0	89.9	.9		93

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

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
90/ 89			.1	.1	.1	.4	.2											21	22		
88/ 87			.3	2.3	4.3	3.5	.4											229	237		
86/ 85		.3	1.6	10.3	9.3	1.6			.0									487	498	2	
84/ 83		.2	5.8	2.6	4.2	.3												697	704	27	8
82/ 81		.5	10.7	6.9	.0		.0											381	384	107	43
80/ 79		3.8	5.3	.4														199	202	610	119
78/ 77	.1	2.4	.5															65	67	1095	657
76/ 75	.2	.7	.0															20	22	244	953
74/ 73	.0	.1																3	3	14	286
72/ 71																				2	32
70/ 69																				1	2
68/ 67																					1
TOTAL	.4	8.0	24.4	42.6	18.0	5.8	.7		.0									2102	2139	2102	2101

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13310466	166394	79.3	7.138	2102			93.0	93.0	85.4		93
Dry Bulb	14908015	178485	83.4	2.618	2139			93.0	93.0	85.4		93
Wet Bulb	12834483	164215	78.1	1.615	2102			93.0	92.9	15.6		93
Dew Point	12194339	160017	76.2	1.836	2101			93.0	91.5	4.2		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) MAY (MONTH)

PAGE 1 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91							.3											7	7		
90/ 89			.2	1.0	1.4	2.9	2.1	.0										161	175		
88/ 87			.9	2.4	9.9	6.0	.9	.0										421	426		
86/ 85		.2	1.0	13.3	11.7	1.9	.1											593	598	10	
84/ 83		.1	4.0	16.1	3.6		.0											503	508	60	17
82/ 81		1.0	5.8	3.3	.0													213	215	128	62
80/ 79	.1	2.5	3.1	.2														125	127	887	139
78/ 77	.1	2.0	.6	.0														59	59	858	763
76/ 75	.0	.8																17	19	136	805
74/ 73		.0																1	1	19	278
72/ 71																				1	29
70/ 69																					5
68/ 67																					1
TOTAL	.2	6.8	15.7	86.3	29.7	10.8	3.4	.1											2135		2099
																		2099		2099	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12500193	161125	76.8	7.926	2099							
Dry Bulb	15343818	180886	84.7	2.937	2135			93.0	93.0	88.1		93
Wet Bulb	12983995	165047	78.6	1.711	2099			93.0	93.0	23.6		93
Dew Point	12266133	160403	76.4	1.993	2099			93.0	91.4	5.5		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) MAY (MONTH)

PAGE 1 1900-1700 (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
92/ 91						.1	.4	.2										14	14		
90/ 89					.4	1.3	1.8	.0										73	74		
88/ 87		.0	.3	1.2	5.5	3.9	.4											240	247		
86/ 85		.0	1.3	12.2	12.2	1.8	.1											580	589	1	
84/ 83		.4	4.3	22.1	4.7	.3												667	671	20	6
82/ 81		.6	8.9	4.3	.4													297	305	89	26
80/ 79	.1	2.9	3.5	.3														141	143	731	104
78/ 77	.3	2.5	.3	.0														67	68	1030	693
76/ 75	.3	.7																20	22	211	966
74/ 73	.0	.0																2	2	17	298
72/ 71																				2	41
70/ 69																					5
68/ 67																					1
TOTAL	.8	7.2	18.5	40.1	23.1	7.4	2.7	.2											2135		2100
																		2101		2101	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12826050	183342	77.7	7.718	2101							
Dry Bulb	15061844	179224	83.9	2.803	2135			93.0	93.0	86.5		93
Wet Bulb	12854939	164311	78.2	1.515	2101			93.0	92.9	15.5		93
Dew Point	12161009	159762	76.1	1.774	2100			93.0	90.9	3.0		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) MAY (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
88/ 87					.0	.8	.1											19	19		
86/ 85				.8	1.9	.9												75	75		
84/ 83		.1	3.1	15.3	4.6	.2												497	498		
82/ 81		1.4	23.9	21.2	1.5													1010	1027	3	1
80/ 79	.1	5.0	10.6	1.1	.0													354	364	198	35
78/ 77	.2	4.1	1.2															116	118	1306	469
76/ 75	.3	1.3																33	36	934	1071
74/ 73																				42	463
72/ 71																				1	65
70/ 69																					3
68/ 67																					1
TOTAL	.6	11.9	38.7	38.7	8.1	1.9	.1												2137		2104
																		2104		2104	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14252127	172647	82.1	6.369	2104							
Dry Bulb	14214918	174242	81.5	1.930	2137			93.0	93.0	81.5		93
Wet Bulb	12512496	162234	77.1	1.205	2104			93.0	93.0	1.8		93
Dew Point	11974457	158699	75.4	1.515	2104			93.0	90.0	.2		93

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 STATION | KWAJALEIN MARSHALL IS/BUCHOLZ STATION NAME | 44-72 YEARS | MAY 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
86/ 85																			1		
84/ 83			.7	1.4	.0													46	46		
82/ 81		1.7	30.9	25.8	1.3													1256	1268		
80/ 79		7.7	19.7	2.8														634	655	97	17
78/ 77	.2	5.4	1.4	.0														148	148	1222	457
76/ 75	.1	.7																18	18	745	1044
74/ 73		.0																1	1	38	531
72/ 71																				1	53
70/ 69																					1
TOTAL	.4	15.9	52.7	30.1	1.3														2137		2103
																		2103		2103	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14979669	177153	84.2	7.190	2103							
Dry Bulb	13895753	172299	80.6	1.347	2137			93.0	93.0	77.9		93
Wet Bulb	12410198	161934	76.8	1.107	2103			93.0	93.0	.4		93
Dew Point	11946439	158475	75.4	1.430	2103			93.0	90.6	.0		93

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-45,47-72 (YEARS) JUN (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85				.0														1	1		
84/ 83			.1	.6	.0													16	16		
82/ 81		2.2	2.2	8.5	.4	.0												1077	1077		
80/ 79		1.9	1.6	3.9														754	754	106	20
78/ 77	.6	4.5	1.8	.1														142	142	1208	482
76/ 75	.2	.8	.0															21	21	662	987
74/ 73	.1																	3	3	37	489
72/ 71																				1	34
70/ 69																					1
68/ 67																					1
TOTAL	.9	19.4	5.8	23.3	.5	.0												2014		2014	
																			2014		2014

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14652787	171487	85.1	5.039	2014							
Dry Bulb	13027639	161959	80.4	1.309	2014			90.0	90.0	73.1		90
Wet Bulb	11896995	154775	76.8	1.138	2014			90.0	90.0	.4		90
Dew Point	11470810	151966	75.5	1.492	2014			90.0	88.4	.1		90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-45,47-72 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85						.0												1	1		
84/ 83				.5														10	10		
82/ 81		1.2	4.7	14.7	.6	.0												830	830		
80/ 79	.0	12.3	9.6	5.4	.1													954	954	63	9
78/ 77	.3	6.1	2.7	.1														187	187	1080	373
76/ 75	.3	1.1																28	28	792	1030
74/ 73	.0																	1	1	79	535
72/ 71																				3	58
70/ 69																					5
68/ 67																					1
TOTAL	.7	20.7	17.0	20.7	.7	.1												2011	2011		2011
																		2011		2011	

Elemen. (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14752624	171944	85.5	5.043	2011			90.0	90.0	67.9		90
Dry Bulb	12903162	161064	80.1	1.282	2011			90.0	90.0			90
Wet Bulb	11805574	134064	76.6	1.144	2011			90.0	89.9			90
Dew Point	11391126	121324	75.2	1.499	2011			90.0	87.1			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

5

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-45,47-72 (YEARS) JUN (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89						.0												1	1		
88/ 87				.0	.3	.1	.0											12	12		
86/ 85		.1	.5	1.1	1.6	.1												69	69		
84/ 83		.2	.9	5.9	1.4	.1												172	172	2	
82/ 81		1.8	7.3	15.7	.5	.0												914	914	22	11
80/ 79	.1	8.9	1.0	3.0														664	464	155	42
78/ 77	.1	4.7	2.4	.1														148	148	1184	412
76/ 75	.4	1.1	.1															34	34	600	1069
74/ 73		.1																2	2	52	427
72/ 71																				1	51
70/ 69																					4
TOTAL	.7	17.0	32.1	29.8	3.9	.4	.0												2016		2016
																		2016		2016	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14375870	169848	84.3	5.731	2016							
Dry Bulb	13166720	162880	80.8	1.871	2016			90.0	[illegible]	72.9		90
Wet Bulb	11944179	155153	77.0	1.314	2016			90.0	90.0	[illegible]		90
Dew Point	11491801	152179	75.5	1.556	2016			90.0	87.5	1.0		90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-45,47-72 (YEARS) JUN (MONTH)

PAGE 1 0900-1100 (HOURS (L, S, Y.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89			.2	.2	.0	.4	.1											21	21		
88/ 87		.0	1.7	2.3	0.4	2.9	.2											275	275		
86/ 85		.3	2.0	9.2	11.6	1.1												488	488	9	
84/ 83		.5	6.3	22.5	4.0	.1												672	672	55	28
82/ 81		1.1	10.8	4.9	.2													343	343	110	57
80/ 79		3.3	3.2	.3														139	139	670	131
78/ 77	.2	2.2	.3															56	56	993	675
76/ 75	.0	.8	.1															21	21	162	887
74/ 73	.0	.0																2	2	16	214
72/ 71																				2	21
70/ 69																					4
TOTAL	.3	8.3	24.6	39.4	22.3	4.6	.3												2017		2017
																		2017		2017	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12757596	159776	79.2	7.078	2017							
Dry Bulb	14151427	188863	93.7	2.626	2017			90.0	90.0	84.0		90
Wet Bulb	12405316	158144	78.4	1.718	2017			90.0	59.9	17.4		90
Dew Point	11797285	154207	76.5	1.941	2017			90.0	28.9	6.0		90

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 STATION | KWAJALEIN MARSHALL IS/BUCHOLZ STATION NAME | 44-45,47-72 YEARS | JUN MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91					.0	.0		.0										3	3		
90/ 89			.2	1.1	1.8	3.9	1.1	.1										170	172		
88/ 87		.1	1.8	2.8	10.9	4.1	.4											445	446		
86/ 85		.2	1.7	4.4	13.5	1.4												630	630	15	
84/ 83		.5	5.2	2.9	2.6													427	427	72	37
82/ 81	.0	1.0	5.1	1.7	.1													162	162	189	73
80/ 79	.0	2.9	2.3	.1														109	109	933	173
78/ 77	.1	1.9	.5															52	52	674	795
76/ 75	.1	.3																9	9	117	749
74/ 73	.1	.1																4	4	11	160
72/ 71																					23
TOTAL	.4	7.3	17.0	33.1	29.0	11.5	1.5	.2											2014		2012
																		2011		2011	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12077123	155069	77.1	7.717	2011							
Dry Bulb	14552720	171100	85.0	2.895	2014			90.0	90.0	84.8		90
Wet Bulb	12546007	158799	79.0	1.786	2011			90.0	90.0	30.0		90
Dew Point	11883319	154573	76.8	2.015	2012			90.0	89.1	7.8		90

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 STATION | KWAJALEIN MARSHALL IS/BUCHOLZ STATION NAME | 44-45,47-72 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91						.1	.0											3	3		
90/ 89				.3	.4	2.3	.8	.1										79	79		
88/ 87			.7	1.7	7.3	3.9	.3											280	281		
86/ 85		.1	2.2	12.5	4.3	.9												608	611	2	
84/ 83		.3	6.0	8.2	4.7	.1												589	589	34	4
82/ 81		1.0	7.6	4.0	.2													259	259	121	59
80/ 79	.0	2.6	3.2															116	118	809	144
78/ 77	.2	1.9	.6															55	55	873	705
76/ 75	.2	.7																19	19	160	824
74/ 73	.1	.1																9	9	13	243
72/ 71																				3	13
70/ 69																					3
TOTAL	.5	6.9	20.4	30.6	27.0	7.3	1.1	.1										2019	2019		2015
																		2015		2015	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	123750631	157179	78.0	7.5	2015							
Dry Bulb	14314152	169910	84.2	2.75	2019			90.0	90.0	84.0		90
Wet Bulb	12612884	139118	78.5	1.67	2015			90.0	89.9	21.1		90
Dew Point	11764352	153920	76.4	1.44	2015			90.0	89.3	5.0		90

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-45,47-72 (YEARS) JUN (MONTH)

