

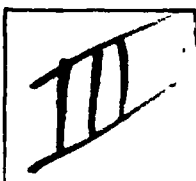


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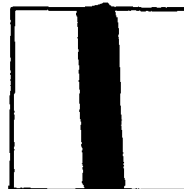
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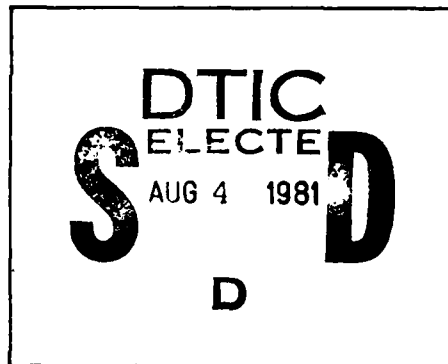
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USAFETAC/DS-81/071

AD-E850081

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USAFETAC  
Air Weather Service ( MAC )

REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

JOHNSTON ISLAND/PACIFIC IS      WBAN# 21603  
N 16 44 W 169 31 ELEV 17 FT PJON      WMO# 91275

PARTS A-F

POR FROM HOURLY OBS: APR 45-JUN 72  
POR FROM DAILY OBS: APR 45-JUN 72

JUN 07 1973

FEDERAL BUILDING  
ASHEVILLE, N. C.

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Review and Approval Statement

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

*Wayne E. McCollom*

WAYNE E. MCCOLLOM, Chief  
Technical Information Section  
USAFETAC/TST

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WALTER S. BURGMANN  
AWS Scientific and technical  
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ADE 850 081

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS-81/071	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- JOHNSTON ISLAND, PACIFIC ISLAND		5. TYPE OF REPORT & PERIOD COVERED Final rept.
7. AUTHOR		6. PERFORMING ORG. REPORT NUMBER
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		8. CONTRACT OR GRANT NUMBER (if any)
11. PERFORMING ORG. OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE 07 JUN 73
		13. NUMBER OF PAGES 410
		15. SECURITY CLASS. for this report UNCLASSIFIED
		16a. SECURITY CLASSIFICATION ON DOCUMENT SCHEDULE
17. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		
18. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
19. SUPPLEMENTARY NOTES		
20. SUBJECT TERMS (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      Psychrometric summary Surface Winds      Extreme temperature      Ceiling versus visibility Relative Humidity      *Climatological data      (over)		
21. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for JOHNSTON ISLAND, PACIFIC ISLAND 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

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

\*JOHNSTON ISLAND

\*PACIFIC ISLAND

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

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DATA PROCESSING DIVISION  
UCAFTAC 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 NAME	LATITUDE	LONGITUDE	STATION ELEVATION	CALL SIGN	WMO NUMBER
JOHNSTON ISLAND PACIFIC IS	N 16 44	W 169 31	17	FJCN	91275

**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 ELEVATION	TYPE OF BAROMETER	
1	Johnston Island NAS	NAS	Jul 45	22 Nov 46	N 16 44	W 169 32	17	20	24
2	Same	Same	23 Nov 46	30 Dec 47	Same	Same	Same	12	24
3	Same	Same	31 Dec 47	30 Mar 48	Same	Same	Same	Same	24
4	Same	Same	31 Mar 48	Jun 48	N 16 45	Same	Same	10	24
5	Johnston Island AFB	AFB	Jul 48	Jun 50	Same	Same	Same	Same	24
6	Same	Same	Jul 50	Feb 53	N 16 44	W 169 31	Same	11	24
7	Same	Same	Mar 53	Oct 56	Same	Same	Same	Same	24
8	Same	Same	Nov 56	19 Oct 58	Same	Same	Same	Same	8
9	Johnston Island	WB	20 Oct 58	10 Mar 62	Same	Same	Same	Same	Dec 61 80 obs 10 Mar 62 24
10	Johnston Island/Flt C	AF	11 Mar 62	06 Nov 62	Same	Same	Same	Same	24
11	Johnston Island	WB	07 Nov 62	Dec 62	Same	Same	Same	Same	24
12	Same	Same	Jan 63	Feb 63	Same	Same	Same	Same	8
13	Same	Same	Mar 63	Dec 64	Same	Same	Same	Same	24
14	Same	Same	Jan 65	Jun 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	Apr 45 to Jun 48	U.S. Navy weather station.	Anemometer	N/A	N/A	
2	Jul 48 to Jun 50	Located on top Weather Station, AF Station.	Selsyn	ML144B	N/A	
3	Jul 50 to Feb 53	Same	Same	Same	N/A	
4	Mar 53 to Feb 55	Located on top of MATS Terminal Bldg at SW end.	1. AN/GMQ-1	None	25 Ft	
5	Mar 55 to Feb 56	Located on top of OPS/Weather Station.	2. Selsyn	ML144B	25 Ft	
6	Mar 56 to Feb 57	Located on top of Base Operations Bldg.	Same	Same	40 Ft	

Y. MEAS. OF DATE	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	Mar 57 to 19 Oct 58	Located on top of Weather Station.	Same	Same	29 Ft	
8	20 Oct 58 to May 71	Located on the ground of field.	1. F420C 2. F102A	None None	21 Ft 22 Ft	
9	May 71 to Mar 1062	Same	1&2 Same	1&2 None	1&2 21 Ft	
10	Mar 1162 to Nov 662	Not available. USAF Test Period.	N/A	N/A	N/A	
11	Nov 762 to Jun 72	Located on the ground of field.	1. F420C 2. F102A	None None	21 Ft 21 Ft	

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AIR WEATHER SERVICE (MAC)  
ASHEVILLE, NORTH CAROLINA

## 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 column. 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 observation with reduced visibility.

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE / AOC

**WEATHER CONDITIONS**

STATION

JOHNSTON ISLAND / PACIFIC IS

65-72

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	.1	2.0				3.0		.0			.7	13140
FEB		.1	4.2				4.2		.1			.1	12150
MAR		.2	5.7				5.7	.1	.5			.5	13600
APR		.1	5.7				5.7	.1	.5			.5	13384
MAY		.0	4.1				4.1	.1	.1			.1	14371
JUN		.0	2.7				2.7	.0	1.2			1.2	13692
JUL		.0	2.9				2.9		.0			.0	14320
AUG		.0	3.4				3.4		.1			.1	14320
SEP		.1	3.4				3.4		.1			.1	13670
OCT		.0	4.3				4.3	.0				.0	14122
NOV		.0	4.3				4.3						13210
DEC		.1	5.8				5.8						13585
TOTALS		.1	4.3				4.3	.0	.2			.2	14371

1  
2  
1

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AAC

# WEATHER CONDITIONS

210100  
STATION

NEW HATON ISLAND/PACIFIC IS  
STATION NAME

46-72

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	.1	4.4				4.5						1636
	03-05	.1	5.5				5.6						1637
	06-08	.1	5.2				5.3						1641
	09-11	.1	5.5				5.6						1642
	12-14		5.1				5.1		.1			.1	1643
	15-17	.1	5.0				5.0						1645
	18-20	.1	4.8				4.9						1645
	21-23		4.1				4.1						1645
TOTALS		.1	5.0				5.0		.0			.0	13140

1  
2  
3  
4  
5

DATE REPORT MADE: 11/15/72  
USAF ETAC  
AIRLIFT: 12-15/72

### WEATHER CONDITIONS

21807  
STATION

J. ROBIN ISLAND/PACIFIC IS  
STATION NAME

46-72

YEARS

FEB  
MONTH

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	00-02		4.7				4.7		.1			.1	1512
	03-05		4.9				4.9		.1			.1	1512
	06-08	.1	4.5				4.5						1512
	09-11		3.1				3.1		.1			.1	1517
	12-14		3.6				3.6						1520
	15-17	.1	3.7				3.7		.1			.1	1517
	18-20	.1	3.9				3.9		.1			.1	1514
	21-23	.1	4.0				4.0		.1			.1	1513
TOTALS		.1	4.2				4.2		.1			.1	12150

DATA PROCESSING BRANCH  
 SAFETY  
 AIR WEATHER SERVICE/TAG

# WEATHER CONDITIONS

4100  
 STATION

WEST ISLAND/PACIFIC IS  
 STATION NAME

40-72

YEARS

79  
 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
	00-02	.2	5.5				5.5		.4			.4	1700
	03-05	.2	5.6				5.6	.1	.4			.4	1702
	06-08	.2	5.9				5.9	.1	.5			.5	1702
	09-11		5.1				5.1	.1	.6			.4	1702
	12-14	.1	5.7				5.7	.1	.4			.4	1704
	15-17	.1	5.8				5.8		.5			.5	1701
	18-20	.2	5.3				5.3	.1	.5			.6	1699
	21-23	.1	5.0				5.0		.5			.5	1699
	TOTALS	.2	5.7				5.7	.1	.5			.5	17000

AT: P...  
 USAF ETAC  
 AIR WEATHER SERVICE

**WEATHER CONDITIONS**

210.1  
 STATION

CHRISTIAN ISLAND / PACIFIC IS  
 STATION NAME

45-72

YEARS

17K  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
	00-02		6.4				6.4	.1	.5			.6	1735
	03-05		0.9				0.9	.2	.5			.7	1736
	06-08	.2	5.5				5.5	.1	.6			.7	1736
	09-11	.1	4.3				4.3	.1	.5			.6	1736
	12-14	.3	5.2				5.2	.2	.7			.9	1735
	15-17	.1	5.6				5.6	.1	.5			.6	1737
	18-20	.1	5.9				5.9	.1	.5			.6	1735
	21-23	.2	5.4				5.4		.3			.3	1734
TOTALS		.1	5.7				5.7	.1	.5			.6	13884

DATA PROCESSING MARKON  
 USAF ETAC  
 AIR WEATHER SERVICE/PAO

**WEATHER CONDITIONS**

216  
 STATION

UNION ISLAND/PACIFIC IS  
 STATION NAME

45-72

YEARS

BY  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM BUOY 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
JULY	00-02		4.8				4.8	.1				.1	1797
	03-05	.1	5.2				5.2	.1				.1	1797
	06-08	.1	3.8				3.8		.1			.1	1796
	09-11		3.3				3.3		.2			.2	1794
	12-14		4.1				4.1		.1			.1	1796
	15-17		4.3				4.3						1796
	18-20	.1	3.6				3.6		.1			.1	1797
	21-23		3.5				3.5						1796
TOTALS		.6	4.1				4.1	.1	.1			.1	14271

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

### WEATHER CONDITIONS

2160  
STATION

JOHNSON ISLAND/PACIFIC IS  
STATION NAME

45-72

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		3.9				3.9		1.4			1.4	1712
	03-05		3.3				3.3	.1	1.3			1.4	1712
	06-08		3.7				3.7		1.1			1.1	1711
	09-11		2.0				2.0		.7			.7	1710
	12-14		2.0				2.0		1.0			1.0	1711
	15-17		2.7				2.7		1.2			1.2	1712
	18-20		1.9				1.9		1.4			1.4	1712
	21-23		2.4				2.4		1.4			1.4	1711
TOTALS			2.7				2.7	.2	1.2			1.2	13692

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/AC

**WEATHER CONDITIONS**

21668 STATION JOHNSTON ISLAND/PACIFIC IS 45-71 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
JUL	00-02		2.9				2.9		.1			.1	1797
	03-05		3.1				3.1						1803
	06-08		3.4				3.4						1811
	09-11		3.1				3.1						1799
	12-14		2.5				2.5						1799
	15-17		2.4				2.4						1798
	18-20		2.5				2.5		.1			.1	1799
	21-23	.1	3.0				3.0		.1			.1	1794
TOTALS		.1	2.9				2.9		.0			.0	14330

DATA PROCESSING CENTER  
 USAF ETAC  
 AIR EATING CENTER

**WEATHER CONDITIONS**

215  
 STATION

GERARDIN ISLAND/PACIFIC IS  
 STATION NAME

65-71

YEARS

ALL  
 MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS**

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
	00-02		4.7				4.7						1815
	03-05		4.0				4.0						1815
	06-08		4.0				4.0		.1			.1	1815
	09-11		2.4				2.4		.1			.1	1815
	12-14		3.4				3.4		.1			.1	1820
	15-17		3.2				3.2		.1			.1	1820
	18-20		3.0				3.0						1819
	21-23	.1	2.5				2.5						1820
TOTALS		.1	3.4				3.4		.1			.1	14579

NAT. PROFESSIONAL GRADE  
 USAF ETAC  
 AIR EATER SERVICE/AC

# WEATHER CONDITIONS

2100  
 STATION

JOINT N ISLAND/PACIFIC IS  
 STATION NAME

48-71

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		3.6				3.6						1710
	03-05	.1	3.5				3.5						1707
	06-08	.1	3.7				3.7						1706
	09-11	.1	2.9				2.9		.1			.1	1713
	12-14		2.9				2.9		.1			.1	1709
	15-17		2.9				2.9		.1			.1	1708
	18-20	.1	2.9				2.9		.1			.1	1714
	21-23		3.4				3.4						1709
TOTALS		.1	3.4				3.4		.1			.1	13675

DATA PROCESSING SECTION  
 USAF ETAC  
 AIR WEATHER SERVICE

**WEATHER CONDITIONS**

215 STATION

UNION ISLAND, PACIFIC IS  
 STATION NAME

65-71

YEARS

JULY 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		4.5				4.5	.1				.1	1767
	03-05	.1	6.2				6.2						1767
	06-08		3.7				3.7						1762
	09-11		3.7				3.7						1760
	12-14		3.2				3.2	.1				.1	1767
	15-17		3.3				3.3						1765
	18-20	.1	4.2				4.2						1766
	21-23	.1	5.1				5.1						1755
TOTALS		.0	4.3				4.3	.0				.0	14122

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

### WEATHER CONDITIONS

IIII

STATION  
JANET N ISLAND/PACIFIC IS  
STATION NAME

45-71

YEARS

10  
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.
	00-02	.1	4.5				4.5						1651
	03-05		4.7				4.7						1651
	06-08	.1	4.7				4.7						1650
	09-11		3.9				3.9						1653
	12-14		4.1				4.1						1651
	15-17		3.9				3.9						1651
	18-20	.1	4.4				4.4						1654
	21-23		4.1				4.1						1654
	TOTALS	.2	4.3				4.3						13215

IIII

TTTT

(

IIII

2  
III

DATE PREPARED: 1965-07-01  
BY: J. P. T. / J. P. T.  
AIR FORCE REPORTING POINT: 10

## WEATHER CONDITIONS

STATION: JOHNSTON ISLAND / PACIFIC ISLANDS      65-71      YEARS      10 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (EST)	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		5.0				5.0						1699
	03-05	.2	7.4				7.4						1698
	06-08	.1	5.2				5.2						1699
	09-11	.2	5.3				5.8						1698
	12-14	.1	5.7				5.7						1698
	15-17	.1	4.9				4.9						1696
	18-20	.1	5.0				5.0						1699
	21-23	.2	5.7				5.7						1698
TOTALS		.1	5.4				5.8						13585

## 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  $\frac{5}{8}$  mile.

ATMOSPHERIC  
 STATION  
 1947

XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
**WEATHER CONDITIONS**  
 ATMOSPHERIC PHENOMENA

STATION NO. 1100 PACIFIC IS 48-7 YEARS LL  
 STATION MONTH

EXCEPT FOR 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.
	DAILY	1.2	61.0				61.0	.1	.1			.0	775
		1.0	62.1				63.1		.3			.0	760
		1.7	66.7				66.8	.6	.5			.0	771
		1.2	65.5				65.5	1.2	1.4			.3	779
		.3	65.3				65.0	.4	.4			.0	765
		.4	65.0				65.0	.1	1.6			1.2	769
		.0	71.4				70.8	.1	.3			.4	774
		.0	70.2				67.0	.1	.3			.4	775
		.0	71.1				71.2	.1	.1			.3	750
LT		.2	74.9				74.5	.7				.7	801
		1.5	75.3				73.2						751
		1.5	74.8				73.6						742
TOTALS		.9	68.5				68.9	.3	.4			.7	9243

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,  
~~and was removed from the summary.~~

DATA PROCESSING KAREN  
 USAF ETC  
 AIR BASE TEXAS

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
 RECEIPT  
 (FROM DAILY OBSERVATIONS)

STATION STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)						
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST					
	SNOWFALL	SNOW DEPTH	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504	1			2	3	4-6	7-12	13-24	25-36	37-48
JAN	1.0	1.0	5.0	11.0	5.5	5.4	2.5	1.0	1.0	.5	.2			35.2	157	2.96	7.93	.27					
FEB	1.0	1.0	6.0	14.0	4.1	7.3	2.4	1.3	1.4	.1				36.0	156	1.34	1.34	.23					
MAR	1.0	1.0	2.0	2.0	7.0	6.7	2.0	2.0	1.0	.4				41.0	155	2.02	2.18	.30					
APR	1.0	1.0	7.0	13.0	7.4	2.1	3.3	1.2	1.0	.4				41.2	154	2.40	1.29	.31					
MAY	1.0	1.0	1.0	1.0	6.0	3.4	1.0	.0	1.5	.2				47.4	153	1.96	1.01	.11					
JUN	1.0	1.0	7.0	13.0	6.7	5.7	1.7	.7	.1					47.1	152	.90	1.11	.21					
JUL	1.0	1.0	7.0	13.0	6.0	6.9	1.2	.9	.4					39.0	151	1.19	2.96	.44					
AUG	1.0	1.0	4.0	14.0	1.0	7.5	2.7	2.1	.0	.2	.1			39.2	150	2.35	1.80	.20					
SEP	1.0	1.0	7.0	13.0	7.2	7.5	3.0	1.4	1.5	.2				43.1	149	2.23	1.12	.23					
OCT	1.0	1.0	7.0	14.0	6.4	10.5	4.5	2.5	2.4	.1	.1			48.7	137	3.53	1.72	.54					
NOV	1.0	1.0	7.0	13.0	7.7	7.3	4.0	2.7	.2	.1				46.3	136	2.17	1.71	.51					
DEC	1.0	1.0	6.0	14.0	6.0	1.3	3.2	3.0	2.0	.4	.1			47.4	135	3.41	1.04	.21					
ANNUAL	31.0	27.0	7.0	13.0	6.0	7.3	2.0	1.7	1.4	.2	.0			41.3	97.9	2.64							

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

**EXTREME VALUES**

PRECIPITATION  
(FROM DAILY OBSERVATIONS)

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-72  
YEARS

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45				.81	.26	.15	.18	.34	.05	1.13	.96	.30	
46	.22	1.23	.23	1.26	1.04	.06	1.04	.58	1.93	1.93	1.38	1.29	1.93
47	.26	.14	1.37	.15	.18	.08	2.04	.15	.43	1.43	.11		
48	.10	.05	.65	.83	.33		.48	2.27	4.02	1.11	.34	.33	
49	.16	1.42	.15	.93	.95	.23	.24	.87	.40	3.18	2.33	1.49	3.18
50	.79	1.98	2.05		.66	.87	.60	.56	1.04	.20	.73	2.05	
51	4.79	.62	3.46	.22	.28	.29	.66	.26	1.50	.75	.22	.80	4.79
52	5.46	1.32	1.42	.29	.24	.29	.19	.12	1.08	.59	.13	.18	5.46
53	.20	.19	.85	.39	.20	.31	.52	.12	.11	.26	.10	.51	.85
54	9.83	.17	.23	.26	.29	.17	.79	.97	.31	.33	.40	3.12	9.83
55	1.77	.38	.80	.56	1.22	.55	.25	.48	1.05	1.90	2.84	1.48	2.84
56	3.37	1.42	1.54	1.96	.12	.20	1.23	.40	.45	.78	.33	.13	3.37
57	.06	4.72	.56	.31	.07	.05	.11	.11	.69	.62	.12	.82	4.72
58	.54	.26	.95	.16	.08	.33			.75	1.77	.93	.11	
59	2.20	.60	.25	2.84	.09	.28	.37	7.44	.60	.46	.30	2.30	7.44
60	.63	.15	1.88	.36	.25	.26	.21	.49	2.29	2.31	.23	1.71	2.31
61	.49	.35	.39	1.66	.11	.12	.16	1.27	.35	9.16	.77	.72	9.16
62	.78	1.30		2.24	.74	.62	.16	.95	.68	.21	.56	.19	
63	.08	.15	1.74	2.71	4.57	.44	.24	2.39	.41	.31	.50	.23	4.57
64	.19	.38	1.19	3.07	1.53	1.14	.31	.56	.28	.61	.54	6.84	6.84
65	.67	.35	.28	.21	1.81	.46	.10	.39	1.41	2.18	.44	.95	2.18
66	.11	2.10	.14	.13	.04	.08	.32	.75	.12	2.14	1.03	.29	2.14
67	.18	1.31	3.04	.28	.45	.80	.63	.41	2.65	2.13	1.15	1.49	3.04
68	.41	.27	3.82	.85	3.64	.62	.33	2.54	.75	.67	.30	3.06	3.82
69	.89	1.78	.51	.28	.20	.18	.12	.37	.51	.23	.18	.34	1.78
70	.13	.29	.18	.24	.23	.32	.59	.17	.29	1.73	.81	2.22	2.22
71	.41	.17	1.60	.32	.12	.60	.18	.86	2.19	.26	.54	1.38	2.19
72	1.92	1.30	.52	2.50	1.69	.21							
MEAN	1.39	.88	1.15	.96	.77	.36	.46	.99	.98	1.42	.69	1.32	4.00
S D	2.194	.926	1.032	.958	1.082	.271	.433	1.481	.933	1.733	.675	1.408	2.461
TOTAL OBS	837	763	806	810	868	810	806	806	810	837	810	806	9769