PAGE 1 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87					.1	.3	.0											9	9		
86/ 85			.0	1.3	2.5	.2												82	82		
84/ 83		.1	4.4	16.7	3.4	.1												497	499		
82/ 81		4.0	20.3	18.9	1.3													1018	1019	5	2
80/ 79	.1	4.3	8.2	1.5														284	284	319	62
78/ 77	.5	3.1	1.2															96	96	1221	534
76/ 75	.3	1.1	.0															29	29	447	1007
74/ 73		.0																1	1	24	374
72/ 71																					37
TOTAL	.9	12.6	40.1	38.4	7.2	.6	.0											2016	2019		2016
																				2016	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13786635	166269	82.5	6.046	2016							
Dry Bulb	13464754	164838	81.6	1.839	2019			90.0	90.0	80.6		90
Wet Bulb	12057085	155887	77.3	1.248	2016			90.0	90.0	2.8		90
Dew Point	11552390	152278	75.7	1.535	2016			90.0	88.3	.5		90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-45,47-72 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85					.0													1	1		
84/ 83			1.0	2.0	.2	.0												65	65		
82/ 81		3.7	3.3	4.5	.7													1252	1259		
80/ 79	.1	8.3	5.1	3.0														536	536	164	31
78/ 77	.4	4.6	1.6															134	134	1204	512
76/ 75	.4	.7	.0															25	25	616	989
74/ 73	.1																	2	2	30	432
72/ 71																				1	30
70/ 69																					1
TOTAL	1.1	17.4	11.1	29.4	.9	.0													2016		2015
																		2015		2015	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14457219	170351	84.5	5.249	2015							
Dry Bulb	13153800	162900	80.7	1.398	2018			90.0	90.0	76.9		90
Wet Bulb	11943250	155114	77.0	1.164	2015			90.0	90.0	.8		90
Dew Point	11506188	152238	75.6	1.452	2015			90.0	88.6	.3		90

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-72 (YEARS) JUL (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	C.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83			.4	1.1	.1													35	35		
82/ 81		1.2	29.4	17.4														1051	1092		
80/ 79	.1	8.1	27.3	2.4														830	833	73	9
78/ 77	.1	6.3	2.8	.2														228	231	1212	373
76/ 75	.3	1.5	.2	.1														45	45	848	1187
74/ 73	.1																	3	3	54	586
72/ 71																				3	32
70/ 69																				2	3
68/ 67																					2
TOTAL	.6	17.1	61.0	21.1	.1														2199		2192
																		2192		2192	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15915937	186513	85.1	4.570	2192							
Dry Bulb	14162511	176443	80.2	1.474	2199			93.0	93.0	71.2		93
Wet Bulb	12886068	168048	76.7	1.130	2192			93.0	92.8	.2		93
Dew Point	12422876	164992	75.3	1.337	2192			93.0	91.4	.1		93

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

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85					.0													1	1		
84/ 83				.5	.0													13	13		
82/ 81		1.1	20.6	13.6	.1													778	778		
80/ 79		8.6	35.6	3.9														1055	1058	44	6
78/ 77	.2	8.1	9.1	.1	.0													296	299	1027	280
76/ 75	.3	1.7	.2	.0														49	49	1049	1175
74/ 73	.0	.1																3	3	71	694
72/ 71																				3	38
70/ 69																				1	
68/ 67																					2
TOTAL	.5	19.5	61.9	18.2	.3														2201		2195
																		2195		2195	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	16082712	187616	85.5	4.597	2195							
Dry Bulb	14051910	175836	79.9	1.434	2201			93.0	93.0	63.8		93
Wet Bulb	12826893	167777	76.4	1.108	2195			93.0	92.8	.1		93
Dew Point	12371110	164762	75.1	1.294	2195			93.0	91.3	.0		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) JUL (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87				.1	.5	.1												15	15		
86/ 85		.0	.1	.9	1.1	.0												48	48		
84/ 83		.1	1.3	6.0	1.0													187	187	1	
82/ 81		1.0	2.9	3.8	.2	.0												834	835	13	4
80/ 79		6.3	2.9	2.9	.0	.0												837	842	138	27
78/ 77	.2	6.5	3.3	.0	.0													222	224	1108	383
76/ 75	.7	1.3	.2															48	48	868	1150
74/ 73	.1																	2	2	62	588
72/ 71																				3	37
70/ 69																					1
68/ 67																					2
TOTAL	1.0	15.3	10.7	23.8	3.0	.2													2201		2192
																		2193		2193	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15691809	185141	84.4	5.298	2193							
Dry Bulb	16280988	177242	80.5	1.913	2201			93.0	93.0	69.4		93
Wet Bulb	12924439	168331	76.8	1.288	2193			93.0	92.9	2.0		93
Dew Point	12429782	165034	75.3	1.433	2192			93.0	91.3	1		93

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

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89			.1	.2	.5	1.2	.0											47	47		
88/ 87		.0	.5	2.3	7.2	3.1												289	289	1	
86/ 85		.2	1.5	10.7	10.7	.7												523	524	7	2
84/ 83		.4	4.9	22.6	3.2													683	683	35	11
82/ 81		.8	8.4	6.5	.1													346	346	130	46
80/ 79		2.4	5.5	.5														182	184	774	132
78/ 77	.2	3.1	.8															91	92	975	717
76/ 75	.6	.8	.0															32	32	249	1030
74/ 73	.1																	3	3	25	245
72/ 71																					13
TOTAL	.9	7.8	21.8	42.7	21.8	5.0	.0												2200		2196
																		2196		2196	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13869778	173862	79.2	6.908	2196			93.0	93.0	84.1		93
Dry Bulb	15396842	183938	83.6	2.871	2200			93.0	93.0	84.1		93
Wet Bulb	13466969	171925	78.3	1.714	2196			93.0	93.0	18.3		93
Dew Point	12804431	167641	76.3	1.766	2196			93.0	92.4	4.3		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93							.1											2	2		
92/ 91			.0	.0	.2	.3	.2	.0										17	17		
90/ 89			.2	.9	3.9	5.9	.8											257	257		
88/ 87		.0	.8	2.6	14.1	4.2	.3											483	483	3	2
86/ 85		.1	.8	15.5	13.0	1.1												669	669	8	3
84/ 83		.3	3.7	12.5	2.2	.1												413	413	57	14
82/ 81	.1	1.0	3.7	2.8	.1													168	168	243	95
80/ 79		2.2	2.2	.2														102	102	1046	218
78/ 77	.1	2.4	.5		.0													67	69	694	844
76/ 75	.1	.6																17	18	135	876
74/ 73	.0																	1	1	9	171
72/ 71																					7
70/ 69																				1	3
66/ 65																					1
TOTAL	.4	6.6	11.9	34.5	33.6	11.7	1.4	.0										2196	2199	2196	2194

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	129170559	167633	76.3	7.415	2196							
Dry Bulb	15967948	187268	85.2	3.024	2199			93.0	93.0	87.8	.1	93
Wet Bulb	13698193	173397	72.0	1.747	2196			93.0	93.0	33.2		93
Dew Point	13920656	168218	76.7	1.878	2194			93.0	92.9	5.7		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHUL7 (STATION NAME) 44-72 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91					.0	.4	.2	.0										16	16		
90/ 89			.1	.1	1.6	4.2	.9	.1										152	152		
88/ 87			.4	1.5	9.8	4.1	.1											350	350		
86/ 85		.2	1.1	11.9	15.2	1.0												645	645	1	
84/ 83		.2	3.9	16.9	4.2	.1												556	556	23	8
82/ 81		.8	6.2	3.9	.2													242	242	146	25
80/ 79	.1	3.1	3.5	.5														155	155	889	154
78/ 77	.3	2.2	.3															63	66	934	760
76/ 75	.2	.4																13	13	192	961
74/ 73	.0																	1	1	6	263
72/ 71	.0																	1	1	1	21
70/ 69																					2
TOTAL	.7	6.8	15.5	34.7	31.1	9.8	1.2	.1										2194	2197	2194	2194

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13141745	149013	77.0	7.498	2194							
Dry Bulb	15690562	185554	84.5	2.946	2197			93.0	93.0	86.9		93
Wet Bulb	13520278	172196	78.5	1.581	2194			93.0	93.0	22.4		93
Dew Point	12778002	167396	76.3	1.717	2194			93.0	92.0	3.4		93

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

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHLZ (STATION NAME) 44-72 (YEARS) JUL (MONTH)

PAGE 1 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89					.0	.1	.0											4	4		
88/ 87			.0	.1	.9	.8	.3											49	49		
86/ 85				2.1	3.1	.3												122	122		
84/ 83		.2	3.0	8.3	4.2	.1												567	567	2	
82/ 81		1.8	21.5	18.3	.6													927	927	10	3
80/ 79		4.7	10.3	1.6	.0													365	365	283	46
78/ 77	.1	4.6	1.6	.1														140	141	1337	488
76/ 75	.1	.7	.1															19	21	531	1162
74/ 73	.0	.1																4	4	32	498
72/ 71																				2	37
70/ 69																					3
TOTAL	.3	12.0	36.5	40.5	8.9	1.4	.4											2197	2200		2197
																		2197		2197	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14762120	179574	81.7	6.202	2197							
Dry Bulb	14718282	179882	81.8	2.166	2200			93.0	93.0	80.4		93
Wet Bulb	13111498	169700	77.2	1.277	2197			93.0	92.9	3.2		93
Dew Point	12542722	165970	75.5	1.482	2197			93.0	91.3	.5		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-72 (YEARS) JUL (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
88/ 87					.0													1	1		
86/ 85					.0	.1												1	1		
84/ 83			1.0	2.8	.2	.1												89	89		
82/ 81		1.7	30.9	23.7	.5													1247	1248		
80/ 79		7.7	19.2	2.2	.1													640	640	117	12
78/ 77	.1	5.1	2.5	.0														169	171	1299	472
76/ 75	.3	1.6	.1															45	46	730	1128
74/ 73	.0	.1																3	3	50	546
72/ 71																				1	34
70/ 69																					3
TOTAL	.5	16.2	53.6	28.7	.8	.2												2197	2201	2197	2197

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15687542	185208	84.3	4.979	2197							
Dry Bulb	14307876	177426	80.6	1.591	2201			93.0	93.0	75.8		93
Wet Bulb	12970552	168790	76.8	1.127	2197			93.0	93.0	.4		93
Dew Point	12482468	165574	75.4	1.380	2197			93.0	91.3	.1		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-72 (YEARS) AUG (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87						.1	.1											4	4		
86/ 85					.0													1	1		
84/ 83			1.7	2.8	.3													107	107		
82/ 81		1.7	26.9	20.4	.4													1083	1085		
80/ 79		8.0	24.0	2.0	.0													747	750	132	11
78/ 77	.3	5.9	3.2	.0														206	206	1188	631
76/ 75	.3	1.5	.1															43	43	818	1120
74/ 73	.2	.0																5	5	56	399
72/ 71																				2	34
70/ 69																					1
TOTAL	.7	17.2	56.0	25.2	.8	.1	.1											2201			2196
																		2196		2196	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15812425	185997	84.7	5.177	2196							
Dry Bulb	14244368	177030	80.4	1.589	2201			93.0	93.0	72.9		93
Wet Bulb	12937917	168539	76.7	1.141	2196			93.0	92.9	.9		93
Dew Point	12460870	165392	75.3	1.375	2196			93.0	91.5			93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-72 (YEARS) AUG (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
88/ 87							.0											1	1		
84/ 83			.7	1.2	.2		.1											49	49		
82/ 81		.9	22.6	16.7	.2													886	887		
80/ 79	.1	7.4	30.2	3.3	.1													903	906	61	4
78/ 77	.3	9.0	3.9	.0														290	292	1063	319
76/ 75	.3	2.3	.1															61	61	983	1139
74/ 73	.2																	4	4	85	694
72/ 71																				2	44
70/ 69																					7
68/ 67																					2
TOTAL	.9	19.6	57.5	21.3	.5		.1											2194	2200	2194	2194

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	16005287	187063	85.3	9.057	2194							
Dry Bulb	14094482	176056	80.0	1.584	2200			93.0	93.0	65.7		93
Wet Bulb	12841502	167334	76.5	1.117	2194			93.0	92.9	.2		93
Dew Point	12382436	164798	75.1	1.343	2194			93.0	90.8	.1		93

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) AUG (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87					.5	.0	.1	.0										16	16		
86/ 85			.3	1.4	1.5	.1												72	72		
84/ 83		.4	1.8	6.7	1.3	.0												223	224	2	
82/ 81		1.4	20.9	17.9	.3	.1												891	891	16	6
80/ 79		6.0	24.0	2.0		.0												703	706	178	38
78/ 77	.1	7.0	3.2	.1	.0													229	230	1077	356
76/ 75	.5	2.0	.1															56	57	848	1167
74/ 73	.1	.1																5	5	65	586
72/ 71																				7	33
70/ 69																				2	5
68/ 67																					1
66/ 65																					2
TOTAL	.6	16.8	50.3	28.0	3.6	.4	.1	.0										2195	2201	2195	2194

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15600701	184615	84.1	9.779	2195							
Dry Bulb	14325673	177511	80.7	2.065	2201			93.0	93.0	69.5		93
Wet Bulb	12941265	168515	76.8	1.350	2195			93.0	92.6	2.7		93
Dew Point	12441184	165182	75.3	1.503	2194			92.9	91.3	.7		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91					.6	.1	.1											6	6		
90/ 89			.1	.4	.8	1.9	.3											77	77		
88/ 87		.2	.6	2.6	7.2	3.1	.2	.0										306	308	1	1
86/ 85		.1	1.5	9.8	11.8	.6												524	526	7	3
84/ 83		.3	5.0	22.0	3.2	.1												670	671	42	9
82/ 81		.5	9.0	5.4	.2													333	333	141	53
80/ 79		2.6	4.5	.5	.1													169	170	741	153
78/ 77	.0	3.0	.9															86	86	999	680
76/ 75	.2	.8																22	22	248	994
74/ 73	.0	.0																2	2	14	279
72/ 71																				2	17
70/ 69																					3
68/ 67																					2
TOTAL	.3	7.6	21.6	40.6	23.4	5.8	.6	.0											2201		2194
																		2195		2195	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13670557	172527	78.6	7.079	2195							
Dry Bulb	15487888	184924	83.8	2.865	2201			93.0	93.0	85.4		93
Wet Bulb	13475285	171941	78.3	1.738	2195			93.0	92.9	10.1		93
Dew Point	12787075	167645	76.3	1.880	2194			93.0	92.1	4.8		93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF 7-73 FORM ARE OBSOLETE

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95								.0										1	1		
94/ 93						.0	.0	.2	.0									8	8		
92/ 91					.0	.7	.9	.1										39	39		
90/ 89			.6	1.4	4.3	6.1	1.5	.0										108	108		
88/ 87		.0	.6	2.7	12.0	4.5	.1	.0										440	441	1	
86/ 85		.1	1.3	14.1	14.2	1.2	.0											480	482	18	10
84/ 83		.2	3.7	10.8	2.4	.0												377	379	63	18
82/ 81		.9	4.0	2.4	.2	.0												164	165	273	60
80/ 79		2.1	2.6	.5	.0													113	114	1010	209
78/ 77	.0	1.4	.3															39	39	679	857
76/ 75	.3	.6	.0															21	21	141	827
74/ 73	.1																	2	2	9	191
72/ 71																				2	15
70/ 69																					3
68/ 67																					1
TOTAL	.5	5.3	13.2	31.9	33.2	12.7	2.6	.5	.0										2199		2191
																		2192		2192	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12744169	166295	75.9	7.652	2192							
Dry Bulb	16054177	187767	85.4	3.108	2199			93.0	93.0	87.9	.4	93
Wet Bulb	13695223	173217	79.0	1.814	2192			93.0	92.9	32.9		93
Dew Point	12910995	168135	76.7	1.969	2191			93.0	92.2	6.7		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93							.0	.2										6	6		
92/ 91					.0	.8	.8	.3										41	41		
90/ 89			.1	.4	1.7	4.6	1.6	.1										191	191		
88/ 87		.1	.5	1.6	9.8	4.5	.3											371	371		
86/ 85		.0	1.1	2.0	14.4	1.7	.0											647	648	7	1
84/ 83		.1	3.9	3.1	4.0	.1												466	467	31	11
82/ 81		1.4	5.8	3.2	.2													232	234	172	39
80/ 79	.1	2.9	3.7	.1	.0													131	131	899	159
78/ 77	.1	2.2	.5															62	62	880	755
76/ 75	.2	.8	.1															24	25	189	919
74/ 73	.1	.0																3	3	13	276
72/ 71																				3	32
70/ 69																					2
TOTAL	.5	7.6	15.8	10.5	30.4	11.8	2.8	.6											2199		2194
																		2194		2194	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12991446	167874	76.5	8.175	2194							
Dry Bulb	15803416	186288	84.7	3.167	2199			93.0	93.0	86.6	.3	93
Wet Bulb	13548318	172370	78.6	1.681	2194			93.0	92.2	24.8		93
Dew Point	12787421	167449	76.3	1.848	2194			93.0	91.6	3.5		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (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
92/ 91						.1	.1											4	4		
90/ 89					.1	.3	.1											11	11		
88/ 87				.1	1.0	1.2	.1											54	54		
86/ 85		.0	.0	2.5	5.6	.9												198	198		
84/ 83		.1	4.1	18.2	5.1	.1												608	608	1	1
82/ 81		1.9	20.1	15.0	.3													821	821	15	1
80/ 79		4.7	10.4	.8														350	350	361	60
78/ 77	.2	3.3	1.8	.0														117	118	1313	596
76/ 75	.4	.9	.0															29	29	466	1106
74/ 73	.2																	5	5	41	499
72/ 71																					33
TOTAL	.8	10.9	36.5	36.6	12.2	2.5	.4												2200		2196
																		2197		2197	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	146338 24	178688	81.3	6.770	2197							
Dry Bulb	14811956	180442	82.0	2.362	2200			93.0	93.0	81.3		93
Wet Bulb	13149986	169948	77.4	1.303	2197			93.0	93.0	4.2		93
Dew Point	12559125	166039	75.6	1.303	2196			93.0	91.6	.5		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/AUCHMLZ (STATION NAME) 44-72 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
88/ 87					.0	.1	.1											5	5		
86/ 85						.0												1	1		
84/ 83			2.0	7.3	1.1	.0												230	230		
82/ 81		1.8	29.3	22.0	.6													1182	1182		
80/ 79	.0	7.7	18.0	1.5	.1													601	603	183	27
78/ 77	.1	4.6	1.8	.1														146	147	1314	490
76/ 75	.2	1.0	.0	.0														28	28	636	1159
74/ 73	.1	.0																4	4	41	488
72/ 71		.0																1	1	4	30
70/ 69																					1
TOTAL	.5	15.2	51.3	30.9	1.9	.2	.1											2198	2201	2198	2197

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						< 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	155633 99	184583	84.0	5.335	2198			93.0	93.0	77.2		93
Dry Bulb	14392592	177948	80.8	1.613	2201			93.0	93.0	77.2		93
Wet Bulb	13518105	169137	77.0	1.158	2196			93.0	92.8	.8		93
Dew Point	12518673	165813	75.5	1.409	2197			93.0	91.6	.0		93

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-72 (YEARS) SEP (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85					.1	.0												4	4		
84/ 83			1.3	5.1	1.2													163	163		
82/ 81		1.1	4.7	20.2	.9	.1												1000	1000	2	
80/ 79		6.3	2.2	3.7	.0	.0												689	690	94	14
78/ 77	.1	6.3	3.9	.0														221	223	1129	392
76/ 75	.6	1.7																50	50	841	1104
74/ 73																				57	611
72/ 71																				3	41
70/ 69																				1	1
68/ 67																					3
64/ 63																					1
TOTAL	.8	15.5	32.2	29.1	2.3	.2													2130		2127
																		2127		2127	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15112699	178927	84.1	5.358	2127			90.0	90.0	69.2		90
Dry Bulb	13810122	171472	80.5	1.687	2130			90.0	90.0	69.2		90
Wet Bulb	12504356	163066	76.7	1.175	2127			90.0	89.8	.3		90
Dew Point	12025540	159904	75.2	1.413	2127			90.0	88.1	.2		90

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

5

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) SEP (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
90/ 89						.0												1	1		
86/ 85					.1													3	3		
84/ 83			.5	2.0	.3		.0											60	60		
82/ 81		.6	20.2	20.0	.7													884	884		
80/ 79	.0	6.1	28.6	4.5														833	839	47	3
78/ 77	.3	7.2	5.0	.1														269	270	949	240
76/ 75	.5	2.4	.1															66	66	1038	1083
74/ 73	.2	.1	.0															9	9	89	744
72/ 71																				7	49
70/ 69																					5
66/ 65																					1
TOTAL	1.1	16.6	54.5	26.6	1.1	.0	.0												2128		2125
																		2125		2126	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15261588	179744	84.6	5.220	2125							
Dry Bulb	13653434	170416	80.1	1.688	2128			90.0	90.0	63.1		90
Wet Bulb	12405396	162382	76.4	1.148	2126			90.0	89.7	.2		90
Dew Point	11936065	159223	74.9	1.321	2125			90.0	87.7			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) SEP (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
90/ 89					.0	.1												3	3		
88/ 87					.3	.1												9	9		
86/ 85			.2	1.6	1.7	.1												76	76		
84/ 83		.0	1.9	8.1	2.2													260	261		
82/ 81		1.0	20.3	16.4	.5													812	813	10	2
80/ 79	.0	5.0	22.4	3.6														661	661	160	31
78/ 77	.1	6.5	4.1	.1	.0													232	233	1007	309
76/ 75	.5	2.4	.2															67	67	853	1080
74/ 73	.1	.1																5	5	90	633
72/ 71																				4	65
70/ 69																				1	4
68/ 67																					1
TOTAL	.8	15.1	49.2	29.8	4.8	.3												2125	2126	2125	2125

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14923218	177658	83.6	5.755	2125							
Dry Bulb	13856098	171654	80.7	2.198	2126			90.0	90.0	66.4		90
Wet Bulb	12495240	162924	76.7	1.362	2125			90.0	89.8	2.0		90
Dew Point	11997890	159642	75.1	1.485	2125			90.0	87.0	.3		90

FORM AL 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93							.1	.1										4	4		
92/ 91						.1	.4											10	10		
90/ 89				.3	.6	2.1	.5											74	74		
88/ 87			.3	1.6	8.0	4.0	.1											298	299		
86/ 85		.1	1.2	11.3	14.1	1.0	.1											592	594	2	
84/ 83		.2	5.1	16.8	3.5	.1												548	548	23	7
82/ 81		.6	5.2	4.6	.3													290	290	114	30
80/ 79	.1	2.8	5.2	.7	.0													189	189	773	119
78/ 77	.5	3.2	.8	.0														96	96	937	689
76/ 75	.3	.5	.0															19	19	246	969
74/ 73	.1	.2																6	6	29	273
72/ 71																				2	37
70/ 69																					1
68/ 67																					1
TOTAL	1.0	7.6	20.8	35.3	26.6	7.4	1.1	.1										2126	2129	2126	2126

Element (X)	$\Sigma x'$	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.	13103956	166140	78.1	7.535	2126			90.0	90.0	81.5	.2	90
Dry Bulb	15001714	178598	83.9	3.023	2129			90.0	90.0	81.5	.2	90
Wet Bulb	13024482	166266	78.3	1.697	2126			90.0	89.9	19.1		90
Dew Point	12343510	161952	76.2	1.751	2126			90.0	88.3	2.9		90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) SEP (MONTH)

PAGE 1 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95								.1										2	2		
94/ 93							.0	.2										5	5		
92/ 91					.2	.7	1.9	.1										60	60		
90/ 89			.2	.7	3.3	6.7	1.6	.0										267	267		
88/ 87			.3	2.8	13.3	6.5	.2											493	494		
86/ 85		.1	.8	11.9	14.7	.8												903	904	9	
84/ 83		.3	3.5	9.0	1.8													311	311	39	11
82/ 81		.7	4.4	2.6	.1	.0												168	168	237	36
80/ 79		2.1	3.7	.1														124	124	983	187
78/ 77	.2	2.8	.2															68	68	675	784
76/ 75	.2	.9																24	24	173	878
74/ 73	.1	.0																3	3	10	217
72/ 71																				2	13
70/ 69																					1
TOTAL	.5	6.9	13.0	27.2	93.9	14.8	3.8	.4										2128	2130	2128	2127

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12297308	160832	75.6	8.171	2128							
Dry Bulb	15532297	181749	85.3	3.357	2130			90.0	90.0	83.3	.3	90
Wet Bulb	13240800	167818	78.9	1.730	2128			90.0	89.9	32.2		90
Dew Point	12466383	162793	76.5	1.787	2127			90.0	89.4	4.4		90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93							.0	.2										5	5		
92/ 91						.5	1.9	.3	.0									58	58		
90/ 89				.3	1.0	4.9	2.1	.1										179	179		
88/ 87			.3	1.7	7.8	5.7	.2											335	335		
86/ 85			1.4	9.9	16.5	1.7												628	628	3	
84/ 83			3.3	12.7	3.9													423	423	23	5
82/ 81		.9	6.2	4.5	.3													253	253	136	31
80/ 79		2.8	3.2	.6														140	140	818	123
78/ 77		2.7	.8	.0														77	77	913	619
76/ 75	.3	.9	.0															27	27	207	985
74/ 73	.1																	3	3	28	324
72/ 71																					38
70/ 69																					3
TOTAL	.4	7.3	15.2	29.7	29.7	12.9	4.2	.6	.0										2128		2128
																		2128		2128	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12445176	161772	76.0	8.318	2128							
Dry Bulb	15277027	180167	84.7	3.302	2128			90.0	90.0	82.9	.2	90
Wet Bulb	13078093	166787	78.4	1.647	2128			90.0	90.0	20.6		90
Dew Point	12319617	161869	76.1	1.794	2128			90.0	88.3	3.3		90