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1

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/HAC

**EXTREME VALUES**

PRECIPITATION  
(FROM DAILY OBSERVATIONS)

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72

YEARS

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

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT.	NOV	DEC.	ALL MONTHS
47												.22	PRECIP
48						.70						26	DAYS
50				2.82		20							PRECIP
54				29			.30	.57					DAYS
62			1.11				30	28					PRECIP
			29										DAYS
MEAN													
S D													
TOTAL OBS													

DATA PROCESSING CENTER  
 WASH DC  
 AIR WEATHER SERVICE/DC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
 SNOWFALL  
 (FROM DAILY OBSERVATIONS)

STATION: WASHINGTON DC STATION NAME: WASH DC YEARS: 65-72

PRECIP	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504						
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	100.0																		
FEB	100.0																		
MAR	100.0																		
APR	100.0																		
MAY	100.0																		
JUN	100.0																		
JUL	100.0																		
AUG	100.0																		
SEP	100.0																		
OCT	100.0																		
NOV	100.0																		
DEC	100.0																		
ANNUAL	100.0																		

2

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**

**SNOWFALL**  
 (FROM DAILY OBSERVATIONS)

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-72

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	IAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45				.0	.0	.0	.0	.0	.0	.0	.0	.0	
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.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
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN S D	.00 .000	.00 .000	.00 .000	.00 .000	.00 .000	.00 .000	.00 .000	.00 .000	.00 .000	.00 .000	.00 .000	.00 .000	.00 .000
TOTAL OBS	837	763	806	810	868	810	837	837	810	837	810	837	9862

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

### EXTREME VALUES

SNOWFALL  
(FROM DAILY OBSERVATIONS)

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-72

YEARS

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

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
47						20.0							SNCFALL DAYS
50				29.0									SNCFALL DAYS
62			29.0										SNCFALL DAYS
MEAN													
S D													
TOTAL OBS													

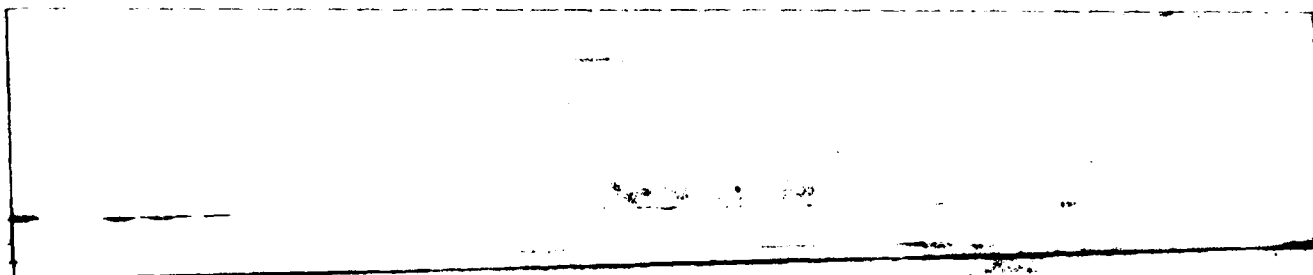
DATE PROCESSED: 10/10/72  
 STATION NO: 45-72  
 OBS. PERIOD: 1/1/72 - 12/31/72

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
 (FROM DAILY OBSERVATIONS)

STATION: 45-72 STATION NAME: YEARS:

PRECIP	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)			
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST		
SNOWFALL	NONE	TRACE	01-0.4	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																100			
FEB	100.0																	100		
MAR	100.0																	100		
APR	100.0																	100		
MAY	100.0																	100		
JUN	100.0																	100		
JUL	100.0																	100		
AUG	100.0																	100		
SEP	100.0																	100		
OCT	100.0																	100		
NOV	100.0																	100		
DEC	100.0																	100		
ANNUAL	100.0																	997		



2

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**

SNOW DEPTH  
 (FROM DAILY OBSERVATIONS)

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-72

YEARS

DAILY SNOW DEPTH IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45				0	0	0	0	0	0	0	0	0	
46	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	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
72	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	763	806	810	868	840	837	837	810	837	810	837	9892



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. Summary 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 1968, and in tens of degrees starting in 1969. 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.



# EXTREME VALUES

(FROM DAILY OBSERVATIONS)

STATION: ZEPHYRUS YEARS: 45-49, 52-57, 60

WINDS FROM ALL DIRECTIONS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
													1
						1			0	0	0	0	1
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
													0
													0
								40	0	17	14	20	1
									1	0	0	0	0
													0
													0
													0
													0
													0
													0
													0
													0
													0
													0
													0
MEAN													
S. D.													
TOTAL OBS.													

2

DATA PROCESSING BRANCH  
 FTAC/USA  
 AIR WEATHER SERVICE/PAC

**SURFACE WINDS**

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

21601 STATION JOHNSTON ISLAND/PACIFIC IS STATION NAME 45-72 YEARS ALL MONTH ALL HOURS (L.S.T.)  
 ALL WEATHER CLASS  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.2	.3	.3	.1	.0	.0	.0				1.1	11.2
NNE	.0	.2	.5	.6	.5	.2	.0	.0				2.3	13.7
NE	.1	.4	1.8	4.7	3.1	.9	.1	.0				11.7	14.9
ENE	.1	.6	4.0	15.1	11.5	2.9	.2	.0				34.4	15.6
E	.1	.8	6.1	21.5	7.9	1.2	.0	.0				37.7	14.0
ESE	.0	.4	1.7	3.8	1.1	.2	.0					7.3	12.9
SE	.0	.2	.8	.7	.1	.0	.0					2.0	10.8
SSE	.0	.2	.3	.3	.1	.0	.0	.0				.9	10.9
S	.0	.1	.2	.2	.0	.0	.0	.0	.0			.6	9.9
SSW	.0	.1	.1	.1	.0	.0	.0	.0				.4	10.9
SW	.0	.1	.1	.1	.0	.0	.0	.0				.4	10.6
WSW	.0	.1	.1	.1	.0	.0	.0	.0				.3	11.5
W	.0	.1	.1	.1	.0	.0	.0					.3	11.2
WNW	.0	.1	.1	.1	.0	.0		.0				.2	9.9
NW	.0	.1	.1	.1	.0	.0	.0	.0				.3	9.6
NNW	.0	.1	.1	.1	.0	.0	.0	.0				.3	10.1
VARBL													
CALM												.5	
	.4	3.6	10.6	48.2	24.6	5.5	.4	.0	.0			100.0	14.3

TOTAL NUMBER OF OBSERVATIONS 164342

2

DATA PROCESSING BRANCH  
 AFAC/USAF  
 AIR WEATHER SERVICE/AFAC

# SURFACE WINDS

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

STATION 21611 UNION ISLAND/PACIFIC IS STATION NAME 46-72 YEARS JAN MONTH ALL HOURS (L.S.T.)  
 CLASS ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.6	1.2	.9	.5	.2	.3	.0				3.0	12.5
NNE	.0	.4	1.0	1.8	1.5	.7	.3	.0				5.8	15.2
NE	.2	.7	2.0	4.5	3.5	1.7	.4	.1				13.0	15.5
ENE	.1	1.2	3.6	9.1	6.7	3.2	.3	.0				24.2	15.4
E	.1	1.5	5.7	11.6	5.4	.9	.0					25.2	13.4
ESE	.1	.7	2.6	4.7	1.6	.3	.0					9.9	12.7
SE	.1	.6	1.5	1.4	.2	.0	.0					3.8	10.5
SSE	.0	.3	.7	.9	.2	.0	.0					2.1	11.2
S	.1	.3	.6	.3	.0	.0						1.3	8.8
SSW	.0	.2	.3	.3	.1	.0						.9	10.7
SW	.0	.3	.5	.5	.2	.1	.0					1.5	11.3
WSW	.0	.2	.4	.5	.3	.1	.0	.0				1.5	13.4
W	.4	.2	.3	.4	.3	.2	.1					1.4	13.8
WNW	.0	.2	.3	.4	.1	.1		.0				1.1	11.4
NW	.0	.2	.5	.4	.1	.1	.0	.0				1.3	11.0
NNW	.1	.3	.6	.3	.1	.0	.0	.0				1.4	9.7
VARBL													
CALM												1.5	
	1.1	1.9	21.8	38.0	20.6	7.5	1.4	.2				100.0	13.6

TOTAL NUMBER OF OBSERVATIONS 13117

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR EATER SERVICE/AC

**SURFACE WINDS**

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

210 STATION GUANTANAMO ISLAND/PACIFIC IS YEARS 46-72 MONTH ALL  
 CLASS ALL WEATHER  
 HOURS (L.S.T.) ALL  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 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	.7	.7	.3	.0						2.1	11.0
NNE	.0	.2	.9	2.3	.8	.2	.0	.0				4.8	13.0
NE	.0	.8	2.4	5.8	3.5	.2	.0	.0				13.7	14.5
ENE	.1	.9	3.3	12.5	9.3	2.5	.4	.0				28.9	15.6
E	.1	1.2	5.1	15.5	7.8	1.1	.0					30.9	14.1
ESE	.0	.8	2.4	3.7	1.2	.1						8.3	12.1
SE	.1	.6	1.3	.9	.2	.0						3.1	9.9
SSE	.0	.4	.6	.5	.1	.0						1.5	9.4
S	.0	.3	.4	.3	.0	.0						1.0	8.7
SSW	.0	.2	.2	.2	.0							.6	8.9
SW	.0	.2	.3	.1	.0	.0						.5	9.4
WSW	.0	.2	.2	.1	.0	.0						.5	9.1
W	.0	.1	.3	.2	.0							.7	9.4
WNW	.0	.2	.1	.1	.0							.4	7.8
NW	.0	.2	.3	.2	.0							.7	8.5
NNW	.0	.3	.3	.3	.1							1.0	9.7
VARBL													
CALM												1.0	
	.6	7.4	18.8	43.3	23.4	5.0	.7	.0				100.0	13.7

TOTAL NUMBER OF OBSERVATIONS 12151

2

DATA PROCESSING BRANCH  
 AFAC/USAF  
 AIR WEATHER SERVICE/AFAC

**SURFACE WINDS**

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

21674 STATION 21674 NAME GUAM ISLAND/PACIFIC IS YEARS 46-72 MONTH ALL HOURS (L.S.T.)  
 CLASS ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR.	1 - 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	.7	.6	.2	.0						2.0	10.8
NNE	.0	.5	1.2	1.9	1.3	.7	.0					5.6	14.3
NE	.1	.7	2.6	7.7	6.7	2.0	.2	.0				19.9	15.6
ENE	.1	.6	3.7	12.6	12.3	4.9	.5	.1				34.7	16.5
E	.1	.8	4.3	12.1	6.2	1.2	.1	.0				24.8	14.2
ESE	.0	.4	1.6	3.7	1.4	.2	.0					7.5	13.3
SE	.0	.2	.7	.8	.1							1.8	10.7
SSE	.0	.1	.3	.3	.0							.8	9.8
S	.0	.1	.3	.3	.0							.7	10.2
SSW		.1	.1	.1								.3	9.9
SW		.1	.2	.1	.1							.4	10.8
WSW		.0	.2	.1	.0							.3	10.7
W		.0	.1	.1	.0							.2	11.1
WNW		.0	.0	.0								.1	8.0
NW	.0	.1	.1	.1	.0							.2	8.9
NNW		.1	.1	.1	.0							.2	10.7
VARBL													
CALM												.4	
	.4	4.1	16.2	40.5	28.4	9.1	.8	.1				100.0	14.9

TOTAL NUMBER OF OBSERVATIONS 13610

2

DATA PROCESSING BRANCH  
 AFAC/USA  
 AIR WEATHER SERVICE/PAC

**SURFACE WINDS**

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

21673 STATION JOHNSTON ISLAND/PACIFIC IS YEARS 45-77 MONTH ALL  
 CLASS ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	.4	.4	.2	.0						1.1	10.5
NNE	.0	.2	.6	.9	.4	.0						2.2	12.3
NE	.0	.4	1.6	5.7	4.9	1.4	.1	.0				14.1	15.7
ENE	.0	.5	3.2	14.3	13.0	4.3	.3					35.6	16.4
E	.1	.6	5.4	19.3	7.6	1.2	.0					34.2	14.2
ESE	.0	.2	1.4	3.4	.9	.2	.0					6.2	13.2
SE	.0	.2	.7	1.0	.2	.0						2.1	11.5
SSE	.0	.2	.4	.9	.1	.0						1.4	11.0
S	.0	.1	.3	.3	.0							.8	9.4
SSW	.0	.0	.1	.1								.2	9.8
SW	.0	.2	.1	.2	.0							.5	9.4
WSW		.1	.1	.1	.0							.3	9.7
W		.1	.2	.1	.0							.4	9.5
WNW	.0	.0	.0	.0								.1	8.0
NW		.1	.1	.0	.0							.2	8.1
NNW	.0	.1	.1	.1	.1	.0						.3	10.9
VARBL													
CALM												.4	
	.3	3.2	14.7	46.4	27.4	7.2	.4	.0				100.0	14.5

TOTAL NUMBER OF OBSERVATIONS 13884

2

DATA PROCESSING BRANCH  
 AFAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21023 STATION WINSTON ISLAND/PACIFIC IS STATION NAME 45-77 YEARS ALL MONTH ALL  
 CLASS ALL WEATHER HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 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							.2	8.2
NNE	.0	.1	.2	.3	.1	.0	.0					.7	12.0
NE	.0	.4	1.3	6.7	3.4	.6	.0	.0				12.4	14.8
ENE	.0	.4	2.9	16.1	13.5	3.4	.1					36.5	16.0
E	.1	1.1	5.8	23.5	8.6	.9	.0					40.0	13.9
ESE	.0	.4	1.6	3.5	.8	.1	.0					6.4	12.6
SE	.1	.4	.8	.6	.0							1.9	9.4
SSE	.0	.1	.3	.2	.0							.7	9.5
S	.1	.1	.1	.0								.4	6.6
SSW	.0	.0	.0									.1	5.6
SW	.0	.0	.0	.0	.0							.1	7.6
WSW	.0	.0										.0	4.8
W	.0	.0	.0									.1	4.5
WNW		.0	.0	.0								.0	7.6
NW		.0	.0									.1	6.0
NNW	.0	.0	.0									.0	3.2
VARBL													
CALM												.4	
	.4	2.3	13.3	51.0	26.5	5.1	.1	.0				100.0	14.5

TOTAL NUMBER OF OBSERVATIONS 14372

2

DATA PREPARED BY: RARON  
 STATION: USAF  
 AIR WEATHER SERVICE/AC

**SURFACE WINDS**

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

STATION: JOHNSTON ISLAND/PACIFIC IS YEARS: 45-72 MONTH: JUN  
 CLASS: ALL WEATHER HOURS (L.S.T.): ALL  
 CONDITION: \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 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	7.8
NNE			.1	.1	.0	.0						.2	13.0
NE	.0	.2	.8	2.9	1.3	.1						5.3	13.9
ENE	.0	.3	3.1	17.4	14.1	2.9	.1					37.9	15.9
E	.0	.6	6.6	29.9	9.6	1.2	.0					48.0	14.1
ESE		.3	1.4	4.3	.7	.1						6.7	12.7
SE	.0	.2	.5	.4	.1	.0						1.1	10.1
SSE	.0	.1	.1	.1	.0	.0						.7	10.3
S	.0	.1	.1									.2	5.9
SSW	.0	.0	.0									.1	5.8
SW		.0										.0	4.5
WSW		.0										.0	5.0
W		.0		.0								.0	9.5
WNW		.0										.0	5.0
NW			.0									.0	7.0
NNW													
VARBL													
CALM												.1	
	.1	1.4	12.8	55.0	25.9	4.3	.1					100.0	14.6

TOTAL NUMBER OF OBSERVATIONS 13692

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION: 21603 STATION NAME: JOHNSTON ISLAND/PACIFIC IS YEARS: 45-71 MONTH: JUL  
 CLASS: ALL WEATHER HOURS (L.S.T.): ALL  
 CONDITION: \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 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	8.4
NNE		.0	.3	.2	.0							.4	10.9
NE	.0	.1	1.3	4.2	1.6	.3						7.4	14.1
ENE	.0	.2	4.4	21.0	12.5	1.1	.0					39.1	15.0
E	.0	.6	6.7	31.1	6.3	1.2	.0					45.9	13.7
ESE	.0	.2	1.2	3.6	.9	.0						5.9	13.1
SE	.0	.0	.2	.2	.1							.6	12.0
SSE		.0	.0	.0	.0	.0	.0					.1	13.7
S		.0	.0	.0								.0	9.7
SSW													
SW													
WSW													
W	.0		.0									.0	4.7
WNW		.0										.0	5.0
NW													
NNW				.0								.0	12.0
VARBL													
CALM												.3	
	.1	1.1	14.2	60.4	21.3	2.6	.1					100.0	14.1

TOTAL NUMBER OF OBSERVATIONS 14390

2

DATA PROCESSING BRANCH  
 DTIC/USAF  
 AIR WEATHER SERVICE/PAO

**SURFACE WINDS**

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

21603 STATION 21603 JONESTON ISLAND/PACIFIC IS 45-71 MONTH ALL

STATION NAME CLASS ALL WEATHER

CONDITION

STATION 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		.0	.0	.0	.0						.1	12.3
NNE	.0	.0	.2	.2	.0							.4	11.1
NE		.2	1.9	3.3	1.7	.1	.0					7.2	13.6
ENE	.0	.2	4.6	18.6	11.8	1.8	.2	.0				37.2	15.2
E	.0	.3	7.0	30.0	7.8	.9	.0					45.9	13.9
ESE	.0	.1	1.4	4.9	1.0	.1	.0					7.4	13.3
SE	.0	.1	.3	.3	.1	.1	.0					.9	13.4
SSE	.0	.0	.0	.1	.0	.0						.1	13.1
S	.0	.0	.1	.0			.0					.2	9.7
SSW	.0	.0	.0	.0								.1	7.9
SW	.0	.0	.0									.0	4.0
WSW													
W		.0		.0								.0	7.7
WNW													
NW													
NNW				.0								.0	12.0
VARBL													
CALM												.2	
	.1	.9	15.4	57.6	22.5	3.0	.3	.0				100.0	14.3

TOTAL NUMBER OF OBSERVATIONS 14939

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 21603 STATION NAME JOHNSTON ISLAND/PACIFIC IS YEARS 49-71 MONTH JFP  
 CLASS ALL WEATHER MONTH 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	.0	.0	.0							.2	6.3
NNE	.0	.1	.3	.1	.1	.0						.6	10.2
NE		.2	2.3	3.7	1.3	.1						7.6	12.9
ENE	.1	.7	5.8	16.7	10.7	2.9	.1	.0				36.9	15.0
E	.1	1.0	10.0	26.1	6.2	.6	.0					43.9	13.0
ESE	.1	.5	2.3	3.5	.6	.1						7.0	11.7
SE	.1	.2	.7	.5	.1	.0	.0					1.5	10.3
SSE	.0	.1	.2	.1	.0							.4	8.5
S	.0	.1	.1	.1	.0							.4	8.2
SSW	.0	.2	.1	.0	.0							.4	7.2
SW	.0	.1	.1	.0	.0							.2	7.0
WSW	.0	.1	.0	.0		.0						.1	7.7
W		.0	.0	.0								.1	8.5
WNW	.0	.0	.0	.0								.0	6.4
NW	.0	.0	.0	.0								.1	8.4
NNW			.0	.0								.0	11.0
VARBL													
CALM												.4	
	.4	3.5	21.9	31.0	19.1	3.6	.1	.0				100.0	13.5