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91							.0	.0										2	2		
90/ 89						.2	.5											15	15		
88/ 87				.0	.5	1.5	.2											47	47		
86/ 85			.0	1.8	5.7	1.4												189	189		
84/ 83		.1	5.0	10.4	6.1	.2												632	632		
82/ 81		1.2	7.3	15.9	.8	.1												746	749	12	1
80/ 79	.0	3.5	9.7	1.3	.0													311	313	254	58
78/ 77	.4	4.4	1.9	.0														144	144	1286	376
76/ 75	.3	1.2	.1															34	34	522	1125
74/ 73	.1																	2	2	47	503
72/ 71																				3	56
70/ 69																					4
68/ 67																					1
TOTAL	.9	10.5	34.0	37.4	13.0	3.3	.8	.0										2127			2124
																		2124		2124	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_A	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13959347	171537	80.8	7.059	2124							
Dry Bulb	14310557	174393	82.0	2.381	2127			90.0	90.0	78.2		90
Wet Bulb	12656383	163935	77.2	1.287	2124			90.0	89.9	3.3		90
Dew Point	12065345	160045	75.4	1.658	2124			90.0	87.4	.3		90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) SEP (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
88/ 87						.1												2	2		
86/ 85					.4	.1												11	11		
84/ 83		.1	2.7	10.7	1.7													324	324		
82/ 81		1.4	25.3	23.6	1.1	.1												1095	1095	3	
80/ 79		4.8	16.9	2.1	.0													507	510	143	38
78/ 77	.2	4.8	2.2	.1														156	156	1216	347
76/ 75	.2	1.0	.1															29	20	712	1141
74/ 73	.1	.0																3	3	48	343
72/ 71																				5	51
70/ 69																					5
68/ 67																					2
TOTAL	.5	12.2	47.2	36.5	3.2	.3													2130		2127
																		2127		2127	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14738237	176977	83.1	5.433	2127							
Dry Bulb	13974807	172491	81.0	1.706	2130			90.0	90.0	75.1		90
Wet Bulb	12569819	163591	76.9	1.217	2127			90.0	89.8	1.4		90
Dew Point	12055107	160099	75.3	1.451	2127			90.0	87.5	.1		90

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) OCT (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85				.1														2	2		
84/ 83		.0	1.3	7.3	.8													207	207		
82/ 81		1.4	20.6	23.4	.6													1010	1013	1	
80/ 79		6.1	23.9	3.6	.1													716	717	111	.18
78/ 77	.3	5.6	3.6															209	209	1068	351
76/ 75	.5	1.4	.0															42	42	948	1057
74/ 73	.1	.2																6	6	63	705
72/ 71	.0																	1	1	3	62
68/ 67																					1
TOTAL	1.0	14.7	68.5	34.3	1.5														2197		2194
																		2193		2194	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15463389	183771	83.8	5.386	2193							
Dry Bulb	14263267	176981	80.6	1.711	2197			93.0	93.0	71.9		93
Wet Bulb	12886319	168125	76.6	1.207	2194			93.0	92.9	.8		93
Dew Point	12378640	164768	75.1	1.427	2194			93.0	90.3	.1		93

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

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83			.7	3.2	.7													102	102		
82/ 81		.6	18.3	22.3	.5	.1												917	921	1	
80/ 79	.0	6.8	25.8	5.0	.1	.0												830	832	61	10
78/ 77	.3	7.5	4.0	.1														279	279	941	264
76/ 75	.5	2.1	.1															61	61	1114	1043
74/ 73		.1																3	3	71	809
72/ 71																				4	98
70/ 69																					1
68/ 67																					4
TOTAL	.9	17.2	49.8	30.6	1.3	.1													2198		2191
																		2192		2192	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15625308	184604	84.3	5.447	2192							
Dry Bulb	14140212	176258	80.2	1.660	2198			93.0	93.0	67.1		93
Wet Bulb	12795157	167453	76.4	1.161	2192			93.0	92.8	.3		93
Dew Point	12298925	164127	74.9	1.390	2191			93.0	90.3	.1		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/HUCHOLZ (STATION NAME) 44-72 (YEARS) OCT (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29	≥ 31		Dry Bulb	Wet Bulb	Dew Point
90/ 89					.0													1	1		
88/ 87					.5	.1												14	14		
86/ 85			.3	1.3	2.2	.3												91	91		
84/ 83		.2	2.0	10.8	3.0	.1	.0											353	353	1	
82/ 81		.7	18.0	16.1	.5	.1												824	825	17	4
80/ 79	.0	4.9	20.8	3.5	.1	.0												647	650	148	35
78/ 77	.1	6.0	2.7	.1														197	197	1045	338
76/ 75	.0	2.1	.0															59	59	889	1078
74/ 73	.1	.2																7	7	63	677
72/ 71	.0																	1	1	10	50
70/ 69																				1	4
68/ 67																					4
66/ 65																					2
TOTAL	1	14.1	43.9	33.9	6.5	.6	.0												2198		2192
																		2194		2194	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15187206	182036	83.0	6.178	2194							
Dry Bulb	14403259	177863	80.9	2.188	2198			93.0	93.0	72.1		93
Wet Bulb	12925150	168370	76.7	1.392	2194			93.0	92.5	2.8		93
Dew Point	12382043	164711	75.1	1.552	2192			92.9	90.5	.8		93

USAFETAC FORM 0-76-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSO: E

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91					.0	.2	.1											8	8		
90/ 89			.0	.5	1.0	3.6	.5											122	122		
88/ 87		.1	.6	1.9	8.5	4.2	.1											342	342		
86/ 85		.2	1.0	10.3	14.8	1.5		.0										611	612	8	1
84/ 83		.2	3.1	17.9	4.8	.0	.0											575	576	35	16
82/ 81	.0	.7	7.1	3.6	.2	.1												258	258	135	40
80/ 79		2.0	4.6	.4														152	152	782	123
78/ 77	.1	3.4	.7															93	93	936	662
76/ 75	.3	1.1	.1															34	34	276	1041
74/ 73	.0																	1	1	21	285
72/ 71																				3	24
68/ 67																					3
66/ 65																					1
TOTAL	.5	7.5	17.3	34.7	29.3	9.7	.7	.0										2196	2198		2196
																		2196		2196	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13340098	170344	77.6	7.591	2196							
Dry Bulb	15581293	184939	84.2	3.061	2198			93.0	93.0	84.7		93
Wet Bulb	15475821	171983	78.3	1.749	2196			93.0	92.9	20.6		93
Dew Point	12754616	167310	76.2	1.850	2196			93.0	91.8	3.9		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) OCT (MONTH)

PAGE 1 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95								.0										1	1		
94/ 93							.1	.0										4	4		
92/ 91				.1	.3	.9	2.3	.1										80	80		
90/ 89			.5	1.2	2.5	7.6	1.7											294	294		
88/ 87		.1	.5	1.7	12.3	6.9	.1											480	480	2	
86/ 85		.2	.7	1.4	4.2	1.9												623	623	26	8
84/ 83		.1	2.7	8.6	2.8	.1												316	316	48	24
82/ 81	.0	.9	4.3	2.6	.2													176	176	200	47
80/ 79	.1	1.7	3.0	.3														113	113	991	161
78/ 77	.2	3.1	.4															80	80	713	743
76/ 75	.2	.9	.0															23	25	196	922
74/ 73	.1	.1																9	5	19	258
72/ 71																				2	32
70/ 69																					2
TOTAL	.6	7.1	12.2	25.9	32.5	17.3	4.2	.2										2197	2197		2197
																				2197	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12638203	165817	75.4	8.359	2197							
Dry Bulb	16035130	187542	85.4	3.443	2197			93.0	93.0	86.2	.2	93
Wet Bulb	13657035	173169	78.8	1.877	2197			93.0	92.9	31.8		93
Dew Point	12857025	168011	76.5	1.994	2197			93.0	91.6	5.5		93

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

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/HUCHOLZ (STATION NAME) 44-72 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97									.0									1	1		
96/ 95								.0										1	1		
94/ 93							.1	.2										6	6		
92/ 91					.1	.5	1.0	.1										37	37		
90/ 89			.0	.5	.8	4.7	1.4											164	164		
88/ 87			.2	1.3	3.3	5.3	.3											339	339		
86/ 85		.1	.8	8.4	17.6	1.9												633	633	4	1
84/ 83	.0	.4	2.8	14.3	3.7	.2		.0										471	471	27	10
82/ 81		.9	5.4	4.5	.2													241	241	114	25
80/ 79	.1	3.0	4.3	.3														171	171	771	117
78/ 77	.2	3.4	1.0															101	101	992	584
76/ 75	.2	1.0																27	27	256	1056
74/ 73	.2	.1																6	6	33	365
72/ 71																					38
70/ 69																				1	1
64/ 63																					1
TOTAL	.8	8.9	14.4	29.4	30.8	12.6	2.0	.4	.0									2198		2198	
																		2198		2198	

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.	13009604	168080	76.5	8.437	2198							
Dry Bulb	15669712	185440	84.4	3.345	2198			93.0	93.0	84.5	.3	93
Wet Bulb	13453574	171922	78.2	1.689	2198			93.0	93.0	18.7		93
Dew Point	12684667	166929	75.9	1.798	2198			93.0	91.3	3.3		93

USAFETAC FORM 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) OCT (MONTH)

PAGE 1 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89					.0	.2	.0											7	7		
88/ 87					.5	.5	.1											25	25		
86/ 85				2.0	3.8	.5	.0											139	139		
84/ 83			2.9	9.5	7.6	.1		.0										662	662		
82/ 81		1.5	5.2	8.6	.7													791	791	7	1
80/ 79		3.8	1.7	1.2		.0												369	369	249	46
78/ 77	.2	5.1	2.6															173	173	1255	368
76/ 75	.2	.9	.1															28	28	639	1146
74/ 73	.0	.1	.0															4	4	47	585
72/ 71																				3	49
70/ 69																				2	1
66/ 65																					1
64/ 63																					1
TOTAL	.5	11.4	22.6	21.4	12.6	1.4	.2	.0										2198	2198		2198
																		2198		2198	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14600935	178565	81.2	6.553	2198							
Dry Bulb	14691289	179631	81.7	2.237	2198			93.0	93.0	78.7		93
Wet Bulb	13053369	169361	77.1	1.300	2198			93.0	92.8	2.8		93
Dew Point	12464290	165486	75.3	1.502	2198			92.9	90.2	.3		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-72 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85				.4	.1	.1												13	13		
84/ 83			1.9	12.7	2.4	.0												375	375		
82/ 81		1.5	21.9	23.1	1.0	.0												1048	1048		
80/ 79		5.6	17.6	2.2														558	558	146	27
78/ 77	.3	4.8	2.4	.0														167	167	1223	376
76/ 75	.5	1.0	.1															33	33	779	1150
74/ 73	.1	.1																4	4	51	604
72/ 71																				3	39
70/ 69																					1
68/ 67																					1
TOTAL	.9	13.0	43.9	38.5	3.5	.2													2198		2198
																		2198		2198	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15242977	182627	83.1	5.600	2198							
Dry Bulb	14417288	177972	81.0	1.772	2198			93.0	93.0	75.6		93
Wet Bulb	12973896	168848	76.8	1.202	2198			93.0	92.9	1.2		93
Dew Point	12451184	165402	75.3	1.410	2198			93.0	91.3	.2		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) NOV (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83			1.0	3.0	.6	.0												98	98		
82/ 81		1.9	4.1	2.3	1.6	.0												1063	1063	2	2
80/ 79	.2	7.0	2.5	4.3	.3													731	732	110	20
78/ 77	.2	5.9	2.4	.2														186	186	1028	378
76/ 75	.4	1.7	.0															46	46	902	1014
74/ 73	.0	.1																4	4	75	617
72/ 71																				11	83
70/ 69																					13
68/ 67																					1
TOTAL	.9	16.6	30.0	29.9	2.5	.1													2129		2128
																		2128		2128	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15139602	179086	84.2	5.665	2128							
Dry Bulb	13782596	171266	80.4	1.566	2129			90.0	90.0	70.0		90
Wet Bulb	12487864	162994	76.6	1.255	2128			90.0	89.5	.6		90
Dew Point	12014932	159864	75.1	1.578	2128			90.0	85.9	.2		90