TOTAL NUMBER OF OBSERVATIONS 13676

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/PAC

**SURFACE WINDS**

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

21600 STATION 20 HUSTON ISLAND/PACIFIC IS YEARS 45-71 MONTH ALL HOURS (L.S.T.)  
 CLASS ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR.	1 - 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							.4	0.6
NNE		.2	.4	.3	.0							1.0	10.4
NE	.1	.3	1.7	4.0	2.5	.3	.0	.0				8.9	14.1
ENE	.0	.6	5.9	15.9	11.5	2.3	.0					36.4	15.0
E	.1	.8	7.0	22.7	7.8	1.6	.0					40.0	13.9
ESE	.0	.3	1.7	4.1	1.4	.3	.0					7.8	13.5
SE	.1	.3	.8	.7	.2	.1	.0					2.2	10.9
SSE	.0	.2	.3	.2	.0	.0						.8	9.6
S	.0	.1	.2	.3	.1	.1						.8	12.3
SSW	.0	.0	.1	.1	.1	.0						.4	12.3
SW	.0	.0	.1	.1	.0	.0						.2	11.5
WSW	.0	.0	.0	.1	.0							.1	9.8
W	.0	.0	.1	.0								.1	8.1
WNW	.0	.0	.0									.1	6.3
NW	.0	.0	.0	.0								.0	9.2
NNW	.0	.0	.0	.0								.1	8.6
VARBL													
CALM												.6	
	.5	3.0	18.8	48.6	23.9	4.7	.1	.0				100.0	14.0

TOTAL NUMBER OF OBSERVATIONS 14118

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/PAC

**SURFACE WINDS**

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

STATION 21600 JOHNSTON ISLAND/PACIFIC IS YEARS 45-71 MONTH JUN  
 CLASS ALL WEATHER HOURS (L.S.T.) ALL  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 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	.3	.2	.1	.0					1.3	12.6
NNE	.0	.2	.5	.8	.6	.1						2.1	13.2
NE	.1	.4	1.4	3.2	2.1	.4	.0					7.6	14.1
ENE	.1	.0	3.9	15.4	11.6	2.4	.1	.0				34.0	15.4
E	.1	.8	4.6	20.5	11.8	1.7	.0					39.6	14.9
ESE	.1	.3	1.7	3.6	1.4	.2						7.3	13.2
SE	.1	.4	1.1	1.1	.2	.0	.0					3.0	10.9
SSE	.0	.2	.3	.3	.1	.1	.0	.0				1.1	12.1
S	.0	.2	.3	.2	.1	.1	.0	.0	.0			.9	12.0
SSW	.0	.1	.2	.1	.0		.0					.4	8.3
SW	.0	.2	.3	.2		.0						.7	9.6
WSW	.0	.1	.2	.0								.3	8.1
W	.0	.0	.1	.1								.2	8.4
WNW	.0	.1	.0	.0	.0							.1	8.4
NW	.0	.1	.0	.1								.2	8.9
NNW	.0	.1	.1	.2	.2	.0						.5	13.9
VARBL													
CALM												.0	
	.0	4.0	15.1	46.0	28.2	5.1	.3	.1	.0			100.0	14.5

TOTAL NUMBER OF OBSERVATIONS 13215

2

DATA PROCESSING BRANCH  
 FTAC/USA-  
 AIR WEATHER SERVICE/AC

**SURFACE WINDS**

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

21601      JOHNSTON ISLAND/PACIFIC IS      45-71      EC

STATION      STATION NAME      YEARS      MONTH

ALL WEATHER      ALL

CLASS      HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	.5	.6	.1	.0						1.0	10.4
NNE	.0	.3	.8	1.9	1.0	.3	.1	.0				4.2	14.8
NE	.0	.5	2.1	5.0	5.3	2.6	.2	.0				15.7	16.9
ENE	.1	.7	4.0	10.8	10.8	3.2	.2	.0				29.8	15.8
E	.1	.9	5.2	13.8	9.1	2.2	.1					31.3	14.8
ESE	.0	.3	1.8	3.2	1.4	.3	.0					7.1	13.4
SE	.1	.3	.8	.9	.2	.2	.0					2.4	11.7
SSE	.0	.2	.4	.5	.3	.1	.0	.0				1.5	13.1
S	.0	.2	.4	.4	.1	.1						1.1	11.5
SSW	.0	.1	.2	.3	.1	.1	.1	.0				1.0	16.0
SW	.0	.1	.2	.3	.1	.1	.0	.0				.9	13.1
WSW	.0	.1	.1	.4	.1	.1	.0	.0				.6	13.4
W	.0	.1	.1	.2	.0	.0	.0					.4	11.1
WNW	.0	.1	.2	.1	.0	.0						.4	10.3
NW	.0	.1	.2	.1	.0	.0						.4	9.1
NNW	.0	.2	.2	.1	.0							.6	8.4
VARBL													
CALM												.7	
	.6	4.4	17.2	37.9	28.7	9.6	.8	.1				100.0	14.9

TOTAL NUMBER OF OBSERVATIONS 13583

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/14C

**SURFACE WINDS**

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

21603  
STATION

JUNISTON ISLAND/PACIFIC IS  
STATION NAME

46-72  
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	.1	.8	.9	.7	.7		.4					3.7	12.4
NNE	.1	.4	.7	1.7	1.5	.6	.2					5.1	15.6
NE	.1	.7	1.7	4.6	4.6	1.9	.3	.2				14.2	16.2
ENE	.1	1.7	3.9	9.8	6.1	3.2	.2					25.1	14.9
E	.1	1.4	5.6	11.1	5.9	.8						24.8	13.4
ESE	.1	.5	2.9	4.0	1.6	.3						9.7	12.8
SE	.1	.8	1.3	1.3	.1							3.5	9.7
SSE	.2	.5	1.3	.4	.2							2.6	13.3
S	.1	.7	.5	.2								1.4	10.9
SSW		.3	.2									.5	10.0
SW		.2	.4	.6	.1	.1	.1					1.5	12.4
WSW		.1	.2	.6	.3	.2	.1					1.4	15.9
W	.1	.2	.3	.2	.3	.2						1.2	13.1
WNW	.1	.2	.2	.4	.1	.1						1.0	10.8
NW	.1	.6	.7	.1	.1							1.5	11.4
NNW	.1	.3	.4	.1								1.0	7.8
VARBL													
CALM												1.6	
	1.2	7.7	20.5	37.6	22.2	7.7	1.3	.2				100.0	13.7

TOTAL NUMBER OF OBSERVATIONS 1635

2

DATA PROCESSING BRANCH  
 ETAC/USA  
 AIR WEATHER SERVICE/AAC

**SURFACE WINDS**

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

21603      JOHNSTON ISLAND/PACIFIC IS      46-72      JAN

STATION      STATION NAME      YEARS      MONTH

ALL WEATHER      0300-0500

CLASS      HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.3	.9	.7	.4	.3	.3					4.0	11.8
NNE	.1	.3	.9	1.7	1.0	.6	.4					4.8	15.7
NE	.1	1.2	2.0	4.7	4.1	2.1	.5					14.6	15.5
ENE	.2	1.8	4.2	9.4	6.9	2.8	.2					25.5	14.7
E	.1	1.7	5.7	12.0	4.3	.7						24.4	13.0
ESE	.1	.6	2.5	3.9	1.8	.4	.1					9.3	13.7
SE	.1	.5	1.8	1.2	.2							3.9	10.1
SSE	.1	.4	.6	1.0	.1	.1						2.1	11.2
S	.1	.1	.7	.4								1.3	9.2
SSW			.2	.4								.7	10.8
SW		.2	.7	.4	.1							1.3	10.5
WSW	.1	.1	.3	.5	.5	.1	.1	.1				2.0	15.2
W		.1	.3	.6	.2	.2						1.5	14.3
WNW		.1	.2	.3	.1							.7	10.6
NW			.6	.4	.1	.1	.1	.1				1.2	14.5
NNW		.6	.4	.3			.1	.1				1.4	10.2
VARBL													
CALM												1.2	
	.4	9.1	21.9	38.2	19.6	7.2	1.7	.2				100.0	13.9

TOTAL NUMBER OF OBSERVATIONS      1634

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/PAC

# SURFACE WINDS

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

STATION 21600 JOHNSTON ISLAND/PACIFIC IS YEARS 46-77 MONTH JAN  
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.6	1.3	.5	.4	.1	.3	.1				3.4	12.5
NNE		.3	.7	1.5	.9	.7	.4	.1				4.3	16.2
NE	.2	1.0	2.5	4.1	3.7	2.0	.4					14.3	14.9
ENE	.1	1.3	3.1	8.7	7.3	3.2	.2					23.9	15.6
E	.1	2.1	5.6	12.0	5.9	.7						26.4	13.2
ESE		.7	2.3	4.8	1.5	.5						9.6	13.2
SE	.1	.6	1.3	1.5	.2							3.7	10.8
SSE		.2	.7	.6	.3							1.9	11.2
S		.2	.3	.7								1.2	10.1
SSW			.5	.6								1.1	11.1
SW		.2	.6	.5	.3	.1						1.7	11.9
WSW	.1	.1	.2	.5	.1	.2						1.3	14.0
W	.1	.2	.3	.6	.1	.2	.1					1.5	13.5
WNW			.2	.5	.1			.1				.9	14.6
NW		.4	.4	.5	.1	.1						1.5	11.3
NNW		.4	.5	.4	.1		.1	.1				1.5	11.8
VARBL													
CALM												1.5	
	1.0	8.4	20.4	38.1	20.9	7.9	1.5	.2				100.0	13.7

TOTAL NUMBER OF OBSERVATIONS 1639

2

DATA PROCESSING BRANCH  
ETAC/USA  
AIR WEATHER SERVICE/AC

**SURFACE WINDS**

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

21500 STATION JOHNSTON ISLAND/PACIFIC IS STATION NAME 46-72 YEARS JAN MONTH 0900-1100 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	1.2	.7	.2	.4	.1					3.7	12.1
NNE	.1	.1	1.7	2.0	1.2	.8	.4					6.3	15.0
NE	.1	.4	1.6	4.5	2.9	1.8	.2	.1				11.5	15.7
ENE	.2	1.0	3.4	8.2	6.3	3.2	.4	.1				22.8	15.6
E	.1	.7	5.6	12.4	7.1	1.3						27.3	14.0
ESE		.9	2.7	4.9	1.7	.3	.1					10.6	12.9
SE	.2	.4	1.5	1.8	.2	.1						4.4	10.3
SSE		.1	.6	.4	.2	.1						1.3	11.3
S	.1	.7	.9	.5	.1							2.3	8.4
SSW	.2	.1	.3	.4	.2							1.2	10.9
SW	.1	.4	.5	.6	.1	.1						1.6	9.8
WSW		.2	.4	.4	.3	.2	.1					1.5	14.8
W		.1	.3	.2	.2	.1	.1					.9	14.5
WNW			.3	.3								.5	11.0
NW		.3	.7	.4	.1	.1						1.6	10.7
NNW	.1	.2	.7	.4	.1	.2						1.6	11.6
VARBL													
CALM												1.7	
	1.2	6.3	22.3	38.1	20.8	8.4	1.3	.2				100.0	13.7

TOTAL NUMBER OF OBSERVATIONS 1639

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/PAC

**SURFACE WINDS**

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

21601 STATION JOHNSTON ISLAND/PACIFIC IS STATION NAME 46-72 YEARS JAN MONTH 1200-1400 HOURS (L.S.T.)  
 ALL WEATHER CLASS  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	1.2	1.1	.4	.4	.1					3.7	12.4
NNE		.5	1.0	1.8	1.8	.5	.2					5.9	14.6
NE	.2	.6	1.8	3.8	3.0	1.8	.4					11.7	15.7
ENE	.1	.7	3.3	8.5	7.4	2.9	.2	.1				23.1	15.6
E	.1	1.1	5.7	11.4	5.2	1.0						24.4	13.6
ESE	.1	.9	2.9	2.7	1.7	.2	.1					11.6	12.6
SE	.1	.7	1.8	1.3	.1	.1	.1					4.1	10.3
SSE		.4	.9	1.0	.1	.1	.1					2.4	10.6
S	.2	.7	.8	.2								1.9	6.8
SSW		.2	.4	.3	.3							1.3	11.6
SW		.2	.4	.7	.1							1.4	10.7
WSW		.2	.3	.4	.2	.2						1.3	13.4
W	.1	.2	.4	.7	.5	.1	.1					2.0	13.7
WNW	.1	.4	.5	.5	.1							1.5	9.6
NW		.1	.5	.4	.1	.1						1.2	11.7
NNW		.2	.7	.3	.1							1.3	9.1
VARBL													
CALM												.7	
	.9	7.9	22.5	30.2	21.0	7.3	1.2	.1				100.0	13.5

TOTAL NUMBER OF OBSERVATIONS 1642

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

**SURFACE WINDS**

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

STATION 21603 POINT W ISLAND/PACIFIC IS 46-72 JAN  
STATION NAME YEARS MONTH  
 CLASS ALL WEATHER 1500-1700  
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	1.3	1.3	.4	.2	.2					4.1	12.4
NNE	.1	.4	1.0	2.0	1.6	.5	.4					4.1	15.3
NE	.2	.4	2.2	4.8	3.0	1.7	.3	.1				12.7	15.1
ENE	.1	.4	4.0	9.0	6.7	3.0	.2					23.8	15.3
E	.2	1.5	5.6	11.6	4.3	.9						24.1	13.1
ESE	.1	.4	2.8	4.9	1.4	.2	.1					9.9	12.7
SE	.1	.6	1.3	1.4	.3	.1						3.7	11.0
SSE	.1	.2	.8	1.0	.2							2.3	10.9
S		.7	.5	.1	.1	.1						1.3	7.7
SSW		.2	.2	.4	.2							1.0	10.8
SW		.2	.5	.5	.1		.1					1.4	11.8
WSW	.1	.3	.4	.1	.2	.1						1.3	10.7
W	.1	.1	.5	.5	.2	.3	.1					1.7	14.7
WNW		.5	.5	.6	.2	.2						2.0	11.3
NW	.1	.3	.4	.4	.1							1.3	9.5
NNW	.1	.2	1.1	.4	.1							1.9	8.8
VARBL													
CALM												1.3	
	1.5	7.3	23.2	39.0	19.1	7.3	1.3	.1				100.0	13.4

TOTAL NUMBER OF OBSERVATIONS 1640

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/PAC

**SURFACE WINDS**

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

STATION 21607 STATION NAME ROBERTS ISLAND/PACIFIC IS YEARS 46-72 MONTH JAN  
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	1.3	1.3	.5		.3	.1				4.0	13.1
NNE	.1	.8	1.3	1.7	2.2	.9	.2					7.1	14.8
NE		.4	2.0	4.6	3.2	1.1	.7	.1				12.0	15.7
ENE		1.3	4.0	10.4	6.0	3.9	.4	.1				26.0	15.6
E	.2	1.9	6.1	10.5	4.8	.7	.1					24.2	13.1
ESE	.1	.7	2.4	4.9	1.0	.1						9.3	12.1
SE	.1	.2	1.6	1.0	.3							3.2	10.8
SSE	.1	.4	.9	.8	.1							2.3	9.9
S	.1	.1	.2		.1							.5	7.4
SSW		.4	.2	.2								.9	8.1
SW		.6	.4	.4	.3		.1					1.8	10.9
WSW	.1	.4	.5	.5	.2		.1					1.7	11.1
W	.1	.3	.2	.2	.3	.1	.1					1.3	14.2
WNW		.2	.4	.4	.1	.1						1.2	11.6
NW		.1	.7	.3	.1							1.2	9.6
NNW	.1	.2	.7	.2	.1							1.3	9.1
VARBL												2.1	
CALM													
	.9	8.3	22.7	37.6	19.2	6.9	1.8	.2				100.0	13.4

TOTAL NUMBER OF OBSERVATIONS 1641

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

**SURFACE WINDS**

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

21607  
STATION

WINSTON ISLAND/PACIFIC IS  
STATION NAME

46-72  
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	.1	.4	1.5	1.0	.8		.3	.1				4.2	12.9
NNE	.1	.7	.9	2.3	1.9	.8	.2					6.9	14.6
NE	.2	.9	2.3	4.8	3.3	1.5	.2	.2				13.4	14.9
ENE		1.0	2.7	9.0	6.8	3.4	.4					23.3	16.0
E	.1	1.9	6.0	11.4	5.8	1.0	.1					26.4	13.3
ESE		.7	2.4	4.1	1.8	.1						9.1	12.5
SE		.2	1.5	1.4	.3							3.5	11.1
SSE	.1	.3	.6	.8	.2							2.1	11.0
S	.1	.2	.5	.1								.8	7.9
SSW		.1	.1	.3	.1							.5	11.1
SW	.1	.2	.2	.4	.2	.2						1.4	12.1
WSW	.1	.1	.6	.6	.1			.1				1.6	12.0
W		.5	.3	.3	.3	.1	.1					1.6	12.3
WNW		.1	.2	.3	.1	.1						1.0	12.7
NW		.1	.5	.3	.1							1.0	9.3
NNW	.4	.2	.1	.1								1.0	6.2
VARBL													
CALM												2.3	
	1.1	1.9	20.7	37.6	21.7	7.1	1.2	.3				100.0	13.5

TOTAL NUMBER OF OBSERVATIONS 1642

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/ETAC

**SURFACE WINDS**

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

21603 STATION JOHNSTON ISLAND/PACIFIC IS YEARS 46-72 MONTH FEB  
 ALL WEATHER CLASS 000C-0200 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	.7	.7	.3							2.2	11.2
NNE	.1	.2	.8	2.1	.9		.1	.1				4.3	13.7
NE		1.2	2.6	5.5	3.2	.9	.3					13.7	14.0
ENE	.1	1.2	4.1	11.6	9.2	2.2	.5					28.8	15.2
E	.1	1.2	5.7	16.9	8.6	1.1						33.6	14.1
ESE	.1	.5	2.3	3.2	1.0							7.1	12.0
SE	.1	.5	.9	.8	.3							2.6	10.7
SSE		.1	.2	.7	.1							1.1	12.1
S		.5	.4	.1								1.0	7.5
SSW			.4	.3								.7	9.8
SW		.1	.2	.1								.4	7.5
WSW		.1	.2	.1								.5	7.6
W		.2	.3	.5								1.1	9.2
WNW	.1	.1	.1									.3	5.4
NW	.1		.4									.5	7.7
NNW		.1	.1	.3	.2							.7	13.4
VARBL													
CALM												1.5	
	.0	6.8	19.5	42.7	23.8	4.1	.9	.1				100.0	13.6

TOTAL NUMBER OF OBSERVATIONS 1519

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/PAC

**SURFACE WINDS**

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

21602 STATION WHINSTON ISLAND/PACIFIC IS YEARS 46-72 MONTH FFH  
 STATION NAME CLASS ALL WEATHER HOURS (L.S.T.) 0300-0900  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.6	.9	.7	.2	.1						2.4	10.3
NNE	.1	.3	.7	2.5	.8	.2	.1					4.7	14.0
NE		1.1	2.4	4.9	3.6	.8	.3					13.1	14.3
ENE	.1	1.2	4.2	13.4	8.6	2.5	.5					30.6	15.2
E		1.7	6.3	14.4	6.9	1.4	.1					30.7	13.9
ESE		.3	2.1	3.8	1.0	.1						7.4	12.4
SE		.0	1.4	.9	.2							3.1	9.5
SSE	.1	.1	.4	.1		.1						.7	9.7
S		.1	.4	.5	.1							1.0	10.7
SSW	.1	.4	.3	.2	.1							1.0	8.0
SW		.2	.2									.4	6.8
WSW	.1	.1	.1	.1								.3	8.0
W		.1	.2	.5								.8	10.5
WNW		.2	.2	.1								.5	7.9
NW	.1	.1	.2	.3								.7	9.2
NNW		.2	.3	.4								.9	9.7
VARBL													
CALM												1.6	
	.5	7.1	20.3	42.8	21.5	5.1	1.0					100.0	13.5

TOTAL NUMBER OF OBSERVATIONS 1519

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIRCRAFT SERVICE/PAC

**SURFACE WINDS**

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

21613      JIMESTON ISLAND/PACIFIC IS      46-72      FEB

STATION      STATION NAME      YEARS      MONTH

ALL WEATHER      0600-0800

CLASS      HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	.7	.5	.2							1.8	9.7
NNE		.7	.5	2.2	.7	.1						4.1	12.9
NE	.1	.9	2.1	5.8	3.4	1.1	.3					13.6	14.7
ENE		1.1	3.9	11.8	9.1	2.5	.6	.1				29.2	15.5
E	.2	.9	3.3	16.0	6.9	1.7						31.8	14.3
ESE		.7	2.3	3.6	1.4	.2						8.2	12.4
SE	.1	.7	1.3	1.3	.1							3.3	10.1
SSE	.1	.4	1.1	.5	.1							2.0	9.0
S		.5	.5	.1	.1	.1						1.3	9.7
SSW		.4	.1	.1	.1							.7	8.7
SW		.1	.2									.3	7.6
WSW		.1	.1	.1		.1						.5	11.3
W		.1	.2	.2								.6	9.0
WNW		.1	.2	.1								.5	9.7
NW		.2	.1	.3								.6	9.8
NNW		.1	.1	.5	.1							.8	11.8
VARBL													
CALM												1.3	
	.5	7.2	18.9	43.2	22.3	5.7	.9	.1				100.0	13.7

TOTAL NUMBER OF OBSERVATIONS      1519

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/PAC

**SURFACE WINDS**

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

21623 STATION QUINCY N ISLAND/PACIFIC IS 46-72 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	.1	.3	.6	.7	.3							2.0	10.6
NNE	.1	.7	.9	1.5	.7	.1	.1					4.1	12.6
NE	.1	.5	2.2	6.7	2.8	.7	.1					13.2	14.2
ENE	.1	.5	2.6	12.2	10.2	2.0	.5					28.3	14.9
E	.3	.9	4.2	15.2	8.3	1.6	.1					30.6	14.6
ESE	.1	.9	2.9	4.5	1.6	.5						10.6	12.8
SE	.1	.6	1.9	1.1	.2							3.9	9.7
SSE	.2	.5	.8	.3	.2							2.0	8.7
S	.1	.3	.4	.4								1.2	8.9
SSW		.1	.1	.2								.4	10.7
SW		.3	.2			.1						.5	9.1
WSW		.1	.1	.1		.1						.4	13.7
W		.2	.5	.1								.8	8.8
WNW		.1		.2								.3	10.3
NW		.1	.2	.1								.3	9.2
NNW		.3	.1	.4								.7	10.1
VARBL													
CALM												.7	
	1.1	6.4	17.7	42.6	24.4	5.2	.9					100.0	13.9

TOTAL NUMBER OF OBSERVATIONS 1517

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/PAC

**SURFACE WINDS**

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

21000 STATION UNINST IN ISLAND/PACIFIC IS YEARS 46-72 FEB MONTH  
 ALL WEATHER CLASS 1200-1400 HOUR (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.8	.3	.3							1.6	10.3
NNE		.2	.9	2.3	.8	.3						4.5	13.6
NE	.1	.7	1.8	6.2	3.6	.7	.3					13.5	14.6
ENE		.7	2.4	12.6	8.4	2.3	.2	.1				26.7	15.7
E	.1	.9	3.2	16.2	7.9	.7						31.0	14.0
ESE	.1	1.1	2.4	3.4	1.5	.2						8.6	12.1
SE	.1	.9	1.7	1.1	.2	.2						4.3	10.0
SSE	.1	.5	1.1	.9	.1							2.6	9.3
S		.5	.7	.3								1.4	7.5
SSW		.4	.1	.4								.8	9.8
SW		.1	.6	.1		.2						.9	11.4
WSW		.1	.3	.1								.5	9.4
W		.1	.3									.4	8.5
WNW		.2		.1								.3	7.3
NW	.1	.2	.2	.3								.9	9.0
NNW		.5	.3	.5								1.4	8.9
VARBL													
CALM												.7	
	.9	7.3	18.9	44.8	22.7	4.5	.5	.1				100.0	13.6

TOTAL NUMBER OF OBSERVATIONS 1520

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/ETAC

**SURFACE WINDS**

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

21003 STATION GUINIST IN ISLAND/PACIFIC IS STATION NAME 46-72 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		.4	.9	.5	.4	.1						2.7	11.2
NNE		.4	1.1	3.0	.6	.1						5.2	12.8
NE		.5	2.8	5.3	4.4	1.3						14.2	14.8
ENE		.9	2.8	12.5	8.7	2.2	.5					27.5	15.6
E	.1	1.3	4.4	15.1	7.7	.5						29.1	14.0
ESE	.1	1.0	3.0	3.9	1.3							9.7	11.6
SE		.7	1.6	.7								3.0	8.8
SSE		.5	.8	.5								1.8	9.4
S		.2	.5	.3								1.0	8.9
SSW		.3	.2	.1	.1							.7	8.7
SW	.1	.3	.3	.1	.1							.9	9.3
WSW		.1	.1	.1								.2	9.7
W		.2	.4	.2								.8	8.7
WNW	.1	.3	.3	.1								1.0	7.1
NW		.3	.4	.3	.1							1.1	9.6
NNW		.7	.3	.2								1.2	7.7
VARBL													
CALM												.8	
	.3	8.1	19.7	43.1	23.4	4.1	.5					100.0	13.5

TOTAL NUMBER OF OBSERVATIONS 1519

2

DATA PROCESSING RANGE  
 FTAC/USAF  
 AIR WEATHER SERVICE/FTAC

**SURFACE WINDS**

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

STATION 21601 STATION NAME WINSTON ISLAND/PACIFIC IS YEARS 46-72 MONTH FEB  
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	.7	.1	.3	.2						2.7	11.2
NNE		.6	1.3	2.4	1.3	.2						5.7	12.9
NE		.8	2.4	5.7	3.4	1.2	.1	.1				13.6	14.6
ENE	.1	.7	3.0	14.0	9.0	3.3	.3					30.4	15.6
E	.1	1.3	5.3	14.0	7.9	.7						29.3	13.9
ESE		1.2	2.4	3.5	1.2	.1						8.4	11.9
SE	.3	.5	.5	.4	.2							1.8	8.9
SSE		.5	.4	.4								1.3	8.5
S		.2	.5	.3	.1							1.1	9.6
SSW		.3	.1	.1								.5	7.1
SW		.1	.5	.1	.1							.8	10.4
WSW		.3	.1	.1								.5	7.3
W		.3	.2		.1							.5	7.9
WNW		.3	.2									.5	6.4
NW		.4	.3	.3								1.0	8.5
NNW		.3	.3	.3	.1							1.2	10.4
VARBL													
CALM												.9	
	.3	8.4	18.1	42.5	23.6	5.7	.3	.1				100.0	13.6

TOTAL NUMBER OF OBSERVATIONS 1519

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

2100 STATION      JOHNSTON ISLAND/PACIFIC IS      46-72      YEARS      FEB      MONTH  
 ALL WEATHER      CLASS      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	.2	1.1	.3	.1						2.8	12.9
NNE		.4	1.2	2.4	.5	.2						5.1	11.6
NE	.1	1.0	2.6	6.3	3.2	1.1	.3					14.7	14.5
ENE	.2	1.0	3.2	11.4	10.9	2.6	.1					30.0	14.7
E	.2	1.2	4.9	16.0	8.2	1.3	.1					32.1	14.1
ESE		1.0	1.9	3.4	.7							7.7	11.4
SE	.1	.2	.8	1.2		.2						2.4	11.3
SSE		.2	.1	.3								.7	9.3
S	.1	.2										.1	5.0
SSW		.1	.2	.1								.4	8.7
SW		.2	.2	.2								.7	9.1
WSW		.4	.3	.1								.9	7.8
W			.1	.3	.1							.4	13.7
WNW				.2								.2	11.3
NW	.1	.7	.2	.1								1.1	6.1
NNW		.2	.7		.1							.9	8.1
VARBL													
CALM												.9	
	.7	7.8	17.1	43.6	23.8	5.4	.9					100.0	13.4

TOTAL NUMBER OF OBSERVATIONS      1519

2

DATA PROCESSING BRANCH  
 AFAC/USAF  
 AIR WEATHER SERVICE/AC

**SURFACE WINDS**

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

STATION 216 STATION NAME JOHNSTON ISLAND/PACIFIC IS YEARS 46-72 MONTH AR  
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.5	.9	.6	.3	.1						2.6	10.8
NNE		.7	1.1	1.2	.9	1.1						5.0	14.6
NE	.1	.5	2.7	7.8	6.8	2.4						20.2	15.8
ENE	.1	.4	3.8	12.9	11.3	5.3	.6	.1				34.5	16.5
E	.1	1.0	3.8	12.2	6.4	1.5		.1				25.0	14.4
ESE	.1	.6	1.3	3.2	1.8	.2						7.1	13.4
SE		.1	.6	1.0	.4							2.1	12.6
SSE		.1	.5	.3	.1							.9	10.1
S	.1		.1	.2								.4	10.7
SSW		.1		.1								.1	8.5
SW			.2	.1	.1							.3	10.8
WSW			.4	.1								.5	10.3
W			.3									.3	8.4
WNW													
NW		.1	.1									.2	6.7
NNW			.1	.2								.2	12.0
VARBL													
CALM												.6	
	.3	4.0	15.8	40.0	28.0	10.5	.6	.1				100.0	15.0

TOTAL NUMBER OF OBSERVATIONS 1701

2

DATA PROVIDED BY:  
 FTAC/USAF  
 AIR WEATHER SERVICE/AC

# SURFACE WINDS

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

STATION: GUANSTON ISLAND/PACIFIC IS YEARS: 46-72 MONTH: AR  
 CLASS: ALL WEATHER HOURS (L.S.T.): 0300-0500  
 CONDITION: \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 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	1.2	.4							2.6	11.6
NNE		.3	.9	1.4	.8	.8						4.2	14.5
NE		.7	2.4	7.0	6.7	2.3	.3					19.3	15.9
ENE	.1	.9	4.0	13.5	11.6	6.0	.7	.1				37.1	16.5
E	.2	1.0	4.6	11.9	5.8	.8	.1					24.3	13.7
ESE		.2	1.7	3.6	1.3	.2						7.1	13.3
SE		.4	.8	.6								1.8	10.0
SSE		.2	.3	.4								.9	9.6
S		.1	.2	.2	.1							.5	11.4
SSW		.1		.1								.2	11.3
SW		.1	.2	.1	.1							.5	11.6
WSW			.1	.2								.3	11.4
W			.2		.1							.2	11.3
WNW			.1									.1	6.0
NW			.1									.1	6.0
NNW			.1	.1								.2	10.0
VARBL													
CALM												.7	
	.3	4.5	16.2	40.2	26.9	10.0	1.1	.1				100.0	14.9

TOTAL NUMBER OF OBSERVATIONS 1702

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/PAC

**SURFACE WINDS**

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

STATION 21603 GUANSTON ISLAND/PACIFIC IS YEARS 46-72 MONTH JAR  
STATION NAME CLASS HOURS (L.S.T.)

ALL WEATHER  
CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N		.4	.5	.6	.1							1.5	10.1
NNE		.5	1.4	1.4	1.5	.6						5.2	14.4
NE	.1	.7	2.7	6.9	6.1	1.8	.2					16.4	15.6
ENE	.2	.8	4.2	12.6	12.4	4.6	1.1					36.0	16.5
E	.2	.8	4.9	11.8	6.8	1.0	.1					25.5	14.1
ESE	.1	.4	1.8	4.3	1.1	.4						8.1	13.1
SE	.1	.2	.4	.5	.3							1.5	12.0
SSE		.2	.4	.4								1.0	9.5
S		.1	.3	.4								.8	10.2
SSW			.1	.1								.1	12.0
SW		.1	.1	.1	.1							.4	11.7
WSW		.1	.1									.2	7.0
W			.1	.1	.1							.3	13.4
WNW		.1										.1	5.0
NW		.1	.1	.1	.1							.4	12.0
NNW					.1							.1	18.0
VARBL													
CALM												.5	
	.6	4.5	17.0	39.1	24.6	6.5	1.4					100.0	14.9

TOTAL NUMBER OF OBSERVATIONS 1702

2

DATA PROCESSING RANGE  
 STAC/USAF  
 AIR WEATHER SERVICE/AC

**SURFACE WINDS**

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

STATION 2163 MONST IN ISLAND/PACIFIC IS 46-72 YEARS MAR MONTH  
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.6	.4	.1							1.2	11.0
NNE	.2	.6	.7	1.5	1.4	.4	.1					4.9	14.1
NE	.1	.5	2.7	3.5	5.8	1.9	.2					19.6	15.3
ENE	.1	.5	3.6	10.8	12.7	4.1	.4					32.3	16.4
E		.6	4.9	12.4	8.1	1.5	.1	.1				27.6	14.6
ESE	.1	.3	1.9	4.5	1.9	.2						9.0	13.4
SE		.2	.6	.5	.1							1.4	10.8
SSE		.3	.5	.2								1.1	8.7
S		.1	.2	.5								.8	11.2
SSW		.1	.2	.2								.5	10.5
SW		.1	.2	.1	.1							.5	10.5
WSW			.1	.1								.2	10.3
W		.1		.1								.1	8.5
WNW			.2									.2	8.0
NW		.1		.1								.2	10.7
NNW													
VARBL													
CALM												.4	
	.4	3.4	16.6	40.1	30.1	8.1	.7	.1				100.0	14.9

TOTAL NUMBER OF OBSERVATIONS 1702

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21004 STATION JUNISTON ISLAND/PACIFIC IS STATION NAME 46-72 YEARS 1948-1967 MONTH 1200-1400  
 CLASS ALL WEATHER HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.8	.6	.1	.1						1.9	10.3
NNE		.6	1.2	1.5	1.2	.2						4.7	13.4
NE	.2	.9	2.1	7.6	6.3	2.1	.1					19.4	15.7
ENE		.6	3.6	12.7	12.9	3.8	.2					33.8	16.2
E		.8	5.1	13.1	5.0	1.3	.1	.1				25.5	14.2
ESE	.1	.4	1.9	4.3	1.9	.3						8.9	13.4
SE		.4	.6	1.1								2.1	10.3
SSE		.1	.4	.2								.8	9.5
S		.2	.6	.1								.8	8.6
SSW		.1	.2	.2								.4	10.4
SW		.2	.3	.3								.8	10.0
WSW			.1	.1								.1	11.5
W		.1		.2								.3	10.6
WNW		.1		.1								.1	9.0
NW		.1		.1								.2	8.0
NNW			.1	.1								.2	10.8
VARBL													
CALM												.2	
	.4	4.6	17.0	42.1	27.5	7.8	.4	.1				100.0	14.7

TOTAL NUMBER OF OBSERVATIONS 1703

2

DATA PRESSION BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/AC

**SURFACE WINDS**

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

STATION 21601 GUANTANAMO ISLAND/PACIFIC IS YEARS 46-72 MONTH ALL  
STATION NAME CLAS CONDITON MOHR (L.S.T.)  
ALL WEATHER  
1400-1700  
HOHR (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	.5	.9	.5	.2	.1						2.4	10.6
NNE		.4	1.5	2.6	1.0	.7	.1					6.3	13.9
NE	.2	1.1	2.7	6.3	7.1	1.8	.1	.1				21.4	15.2
ENE	.1	.6	3.0	12.8	11.6	4.4	.3					32.7	16.5
E		.8	4.1	12.2	5.4	1.1	.1					23.7	14.3
ESE		.4	2.1	3.7	.9	.2						7.2	12.5
SE		.2	.7	1.0								1.9	10.8
SSE		.1	.3	.2	.1							.6	10.1
S		.2	.3	.2	.1							.8	9.7
SSW		.1	.3	.2								.5	9.9
SW		.1	.1	.2	.1							.6	11.2
WSW			.2	.1								.4	10.5
W			.1	.2								.3	13.0
WNW				.1								.1	15.0
NW		.1	.1									.2	7.3
NNW		.1	.1	.2	.2							.6	12.0
VARBL													
CALM												.3	
	.4	4.2	16.5	42.6	26.7	8.3	.6	.1				100.0	14.7

TOTAL NUMBER OF OBSERVATIONS 1701

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21603 STATION JOHNSTON ISLAND/PACIFIC IS 46-72 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		.3	.8	.6	.3							2.0	11.1
NNE	.1	.5	1.4	2.9	1.9	.9	.1					7.7	14.8
NE	.1	.8	3.5	7.7	6.6	1.9	.2					20.8	15.3
ENE		.4	3.4	13.7	12.9	4.9	.4	.2				35.8	16.7
E	.2	.6	3.5	11.0	5.7	1.0	.2					22.2	14.3
ESE		.4	1.1	3.0	1.2	.2	.1					6.1	13.7
SE		.2	.8	.8								1.8	9.9
SSE		.1	.2	.2								.5	10.0
S		.2	.2	.3								.6	10.0
SSW		.2	.1	.3								.6	9.7
SW			.1		.1							.2	12.7
WSW			.1	.2	.1							.4	13.2
W			.2	.1								.3	10.6
WNW		.1										.1	4.0
NW	.1	.2	.1	.1								.5	8.4
NNW		.1	.2		.1							.4	8.6
VARBL													
CALM												.2	
	.5	3.9	15.7	40.8	28.9	8.9	.9	.2				100.0	15.1

TOTAL NUMBER OF OBSERVATIONS 1699

1 DATA PROCESSING BATCH  
 2 FTAC/USAF  
 AIR EATING SE VTCF/PAC

# SURFACE WINDS

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

21607      JOHNSTON ISLAND/PACIFIC IS      46-72      19      2100-2300

STATION      STATION NAME      YEARS      MONTH

ALL WEATHER      2100-2300

CLASS      HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.5	.5	.4	.2	.1						1.7	10.5
NNE		.4	1.2	2.6	1.6	.6						6.4	14.3
NE	.1	.5	2.2	7.5	7.9	1.8	.2					20.2	15.7
ENE	.1	.5	3.9	11.6	12.6	6.4	.6	.1				35.8	16.9
E	.2	.8	3.8	12.2	6.5	1.3	.1					25.0	14.4
ESE	.1	.2	1.3	3.2	1.4	.2						6.4	13.7
SE	.1	.2	.6	.6	.1							1.6	9.3
SSE	.1	.2	.2	.5								.7	11.6
S			.3	.2								.4	10.1
SSW		.1	.1									.2	6.5
SW			.2	.1								.2	9.0
WSW		.1	.2	.2								.4	10.1
W			.1	.1								.1	11.5
WNW													
NW		.1	.2	.1								.4	8.7
NNW		.2		.1								.2	7.3
VARBL													
CALM												.1	
	.7	3.5	16.6	39.3	30.4	10.5	.8	.1				100.0	15.2

TOTAL NUMBER OF OBSERVATIONS      1700

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/AGC

**SURFACE WINDS**

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

STATION 21003 STATION NAME GREENST IN ISLAND/PACIFIC IS YEARS 45-72 MONTH APR  
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 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	.5	.3							1.3	11.6
NNE	.1	.2	.5	1.2	.4							2.4	12.6
NE	.1	.6	1.6	4.6	4.4	1.6	.1					12.9	15.6
ENE	.1	.7	3.2	14.3	13.0	4.6	.3					36.1	16.4
E	.1	.7	6.7	19.7	7.6	1.4						36.1	14.1
ESE		.1	.9	3.4	1.0	.3	.1					5.9	14.2
SE		.1	.2	1.0	.2	.1						1.6	13.5
SSE		.2	.5	.3	.1							1.0	9.6
S	.1	.1	.2	.5								.8	10.6
SSW				.1								.1	13.0
SW		.2	.1	.1								.3	6.7
WSW		.1	.1	.1								.2	9.3
W			.2	.2								.4	10.7
WNW	.1		.1									.1	3.3
NW					.1							.1	21.0
NNW	.1	.1		.1	.1							.4	8.4
VARBL													
CALM												.2	
	.6	3.2	14.6	45.9	27.0	7.9	.5					100.0	14.9

TOTAL NUMBER OF OBSERVATIONS 1735

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21603  
STATION

JUNSTON ISLAND/PACIFIC IS  
STATION NAME

45-72  
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	.2	.1	.5	.2	.2							1.5	10.5
NNE	.2	.1	.6	.2	.7	.1						2.1	12.8
NE	.1	.5	2.0	5.5	4.4	.6	.1					13.1	15.0
ENE	.1	.6	3.5	14.5	13.0	3.9	.3					35.0	16.2
E		.7	6.0	18.9	7.5	1.0						34.2	14.1
ESE		.2	1.5	4.5	.9	.1						7.1	13.1
SE		.1	.8	1.1	.3							2.2	12.3
SSE		.1	.2	.5								.7	11.5
S	.1	.2	.3	.2								.7	8.5
SSW		.2	.2									.3	7.3
SW		.1	.3	.2								.6	9.6
WSW		.1	.2	.1								.3	9.0
W			.2	.1								.3	9.8
WNW				.1								.1	11.0
NW				.1								.1	10.0
NNW		.1	.1		.1							.3	8.0
VARBL													
CALM												.4	
	.7	2.9	16.4	46.3	27.1	3.7	.3					100.0	14.6