USAFETAC FORM 0-26-5 (OL A) JUL 61 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-72 (YEARS) NOV (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
84/ 83			.9	1.7	.1													59	59		
82/ 81		1.3	19.4	20.9	1.0	.1												910	910		
80/ 79		8.0	28.7	4.9	.4													893	894	88	18
78/ 77	.1	6.3	3.1	.7														218	218	945	310
76/ 75	.2	1.8	.1															46	46	994	1003
74/ 73	.0	.1																1	1	87	698
72/ 71																				15	83
70/ 69																					11
68/ 67																					5
TOTAL	.4	17.5	52.3	20.2	1.5	.1													2130		2128
																		2129		2129	

Element (X)	$\Sigma x'$	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.	15222998	179670	84.4	5.325	2129							
Dry Bulb	13703597	170817	80.2	1.501	2130			90.0	90.0	65.4		90
Wet Bulb	12439015	162713	76.4	1.256	2129			90.0	89.4	.5		90
Dew Point	11966671	159543	75.0	1.566	2128			90.0	85.8	.1		90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) NOV (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87					.3	.0												7	7		
86/ 85		.0	.3	1.0	1.5	.1												65	65		
84/ 83		.2	2.7	7.9	2.1	.1	.0											278	278	1	1
82/ 81		1.2	8.9	9.6	1.4													865	865	18	7
80/ 79	.0	6.1	11.1	3.5	.4													663	663	153	41
78/ 77	.3	5.4	3.5	.3														202	202	1020	309
76/ 75	.4	1.7	.0															46	46	836	1056
74/ 73	.0	.1																3	3	91	612
72/ 71		.0																1	1	10	84
70/ 69																				1	15
68/ 67																					5
TOTAL	.8	14.8	46.1	32.3	5.7	.3	.0												2130		2130
																		2130		2130	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	148278 67	177249	83.2	6.052	2130							
Dry Bulb	139118 02	172088	80.8	1.984	2130			90.0	90.0	70.1		90
Wet Bulb	125326 35	163357	76.7	1.409	2130			90.0	89.5	2.3		90
Dew Point	120225 01	159985	75.1	1.675	2130			90.0	85.6	.7		90

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

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91								.0										1	1		
90/ 89			.1	.5	.5	1.1	.3											71	71		
88/ 87		.3	.5	1.5	3.6	3.1	.1											237	237	1	
86/ 85		.2	.6	8.4	12.4	1.7	.0											497	497	15	5
84/ 83		.3	4.1	20.8	5.5	.5	.1											666	666	28	17
82/ 81		.5	10.4	5.9	.8													375	375	77	29
80/ 79	.1	3.2	3.6	.3														156	156	589	103
78/ 77	.3	3.1	.9	.0														94	94	1100	585
76/ 75	.3	.8	.0															26	26	280	991
74/ 73	.1	.2																6	6	35	347
72/ 71	.0																	1	1	5	43
70/ 69																					9
68/ 67																					1
TOTAL	.9	8.6	20.4	37.4	24.8	7.2	.6	.0											2130		2130
																		2130		2130	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13250899	167209	78.5	7.646	2130							
Dry Bulb	14893503	178003	83.6	2.898	2130			90.0	90.0	81.5		90
Wet Bulb	12981866	166246	78.0	1.776	2130			90.0	89.8	15.4		90
Dew Point	12311567	161283	76.0	1.966	2130			90.0	87.8	3.9		90

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

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/KUCHOLZ (STATION NAME) 44-72 (YEARS) NOV (MONTH)

PAGE 1 1200-1400 (HOURS (L, S, Y.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91					.0	.3	.2	.0										12	12		
90/ 89		.1	.6	.9	1.2	4.5	1.0	.0										178	178		
88/ 87	.0	.2	.6	1.8	10.2	4.6	.4											380	380	6	4
86/ 85		.3	.8	10.3	16.2	2.9	.2											654	654	18	5
84/ 83		.2	5.0	13.6	3.6	.1												482	482	43	22
82/ 81		1.3	5.8	2.3	.1													201	201	126	46
80/ 79	.0	2.5	2.7	.2														116	116	384	130
78/ 77	.2	2.9	.8															84	84	839	724
76/ 75	.3	.6	.0	.1														22	22	186	872
74/ 73	.0	.0																2	2	23	277
72/ 71																				2	42
70/ 69																				2	5
68/ 67																					1
TOTAL	.7	8.2	16.3	29.1	31.3	12.5	1.8	.1											2131		2130
																		2131		2131	

Element (X)	$\Sigma X'$	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.	12701390	162604	76.8	8.135	2131							
Dry Bub	15290210	180388	84.6	3.100	2131			90.0	90.0	83.4		90
Wet Bulb	13164814	167446	78.6	1.881	2131			90.0	89.8	23.3		90
Dew Point	12430446	162656	76.4	2.094	2130			90.0	88.0	5.2		90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
94/ 93							.0											1	1		
92/ 91						.2	.1											6	6		
90/ 89			.1	.1	.5	1.4	.3	.0										52	52		
88/ 87			.4	.9	5.0	3.4	.4											216	216		
86/ 85		.1	.8	8.2	14.2	2.8												555	555	4	
84/ 83		.3	4.8	18.5	6.7	.3												651	651	16	7
82/ 81		.5	9.0	5.4	.6													330	330	79	29
80/ 79	.1	3.8	2.0	.6														201	201	603	86
78/ 77	.2	3.1	.8															90	90	1084	590
76/ 75	.3	.8	.0															25	25	313	946
74/ 73	.1																	3	3	32	411
72/ 71																					56
70/ 69																					5
TOTAL	.8	8.4	21.0	33.8	26.9	8.1	.8	.0											2130		2130
																		2130		2130	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	131058[illegible]	166256	78.1	7.779	2130							
Dry Bulb	14892295	177999	83.6	2.854	2130			90.0	90.0	81.7	.0	90
Wet Bulb	12942916	166002	77.9	1.609	2130			90.0	90.0	12.8		90
Dew Point	12258231	161539	75.8	1.830	2130			90.0	87.4	2.5		90

5

USAFETAC FORM 0-26-5 (OL A) 44 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) NOV (MONTH)

PAGE 1 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
88/ 87					.0													1	1		
86/ 85				.7	1.0	.1												37	37		
84/ 83			3.3	4.7	3.5	.3												506	506		
82/ 81		1.5	1.7	1.7	2.1													1001	1001	4	
80/ 79	.1	4.9	2.2	1.8	.2													410	410	189	48
78/ 77	.2	5.4	1.2	.1														148	148	1217	383
76/ 75	.1	1.0	.1															25	25	671	1090
74/ 73		.0																1	1	42	517
72/ 71																				6	81
70/ 69																					8
68/ 67																					2
TOTAL	.4	12.9	8.6	8.9	8.9	.4												2129	2129		2129
																		2129		2129	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14444113	174877	82.1	6.118	2129							
Dry Bulb	14094292	173182	81.3	1.804	2129			90.0	90.0	76.4		90
Wet Bulb	12607789	163813	76.9	1.268	2129			90.0	59.7	2.3		90
Dew Point	12069706	160266	75.3	1.573	2129			90.0	86.2	.3		90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) NOV (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85				.1														2	2		
84/ 83			1.5	6.3	1.3													193	193		
82/ 81		1.8	26.9	24.0	3.1													1187	1187		
80/ 79	.1	7.2	15.6	2.6	.2	.0												550	550	132	23
78/ 77	.1	5.2	1.9	.3														159	159	1196	421
76/ 75	.2	1.5	.0															39	39	719	1058
74/ 73																				75	523
72/ 71																				8	92
70/ 69																					12
68/ 67																					1
TOTAL	.5	15.8	45.9	33.3	4.6	.0												2130	2130	2130	2130

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14898027	177723	83.4	5.700	2130							
Dry Bulb	13915013	172127	80.8	3.577	2130			90.0	90.0	74.5		90
Wet Bulb	12359671	163539	76.8	1.281	2130			90.0	89.7	.9		90
Dew Point	12057700	160224	75.2	1.570	2130			90.0	85.6	.2		90

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

USAFETAC

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-72 (YEARS) DEC (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
84/ 83			.1	.5	.1													15	15		
82/ 81		1.8	18.4	23.6	3.8	.3												1049	1049		
80/ 79		5.5	20.2	13.1	2.1	.4												905	914	71	15
78/ 77	.2	4.7	2.4	1.0	.1													187	187	741	252
76/ 75	.5	1.0	.0															34	34	1075	776
74/ 73		.0																1	1	264	799
72/ 71																				30	258
70/ 69																				10	70
68/ 67																					10
66/ 65																					10
64/ 63																					1
TOTAL	.7	13.1	41.2	38.1	6.2	.6													2200		2191
																		2191		2191	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14957746	180510	82.4	6.269	2191							
Dry Bulb	14175908	176574	80.3	1.385	2200			93.0	93.0	71.9		93
Wet Bulb	12658553	166505	76.0	1.512	2191			93.0	91.3	.6		93
Dew Point	12103824	162786	74.3	2.052	2191			92.5	78.2	.2		93

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/RUCHOLZ (STATION NAME) 44-72 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83			.0	.1														3	3		
82/ 81		1.1	12.3	21.2	3.3	.1												833	833		
80/ 79	.0	6.4	22.5	15.3	2.8	.5	.0											1045	1054	44	8
78/ 77	.3	6.6	3.8	1.4	.2													269	269	620	210
76/ 75	.0	1.4		.1	.1													37	37	1142	701
74/ 73	.2		.0															5	5	322	867
72/ 71																				47	284
70/ 69																				15	89
68/ 67																				2	20
66/ 65																					12
64/ 63																					1
TOTAL	.5	15.5	38.7	38.1	6.5	.5	.0												2201		2192
																		2192		2192	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15040060	181022	82.6	6.435	2192							
Dry Bulb	14071310	175960	79.9	1.366	2201			93.0	93.0	65.0		93
Wet Bulb	12578119	166011	75.7	1.553	2192			93.0	90.3	.4		93
Dew Point	12026520	162300	74.0	2.083	2192			92.4	75.8	.0		93

USAFETAC FORM 0-25-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) DEC (MONTH)

 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
86/ 85			.0	.0	.2	.0												7	7		
84/ 83			.4	2.0	2.5													108	108		
82/ 81		1.0	15.6	22.3	5.7	.4												986	989	1	
80/ 79		5.1	18.1	12.2	3.2	.3												892	858	64	12
78/ 77	.2	5.8	1.8	1.1	.4													205	205	720	243
76/ 75	.1	1.1	.1															29	29	1049	748
74/ 73	.1	.1																5	5	290	750
72/ 71																				59	107
70/ 69																				9	82
68/ 67																					27
66/ 65																					13
TOTAL	.5	13.1	36.0	37.7	12.0	.7													2201		2192
																		2192		2192	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	146964994	178876	81.6	6.688	2192							
Dry Bulb	14221145	176887	80.4	1.556	2201			93.0	93.0	70.8		93
Wet Bulb	12626460	166328	75.9	1.594	2192			93.0	90.1	.4		93
Dew Point	12042282	162402	74.1	2.153	2192			92.4	74.4	.0		93

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

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) DEC (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
90/ 89				.0	.0	.2	.1	.0										11	11		
88/ 87			.1	.6	1.3	1.2	.3											89	89		
86/ 85		.0	.9	4.9	10.3	4.0	.8	.1										500	504		
84/ 83		.1	4.5	17.1	10.8	2.2	.2											832	836	10	
82/ 81	.0	1.0	10.4	11.2	4.1	1.0	.1	.0										664	665	56	17
80/ 79	.1	2.6	3.9	.7	.2	.1												181	181	423	93
78/ 77	.1	2.2	.5															69	69	1102	472
76/ 75	.3	.9	.0															30	30	624	876
74/ 73		.1																2	2	138	582
72/ 71																				20	235
70/ 69																				5	73
68/ 67																					19
66/ 65																					10
64/ 63																					1
TOTAL	.6	6.9	20.5	34.7	27.0	8.8	1.5	.2										2378	2201	2192	2192