TOTAL NUMBER OF OBSERVATIONS 1736

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/AC

**SURFACE WINDS**

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

STATION 21613 STATION NAME JOHNSTON ISLAND/PACIFIC IS YEARS 45-72 MONTH APR  
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.4	.4	.1							1.1	9.8
NNE	.1	.3	.5	1.0	.3	.1						2.2	12.2
NE		.5	1.2	3.1	4.8	1.3						12.9	13.8
ENE	.1	.3	3.1	14.9	13.1	3.8	.5					35.7	16.4
E	.1	.6	3.2	19.5	7.1	1.2						33.6	14.1
ESE		.3	2.0	3.6	1.0	.1						7.0	12.9
SE		.2	1.2	1.3	.2	.1						2.9	11.8
SSE		.1	.3	.6	.1							1.0	11.7
S		.3	.3	.2								.8	6.6
SSW			.2	.1								.3	10.2
SW		.1	.1	.2								.3	10.2
WSW		.1	.1	.2								.4	8.9
W		.1	.2									.3	8.0
WNW		.1	.1	.1								.2	8.8
NW		.1										.1	6.0
NNW		.1	.1		.1	.1						.3	13.0
VARBL													
CALM												.7	
	.2	3.2	14.8	47.2	26.8	6.6	.5					100.0	14.7

TOTAL NUMBER OF OBSERVATIONS 1736

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/4AC

**SURFACE WINDS**

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

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72  
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	.4	.2	.2	.1	.1						1.0	9.1
NNE		.2	.3	1.2	.4							2.1	12.8
NE		.2	1.2	4.6	5.0	1.2						12.3	16.3
ENE		.1	3.1	14.8	12.0	4.3	.3					34.9	16.5
E	.2	.5	4.6	20.7	7.5	1.5						34.9	14.4
ESE		.3	1.6	4.4	1.1	.2						7.6	13.1
SE		.2	.6	1.4	.2	.2						2.6	12.3
SSE		.3	.5	.7	.2							1.8	11.3
S		.2	.1	.3								.6	8.6
SSW			.1									.1	10.0
SW		.2	.1	.3	.1							.7	11.6
WSW			.2									.2	9.0
W		.2	.1									.3	7.2
WNW			.1	.1								.1	11.5
NW		.2										.2	5.7
NNW		.1	.1	.1	.1							.3	12.2
VARBL													
CALM												.4	
	.2	3.1	12.8	48.8	26.7	7.5	.4					100.0	14.9

TOTAL NUMBER OF OBSERVATIONS 1736

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR CENTER SERVICE/AC

**SURFACE WINDS**

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

STATION 21009 STATION NAME JOHNSTON ISLAND/PACIFIC IS YEAR 45-72 MONTH APR  
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 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	.3								1.1	9.7
NNE		.2	.6	.7	.3							1.9	12.2
NE		.3	1.8	5.4	4.3	1.5	.1					13.3	15.9
ENE		.6	3.2	13.0	13.1	4.5	.2					34.6	16.4
E		.3	5.3	20.3	7.6	1.0	.1					34.8	14.2
ESE		.2	1.6	3.6	1.2	.1						6.7	13.1
SE	.1	.3	.7	1.0	.2							2.4	10.7
SSE		.3	.7	1.0	.2	.2						2.3	11.9
S		.1	.2	.2	.1							.5	11.0
SSW		.1		.1								.2	9.7
SW		.2	.1	.3								.6	10.1
WSW		.1	.2	.2								.5	11.8
W		.1	.2	.1	.1							.4	9.6
WNW		.1										.1	5.0
NW		.2	.2									.3	7.2
NNW				.1								.1	15.0
VARBL													
CALM												.3	
	.1	3.1	13.4	46.3	27.1	7.3	.3					100.0	14.8

TOTAL NUMBER OF OBSERVATIONS 1735

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21000 STATION QUINCY ISLAND/PACIFIC IS STATION NAME 45-72 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		.3	.3	.7	.2							1.5	11.9
NNE		.2	.6	1.0	.3							2.1	11.6
NE		.6	1.8	7.1	5.2	1.7	.1					16.4	15.8
ENE		.5	2.9	14.7	12.2	4.0	.2					34.5	16.2
E	.1	.7	5.0	19.2	7.5	.7	.1					33.2	14.1
ESE		.3	1.4	3.0	.3	.1						5.2	12.6
SE		.3	.8	.6	.1							1.8	10.4
SSE		.3	.5	.5	.1							1.3	9.9
S		.1	.7	.3								1.2	9.4
SSW			.1	.2								.3	10.2
SW	.1	.1	.2	.2								.5	8.7
WSW		.1	.2		.1							.9	10.5
W		.1	.2	.1	.1							.5	10.4
WNW													
NW		.2	.1		.1							.3	7.7
NNW		.1	.1	.2								.4	9.6
VARBL													
CALM												.3	
	.1	4.0	15.0	47.7	26.1	6.8	.3					100.0	14.6

TOTAL NUMBER OF OBSERVATIONS 1737

2

DATA PROCESSING PROGRAM  
 FTAC/USAF  
 AIR WEATHER SERVICE/AC

**SURFACE WINDS**

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

STATION 21603 STATION NAME JOHNSTON ISLAND/PACIFIC IS YEARS 45-72 MONTH APR  
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 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	.6	.2							1.7	10.4
NNE		.3	.9	1.0	.1	.1						2.4	11.1
NE		.3	1.6	6.9	3.6	1.8	.1					16.3	16.3
ENE		.6	3.2	14.6	13.1	4.3	.2					36.0	16.3
E		.9	5.1	18.2	7.6	1.4	.1					33.2	14.3
ESE	.1	.2	1.3	2.2	.6	.2						4.8	12.4
SE		.2	.9	.6	.1							1.8	10.3
SSE		.3	.2	.4								.9	9.3
S	.1	.1	.4	.3								1.1	9.0
SSW	.1		.1	.2								.3	9.4
SW		.2	.1	.1								.3	8.7
WSW		.1	.2									.2	6.8
W		.1	.3	.1								.4	8.3
WNW													
NW			.1	.1								.2	9.3
NNW			.1	.1	.1							.2	13.3
VARBL												.2	
CALM												.2	
	.3	3.6	14.7	45.5	27.3	7.8	.3					100.0	14.8

TOTAL NUMBER OF OBSERVATIONS 1735

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/AAC

**SURFACE WINDS**

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

21677 STATION 21677 STATION NAME CHRISTIAN ISLAND/PACIFIC IS 45-72 YEARS APR MONTH 2100-2300 HOURS (L.S.T.)  
 CLASS ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR.	1 - 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	.2							1.1	10.6
NNE		.1	.7	.6	.4	.1						2.1	12.8
NE	.1	.3	1.7	6.1	5.4	1.6	.1	.1				15.4	16.1
ENE		.4	3.2	13.7	14.5	5.1	.2					37.0	16.7
E	.1	.5	5.1	17.8	9.0	1.2						33.8	14.4
ESE	.1	.2	.9	2.4	1.2	.3						5.1	14.0
SE	.1	.2	.6	.9	.1							1.8	10.5
SSE		.1	.5	.5	.1	.1						1.2	11.5
S	.1	.1	.2	.3	.1							.7	10.4
SSW			.1	.1								.2	10.7
SW		.2	.2									.4	7.4
WSW		.1		.1								.2	9.8
W		.1	.2	.1	.1							.4	11.0
WNW	.1											.1	3.0
NW													
NNW		.1	.1	.1	.1							.3	10.5
VARBL													
CALM												.4	
	.4	2.7	13.8	43.1	31.0	8.3	.3	.1				100.0	15.2

TOTAL NUMBER OF OBSERVATIONS 1734

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 21001 STATION NAME JOHNSTON ISLAND/PACIFIC IS YEARS 45-72 MONTH AY  
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 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	5.0
NNE	.1		.3	.2	.2		.1					.5	13.3
NE	.1	.4	1.2	5.4	3.3	.5	.1					11.9	14.6
ENE		.6	3.5	15.2	13.2	4.3	.2					37.0	16.1
E	.1	1.0	6.4	22.6	9.5	1.0						40.6	14.1
ESE		.8	1.8	3.1	1.1	.1						6.6	12.3
SE	.1	.2	.6	.8	.1							1.8	10.3
SSE	.1	.4	.2	.1	.1							.8	8.5
S		.1	.1									.2	8.0
SSW		.1										.1	5.0
SW				.1								.1	12.0
WSW	.1	.1										.1	4.5
W		.1										.1	4.0
WNW													
NW													
NNW	.1											.1	3.0
VARBL													
CALM												.5	
	.4	2.8	14.0	47.9	27.4	5.8	.4					100.0	14.5

TOTAL NUMBER OF OBSERVATIONS 1797

2

DATA PROCESSING BRANCH  
 STAC/USAF  
 AIR WEATHER SERVICE/TAC

**SURFACE WINDS**

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

21603 STATION JERSEY ISLAND/PACIFIC IS YEARS 49-72 MONTH DAY  
STATION NAME CLASS HOURS (L.S.T.)

ALL WEATHER  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.1	.1	.1								.2	8.3
NNE	.1		.1	.4		.1						.8	12.5
NE	.1	.0	1.3	6.2	3.7	.2		.1				17.1	14.5
ENE	.1	.6	3.6	14.9	14.2	2.9	.1					38.3	15.8
E	.1	1.4	7.2	23.4	7.7	.9						40.8	13.6
ESE		.4	1.1	3.7	1.0	.1						6.3	12.8
SE	.1	.3	.8	.8	.1							2.0	10.2
SSE	.1	.1	.4	.2	.1							.8	10.7
S		.1	.1	.1								.2	8.0
SSW													
SW	.1	.1	.1									.2	5.7
WSW		.1										.1	5.0
W													
WNW		.1										.1	5.0
NW													
NNW													
VARBL													
CALM												.4	
	.4	3.7	14.6	49.6	26.9	4.2	.1	.1				100.0	14.2

TOTAL NUMBER OF OBSERVATIONS 1797

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21663  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-72  
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			.1	.1								.2	8.7
NNE		.1	.2	.2								.4	10.0
NE		.1	1.1	6.3	3.6	.7						11.7	15.1
ENE	.1	.4	3.5	15.5	13.5	2.6	.1					35.7	15.7
E	.2	1.6	5.5	24.4	9.0	.9	.1					41.8	14.0
ESE	.1	.6	1.6	3.2	.8	.1						6.3	12.1
SE	.1	.2	1.2	.6								2.2	9.1
SSE		.1	.2	.2								.6	8.9
S		.1	.2	.1								.4	9.4
SSW		.1	.1									.1	6.0
SW													
WSW													
W			.1									.1	8.0
WNW		.1	.1	.1								.2	8.7
NW													
NNW													
VARBL													
CALM												.8	
	.4	3.2	13.8	50.6	26.8	4.3	.2					100.0	14.2

TOTAL NUMBER OF OBSERVATIONS 1796

2

DATA PROCESSING BRANCH  
 AFAC/USAF  
 AIR WEATHER SERVICE/AWC

**SURFACE WINDS**

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

21600 STATION 2071STON ISLAND/PACIFIC IS 45-72 DAY MONTH 0900-1100  
STATION NAME YEARS HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE		.1	.2	.3	.1	.1						.7	12.9
NE		.2	1.2	5.3	2.8	.8						10.4	15.1
ENE		.6	2.3	15.8	13.7	2.9	.1					35.3	16.0
E	.1	.8	5.6	25.6	9.2	.9						42.1	14.1
ESE		.5	2.0	3.8	.7	.2						7.2	12.2
SE	.1	.2	.9	.7	.1							2.0	10.0
SSE			.2	.2								.6	10.1
S	.2	.2	.5	.1								.9	6.6
SSW	.1											.1	2.0
SW		.1	.1		.1							.2	10.0
WSW													
W													
WNW			.1									.1	7.0
NW		.1	.1									.1	6.0
NNW			.1									.1	7.0
VARBL													
CALM												.3	
	.4	2.7	13.2	51.8	26.6	4.8	.1					100.0	14.5

TOTAL NUMBER OF OBSERVATIONS 1794

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/PAC

**SURFACE WINDS**

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

STATION 2100 STATION NAME JOHNSTON ISLAND/PACIFIC IS YEARS 49-72 MONTH JAN  
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.1	.1	.1							.4	9.6
NNE		.1	.1	.2	.2							.5	13.1
NE		.3	1.3	7.1	2.9	.7						12.4	14.7
ENE		.3	2.2	16.4	12.6	2.7						34.6	16.0
E	.1	.5	5.6	25.7	7.9	.3	.1					40.1	13.9
ESE		.2	2.1	4.5	.8	.1						7.7	12.5
SE	.1	.6	1.4	.3								2.3	8.4
SSE	.1	.2	.2	.2								.8	8.0
S	.2	.4	.2									.8	5.9
SSW		.1	.1									.2	6.0
SW		.1	.1	.1								.2	9.0
WSW													
W		.1										.1	5.0
WNW													
NNW			.1	.2								.2	6.5
NNW													
VARBL													
CALM													
	.3	3.1	12.5	54.6	24.5	3.8	.1					100.0	14.3

TOTAL NUMBER OF OBSERVATIONS 1797

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR TEST CENTER SERVICE/BAC

**SURFACE WINDS**

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

STATION 21803 JOHNSTON ISLAND/PACIFIC IS YEARS 45-72 DAY   
STATION NAME CLAS NORTH  
ALL WEATHER  
CLAS 1500-1700  
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.2	.1	.1								.4	8.1
NNE		.2	.2	.3		.2						.9	11.4
NE		.4	1.4	7.6	4.1	.8						14.3	14.9
ENE	.1	.2	2.5	10.1	12.2	3.2						36.2	15.8
E	.1	.8	3.5	22.4	8.2	.5	.1					37.6	13.8
ESE		.3	2.1	3.8	.5	.1						6.7	12.1
SE		.8	.7	.4								1.9	8.4
SSE		.2	.3	.2	.1							.8	10.1
S	.1	.2										.3	4.3
SSW		.1	.1									.2	6.7
SW		.1	.2									.3	7.2
WSW													
W		.1										.1	4.5
WNW													
NW													
NNW			.1									.1	7.0
VARBL													
CALM												.1	
	.3	3.7	12.1	52.9	25.3	4.6	.1					100.0	14.3

TOTAL NUMBER OF OBSERVATIONS 1798

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21603 STATION JOHNSTON ISLAND/PACIFIC IS STATION NAME 45-72 YEARS MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER  
 CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1		.2									.3	7.4
NNE	.1	.2	.4	.4	.1							1.1	10.4
NE		.3	1.6	8.3	3.9							15.1	14.8
ENE	.1	.3	2.6	17.6	13.1	4.6						38.3	16.2
E	.1	1.6	5.3	21.8	7.6	.8						37.2	13.8
ESE	.1	.2	1.0	2.8	.8	.1	.1					5.1	13.2
SE	.1	.2	.4	.4	.1							1.2	9.1
SSE	.1	.1	.3	.3								.7	9.8
S		.1										.1	6.0
SSW													
SW													
WSW		.1										.1	5.0
W	.1	.1										.1	4.0
WNW													
NW		.1										.1	5.0
NNW	.1	.1	.1									.2	4.7
VARBL													
CALM												.4	
	.6	3.3	11.9	51.6	25.6	6.3	.1					100.0	14.6

TOTAL NUMBER OF OBSERVATIONS 1797

2

DATA PROCESSING DIVISION  
ETAC/USA  
AIR WEATHER SERVICE/AC

**SURFACE WINDS**

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

21673  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-72  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

100=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	7.3
NNE		.1	.1	.2	.2	.1						.6	14.0
NE	.1	.4	.9	7.0	3.1	.5	.1					12.1	14.7
ENE		.5	3.3	15.4	15.4	4.2	.1					38.9	16.3
E		1.5	5.5	21.8	10.0	1.6						40.3	14.2
ESE			1.1	3.2	.7	.1						5.1	13.6
SE		.1	.8	.6								1.4	10.5
SSE		.1	.2	.2								.5	9.9
S	.1	.1										.1	4.5
SSW													
SW		.1										.1	4.0
WSW		.1										.1	5.0
W	.1											.1	2.0
WNW													
NW													
NNW													
VARBL													
CALM												.4	
	.3	2.9	12.0	48.3	29.3	6.5	.2					100.0	14.9

TOTAL NUMBER OF OBSERVATIONS

1796

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR FORCE SERVICE/TAC

**SURFACE WINDS**

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

21601 STATION JUNSTN ISLAND/PACIFIC IS 45-72 YEARS JUN NORTH  
 ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE			.1	.1								.2	10.7
NE		.2	.8	2.9	1.3							4.8	13.6
ENE		.5	3.3	17.6	14.3	2.6	.1					38.3	15.7
E	.1	.8	6.4	29.8	9.9	1.0						48.5	14.2
ESE		.5	1.5	3.6	.9	.2						6.6	12.6
SE		.4	.3	.9								1.1	9.3
SSE			.1	.1								.1	10.5
S		.1										.1	5.0
SSW		.1										.1	4.0
SW													
WSW		.1										.1	5.0
W													
WNW													
NW													
NNW													
VARBL													
CALM												.2	
	.1	2.5	12.4	54.0	26.4	4.4	.1					100.0	14.5

TOTAL NUMBER OF OBSERVATIONS 1712

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/SAC

**SURFACE WINDS**

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

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-72  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE			.1	.1	.1							.2	13.0
NE		.4	.9	3.1	1.3	.1						5.7	13.6
ENE		.3	3.6	16.9	13.1	2.5						36.3	15.0
E	.2	.7	8.2	29.1	8.7	1.4						48.2	13.7
ESE		.3	1.4	4.8	.9							7.5	12.8
SE	.1	.2	.5	.6		.1						1.5	10.6
SSE		.1	.1	.1								.3	9.8
S													
SSW													
SW		.2										.2	4.7
WSW		.1										.1	5.0
W													
WNW													
NW													
NNW													
VARBL													
CALM												.1	
	.2	2.2	14.8	54.7	24.1	4.0						100.0	14.3

TOTAL NUMBER OF OBSERVATIONS

1712

2

DATA PROCESSING BRANCH  
 DTIC/USAF  
 AIR WEATHER SERVICE/INOC

**SURFACE WINDS**

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

21000 STATION     JOHNSTON ISLAND/PACIFIC IS STATION NAME     45-72 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			.1									.1	7.0
NNE			.1	.1	.2	.1						.5	16.4
NE		.2	.8	2.9	1.1	.1						5.1	13.7
ENE		.2	3.3	16.7	12.9	2.9						36.4	15.6
E		.5	8.4	26.9	10.5	1.2						47.6	14.2
ESE		.2	1.2	5.9	.9	.1						8.2	13.3
SE		.3	.3	.5	.2							1.2	10.9
SSE		.1	.1	.2	.1							.4	12.5
S	.1		.2									.2	6.8
SSW		.2										.2	6.0
SW													
WSW													
W				.1								.1	14.0
WNW													
NW													
NNW													
VARBL													
CALM												.1	
	.1	2.1	14.3	53.2	25.8	4.4						100.0	14.5

TOTAL NUMBER OF OBSERVATIONS 1711

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21677 STATION EDWINSTON ISLAND/PACIFIC IS YEARS 45-72 MONTH JUN  
STATION NAME YEARS MONTH  
 ALL WEATHER CLASS 0900-1100  
CLASS HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1										.1	5.0
NNE			.1	.1								.2	12.0
NE		.1	.7	2.0	1.3	.1						4.3	14.2
ENE	.1	.1	2.7	15.2	12.5	3.3						33.8	16.2
E		.4	6.1	30.5	12.1	1.3						50.4	14.4
ESE		.2	2.3	6.5	.6							9.8	12.3
SE		.1	.2	.3	.1							.6	11.3
SSE	.1	.1	.2	.2								.5	9.2
S		.2	.1									.3	5.8
SSW		.1										.1	6.0
SW													
WSW													
W		.1										.1	5.0
WNW													
NW													
NNW													
VARBL													
CALM													
	.1	1.4	12.5	34.7	26.7	4.7						100.0	14.7

TOTAL NUMBER OF OBSERVATIONS 1710

2

DATA PROCESSING BRANCH  
 AFAC/USA  
 AIR WEATHER SERVICE/ARC

**SURFACE WINDS**

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

STATION 210 STATION NAME JOHNSTON ISLAND/PACIFIC IS YEARS 45-72 MONTH JUN  
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE			.2	.1								.3	10.4
NE	.1	.2	.6	2.0	1.3	.1						5.1	16.0
ENE		.1	2.4	17.4	12.7	2.3	.1					35.1	16.0
E		.6	6.0	32.1	10.2	.8	.1					49.9	14.2
ESE		.1	1.6	5.3	.8	.1						7.9	12.8
SE		.2	.3	.5	.1							1.1	10.2
SSE		.1	.1		.1							.2	9.5
S		.2	.2									.3	6.4
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
	.1	1.7	11.4	58.4	25.2	3.3	.1					100.0	14.6