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13308822	169898	77.5	7.986	2192							
Dry Bulb	15127796	182402	82.9	2.308	2201			93.0	93.0	86.2		93
Wet Bulb	13049009	169077	77.1	1.848	2192			93.0	91.9	7.9		93
Dew Point	12321420	164256	74.9	2.437	2192			92.3	79.4	2.1		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) DEC (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
92/ 91				.1														2	2		
90/ 89			.1	.5	.7	1.6	1.1	.0										89	89		
88/ 87	.0		.4	1.6	5.2	5.3	.8	.2										298	301	1	
86/ 85		.1	.8	7.3	14.8	6.6	1.0											669	671	11	4
84/ 83		.0	4.8	16.5	9.2	2.1	.1	.1										720	723	28	11
82/ 81	.0	.4	5.8	3.3	1.4	.2	.0											242	242	94	28
80/ 79	.0	2.0	2.3															95	97	558	133
78/ 77	.4	2.0	.4															61	61	1043	492
76/ 75	.1	.4																12	12	389	821
74/ 73	.0																	1	1	61	460
72/ 71																				6	176
70/ 69																				3	47
68/ 67																					11
66/ 65																					2
64/ 63																					2
62/ 61																					2
TOTAL	.7	4.9	14.6	29.2	31.3	15.9	3.0	.4											2199		2189
																		2189		2190	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	125468824	164710	75.2	8.371	2189			93.0	93.0	87.8		93
Dry Bulb	15637900	185352	84.3	2.588	2199			93.0	93.0	87.8		93
Wet Bulb	13275816	170460	77.8	1.907	2190			93.0	92.6	15.0		93
Dew Point	12454668	165026	75.4	2.490	2189			92.7	82.8	3.5		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

5

PSYCHROMETRIC SUMMARY

40624 STATION | KWAJALEIN MARSHALL IS/BUCHOLZ STATION NAME | 44-72 YEARS | DEC MONTH

PAGE 1 | 1900-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89			.0	.1	.2	.7	.2											27	27		
88/ 87		.2	.4	1.1	2.6	3.0	.7	.1										176	176		
86/ 85		.2	.9	4.7	10.8	4.7	.6	.1										484	486	6	4
84/ 83		.1	3.9	19.2	12.9	2.2	.2	.1										848	851	22	7
82/ 81		.7	7.8	7.2	3.0	.5	.1											422	426	58	25
80/ 79	.1	2.6	3.5	.3	.0													143	142	385	88
78/ 77	.3	2.2	.6	.1														69	69	1082	418
76/ 75	.1	.8																19	19	530	828
74/ 73	.1	.0																3	3	95	542
72/ 71																				11	207
70/ 69																				2	54
68/ 67																					11
66/ 65																					5
64/ 63																					2
TOTAL	.5	6.7	17.2	32.7	29.5	11.2	1.9	.3											2200		2191
																		2191		2191	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12962166	167576	76.5	8.146	2191							
Dry Bulb	15325151	183539	83.4	2.439	2200			93.0	93.0	87.1		93
Wet Bulb	13121100	169506	77.4	1.829	2191			93.0	92.4	8.8		93
Dew Point	12360990	164482	75.1	2.394	2191			92.7	81.2	[illegible]		93

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

5

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89						.0												1	1		
88/ 87					.0													1	1		
86/ 85			.0	.2	.2													11	11		
84/ 83			1.9	7.3	4.2	.9												313	313		
82/ 81		1.6	17.1	28.7	8.2	1.0												1240	1240	9	1
80/ 79		4.6	9.9	3.6	1.6	.3												482	491	127	37
78/ 77	.3	3.4	1.3		.1													111	112	927	289
76/ 75	.5	.9																31	31	846	808
74/ 73	.0																	1	1	251	683
72/ 71																				31	265
70/ 69																				4	81
68/ 67																					23
66/ 65																					3
TOTAL	.8	10.5	30.2	41.8	14.4	2.3													2201		2190
																		2191		2191	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	142833980	176248	80.4	6.953	2191							
Dry Bulb	14483953	178513	81.1	1.593	2201			93.0	93.0	81.8		93
Wet Bulb	12756724	167146	76.3	1.594	2191			93.0	91.5	1.6		93
Dew Point	12133430	162946	76.4	2.169	2190			92.9	77.2	.4		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (YEARS) DEC (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85					.0													1	1		
84/ 83			.3	1.6	.2													46	46		
82/ 81		1.7	19.6	27.5	3.5	.5												1199	1199		
80/ 79		5.9	17.9	9.0	2.4	.5												782	793	91	22
78/ 77	.3	3.5	1.2	.3	.2													121	122	836	294
76/ 75	.5	1.1	.1															39	39	968	768
74/ 73																				243	763
72/ 71																				49	218
70/ 69																				5	95
68/ 67																					25
66/ 65																					3
TOTAL	.8	12.2	39.2	38.4	8.4	1.0													2200		2188
																		2188		2188	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1,743865	179043	81.8	6.516	2188							
Dry Bulb	1427 4367	177185	80.5	1.370	2200			93.0	93.0	77.9		93
Wet Bulb	12685 38	166964	76.1	1.573	2188			93.0	90.9	1.0		93
Dew Point	12106951	162691	74.4	2.127	2188			92.9	78.5	.4		93

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

40604 — STATION
KWAJALEIN MARSHALL IS/RUCHOLZ — STATION NAME
44-72 — YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN.	JUL.	AUG	SEP	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	79.2	79.4	79.6	80.1	80.3	80.4	80.2	80.4	80.5	80.4	80.4	80.3	80.2
	S. D.	1.118	1.090	1.227	1.201	1.357	1.309	1.476	1.589	1.687	1.711	1.566	1.333	1.458
	TOTAL OBS	2107	1942	2101	2067	2144	2014	2199	2201	2130	2197	2129	2200	25446
03-05	MEAN	79.1	79.1	79.3	79.6	80.0	80.1	79.9	80.0	80.1	80.2	80.2	79.9	79.8
	S. D.	1.169	1.103	1.205	1.175	1.353	1.282	1.434	1.584	1.688	1.660	1.501	1.306	1.441
	TOTAL OBS	2109	1932	2102	2085	2141	2011	2201	2200	2128	2199	2130	2201	25437
06-08	MEAN	79.6	79.5	79.9	80.3	80.6	80.8	80.5	80.7	80.7	80.9	80.8	80.4	80.4
	S. D.	1.378	1.437	1.678	1.763	1.773	1.871	1.913	2.065	2.138	2.180	1.984	1.556	1.887
	TOTAL OBS	2108	1944	2105	2085	2141	2016	2201	2201	2128	2198	2130	2201	25458
09-11	MEAN	82.3	82.4	83.1	83.4	83.4	83.7	83.6	83.8	83.9	84.1	83.6	82.9	83.4
	S. D.	2.143	2.362	2.662	2.674	2.618	2.626	2.671	2.865	3.023	3.061	2.898	2.309	2.730
	TOTAL OBS	2106	1933	2105	2084	2139	2017	2200	2201	2129	2198	2130	2201	25445
12-14	MEAN	84.0	84.4	84.8	84.8	84.7	85.0	85.2	85.4	85.3	85.4	84.6	84.3	84.8
	S. D.	2.392	2.675	2.872	3.006	2.937	2.899	3.024	3.108	3.357	3.441	3.100	2.538	2.997
	TOTAL OBS	2107	1942	2101	2083	2135	2014	2199	2199	2130	2197	2131	2199	25437
15-17	MEAN	83.9	83.5	83.8	83.8	83.9	84.2	84.5	84.7	84.7	84.4	83.6	83.4	84.0
	S. D.	2.786	2.461	2.575	2.747	2.803	2.752	2.946	3.167	3.302	3.345	2.854	2.439	2.872
	TOTAL OBS	2106	1931	2101	2082	2135	2019	2197	2199	2128	2198	2130	2200	25426
18-20	MEAN	80.6	80.6	81.0	81.2	81.5	81.6	81.8	82.0	82.0	81.7	81.3	81.1	81.4
	S. D.	1.441	1.563	1.674	1.656	1.930	1.839	2.166	2.362	2.481	2.237	1.804	1.593	1.971
	TOTAL OBS	2108	1944	2104	2081	2137	2019	2200	2200	2127	2198	2129	2201	25446
21-23	MEAN	79.5	79.7	80.0	80.3	80.6	80.7	80.6	80.8	81.0	81.0	80.8	80.5	80.5
	S. D.	1.117	1.105	1.244	1.203	1.347	1.398	1.551	1.613	1.706	1.772	1.577	1.370	1.494
	TOTAL OBS	2107	1930	2107	2086	2137	2018	2201	2201	2130	2199	2130	2200	25439
ALL HOURS	MEAN	81.1	81.1	81.4	81.7	81.9	82.1	82.0	82.2	82.3	82.3	81.9	81.6	81.8
	S. D.	2.430	2.665	2.815	2.776	2.735	2.754	2.986	3.095	3.164	3.153	2.770	2.451	2.858
	TOTAL OBS	16857	15498	16826	16662	17109	16128	17598	17603	17030	17582	17039	17603	203534

1210 WS FORM JUL 64 0-89-5 (OL-I)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

40604 — STATION
KWAJALEIN MARSHALL IS/BUCHHOLZ — STATION NAME
44-72 — YEARS

HRS (L S T)		JAN	FEB.	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	74.8	74.7	75.2	76.0	76.6	76.9	76.6	76.6	76.7	76.8	76.8	76.0	76.1
	S. D.	1.709	1.592	1.495	1.246	1.155	1.139	1.130	1.141	1.175	1.207	1.255	1.512	1.923
	TOTAL OBS	2095	1947	2082	2016	2105	2014	2192	2196	2127	2194	2126	2191	25282
03-05	MEAN	74.9	74.5	75.0	75.7	76.4	76.6	76.4	76.5	76.4	76.4	76.4	75.7	75.9
	S D	1.709	1.618	1.532	1.254	1.136	1.144	1.108	1.117	1.148	1.161	1.256	1.553	1.923
	TOTAL OBS	2098	1932	2084	2017	2103	2011	2195	2194	2126	2193	2129	2192	25273
06-08	MEAN	74.8	74.5	75.2	76.0	76.7	77.0	76.8	76.8	76.7	76.7	76.7	75.9	76.1
	S. D.	1.751	1.686	1.612	1.327	1.242	1.314	1.208	1.350	1.362	1.398	1.409	1.594	1.672
	TOTAL OBS	2096	1942	2086	2019	2102	2016	2193	2199	2125	2194	2130	2192	25290
09-11	MEAN	75.8	76.0	76.6	77.4	78.1	78.4	78.3	78.3	78.3	78.0	77.6	77.1	77.6
	S. D.	1.856	1.878	1.856	1.561	1.615	1.718	1.714	1.736	1.657	1.749	1.776	1.848	1.971
	TOTAL OBS	2097	1933	2084	2019	2102	2017	2196	2195	2126	2196	2130	2192	25286
12-14	MEAN	76.6	76.7	77.4	78.0	78.6	79.0	79.0	79.0	78.9	78.8	78.6	77.8	78.2
	S. D	1.850	1.970	1.875	1.646	1.711	1.786	1.747	1.814	1.730	1.877	1.881	1.907	2.008
	TOTAL OBS	2098	1942	2082	2018	2099	2011	2196	2192	2128	2197	2131	2190	25280
15-17	MEAN	76.3	76.3	76.9	77.4	78.2	78.5	78.5	78.4	78.4	78.3	77.9	77.4	77.7
	S. D	1.754	1.798	1.761	1.494	1.515	1.621	1.581	1.601	1.647	1.689	1.809	1.829	1.949
	TOTAL OBS	2097	1931	2083	2013	2101	2015	2194	2194	2128	2194	2130	2191	25275
18-20	MEAN	75.2	75.2	75.8	76.4	77.1	77.3	77.2	77.4	77.2	77.1	76.9	76.3	76.6
	S. D.	1.582	1.601	1.539	1.277	1.205	1.248	1.277	1.303	1.287	1.300	1.268	1.594	1.578
	TOTAL OBS	2097	1944	2086	2017	2104	2016	2197	2197	2124	2198	2129	2191	25295
21-23	MEAN	74.9	74.9	75.4	76.1	76.8	77.0	76.8	77.0	76.9	76.8	76.8	76.1	76.3
	S D	1.638	1.562	1.486	1.218	1.107	1.164	1.137	1.158	1.217	1.202	1.351	1.573	1.520
	TOTAL OBS	2097	1929	2086	2017	2103	2015	2197	2198	2127	2198	2130	2188	25282
ALL HOURS	MEAN	75.3	75.4	76.0	76.8	77.5	77.8	77.5	77.5	77.4	77.4	77.2	76.5	76.8
	S D	1.899	1.905	1.843	1.607	1.571	1.646	1.665	1.699	1.674	1.708	1.865	1.836	1.904
	TOTAL OBS	16771	15495	16675	16125	16819	16115	17560	17561	17011	17567	17037	17527	202263