TOTAL NUMBER OF OBSERVATIONS 1711

AD-A102 409

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
JOHNSTON ISLAND; PACIFIC ISLAND. REVISED UNIFORM SUMMARY OF SIM--ETC  
JUN 73

UNCLASSIFIED

USAFETAC/DS-81/071

SBIE-AD-E850 0A1

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2 OF 5

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2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21693  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-72  
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			.1	.1								.1	11.5
NNE			.2	.2								.4	12.0
NE	.1	.2	.8	3.3	1.5	.1						6.0	14.0
ENE	.1	.2	2.9	18.1	14.3	2.8	.2					38.6	16.0
E		.6	6.8	31.2	7.7	.7						47.1	13.7
ESE		.3	1.5	3.6	.5	.2						6.0	12.7
SE	.1	.2	.7	.2								1.2	9.0
SSE		.1	.1	.1								.2	8.3
S		.2	.1									.4	5.5
SSW			.1									.1	7.5
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
	.2	1.9	13.2	56.8	23.9	3.7	.2					100.0	14.4

TOTAL NUMBER OF OBSERVATIONS 1712

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/PAC

**SURFACE WINDS**

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

21603 STATION JOHNSTON ISLAND/PACIFIC IS STATION NAME 45-72 YEARS MONTH JUNE  
 CLASS ALL WEATHER 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	7.0
NNE				.1								.1	12.0
NE	.1	.1	.9	3.7	1.5	.1						6.4	13.8
ENE		.4	3.5	17.9	10.5	3.7	.1					42.1	16.0
E		.8	5.5	29.1	8.9	1.1						45.4	14.1
ESE		.2	.8	2.2	.9	.1						4.3	13.2
SE	.1	.1	.6	.2	.1							1.1	9.3
SSE		.1				.1						.1	14.5
S		.2	.1									.2	5.3
SSW													
SW		.1										.1	4.0
WSW													
W													
WNW													
NW			.1									.1	7.0
NNW													
VARBL													
CALM												.2	
	.2	1.9	11.6	22.2	27.8	5.0	.1					100.0	14.7

TOTAL NUMBER OF OBSERVATIONS 1713

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 21603 STATION NAME JOHNSTON ISLAND/PACIFIC IS YEARS 45-72 MONTH JUN  
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 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	5.0
NNE				.1								.1	12.0
NE		.1	.8	2.5	1.5	.1						5.1	14.3
ENE		.5	3.2	19.2	16.2	3.2	.1					42.3	16.0
E		.6	5.3	30.8	8.9	1.5						47.0	14.3
ESE		.2	1.1	2.1	.4							3.7	11.9
SE		.1	.6	.3	.2							1.2	10.6
SSE													
S		.1										.1	5.0
SSW	.1											.1	3.0
SW													
WSW													
W													
WNW		.1										.1	5.0
NW													
NNW													
VARBL													
CALM												.3	
	.1	1.7	11.0	55.0	27.1	4.8	.1					100.0	14.8

TOTAL NUMBER OF OBSERVATIONS 1711

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-71  
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		.1		.1								.1	8.0
NNE			.1	.6	.1							.6	13.3
NE		.1	.9	3.6	1.4	.1						6.1	14.1
ENE		.2	4.8	19.8	11.3	.9						37.1	14.8
E		.4	7.1	31.6	6.6	1.7	.1					47.6	13.8
ESE		.2	1.1	4.5	1.2	.1						7.1	13.3
SE			.4	.4	.1							.8	11.9
SSE				.1								.1	15.0
S				.1								.1	12.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW				.1								.1	12.0
VARBL												.5	
CALM													
		1.0	14.6	60.6	20.6	2.8	.1					100.0	14.1

TOTAL NUMBER OF OBSERVATIONS 1798

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-71  
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													
NNE			.2	.2								.4	11.3
NE	.1	.1	1.1	4.2	1.8	.1						7.2	14.4
ENE		.2	5.7	20.2	12.2	.9						39.2	14.6
E		.6	8.4	29.0	5.5	1.5	.1					45.0	13.3
ESE		.2	2.1	3.0	1.4	.1						6.8	13.0
SE		.1	.2	.4	.1							.7	12.3
SSE		.1										.1	5.5
S													
SSW													
SW													
WSW													
W	.1											.1	2.0
WNW													
NW													
NNW													
VARBL													
CALM												.9	
	.1	1.2	17.5	57.0	21.1	2.6	.1					100.0	13.8

TOTAL NUMBER OF OBSERVATIONS 1803

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21903  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-71  
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													
NNE				.2	.1							.2	14.5
NE			1.2	4.1	2.1	.1						7.5	14.2
ENE		.1	4.3	22.2	11.6	1.0						39.2	15.0
E	.1	.9	6.8	29.9	6.3	1.2						45.3	13.6
ESE		.2	1.3	3.9	1.2							6.6	13.3
SE			.3	.2	.1							.6	10.8
SSE		.1	.1		.1							.2	15.8
S		.1		.1			.1					.1	10.5
SSW													
SW													
WSW													
W	.1											.1	2.0
WNW													
NW													
NNW													
VARBL													
CALM												.3	
	.1	1.2	13.9	60.6	21.3	2.3	.1					100.0	14.1

TOTAL NUMBER OF OBSERVATIONS 1800

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/PAC

**SURFACE WINDS**

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

STATION: 21603 STATION NAME: JOHNSTON ISLAND/PACIFIC IS YEARS: 45-71 MONTH: JUL  
 CLASS: ALL WEATHER HOURS (L.S.T.): 0900-1100  
 CONDITION: \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N			.1									.1	8.0
NNE		.1	.5	.1	.1							.8	9.8
NE		.1	1.5	3.6	1.8	.2						7.2	14.1
ENE	.1	.2	3.4	20.0	11.6	1.2						36.5	15.2
E		.3	6.6	32.6	6.9	1.3						47.7	13.9
ESE	.1	.1	1.5	4.0	.8							6.4	12.9
SE		.1	.1	.4								.5	11.3
SSE				.1	.1	.1						.2	19.0
S													
SSW													
SW													
WSW													
W			.1									.1	10.0
WNW													
NW													
NNW													
VARBL													
CALM												.4	
	.1	.9	13.7	60.8	21.2	2.7						100.0	14.3

TOTAL NUMBER OF OBSERVATIONS 1799

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-71  
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													
NNE		.2	.4	.3								.1	9.3
NE		.1	1.2	3.8	1.6	.6						7.3	14.6
ENE		.2	3.9	19.8	13.1	.8						38.0	15.1
E		.7	6.1	32.4	6.7	1.0						46.9	13.7
ESE	.1	.3	1.2	3.4	.7							5.7	12.4
SE	.1		.2	.4	.1							.9	11.9
SSE			.1	.1	.1							.2	14.3
S													
SSW													
SW													
WSW													
W													
WNW		.1										.1	5.0
NW													
NNW													
VARBL													
CALM												.2	
	.1	1.6	13.3	60.2	22.2	2.4						100.0	14.2

TOTAL NUMBER OF OBSERVATIONS 1799

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR EAT-EP SERVICE/MAC

**SURFACE WINDS**

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

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-71  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1										.1	5.0
NNE		.1	.4	.3								.8	9.9
NE		.1	1.3	5.1	1.5	.4						8.3	14.1
ENE		.2	4.0	22.1	12.6	.8						39.7	15.0
E		.7	6.1	31.3	6.3	.7	.1					45.1	13.6
ESE		.2	.9	3.4	.6							5.1	12.8
SE		.1	.3	.2	.2							.7	11.9
SSE			.1									.1	10.0
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.2	
		1.3	13.0	62.3	21.1	1.9	.1					100.0	14.1

TOTAL NUMBER OF OBSERVATIONS 1798

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21603 STATION JOHNSTON ISLAND/PACIFIC IS 45-71 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				.1								.1	13.0
NNE			.3	.2								.4	10.6
NE		.1	1.8	4.8	1.3	.4						8.4	13.7
ENE	.1	.1	4.2	21.6	14.4	1.2	.1					41.6	15.2
E	.2	.4	6.1	31.4	5.8	.7						44.6	13.5
ESE		.1	.6	3.0	.4	.1						4.3	13.5
SE				.1	.1							.2	14.5
SSE		.1	.1									.1	8.0
S			.2									.2	8.3
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.1	
	.2	.7	12.3	61.1	22.1	2.4	.1					100.0	14.2

TOTAL NUMBER OF OBSERVATIONS 1799

2

DATA PROCESSING BRANCH  
 FTAF/USAF  
 AIR WEATHER SERVICE/AC

## SURFACE WINDS

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

21003  
STATIONJOHNSTON ISLAND/PACIFIC IS  
STATION NAME45-71  
YEARSJUL  
MONTHALL WEATHER  
CLASS2100-2300  
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													
NNE			.2	.1	.1							.4	13.0
NE		.1	1.6	4.5	1.1	.2						7.4	13.7
ENE		.1	4.9	21.9	13.0	1.5	.1					41.5	15.2
E	.1	.4	6.5	30.5	6.0	1.6						45.0	13.8
ESE			1.0	3.2	.7	.1						5.0	13.4
SE				.3	.1							.3	13.3
SSE				.1								.1	13.0
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.7	
	.1	.6	14.2	60.6	21.0	3.3	.1					100.0	14.3

TOTAL NUMBER OF OBSERVATIONS

1794

2

DATA PROCESSING BRANCH  
 FTAC/USA  
 AIR WEATHER SERVICE/FAO

**SURFACE WINDS**

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

21603 STATION JOHNSON ISLAND/PACIFIC IS STATION NAME 45-71 YEARS AUG MONTH 0000-0700 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.1	.1								.1	12.5
NNE		.1	.1									.1	6.5
NE		.2	2.0	2.9	1.0	.1						6.7	12.7
ENE	.1	.2	5.7	18.5	11.1	1.0	.2					36.7	14.9
E		.3	7.7	28.7	8.4	1.3						46.3	13.9
ESE		.1	1.9	5.6	1.4	.1						9.1	13.2
SE		.1	.3	.3	.3	.1						1.0	14.4
SSE				.1								.1	14.0
S													
SSW	.1											.1	2.0
SW													
WSW													
W		.1										.1	4.0
WNW													
NW													
NNW													
VARBL													
CALM												.3	
	.1	.9	17.6	56.0	22.2	2.5	.2					100.0	14.1

TOTAL NUMBER OF OBSERVATIONS 1815

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION JOHNSTON ISLAND/PACIFIC IS YEARS 45-71 MONTH 06  
STATION NAME CLASS CONDITION  
ALL WEATHER 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					.1							.1	18.0
NNE		.1	.1	.2	.1							.3	11.7
NE		.1	2.7	3.1	1.3	.1						7.2	12.8
ENE		.3	6.0	17.6	10.0	1.8	.2					35.8	14.8
E	.1	.4	7.9	30.2	6.9	.9	.1					46.5	13.6
ESE	.1	.1	1.7	5.7	1.0	.1	.1					8.7	13.0
SE	.1	.1	.3	.2	.1							.7	10.2
SSE					.1							.1	19.0
S		.1	.1				.1					.2	14.3
SSW			.1									.1	8.0
SW	.1											.1	1.0
WSW													
W				.1								.1	14.0
WNW													
NW													
NNW													
VARBL													
CALM												.4	
	.2	1.0	18.7	57.1	19.4	2.8	.4					100.0	13.8

TOTAL NUMBER OF OBSERVATIONS 1815

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/PAC

# SURFACE WINDS

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

21003 STATION      JOHNSTON ISLAND/PACIFIC IS      45-71      YEARS      AUG      MONTH  
 ALL WEATHER      CLASS      0600-0800      HOURS (L.S.T.)  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N				.1		.1						.1	17.0
NNE		.1	.2	.3	.1							.7	12.3
NE		.2	1.9	3.3	1.8	.1						7.3	13.4
ENE		.3	4.8	18.3	12.2	1.7	.2					37.5	15.0
E		.2	7.4	29.3	8.0	.6						45.6	13.8
ESE		.2	1.8	4.4	1.2	.1	.1					7.8	13.2
SE		.1	.1	.2	.1	.1						.5	12.2
SSE			.1	.1								.1	11.0
S		.1	.1									.1	7.0
SSW			.1									.1	10.0
SW	.1											.1	2.5
WSW													
W													
WNW													
NW													
NNW				.1								.1	12.0
VARBL													
CALM												.1	
	.1	1.2	16.4	55.9	23.5	2.5	.3					100.0	14.1

TOTAL NUMBER OF OBSERVATIONS      1815

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

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

**SURFACE WINDS**

STATION 21003 STATION NAME WINSTON ISLAND/PACIFIC IS YEARS 49-71 MONTH AUG  
 CLASS ALL WEATHER MONTH 0900-1100  
 CONDITION \_\_\_\_\_  
 HOURS (L.S.T.) \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.2									.2	9.7
NNE			.2	.3								.4	12.1
NE		.2	1.0	3.6	1.5	.3						6.6	14.0
ENE	.1	.2	3.7	17.0	12.2	2.6	.1					35.9	15.6
E		.3	6.3	30.6	8.6	.9	.1					46.9	14.1
ESE		.1	1.4	5.7	1.2	.1						8.5	13.3
SE		.1	.3	.3	.1	.1						.9	12.8
SSE		.1				.1						.1	14.5
S		.1	.1	.2								.3	10.8
SSW	.1											.1	2.0
SW		.1										.1	4.0
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
	.1	1.1	13.3	57.6	23.6	4.1	.2					100.0	14.5

TOTAL NUMBER OF OBSERVATIONS 1815

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/PAC

**SURFACE WINDS**

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

STATION 21603 STATION NAME JOHNSTON ISLAND/PACIFIC IS YEARS 45-71 MONTH AUG  
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 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	8.3
NNE	.1	.1	.2	.2								.7	9.9
NE		.2	1.7	3.1	1.5	.2	.1					6.8	13.8
ENE		.1	3.6	17.7	12.7	2.0	.1					36.3	15.7
E		.4	6.9	30.7	8.0	.8	.1					46.9	13.9
ESE		.1	1.3	5.1	1.2	.1						7.6	13.6
SE		.1	.2	.7	.1							1.0	13.1
SSE			.1	.1								.1	12.3
S		.1	.2	.1								.4	9.3
SSW				.1								.1	12.0
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.1	
	.1	.9	14.3	57.7	23.5	3.1	.2					100.0	14.4

TOTAL NUMBER OF OBSERVATIONS 1820

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21603 STATION JOHNSTON ISLAND/PACIFIC IS YEARS 45-71 MONTH AUG  
 CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 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	9.7
NNE			.3	.2								.5	11.2
NE		.2	1.9	3.8	2.3	.1	.1					8.5	14.0
ENE		.4	3.5	19.7	11.2	1.5	.2					36.6	15.3
E		.2	6.8	29.9	7.9	.8						45.7	13.8
ESE		.2	.9	4.7	.9	.1						6.4	13.3
SE		.1	.3	.4	.2	.1						1.0	13.7
SSE			.1	.2								.3	10.8
S		.1		.1								.1	5.0
SSW			.1	.1								.1	11.0
SW			.1									.1	7.0
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.3	
	.1	1.2	14.0	59.1	22.5	2.6	.3					100.0	14.2

TOTAL NUMBER OF OBSERVATIONS 1820

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-71  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N					.1							.1	20.0
NNE			.2	.1								.3	9.8
NE		.2	2.3	3.5	2.3	.3						8.5	13.9
ENE		.1	4.4	20.3	13.4	1.9	.3	.1				40.4	15.4
E		.1	6.8	28.6	7.6	.5						43.6	13.8
ESE		.1	1.0	3.9	.4	.1						5.5	13.1
SE		.1	.4	.2	.1	.2						1.1	13.4
SSE		.1		.1	.1							.2	13.7
S				.1								.1	12.0
SSW			.1									.1	7.0
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.3	
		.5	15.2	56.8	23.8	3.0	.3	.1				100.0	14.4

TOTAL NUMBER OF OBSERVATIONS 1819

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-71  
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				.1	.1							.1	14.5
NNE			.1	.2								.3	11.5
NE		.1	1.3	3.5	1.9		.1					6.8	14.1
ENE		.1	4.8	19.9	11.3	2.1	.2					38.5	15.3
E		.4	5.9	31.8	6.9	1.0	.1					46.1	13.9
ESE		.1	1.0	4.5	1.0	.2						6.6	13.7
SE			.2	.3	.1	.2						1.0	15.6
SSE			.1	.1	.1	.1						.2	14.5
S	.1											.1	3.0
SSW													
SW													
WSW													
W		.1										.1	5.0
WNW													
NW													
NNW													
VARBL													
CALM												.3	
	.1	.7	13.4	60.3	21.3	3.7	.3					100.0	14.4

TOTAL NUMBER OF OBSERVATIONS 1820

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 21503 STATION NAME JOHNSTON ISLAND/PACIFIC IS YEARS 45-71 MONTH SEP  
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 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									.4	6.5
NNE	.1	.1		.1	.1							.4	8.2
NE		.2	1.9	3.5	1.2	.1						6.8	13.0
ENE	.1	.5	6.0	16.8	9.8	2.2	.1					35.4	14.8
E	.1	1.1	12.2	25.8	5.8	.8	.1					45.9	12.8
ESE		.4	2.0	3.7	1.1							7.2	12.2
SE		.2	.8	.6	.2	.1						1.9	11.8
SSE		.2	.2									.4	7.7
S	.1	.1	.1									.2	6.5
SSW		.4	.1	.1								.6	7.1
SW		.1			.1							.2	9.3
WSW													
W				.1								.1	13.0
WNW													
NW													
NNW													
VARBL													
CALM												.6	
	.4	3.5	22.5	50.7	18.1	3.2	.2					100.0	13.3

TOTAL NUMBER OF OBSERVATIONS 1710

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21603  
STATION

WHINSTON ISLAND/PACIFIC IS  
STATION NAME

45-71  
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													
NNE		.2	.1	.2								.5	8.9
NE		.3	2.6	3.2	1.1	.1						7.3	12.4
ENE	.2	1.0	6.7	16.3	9.8	2.7	.1					36.8	14.5
E	.1	1.5	11.7	24.7	6.3	.6						44.9	12.8
ESE		.8	2.1	3.7	.6							7.1	11.8
SE		.2	.8	.3	.1							1.3	9.8
SSE		.1	.1	.1								.3	7.8
S	.1		.1	.1								.2	8.3
SSW		.2	.1	.1								.4	7.3
SW		.1	.1									.2	6.3
WSW	.1	.1				.1						.2	8.8
W				.1								.1	13.0
WNW	.1	.1										.1	3.0
NW	.1		.1									.1	3.0
NNW													
VARBL													
CALM												.5	
	.6	4.5	24.4	48.7	17.9	3.5	.1					100.0	13.1

TOTAL NUMBER OF OBSERVATIONS 1707

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

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

**SURFACE WINDS**

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-71  
YEARS

SFP  
MORNING

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	4.0
NNE		.1	.5		.1							.8	9.5
NE		.2	2.8	3.0	1.8	.1						7.8	12.9
ENE	.1	.8	5.7	16.9	11.3	2.8	.1	.1				37.8	15.0
E	.1	.8	10.9	25.4	6.2	.6	.1					44.0	13.0
ESE		.4	2.0	3.4	.5	.1						6.3	11.8
SE	.2	.1	.7	.5		.1						1.5	9.6
SSE	.1	.1	.2		.1							.4	7.4
S		.2		.1								.3	5.8
SSW		.2	.2		.1							.5	8.8
SW		.1										.1	4.0
WSW			.1									.1	6.5
W		.1										.1	4.0
WNW		.1										.1	6.0
NW													
NNW													
VARBL													
CALM												.2	
	.5	3.0	23.2	49.2	20.0	3.6	.2	.1				100.0	13.5

TOTAL NUMBER OF OBSERVATIONS

1708

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/PAC

**SURFACE WINDS**

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

21603 STATION      JOHNSTON ISLAND/PACIFIC IS STATION NAME      45-71 YEARS      SEP MONTH      0900-1100 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2		.1	.1							.4	9.5
NNE		.1	.5		.2							.7	10.1
NE		.2	1.8	3.2	1.5	.1						6.8	13.3
ENE		.3	4.6	17.3	11.6	2.9	.1					36.7	15.5
E	.1	.5	9.1	27.3	6.4	.6	.1					44.0	15.4
ESE	.1	.4	2.9	3.4	.8							7.5	11.5
SE	.2	.1	.8	.6	.2	.1						1.9	10.8
SSE	.2	.1	.1	.1	.1							.6	9.1
S	.1	.2	.3		.1							.6	7.5
SSW		.1	.1	.1								.3	8.2
SW	.1	.1	.1	.1								.4	6.3
WSW													
W													
WNW				.1								.1	11.0
NW													
NNW													
VARBL													
CALM												.1	
	.6	2.2	20.2	52.2	20.9	3.6	.1					100.0	13.8

TOTAL NUMBER OF OBSERVATIONS 1710

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21603 STATION      JOHNSTON ISLAND/PACIFIC IS STATION NAME      45-71 YEARS      SFP MONTH      1200-1400 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1											.1	2.0
NNE			.3	.4	.1	.1						.7	13.5
NE		.2	2.3	4.5	1.1	.1						4.2	12.9
ENE		.5	5.3	16.4	10.1	3.1	.2					35.6	15.3
E	.1	.6	7.7	28.9	5.7	.2	.1					43.3	13.3
ESE		.7	2.3	4.2	.9	.1						7.7	11.6
SE	.1	.4	.8	.6			.1					1.9	9.9
SSE		.1	.1	.2								.4	10.3
S		.1	.4	.1	.1							.6	10.0
SSW		.2	.1									.3	6.4
SW		.2	.1									.4	6.5
WSW		.2		.1								.3	6.2
W		.1	.1	.1								.2	10.0
WNW													
NW	.1		.1	.1								.2	9.0
NNW			.1									.1	10.0
VARBL													
CALM												.1	
	.4	3.3	19.4	55.4	17.4	3.6	.4					100.0	13.7

TOTAL NUMBER OF OBSERVATIONS 1709

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/AC

**SURFACE WINDS**

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

STATION 21001 JOHNSTON ISLAND/PACIFIC IS 45-71 YEAR 58  
STATION NAME CLASS MONTH  
ALL WEATHER 1500-1700  
CLASS HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.1									.7	6.0
NNE		.1	.4	.1								.5	9.3
NE		.3	3.1	4.1	1.6							9.1	12.7
ENE		.6	5.3	17.4	10.4	2.9						36.7	14.1
E	.1	.9	9.5	26.0	5.4	.6						42.4	13.0
ESE	.2	.5	2.8	3.1	.4	.2						7.1	11.1
SE		.2	.4	.3								.9	9.2
SSE		.2	.4	.2								.8	8.8
S		.1	.1	.3								.5	10.0
SSW		.2	.1	.1								.3	7.6
SW		.1	.1									.2	8.3
WSW			.1									.1	9.5
W		.1	.1									.1	7.0
WNW													
NW				.1								.1	14.0
NNW				.1								.1	12.0
VARBL													
CALM												.6	
	.3	3.5	22.8	51.7	17.8	3.7						100.0	13.4

TOTAL NUMBER OF OBSERVATIONS 1700

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21604  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-71  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.1									.2	4.7
NNE		.1	.2	.1	.1							.4	9.6
NE		.2	2.3	4.0	1.3	.1						8.7	13.0
ENE	.1	.7	6.2	17.0	11.3	3.4						38.4	15.0
E		1.6	8.9	24.9	6.6	.5						42.5	13.1
ESE	.1	.2	2.0	3.0	.5							6.0	11.7
SE	.1	.2	.5	.5		.1						1.3	10.1
SSE		.2	.1	.2	.1							.5	9.0
S	.1	.1	.1	.1								.3	8.2
SSW			.4									.4	7.8
SW		.2	.1									.2	6.3
WSW		.1	.1									.2	6.7
W		.1										.1	6.0
WNW			.1									.1	9.0
NW		.1										.1	6.0
NNW													
VARBL													
CALM												.5	
	.4	3.9	20.8	50.6	19.8	4.0						100.0	13.5

TOTAL NUMBER OF OBSERVATIONS 1714

2

DATA PROCESSING CENTER  
 FTAC/USAF  
 AIR WEATHER SERVICE/AFAC

**SURFACE WINDS**

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

STATION 21600 STATION NAME JOHNSTON ISLAND/PACIFIC IS YEARS 45-71 MONTH JFP  
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.1									.2	5.7
NNE		.1	.4	.1	.1							.6	9.8
NE		.3	1.6	3.3	1.2							6.4	13.2
ENE	.1	1.0	6.3	15.6	11.6	3.1						37.7	15.1
E	.2	.7	9.6	25.8	7.5	.6						44.4	13.2
ESE	.1	.5	2.6	3.5	.5	.2						7.3	11.6
SE		.2	.6	.6								1.4	10.4
SSE		.2										.2	5.0
S		.2	.1		.1							.4	6.8
SSW	.1	.4	.1									.6	5.2
SW		.1		.1								.1	9.0
WSW		.1		.1								.1	8.0
W		.1										.1	6.0
WNW													
NW			.1									.1	10.0
NNW				.1								.1	11.0
VARBL													
CALM												.4	
	.5	4.0	21.4	49.1	20.9	3.9						100.0	13.6

TOTAL NUMBER OF OBSERVATIONS 1710

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/AC

## SURFACE WINDS

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

21673 STATION JOHNSTON ISLAND/PACIFIC IS 45-71 CT  
 MONTH 0000-0200  
 HOURS (L.S.T.)  
 CLASS ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR.	1 - 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	8.9
NNE			.2	.3	.1							.6	11.5
NE		.9	1.8	3.4	1.8	.2						7.6	13.3
ENE		.8	6.3	14.8	11.2	2.3	.1					35.4	14.8
E		1.0	7.9	22.7	8.8	1.9						42.3	14.0
ESE	.1	.1	1.8	4.4	1.5	.5	.1					8.3	13.9
SE		.1	.7	1.0	.3							2.1	11.9
SSE	.1	.5	.3	.2								1.1	7.3
S			.2	.3	.2							.7	13.8
SSW	.1	.1	.2	.1								.3	7.8
SW			.2	.1	.1	.1						.3	16.4
WSW		.1	.1									.1	7.5
W			.1	.1								.2	10.8
WNW													
NW													
NNW			.1									.1	9.0
VARBL												.5	
CALM													
	.2	3.1	20.0	47.0	23.7	4.9	.1					100.0	14.0

TOTAL NUMBER OF OBSERVATIONS 1765

2

DATA PROCESSING BRANCH  
 AFAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 21603 STATION NAME JOHNSTON ISLAND/PACIFIC IS YEARS 45-71 MONTH JCT  
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.3	.2								.7	8.7
NNE		.1	.5	.3	.1							.9	11.3
NE		.1	1.9	3.2	2.6	.2						5.1	14.0
ENE		.8	7.4	16.4	10.6	1.9						37.1	14.5
E	.1	.4	7.1	21.6	7.2	1.5	.1					37.9	13.9
ESE	.1	.3	1.9	4.6	2.0	.4						9.4	13.7
SE	.1	.3	.8	.7	.2	.1						2.3	10.8
SSE		.3	.2	.2	.1	.1						.7	10.2
S		.3	.2	.3		.1						1.1	10.6
SSW		.1	.1	.1	.1							.3	11.5
SW			.1	.2								.2	12.5
WSW		.1		.1								.2	8.0
W			.2									.2	7.7
WNW													
NW													
NNW			.1	.1								.2	11.3
VARBL													
CALM												.7	
	.3	2.4	20.8	44.2	22.8	4.2	.1					100.0	13.8

TOTAL NUMBER OF OBSERVATIONS 1767

2

DATA PROCESSING BRANCH  
 ITAC/USAF  
 AIR WEATHER SERVICE/AAC

**SURFACE WINDS**

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

21693 STATION 21693 JOHNSTON ISLAND/PACIFIC IS STATION NAME 45-71 YEARS MONTH CT  
 ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.2									.3	7.7
NNE		.1	.6	.6								1.2	10.5
NE		.1	2.2	3.9	2.3	.2						8.7	13.9
ENE		.4	6.1	16.6	11.1	2.1	.1					36.8	14.7
E	.2	.8	7.4	22.9	6.9	1.8						40.0	13.8
ESE		.1	1.9	3.9	1.3	.3						7.4	13.5
SE	.2	.2	.9	.5	.2	.1						1.9	10.5
SSE	.1	.2	.3	.2								.8	8.9
S	.1	.1	.2	.3	.1	.1						1.0	12.1
SSW	.1		.1	.2	.1	.1						.5	12.4
SW	.2		.1	.1								.3	6.7
WSW				.2								.2	12.7
W			.1									.1	8.0
WNW			.1									.1	8.0
NW			.1									.1	9.8
NNW													
VARBL													
CALM												.7	
	.9	2.4	20.1	49.3	21.9	4.7	.1					100.0	13.8

TOTAL NUMBER OF OBSERVATIONS 1762

2

DATA PROCESSING BRANCH  
 AFAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 21603 STATION NAME JOHNSTON ISLAND/PACIFIC IS YEARS 45-71 MONTH CT  
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.2	.1								.3	8.3
NNE		.3	.3	.2								.9	8.9
NE	.1	.1	1.4	3.5	2.4	.4						7.9	14.6
ENE	.1	.5	4.8	15.1	12.0	2.5	.1					35.0	15.3
E		.5	6.0	26.0	8.3	1.6						42.3	14.2
ESE	.1	.2	1.6	4.4	1.4	.2						7.8	13.4
SE	.3	.5	1.1	.5	.2	.1						2.5	9.4
SSE		.2	.3	.2	.1	.1						.8	10.3
S	.1	.1	.2	.5	.1	.1						1.0	11.7
SSW		.1	.2	.1	.1	.1						.5	13.5
SW			.1									.1	10.0
WSW			.1	.2								.2	12.0
W				.1								.1	12.0
WNW			.2									.2	8.7
NW													
NNW	.1											.1	3.0
VARBL													
CALM												.5	
	.6	2.5	16.3	50.7	24.4	4.9	.1					100.0	14.2

TOTAL NUMBER OF OBSERVATIONS 1768

2

DATA PROCESSING BRANCH  
 STAC/USA  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 21600 STATION NAME WINSTON ISLAND/PACIFIC IS YEARS 45-71 MONTH CT  
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.2	.1								.5	7.7
NNE		.1	.3	.6	.1							1.0	12.8
NE		.5	1.4	4.9	2.4	.2		.1				9.3	14.1
ENE		.3	4.9	15.1	11.0	2.2						33.4	13.3
E		.6	6.8	24.6	6.8	1.2	.1					40.2	13.8
ESE	.1	.6	2.0	4.8	1.6	.2						9.3	12.7
SE	.2	.4	.8	.7	.3		.1					2.5	11.0
SSE			.5	.2	.1	.1						.9	12.6
S		.1	.3	.2	.1	.1						.8	12.0
SSW				.1	.1							.1	16.0
SW		.1	.1	.1	.1							.3	11.3
WSW		.1	.1	.1								.2	9.0
W	.1	.1	.1									.2	9.3
WNW													
NW			.1									.1	10.0
NNW			.2									.2	8.7
VARBL													
CALM												1.0	
	.3	2.7	17.7	51.5	22.5	3.9	.2	.1				100.0	13.9

TOTAL NUMBER OF OBSERVATIONS 1767

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

21603  
STATIONWINSTON ISLAND/PACIFIC IS  
STATION NAME45-71  
YEARSJULY  
MONTHALL WEATHER  
CLASS1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1		.3	.1								.4	8.6
NNE		.2	.6	.2	.2							1.4	9.7
NE	.3	.3	2.0	3.5	2.9	.3	.1					11.3	14.1
ENE	.1	.6	4.8	16.5	11.8	2.1	.1					35.9	15.1
E	.1	1.0	7.6	20.5	8.5	1.1						38.8	13.7
ESE		.3	1.2	3.7	1.0	.1						6.4	13.1
SE	.1	.2	.8	.6	.2	.1						2.2	10.3
SSE	.1	.4	.2	.3	.1	.1						1.1	9.8
S		.1	.1	.3	.1	.1						.6	13.3
SSW		.1	.1	.3	.2	.1						.7	13.5
SW			.1									.1	10.0
WSW	.1			.1	.1							.2	10.3
W		.1										.1	5.0
WNW	.1	.1	.1									.2	4.3
NW		.1										.1	5.0
NNW													
VARBL													
CALM												.7	
	.7	3.6	17.8	48.2	24.8	4.0	.1					100.0	13.9

TOTAL NUMBER OF OBSERVATIONS

1765

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 21603 STATION NAME JOHNSTON ISLAND/PACIFIC IS YEARS 45-71 MONTH CT  
 CLASS ALL WEATHER HOURS (L.E.T.) 1800-2000  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.1	.1	.1							.2	10.5
NNE		.2	.7	.3	.1							1.3	9.9
NE	.1	.5	1.4	3.9	3.4	.5						9.7	14.5
ENE	.2	.6	6.9	16.7	12.4	2.8	.1					39.6	14.9
E	.2	1.0	6.1	20.9	8.3	1.6	.1					38.2	14.1
ESE	.1	.3	1.2	3.3	1.1	.3	.1					6.5	13.8
SE		.3	.8	.7	.2	.1						2.1	10.9
SSE		.1	.2	.1								.3	9.3
S	.1	.1	.2	.1	.3	.1						.7	13.1
SSW			.2	.1	.1							.3	11.6
SW			.1	.1	.1							.2	12.0
WSW		.1										.1	4.0
W													
WNW		.1										.1	5.0
NW													
NNW		.1	.1									.2	7.0
VARBL													
CALM												.5	
	.6	3.3	18.0	46.3	25.9	5.2	.3					100.0	14.2

TOTAL NUMBER OF OBSERVATIONS 1766

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

21002  
STATIONJOHNSTON ISLAND/PACIFIC IS  
STATION NAME45-71  
YEARSJCT  
MONTH2100-2300  
HOURS (L.S.T.)ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				.1								.1	12.0
NNE		.2	.2	.2								.6	9.6
NE	.1	.5	1.5	3.6	2.6	.6						8.9	14.3
ENE	.1	.7	6.0	15.9	12.3	3.0	.1					38.0	15.2
E	.1	1.1	6.9	22.5	7.8	1.9						40.3	14.0
ESE		.4	1.9	3.8	1.5	.3						7.6	13.7
SE		.3	.5	.7	.9	.1						2.0	12.7
SSE		.2	.3	.2								.7	9.1
S			.2	.3	.1	.1						.6	13.4
SSW			.1	.1		.1						.2	13.3
SW	.1		.2	.1	.1	.1						.4	11.7
WSW													
W		.1	.1									.1	7.0
WNW													
NW				.1								.1	12.0
NNW		.1		.1								.1	9.5
VARBL													
CALM												.3	
	.3	3.4	17.6	47.5	24.8	6.0	.1					100.0	14.3

TOTAL NUMBER OF OBSERVATIONS

1758

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-71  
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	.1	.2	.3	.5	.1	.1						1.3	9.9
NNE		.2	.2	.4	.5	.1						1.5	13.6
NE	.2	.5	1.7	3.6	2.1	.5	.1					8.7	13.9
ENE		.8	4.3	15.6	10.4	2.4	.1					33.6	15.2
E	.2	.9	4.2	21.9	10.2	2.1						39.4	14.8
ESE	.2	.2	2.1	3.5	1.2	.4						7.6	13.2
SE	.1	.3	1.2	.9	.2							2.7	10.6
SSE		.1	.6	.3	.1	.2						1.3	12.5
S		.1	.4	.1	.1	.1	.1	.1				.9	13.7
SSW			.2									.2	8.8
SW		.2	.1	.1								.5	7.2
WSW		.1	.3	.1								.5	8.6
W		.1	.1	.1								.3	8.8
WNW		.2										.2	5.0
NW		.1		.1								.2	8.0
NNW		.1	.1	.2	.1	.1						.4	14.9
VARBL													
CALM												.7	
	.7	4.3	15.9	47.4	24.9	5.9	.2	.1				100.0	14.3

TOTAL NUMBER OF OBSERVATIONS 1651

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/PAAC

**SURFACE WINDS**

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

21033 STATION JOHNSTON ISLAND/PACIFIC IS STATION NAME 45-71 YEARS MONTH APR 0300-0500 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.2	.5	.2	.2	.1	.1					1.2	12.8
NNE		.3	.4	.4	.5	.1						1.6	12.7
NE	.1	.7	1.2	3.1	2.4	.4						7.8	14.1
ENE		.8	4.7	15.5	10.6	2.5	.1					34.3	15.0
E	.1	1.0	5.1	20.1	11.2	2.1						39.5	14.9
ESE	.1	.4	2.1	3.5	1.2	.2						7.3	12.8
SE		.4	1.5	1.2	.1	.1	.1					3.3	11.2
SSE		.3	.2	.2	.1	.1						.9	11.5
S			.2	.4		.1						.7	13.4
SSW			.2	.1			.1					.4	13.3
SW	.1	.2	.2	.2								.7	8.1
WSW		.1	.2									.2	8.0
W	.1	.1	.1									.3	5.2
WNW													
NW		.1		.2								.2	11.0
NNW		.1	.2	.1	.3							.7	14.2
VARBL												.8	
CALM													
	.5	4.8	16.8	43.1	26.5	5.6	.2					100.0	14.3

TOTAL NUMBER OF OBSERVATIONS 1652

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21603  
STATION

WHISTON ISLAND/PACIFIC IS  
STATION NAME

45-71  
YEARS

0600  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.4	.4	.2	.2						1.4	12.5
NNE		.2	.4	.9	.6							2.1	13.3
NE	.1	.6	1.2	2.6	2.2	.5						7.2	14.2
ENE	.2	.8	4.2	14.5	9.8	3.2	.1					32.6	15.4
E	.1	.5	5.7	20.4	12.1	2.8						41.6	15.1
ESE		.2	1.5	3.3	1.5	.2						6.7	13.3
SE		.3	.7	1.6	.2	.2						3.2	11.9
SSE	.1		.4	.2								.7	9.4
S	.1	.1	.3	.4		.2	.1					1.3	12.4
SSW	.1		.2	.1								.4	9.3
SW		.3	.2	.2		.1						.8	9.7
WSW	.1	.1	.4									.5	7.2
W													
WNW													
NW		.2										.2	5.7
NNW		.2	.1	.3	.2	.1						.8	13.4
VARBL													
CALM												.4	
	.7	3.8	15.8	45.1	26.7	7.3	.2					100.0	14.6

TOTAL NUMBER OF OBSERVATIONS 1650

2

DATA PROCESSING BRANCH  
 FTAG/USAF  
 AIR WEATHER SERVICE/PAC

**SURFACE WINDS**

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

21601  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

45-71  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

0000-1100  
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	.2	.3	.4	.1						1.1	12.9
NNE	.1	.1	.4	.4	.5							2.0	13.7
NE		.3	1.2	2.4	2.2	.4						7.0	14.6
ENE	.1	.5	3.5	13.8	12.9	1.7	.1					32.5	15.6
E		.5	5.8	21.0	12.9	2.1	.1					42.4	15.0
ESE	.1	.4	.9	4.1	1.3	.2						7.0	13.8
SE		.2	1.5	1.1	.3							3.1	10.8
SSE	.1	.1	.4	.3	.2							1.0	11.6
S	.1	.2	.6	.1		.2						1.2	10.6
SSW		.2	.2	.1								.5	7.5
SW			.4	.3								.7	11.5
WSW			.2									.2	9.5
W			.1									.1	9.0
WNW		.1										.1	6.0
NW	.1		.1									.2	6.3
NNW		.1	.1	.4	.2							.7	13.4
VARBL													
CALM													
	.4	2.9	15.7	45.1	31.0	4.7	.2					100.0	14.7

TOTAL NUMBER OF OBSERVATIONS

1653

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21000 STATION 21000 JOHNSTON ISLAND/PACIFIC IS 45-71 YEARS MONTH 1200-1400  
 STATION NAME STATION NAME CLASS ALL WEATHER HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	.3	.3	.3	.1	.1					1.5	11.8
NNE		.1	.8	1.0	.4	.1						2.5	12.5
NE	.1	.2	1.6	2.3	2.2	.1						6.5	14.0
ENE		.4	3.6	14.6	11.5	1.4	.1					31.6	15.5
E	.1	.7	4.7	21.1	12.7	1.1	.1					40.4	14.9
ESE	.1	.4	1.8	5.0	1.9	.1						9.3	13.3
SE	.1	.4	1.9	.7	.2							2.9	10.2
SSE		.4	.4	.4	.2	.1	.1					1.6	12.1
S		.2	.3	.2			.1					.7	10.5
SSW	.1	.1	.2									.4	6.0
SW			.5	.4								1.0	10.1
WSW		.1	.2									.2	8.3
W		.1	.1									.2	8.0
WNW			.1									.1	10.0
NW		.2	.1	.4								.6	10.5
NNW		.1		.2		.1						.4	15.6
VARBL													
CALM												.1	
	.2	3.7	15.9	46.4	29.5	3.0	.4					100.0	14.4