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

40604 — STATION
KWAJALEIN MARSHALL IS/BUCHOLZ — STATION NAME
44-72 — YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	72.8	72.7	73.5	74.4	75.2	75.5	75.3	75.3	75.2	75.1	75.1	74.1	74.5
	S. D.	2.403	2.231	2.043	1.689	1.456	1.492	1.337	1.375	1.413	1.427	1.578	2.082	1.978
	TOTAL OBS	2093	1941	2082	2012	2105	2014	2192	2194	2127	2194	2128	2191	25270
03-05	MEAN	72.5	72.5	73.3	74.1	75.0	75.2	75.1	75.1	74.9	74.9	75.0	74.0	74.3
	S. D.	2.402	2.260	2.083	1.697	1.406	1.439	1.294	1.343	1.321	1.399	1.566	2.083	1.974
	TOTAL OBS	2096	1731	2084	2019	2103	2011	2195	2194	2125	2191	2128	2192	25269
06-08	MEAN	72.4	72.5	73.3	74.3	75.2	75.5	75.3	75.3	75.1	75.1	75.1	74.1	74.5
	S. D.	2.483	2.374	2.206	1.777	1.510	1.558	1.433	1.503	1.485	1.562	1.675	2.153	2.114
	TOTAL OBS	2098	1942	2086	2019	2102	2016	2192	2194	2125	2192	2130	2192	25286
09-11	MEAN	73.2	73.3	74.1	75.2	76.2	76.5	76.3	76.3	76.2	76.2	76.0	74.9	75.4
	S. D.	2.614	2.551	2.328	2.012	1.836	1.941	1.766	1.880	1.751	1.858	1.966	2.437	2.400
	TOTAL OBS	2097	1933	2084	2016	2101	2017	2190	2194	2126	2196	2130	2192	25284
12-14	MEAN	73.7	73.7	74.5	75.5	76.4	76.8	76.7	76.7	76.5	76.5	76.4	75.4	75.8
	S. D.	2.710	2.751	2.576	2.101	1.993	2.015	1.878	1.969	1.787	1.994	2.094	2.490	2.474
	TOTAL OBS	2095	1942	2082	2014	2099	2012	2194	2191	2127	2197	2130	2189	25274
15-17	MEAN	73.5	73.5	74.2	75.1	76.1	76.4	76.3	76.3	76.1	75.9	75.8	75.1	75.4
	S. D.	2.670	2.698	2.467	1.939	1.776	1.844	1.717	1.848	1.794	1.798	1.830	2.394	2.286
	TOTAL OBS	2093	1931	2083	2013	2100	2015	2194	2194	2128	2198	2130	2191	25275
18-20	MEAN	73.0	73.0	73.7	74.5	75.4	75.7	75.5	75.4	75.4	75.3	75.3	74.4	74.7
	S. D.	2.297	2.230	2.124	1.709	1.515	1.535	1.462	1.503	1.658	1.502	1.577	2.169	2.026
	TOTAL OBS	2097	1941	2085	2011	2104	2016	2197	2196	2124	2198	2129	2190	25288
21-23	MEAN	72.9	72.9	73.6	74.4	75.4	75.6	75.4	75.3	75.3	75.3	75.2	74.4	74.7
	S. D.	2.320	2.191	2.035	1.645	1.430	1.452	1.380	1.409	1.451	1.430	1.570	2.127	1.975
	TOTAL OBS	2096	1928	2087	2011	2103	2013	2197	2197	2127	2196	2130	2188	25275
ALL HOURS	MEAN	73.0	73.0	73.8	74.7	75.6	75.9	75.7	75.8	75.6	75.5	75.5	74.6	74.9
	S. D.	2.492	2.431	2.308	1.887	1.701	1.757	1.652	1.716	1.685	1.721	1.806	2.291	2.218
	TOTAL OBS	16768	15487	16673	16123	16817	16114	17557	17556	17009	17564	17035	17525	202229

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

40604 (STATION) KWAJALEIN MARSHALL IS/RICHOL7 (STATION NAME) 44-72 (PERIOD) ALL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	100.0	97.9	80.0	32.9	5.1	77.1	16769
FEB		100.0	100.0	100.0	100.0	99.9	96.9	80.3	33.0	5.2	77.1	15498
MAR		100.0	100.0	100.0	100.0	99.9	97.5	82.6	39.1	6.9	78.2	16675
APR		100.0	100.0	100.0	100.0	100.0	98.9	88.4	47.2	9.0	80.0	16124
MAY		100.0	100.0	100.0	100.0	100.0	99.6	92.9	56.9	11.2	81.7	16819
JUN		100.0	100.0	100.0	100.0	100.0	99.8	93.1	58.5	12.1	82.0	16113
JUL		100.0	100.0	100.0	100.0	100.0	99.9	92.3	57.2	10.4	81.7	17560
AUG		100.0	100.0	100.0	100.0	100.0	99.5	90.9	54.8	10.9	81.3	17561
SEP		100.0	100.0	100.0	100.0	100.0	99.4	89.3	51.8	10.2	80.7	17010
OCT		100.0	100.0	100.0	100.0	100.0	99.7	89.3	48.8	10.8	80.6	17566
NOV		100.0	100.0	100.0	100.0	100.0	99.9	91.6	53.4	11.6	81.3	17037
DEC		100.0	100.0	100.0	100.0	100.0	99.4	87.9	43.6	9.4	79.8	17526
TOTALS		100.0	100.0	100.0	100.0	100.0	99.0	88.2	48.1	9.4	80.1	202257

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 45-72 (PERIOD) JAN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	100.0	99.7	93.9	48.9	6.3	80.1	2095
	03-05	100.0	100.0	100.0	100.0	100.0	99.5	93.2	47.2	6.3	80.2	2096
	06-08	100.0	100.0	100.0	100.0	100.0	99.6	90.4	43.3	6.3	79.5	2096
	09-11	100.0	100.0	100.0	100.0	99.9	96.9	68.6	22.0	4.2	74.7	2097
	12-14	100.0	100.0	100.0	100.0	99.8	92.6	51.9	11.1	3.0	71.7	2095
	15-17	100.0	100.0	100.0	100.0	99.9	95.5	60.7	16.8	3.7	73.2	2096
	18-20	100.0	100.0	100.0	100.0	100.0	99.7	87.7	32.0	5.6	78.0	2097
	21-23	100.0	100.0	100.0	100.0	100.0	99.7	93.3	47.2	6.7	79.7	2097
TOTALS		100.0	100.0	100.0	100.0	100.0	97.9	80.0	32.9	5.1	77.1	16769

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHOLZ (STATION NAME) 44-72 (PERIOD) FEB (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	100.0	100.0	99.7	95.8	46.3	6.8	80.4	1942
	03-05	100.0	100.0	100.0	100.0	100.0	99.7	95.8	49.1	7.6	80.6	1932
	06-08	100.0	100.0	100.0	100.0	99.9	98.9	91.6	44.0	6.7	79.6	1942
	09-11	100.0	100.0	100.0	100.0	99.9	96.0	69.1	22.0	3.5	74.6	1933
	12-14	100.0	100.0	100.0	100.0	99.5	88.3	50.6	13.6	2.7	71.1	1942
	15-17	100.0	100.0	100.0	100.0	99.9	93.6	57.7	14.6	2.5	72.4	1931
	18-20	100.0	100.0	100.0	100.0	100.0	99.1	86.7	32.6	5.0	77.9	1944
	21-23	100.0	100.0	100.0	100.0	100.0	99.9	95.4	41.8	6.7	79.9	1929
TOTALS		100.0	100.0	100.0	100.0	99.9	96.9	80.3	33.0	5.2	77.1	15495

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHLZ (STATION NAME) 44-46,48-72 (PERIOD) MAR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	100.0	100.0	100.0	98.4	54.7	10.1	81.9	2082
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.3	56.1	9.6	82.1	2084
	06-08	100.0	100.0	100.0	100.0	100.0	99.1	92.8	50.3	8.2	80.6	2086
	09-11	100.0	100.0	100.0	100.0	99.6	95.2	70.6	26.5	5.0	75.7	2084
	12-14	100.0	100.0	100.0	100.0	99.5	91.5	53.1	17.0	4.4	72.2	2082
	15-17	100.0	100.0	100.0	100.0	99.7	94.6	61.0	19.8	4.6	73.5	2083
	18-20	100.0	100.0	100.0	100.0	100.0	99.5	90.0	36.5	6.4	79.0	2086
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	96.5	49.7	6.8	81.1	2088
TOTALS		100.0	100.0	100.0	100.0	99.9	97.5	82.6	39.1	6.9	78.2	16675

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (PERIOD) APR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.6	65.1	11.8	83.3	2015
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.7	68.7	12.9	83.5	2019
	06-08	100.0	100.0	100.0	100.0	100.0	99.7	96.2	60.0	12.3	82.3	2019
	09-11	100.0	100.0	100.0	100.0	100.0	98.1	78.2	32.1	6.3	77.1	2018
	12-14	100.0	100.0	100.0	100.0	99.9	95.5	66.4	22.0	5.8	74.6	2016
	15-17	100.0	100.0	100.0	100.0	100.0	97.8	72.4	24.6	6.3	75.9	2013
	18-20	100.0	100.0	100.0	100.0	100.0	99.9	95.0	44.9	7.1	80.5	2012
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.3	60.1	9.5	82.5	2012
TOTALS		100.0	100.0	100.0	100.0	100.0	98.9	88.4	47.2	9.0	80.0	16124

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

40604 (STATION) KWAJALEIN MARSHALL IS/RICHMOND (STATION NAME) 46-48,48-72 (PERIOD) MAY (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	77.7	14.8	84.8	2105
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	80.9	16.6	85.1	2103
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.4	77.3	13.4	83.9	2102
	09-11	100.0	100.0	100.0	100.0	100.0	99.7	87.7	37.7	7.6	79.3	2102
	12-14	100.0	100.0	100.0	100.0	100.0	98.1	77.7	26.8	6.4	76.8	2099
	15-17	100.0	100.0	100.0	100.0	100.0	98.6	83.0	30.8	6.7	77.7	2101
	18-20	100.0	100.0	100.0	100.0	100.0	100.0	96.2	56.1	10.9	82.1	2104
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.9	72.6	13.4	84.2	2103
TOTALS		100.0	100.0	100.0	100.0	100.0	99.6	92.9	56.9	11.2	81.7	16819

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHOLZ (STATION NAME) 44-45,47-72 (PERIOD) JUN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	79.9	16.8	89.1	2014
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.8	82.0	17.8	85.5	2011
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.3	74.0	13.9	84.3	2016
	09-11	100.0	100.0	100.0	100.0	100.0	100.0	87.6	38.5	7.6	79.2	2017
	12-14	100.0	100.0	100.0	100.0	100.0	99.2	78.3	28.2	6.8	77.1	2011
	15-17	100.0	100.0	100.0	100.0	100.0	99.5	81.8	32.6	6.6	78.0	2015
	18-20	100.0	100.0	100.0	100.0	100.0	100.0	98.7	58.0	11.3	82.5	2016
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	74.6	16.0	84.5	2015
TOTALS		100.0	100.0	100.0	100.0	100.0	99.8	93.1	58.5	12.1	82.0	16115

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

40604 (STATION) KWAJALEIN MARSHALL IS/ALICHOLZ (STATION NAME) 44-72 (PERIOD) JUL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	83.1	13.8	85.1	2192
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	85.1	15.1	85.5	2195
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.2	77.1	13.1	84.4	2193
	09-11	100.0	100.0	100.0	100.0	100.0	100.0	88.9	36.2	7.6	79.2	2196
	12-14	100.0	100.0	100.0	100.0	100.0	99.7	75.5	22.5	5.8	76.3	2196
	15-17	100.0	100.0	100.0	100.0	100.0	99.5	78.5	24.4	6.3	77.0	2194
	18-20	100.0	100.0	100.0	100.0	100.0	100.0	96.5	52.6	9.1	81.7	2197
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.8	74.9	12.6	84.3	2197
TOTALS		100.0	100.0	100.0	100.0	100.0	99.9	92.3	57.2	10.4	81.7	17560

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHOLZ (STATION NAME) 44-72 (PERIOD) AUG (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.8	77.7	14.6	84.7	2196
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	99.9	82.3	16.6	85.3	2194
	06-08	100.0	100.0	100.0	100.0	100.0	99.8	98.8	72.6	14.1	84.1	2195
	09-11	100.0	100.0	100.0	100.0	100.0	99.8	86.0	34.2	6.9	78.6	2195
	12-14	100.0	100.0	100.0	100.0	100.0	98.6	73.9	21.4	5.1	75.9	2192
	15-17	100.0	100.0	100.0	100.0	100.0	98.7	75.7	26.9	7.4	76.5	2194
	18-20	100.0	100.0	100.0	100.0	100.0	99.8	94.2	51.9	9.5	81.3	2197
	21-23	100.0	100.0	100.0	100.0	100.0	99.9	99.5	71.2	12.8	84.0	2198
TOTALS		100.0	100.0	100.0	100.0	100.0	99.5	90.9	54.8	10.9	81.3	17561

USAF ETAC FORM JUL 64 0-87-5 (OL I)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

40604 KWAJALEIN MARSHALL IS/BUCHOLZ 44-47 SEP
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.6	72.6	13.9	84.1	2127
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.4	77.8	14.8	84.6	2125
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.8	69.4	12.9	83.6	2125
	09-11	100.0	100.0	100.0	100.0	100.0	99.6	83.0	32.9	7.2	78.1	2126
	12-14	100.0	100.0	100.0	100.0	100.0	98.3	68.9	22.7	6.5	75.6	2128
	15-17	100.0	100.0	100.0	100.0	100.0	97.8	72.7	25.8	6.3	76.0	2128
	18-20	100.0	100.0	100.0	100.0	100.0	99.7	92.4	49.1	9.2	80.8	2124
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.2	64.1	10.5	83.1	2127
TOTALS		100.0	100.0	100.0	100.0	100.0	99.4	89.3	51.8	10.2	80.7	17010

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHOLZ (STATION NAME) 44-72 (PERIOD) OCT (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.8	68.7	13.6	83.8	2193
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.7	72.2	15.0	84.3	2192
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	97.9	62.8	13.0	83.0	2194
	09-11	100.0	100.0	100.0	100.0	100.0	99.8	80.8	29.1	7.3	77.8	2196
	12-14	100.0	100.0	100.0	100.0	100.0	99.0	66.8	22.3	7.0	75.4	2197
	15-17	100.0	100.0	100.0	100.0	99.9	98.6	73.4	26.2	6.6	76.5	2198
	18-20	100.0	100.0	100.0	100.0	100.0	100.0	96.4	47.7	10.1	81.2	2198
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.5	61.7	11.7	83.1	2198
TOTALS		100.0	100.0	100.0	100.0	100.0	99.7	89.3	48.8	10.8	80.6	17566

USAF ETAC FORM JUL 64 0-87-5 (Cl. 1)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

40604 (STATION) KWAJALEIN MARSHALL IS/BUCHHOLZ (STATION NAME) 44-72 (PERIOD) NOV (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.5	71.9	15.2	84.2	2128
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.6	74.1	15.1	84.4	2129
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	98.9	65.3	13.0	83.2	2130
	09-11	100.0	100.0	100.0	100.0	100.0	99.6	83.5	33.3	8.4	78.5	2130
	12-14	100.0	100.0	100.0	100.0	100.0	99.5	74.0	27.7	7.8	76.8	2131
	15-17	100.0	100.0	100.0	100.0	100.0	99.9	91.0	33.0	8.5	78.1	2130
	18-20	100.0	100.0	100.0	100.0	100.0	100.0	97.9	55.9	11.4	82.1	2129
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.1	66.1	13.5	83.4	2130
TOTALS		100.0	100.0	100.0	100.0	100.0	99.9	91.6	53.4	11.6	81.3	17037

5

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

40604 KWAJALEIN MARSHALL IS/ROCKMILZ 44-72 DEC
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	100.0	100.0	100.0	97.3	58.1	11.2	82.4	2191
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	97.7	57.8	13.8	82.6	2192
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	96.0	52.6	11.5	81.6	2192
	09-11	100.0	100.0	100.0	100.0	100.0	98.7	79.9	31.9	6.7	77.5	2192
	12-14	100.0	100.0	100.0	100.0	99.9	97.8	68.6	22.8	5.3	75.2	2189
	15-17	100.0	100.0	100.0	100.0	100.0	98.6	75.4	26.4	6.0	76.9	2191
	18-20	100.0	100.0	100.0	100.0	100.0	100.0	92.6	44.4	9.4	80.4	2191
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	96.0	54.8	10.9	81.8	2188
TOTALS		100.0	100.0	100.0	100.0	100.0	99.4	87.9	43.6	9.4	79.8	17526

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

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

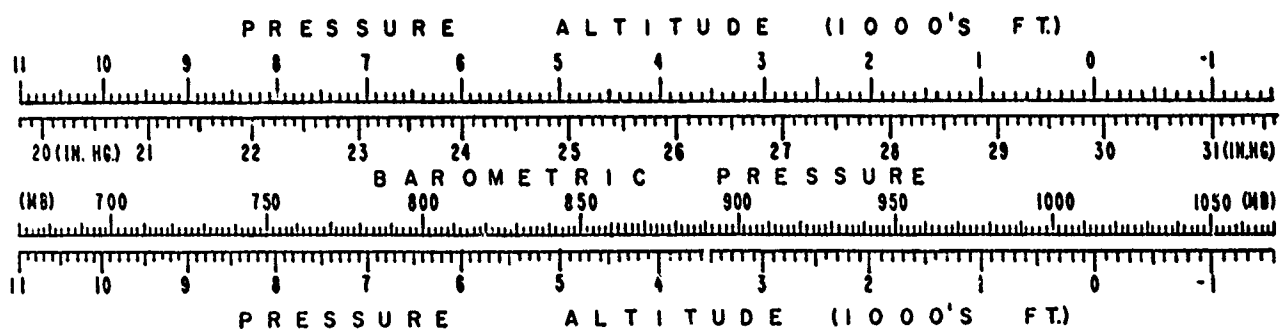
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.

2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

40604 — STATION
KWAJALEIN MARSHALL IS/RUCHUILZ — STATION NAME
46-64,67,69 — YEARS

HRS (L S T)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
02	MEAN	29,772	29,777	29,780	29,788	29,787	29,790	29,789	29,782	29,777	29,774	29,752	29,791	29,776
	S. D.	,045	,049	,046	,046	,044	,037	,037	,039	,038	,041	,047	,046	,044
	TOTAL OBS	589	537	554	555	589	539	589	589	569	588	570	589	6857
05	MEAN	29,751	29,754	29,758	29,766	29,767	29,771	29,769	29,762	29,760	29,759	29,734	29,730	29,757
	S. D.	,045	,049	,046	,043	,046	,038	,037	,039	,040	,042	,049	,048	,046
	TOTAL OBS	589	537	556	555	588	540	589	588	569	588	570	589	6858
08	MEAN	29,790	29,792	29,798	29,808	29,804	29,805	29,802	29,794	29,799	29,803	29,778	29,768	29,795
	S. D.	,047	,051	,047	,047	,047	,040	,039	,041	,043	,043	,051	,050	,047
	TOTAL OBS	589	537	556	555	589	540	588	589	570	588	570	589	6860
11	MEAN	29,808	29,815	29,820	29,827	29,822	29,821	29,817	29,812	29,815	29,814	29,791	29,787	29,812
	S. D.	,046	,050	,045	,041	,042	,039	,038	,039	,040	,042	,049	,047	,045
	TOTAL OBS	589	537	556	555	589	540	589	589	570	588	570	589	6861
14	MEAN	29,767	29,757	29,759	29,772	29,773	29,780	29,778	29,769	29,758	29,753	29,729	29,728	29,758
	S. D.	,045	,050	,046	,041	,041	,037	,038	,040	,038	,042	,048	,046	,046
	TOTAL OBS	589	536	555	555	589	539	589	588	569	587	571	589	6856
17	MEAN	29,731	29,733	29,736	29,746	29,749	29,757	29,754	29,743	29,740	29,740	29,719	29,712	29,738
	S. D.	,045	,049	,047	,042	,043	,038	,038	,040	,040	,043	,048	,046	,045
	TOTAL OBS	589	537	554	554	589	540	588	588	569	584	570	588	6854
20	MEAN	29,775	29,775	29,779	29,790	29,791	29,793	29,789	29,781	29,784	29,786	29,764	29,759	29,780
	S. D.	,046	,052	,048	,045	,048	,040	,039	,042	,042	,043	,050	,048	,047
	TOTAL OBS	588	537	556	551	588	540	589	589	570	588	570	589	6859
23	MEAN	29,797	29,804	29,813	29,823	29,822	29,820	29,818	29,813	29,815	29,811	29,785	29,780	29,805
	S. D.	,045	,050	,046	,041	,044	,038	,038	,039	,039	,041	,047	,046	,045
	TOTAL OBS	589	536	556	552	588	540	589	589	569	588	570	589	6853
ALL HOURS	MEAN	29,771	29,778	29,781	29,790	29,789	29,792	29,789	29,782	29,781	29,780	29,756	29,752	29,778
	S D	,052	,056	,054	,050	,051	,044	,043	,046	,048	,050	,055	,053	,052
	TOTAL OBS	4711	4292	4449	4434	4709	4318	4710	4709	4555	4703	4561	4711	54[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

40604 — STATION
KWAJALEIN MARSHALL IS/ROI/NAMUR — STATION NAME
44-64,67,69 — YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
02	MEAN	1008.0	1009.0	1009.1	1009.3	1009.4	1009.4	1009.4	1009.1	1008.9	1008.9	1008.1	1008.1	1008.9
	S. D.	1.556	1.631	1.603	1.379	1.406	1.270	1.198	1.279	1.242	1.365	1.599	1.615	1.502
	TOTAL OBS	620	576	617	619	650	599	651	651	630	650	630	651	7546
05	MEAN	1008.2	1008.2	1008.5	1008.7	1008.7	1008.9	1008.6	1008.5	1008.5	1008.4	1007.6	1007.9	1008.4
	S. D	1.520	1.614	1.641	1.466	1.494	1.103	1.240	1.310	1.296	1.415	1.591	1.603	1.525
	TOTAL OBS	620	565	618	619	649	600	651	650	629	650	630	651	7528
08	MEAN	1009.9	1009.6	1009.9	1010.1	1010.1	1010.1	1009.9	1009.7	1009.8	1009.9	1009.1	1008.8	1009.7
	S. D.	1.564	1.670	1.684	1.556	1.541	1.381	1.292	1.387	1.399	1.435	1.649	1.667	1.574
	TOTAL OBS	620	577	619	619	650	600	650	651	630	650	630	651	7543
11	MEAN	1010.0	1010.2	1010.4	1010.6	1010.6	1010.5	1010.3	1010.1	1010.2	1010.2	1009.4	1009.7	1010.1
	S D.	1.592	1.675	1.607	1.440	1.361	1.310	1.183	1.296	1.292	1.469	1.675	1.660	1.525
	TOTAL OBS	620	565	619	619	650	600	651	651	630	650	630	651	7538
14	MEAN	1008.0	1008.3	1008.4	1008.7	1008.9	1009.1	1009.0	1008.9	1008.3	1008.1	1007.3	1007.1	1008.3
	S. D.	1.559	1.693	1.623	1.456	1.344	1.273	1.200	1.342	1.248	1.426	1.640	1.629	1.466
	TOTAL OBS	620	576	617	619	650	599	651	650	630	647	631	651	7539
17	MEAN	1007.5	1007.5	1007.4	1008.0	1008.1	1008.4	1008.2	1007.9	1007.6	1007.5	1007.1	1006.9	1007.6
	S. D	1.508	1.636	1.645	1.459	1.466	1.310	1.193	1.341	1.277	1.419	1.581	1.553	1.516
	TOTAL OBS	620	565	618	614	650	600	650	650	629	650	630	650	7526
20	MEAN	1009.0	1009.0	1009.2	1009.4	1009.4	1009.4	1009.4	1009.2	1009.3	1009.4	1008.6	1008.4	1009.2
	S. D.	1.577	1.710	1.678	1.510	1.633	1.302	1.281	1.421	1.300	1.457	1.628	1.584	1.565
	TOTAL OBS	619	577	621	619	650	600	651	651	630	650	630	651	7543
23	MEAN	1009.9	1009.9	1010.2	1010.5	1010.6	1010.5	1010.4	1010.3	1010.2	1010.4	1009.6	1009.1	1010.1
	S. D.	1.539	1.665	1.611	1.410	1.517	1.278	1.229	1.293	1.248	1.391	1.592	1.581	1.521
	TOTAL OBS	620	562	619	619	649	600	651	651	630	650	630	650	7524
ALL HOURS	MEAN	1009.1	1009.0	1009.2	1009.4	1009.5	1009.4	1009.4	1009.2	1009.1	1009.1	1008.3	1008.1	1009.1
	S. D.	1.758	1.869	1.800	1.703	1.677	1.491	1.416	1.542	1.553	1.665	1.828	1.809	1.741
	TOTAL OBS	4959	4563	4948	4914	5198	4798	5206	5205	5036	5199	5041	5206	60275

1210 WS FORM JUL 64 0 89-5 (OL1)