TOTAL NUMBER OF OBSERVATIONS 1620

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/PAC

**SURFACE WINDS**

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

21601 STATION 21601 QUINSTON ISLAND/PACIFIC IS 45-71 YEARS 1950-1960 MONTH NORTH  
 CLASS ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.4	.4	.2	.2						1.4	13.1
NNE	.1	.4	.7	1.0	.6	.1						2.9	12.5
NE	.4	.2	1.0	3.6	1.6	.5						7.3	13.8
ENE	.1	.3	3.4	16.2	12.2	2.0		.1				34.2	15.5
E	.1	.8	4.0	19.6	12.7	1.4	.1					38.7	15.0
ESE		.2	2.1	3.3	1.5	.2						7.3	13.2
SE	.2	.4	.9	1.0	.4							4.0	10.6
SSE	.2	.2	.4	.4	.1		.1					1.2	10.2
S	.1	.2	.3	.1	.3							.9	11.5
SSW	.1	.3	.2	.1	.3							.7	7.5
SW		.1	.3	.4		.1						.5	12.3
WSW			.1	.1								.2	10.7
W	.1	.1	.1									.2	5.7
WNW		.1	.1	.1	.1							.3	11.6
NW	.1	.1	.1									.2	6.8
NNW		.1	.1	.1	.3							.4	14.8
VARBL													
CALM												.2	
	1.2	3.6	14.1	46.4	29.9	4.4	.1	.1				100.0	14.5

TOTAL NUMBER OF OBSERVATIONS 1651

2

DATA PROCESSING BRANCH  
 AFAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION: 21603 STATION NAME: GUANASTOW ISLAND/PACIFIC IS YEARS: 45-71 MONTH: NOV  
 CLASS: ALL WEATHER HOURS (L.S.T.): 1800-2000  
 CONDITION: \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 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	.5	.2	.2						1.3	14.3
NNE	.1	.2	.7	.8	.5	.1						2.5	12.9
NE	.3	.2	1.7	4.4	1.6	.5	.1					8.7	13.7
ENE	.1	.7	3.7	16.0	14.2	2.6	.2	.1				37.7	15.8
E	.1	.8	3.6	19.7	11.1	.8						36.1	14.9
ESE		.4	1.4	2.8	1.1	.2						5.9	12.9
SE	.1	.9	.7	1.1	.2	.1						2.8	10.7
SSE		.2	.2	.2	.3	.1	.1	.1				1.1	15.3
S		.2	.2	.1	.1		.1					1.0	9.6
SSW	.1	.2	.2				.1					.4	6.1
SW		.1	.2	.2								.5	9.4
WSW		.1	.1									.2	6.3
W		.1	.1	.1								.2	10.8
WNW		.1	.1	.1								.2	9.3
NW			.1	.1								.1	11.0
NNW		.1			.2							.3	13.0
VARBL													
CALM												.9	
	.7	4.5	13.0	46.2	29.6	4.6	.4	.1				100.0	14.5

TOTAL NUMBER OF OBSERVATIONS 1654

2

DATA PROCESSING BRANCH  
 ITAC/USAF  
 AIR WEATHER SERVICE/HAC

**SURFACE WINDS**

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

21613 STATION     JONSTON ISLAND/PACIFIC IS     45-71     YEARS     2100-2300  
STATION     STATION NAME     CLASS     HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.2	.2	.2	.2						1.1	13.9
NNE		.1	.2	.7	.8	.2						2.1	15.3
NE	.1	.2	1.6	2.9	2.2	.3	.1					7.4	14.4
ENE	.1	1.0	3.8	16.6	11.0	3.1	.2	.1				31.8	15.4
E	.1	1.1	4.1	20.4	11.4	1.6	.1					38.8	14.8
ESE		.5	1.7	3.4	1.6	.1						7.3	13.0
SE	.1	.5	1.0	1.0	.2	.1	.1					2.8	11.2
SSE			.3	.2	.2							.7	13.3
S		.1	.2	.1				.1	.1			.7	16.3
SSW		.3	.1		.1							.4	8.0
SW		.2	.3									.5	6.6
WSW		.2	.2									.4	7.5
W				.2								.2	13.0
WNW		.1	.1									.2	6.3
NW		.1		.1								.2	9.3
NNW		.1	.1	.1		.1						.3	11.8
VARBL													
CALM												1.1	
	.2	4.8	12.8	46.0	27.8	5.6	.4	.2	.1			100.0	14.9

TOTAL NUMBER OF OBSERVATIONS     1654

2

DATA PROCESSING BRANCH  
 ITAC/USAF  
 AIR WEATHER SERVICE/NAO

**SURFACE WINDS**

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

1693 STATION     JIMMISTON ISLAND/PACIFIC IS     45-71     YEARS     DEC     MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	.8	.5	.1							1.8	9.3
NNE		.4	.6	1.6	1.2	.2	.1					4.1	14.4
NE	.1	.8	2.3	4.4	5.2	2.7	.3					15.8	16.2
ENE	.1	.6	4.1	9.5	9.9	3.9	.2					28.3	16.1
E		.6	5.8	15.5	9.1	2.6	.1					33.7	14.9
ESE	.1	.4	2.0	2.9	1.2	.6						7.1	13.3
SE		.2	1.0	.7	.1	.2						2.4	11.4
SSE	.1	.2	.5	.5	.2	.2						1.6	12.2
S		.1	.2	.5								.8	10.8
SSW		.2	.1	.3	.1							.6	11.7
SW	.1	.4	.1	.4	.1	.2	.1	.1				1.4	13.4
WSW		.1	.1		.1	.1		.1				.4	19.3
W		.1	.1	.1			.1					.2	14.3
WNW			.2	.1	.1							.4	12.5
NW		.1	.1	.2								.4	11.3
NNW	.1	.4	.2									.6	5.8
VARBL													
CALM												.5	
	.5	5.0	18.0	37.1	27.3	10.9	.7	.1				100.0	14.9

TOTAL NUMBER OF OBSERVATIONS     1699

2

DATA PROCESSING BRANCH  
 FTAC/USA  
 AIR WEATHER SERVICE/AC

**SURFACE WINDS**

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

STATION 21600 STATION NAME JOHNSTON ISLAND/PACIFIC IS YEARS 45-71 MONTH DEC  
 CLASS ALL WEATHER HOURS (L.S.T.) 0200-0500  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.6	.6	.2							1.7	10.3
NNE	.1	.2	.9	1.5	.6	.6						3.9	14.1
NE		.3	2.4	4.4	4.2	2.9	.5					15.0	16.7
ENE		.7	4.7	9.9	11.4	3.2	.2					30.1	15.7
E	.1	.9	6.0	13.4	9.8	2.1	.1					32.4	14.8
ESE	.1	.1	1.5	2.8	1.8	.6						6.8	14.3
SE	.1	.5	.5	.8	.3	.1						2.2	10.9
SSE	.1	.2	.5	.8	.1	.1	.1					1.9	12.3
S	.1	.1	.5	.2	.1							.9	9.9
SSW		.2	.1	.4	.1	.1	.1					.9	15.6
SW			.2	.2		.2						.5	14.6
WSW	.1	.2	.1	.2	.2	.1						.8	12.5
W		.2	.1	.1								.4	7.3
WNW			.2	.1		.1						.4	14.8
NW		.1	.2	.2								.5	9.0
NNW		.1	.4	.1	.1							.6	10.1
VARBL													
CALM												1.1	
	.6	4.1	18.8	35.5	28.9	10.2	.9					100.0	14.8

TOTAL NUMBER OF OBSERVATIONS 1698

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR FATHER SERVICE/TAC

**SURFACE WINDS**

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

21634 STATION     JOHNSTON ISLAND/PACIFIC IS     45-71     YEARS     JIC MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	.2	.4	.1							1.6	10.3
NNE	.1	.2	.8	1.6	.8	.4	.1	.1				4.2	14.5
NE		.6	2.2	5.1	4.7	2.8	.1					15.5	16.2
ENE		.7	4.4	10.7	10.5	3.9	.2	.1				30.5	16.0
E	.3	.9	5.5	12.9	9.6	1.9	.1					31.1	14.7
ESE		.1	2.1	3.4	1.6	.2	.1					7.4	13.5
SE		.1	1.0	.6	.1	.1	.1					2.2	12.2
SSE		.1	.5	.2	.4	.1						1.4	13.3
S		.1	.5	.4	.1	.1						1.0	11.2
SSW		.2	.2	.2	.1	.1	.1					.9	13.2
SW	.1	.2	.1	.2	.1	.2	.1					.9	14.1
WSW		.2	.1	.3		.1	.1					.7	12.7
W		.1	.1		.1	.1						.3	12.2
WNW			.1			.1						.2	13.7
NW	.1	.1	.2									.4	7.2
NNW		.3	.5	.1	.2							1.0	9.4
VARBL													
CALM												.7	
	.5	4.4	18.4	36.8	28.3	9.9	.8	.1				100.0	14.8

TOTAL NUMBER OF OBSERVATIONS     1699

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 21603 STATION NAME JOHNSTON ISLAND/PACIFIC IS YEARS 45-71 IFC MONTH 0900-1100  
 CLASS ALL WEATHER  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 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	.6	.1							1.5	10.1
NNE	.1	.2	.6	.9	.9	.6						3.4	13.2
NE		.2	1.7	5.2	4.7	3.0	.1					15.0	16.8
ENE	.1	.8	3.6	12.1	10.7	3.4	.1					30.9	15.9
E		.7	4.6	14.4	8.6	2.2	.1					30.6	14.9
ESE		.5	2.1	4.2	1.2	.2	.1					8.4	13.1
SE	.1	.1	.8	.9	.4	.2						2.5	13.1
SSE	.1	.2	.3	.4	.4	.1						1.5	12.9
S	.1	.4	.3	.5		.1						1.4	10.4
SSW	.1	.1	.4	.3	.1	.1	.1					1.2	13.8
SW		.2	.2	.4	.1	.1		.1				.9	13.1
WSW	.1	.1	.1	.1	.2	.1						.6	13.1
W		.2		.3	.1							.5	11.3
WNW		.1	.1	.1								.2	8.8
NW		.1	.2	.1								.4	8.8
NNW		.2	.2	.1								.5	7.3
VARBL													
CALM												.7	
	.5	4.5	15.7	40.7	27.4	10.0	.5	.1				100.0	14.9

TOTAL NUMBER OF OBSERVATIONS 1697

2

DATA PROCESSING CENTER  
 FTAC/USAF  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

21603  
STATION

JUNSTON ISLAND/PACIFIC IS  
STATION NAME

45-71  
YEARS

LFC  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3	.6	1.0								2.1	9.9
NNE			.9	1.7	1.2	.4	.1					4.4	15.5
NE		.4	2.0	4.9	4.9	2.0	.1					14.3	16.2
ENE		.2	3.7	10.7	11.2	2.7	.1					28.6	15.8
E	.1	.4	5.2	15.2	8.9	2.1	.1					32.4	14.8
ESE		.2	2.1	2.9	1.3	.2	.1					7.1	13.0
SE	.1	.1	.8	1.4	.2	.2						2.8	12.4
SSE	.1	.1	.2	.6	.3	.1		.1				1.3	14.1
S		.3	.2	.3	.2	.1						1.1	11.7
SSW		.1	.3	.3	.2	.3		.1				1.3	17.5
SW		.2	.2	.2	.1	.1						.8	11.3
WSW		.1		.4	.2	.1						.8	14.6
W		.1	.1	.3								.5	10.7
WNW	.1	.2	.1	.1	.1	.1						.6	9.6
NW		.2	.2		.1	.1						.6	11.8
NNW		.1	.2	.1								.4	9.5
VARBL													
CALM												.7	
	.5	3.8	16.8	40.2	28.9	8.4	.5	.2				100.0	14.8

TOTAL NUMBER OF OBSERVATIONS 1697

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21603  
STATION

MUNSTIN ISLAND/PACIFIC IS  
STATION NAME

45-71  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.4	.6	.3	.1						1.7	12.2
NNE	.1	.2	.9	1.8	1.1	.3	.2					4.9	14.0
NE		.4	1.7	3.6	6.1	2.0	.3					16.1	16.5
ENE	.1	.6	4.7	10.9	10.9	2.1	.2					29.6	15.3
E	.1	1.1	4.9	14.1	8.6	1.8						30.6	14.6
ESE		.3	1.6	2.5	1.2	.3	.1					6.0	13.6
SE	.1	.5	1.1	1.2	.2	.2						3.2	11.1
SSE		.2	.4	.4	.2	.2						1.1	11.1
S		.2	.2	.4	.1	.2						1.4	12.0
SSW		.1	.4	.4	.1	.2	.1	.1				1.2	15.8
SW			.2	.2	.1	.1		.1				.6	14.7
WSW		.1		.2	.1	.1						.6	15.2
W		.1	.1	.5	.1							.9	12.4
WNW	.2	.1	.4	.1		.1						.8	7.7
NW	.1	.1	.2	.1								.4	7.3
NNW	.1	.1	.2	.1								.6	8.6
VARBL													
CALM												.5	
	.7	4.7	17.8	39.0	29.0	7.4	.9	.1				100.0	14.6

TOTAL NUMBER OF OBSERVATIONS 1698

2

DATA PROCESSING BRANCH  
 FTAC/USAF  
 AIR WEATHER SERVICE/PAC

**SURFACE WINDS**

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

21603 STATION 21603 STATION NAME JOHNSTON ISLAND/PACIFIC IS 45-71 YEARS MONTH DEC  
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.5	.5	.5	.2	.1						1.7	10.7
NNE		.4	.9	1.8	1.3	.8	.1					5.2	15.0
NE	.1	.2	2.0	5.0	6.2	2.8	.2	.1				16.7	17.0
ENE	.1	.7	3.8	12.2	10.9	2.5	.3					30.5	15.7
E	.1	1.1	4.9	11.7	9.2	2.3	.1					29.4	14.8
ESE		.5	1.9	2.9	1.2	.3						6.8	13.1
SE		.7	.6	.5	.1	.1						2.1	9.8
SSE		.2	.3	.6	.3	.2						1.6	14.0
S		.1	.2	.4	.4	.1						1.1	14.4
SSW		.1	.1	.2	.2	.1	.2					.9	20.8
SW	.1		.1	.2	.1							.5	10.2
WSW		.1	.3	.2	.1							.7	11.5
W	.1		.2	.4								.6	10.4
WNW		.1	.1	.2	.1	.1						.5	12.5
NW	.1	.2	.2									.5	6.4
NNW	.1	.1	.2	.1								.5	7.7
VARBL													
CALM												.7	
	.6	4.9	16.2	37.1	30.1	9.3	.9	.1				100.0	14.9

TOTAL NUMBER OF OBSERVATIONS 1699

2

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

21695 STATION 2100-2300  
 JOHNSTON ISLAND/PACIFIC IS STATION NAME ALL WEATHER CLASS  
 45-71 YEARS MONTH  
 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 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	.7	.3	.3	.1						1.9	10.3
NNE	.1	.2	.6	1.1	1.2	.5	.1					4.1	15.3
NE		.7	2.5	5.4	5.9	2.9	.1					17.5	16.2
ENE	.2	.9	3.2	10.4	10.7	4.1	.4					29.9	16.3
E		.6	4.8	13.6	9.1	2.3	.1					30.5	15.0
ESE		.3	1.6	3.7	1.5	.4						7.5	13.6
SE	.1	.1	.5	.5	.2	.2						1.5	13.1
SSE	.1	.1	.2	.6	.2	.1	.1					1.3	14.4
S		.2	.4	.2	.1	.1						1.0	11.2
SSW			.2	.1	.1	.1	.1	.1				.7	19.8
SW		.2	.4	.2	.2	.2						1.2	13.0
WSW	.1	.1	.1	.1								.4	7.8
W		.2	.1	.1		.1						.5	10.4
WNW		.2	.2									.4	7.6
NW	.1	.1	.1	.1	.1							.4	10.2
NNW	.1	.1	.2	.1								.5	8.3
VARBL													
CALM												.8	
	.7	4.2	10.3	36.6	29.5	11.0	.8	.1				100.0	15.1

TOTAL NUMBER OF OBSERVATIONS 1696

2

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/AC

**SURFACE WINDS**

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

210001 JERONSTON ISLAND/PACIFIC IS 45-77 ALL  
STATION STATION NAME YEARS MONTH

INSTRUMENT  
CLASS  
 CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,  
CONDITION  
 AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE  
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		.2	.4	1.0	.3	.3	.1	.1				2.5	14.5
NNE		.3	.4	1.9	1.0	.3		.1				4.0	14.0
NE	.1	.3	1.2	3.8	2.8	1.1	.3	.3				9.9	16.3
ENE		.1	2.3	9.0	7.5	3.6	1.0	.2				23.8	17.3
E		.5	3.6	10.9	8.4	3.2	.5					27.1	16.0
ESE	.1	.3	1.5	4.4	3.2	1.8	.3					11.5	16.3
SE		.3	1.1	2.6	.8	.6	.1					5.7	14.6
SSE	.2	.5	.7	1.1	.3	.4	.1	.1				3.4	13.8
S		.3	.3	1.0	.3	.2	.2	.2	.1			2.6	16.6
SSW		.2	.4	.6	.1	.1	.1					1.5	12.4
SW		.1	.2	.3	.2	.3	.1					1.2	16.2
WSW	.1		.3	.2	.3	.1						1.7	13.3
W		.3	.2	.3		.1						.9	10.0
WNW	.1	.2	.3	.4		.1		.1				1.3	12.3
NW			.3	.6	.1	.1						1.2	14.0
NNW			.3	.6	.4	.1	.1					1.6	14.9
VARBL												.0	
CALM												.0	
	.6	3.4	13.7	38.9	25.9	12.6	2.9	1.0	.1			100.0	15.8

TOTAL NUMBER OF OBSERVATIONS 1435

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	≥ ¼	≥ 0
NO CEILING														
1300														
1500					91.0									92.6
1700														
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  $\geq 0$ .  
 For instance, from the table: Ceiling  $\geq 1500$  feet = 92.6%.  
 Ceiling  $\geq 500$  feet = 98.1%.

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

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling  $\geq 1500$  feet with visibility  $\geq 3$  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  $> 1$  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.

2

DATA PROCESSING CENTER  
USAF ETAC  
AIR FORCE SERVICE

# CEILING VERSUS VISIBILITY

18-2

UNIT 8 1546 PACIFIC IS

48-72

YEARS

ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL HOURS 15

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING	67.1	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 20000	71.1	71.1	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
IV 18000	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 16000	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	71.9
IV 14000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 12000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 10000	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 9000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 8000	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 7000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 6000	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 5000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 4500	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 4000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 3500	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 3000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 2500	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 2000	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1800	97.9	97.9	97.9	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
IV 1500	98.3	98.3	98.3	98.3	98.9	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	98.9	98.9	98.9	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	99.0	99.0	99.0	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	99.3	99.3	99.3	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	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 136174

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE

# CEILING VERSUS VISIBILITY

21607  
 STATION

22 N T W ISLAND / PACIFIC IS  
 STATION NAME

49-74  
 YEARS

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURES 1-24

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5-16	¾	≥0
NO CEILING	63.2	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
IV 20000	64.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 18000	64.5	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
IV 16000	64.5	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
IV 14000	64.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 12000	65.9	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
IV 10000	67.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 9000	70.2	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 8000	72.1	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8
IV 7000	73.2	78.0	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
IV 6000	74.0	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	79.1
IV 5000	76.2	81.2	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
IV 4500	77.2	82.3	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
IV 4000	79.6	85.0	85.2	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
IV 3500	83.1	88.7	88.9	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 3000	84.9	90.7	90.9	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 2500	89.0	93.4	93.7	93.8	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1800	90.8	96.5	96.9	97.0	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6
IV 1500	90.4	97.4	97.9	98.1	98.4	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	90.5	97.7	98.2	98.4	98.8	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	90.6	97.8	98.3	98.5	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	90.7	97.8	98.4	98.6	99.1	99.1	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	90.7	97.9	98.4	98.7	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	90.7	97.9	98.4	98.7	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	90.7	97.9	98.4	98.7	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	90.7	97.9	98.4	98.7	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
IV 400	90.7	97.9	98.4	98.7	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
IV 300	90.7	97.9	98.4	98.7	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
IV 200	90.7	97.9	98.4	98.7	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
IV 100	90.7	97.9	98.4	98.7	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
IV 0	90.7	97.9	98.4	98.7	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 10912

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

DATA PROCESSING BRANCH

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21603  
STATION

JUNISTON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

YEARS

FEB  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11  
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0
NO CEILING	64.0	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
IV 20000	65.8	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
IV 18000	65.9	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
IV 16000	66.0	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
IV 14000	66.7	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
IV 12000	69.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 10000	71.0	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	75.3
IV 9000	73.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 8000	74.8	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	79.4	79.4
IV 7000	75.8	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
IV 6000	76.3	80.9	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	81.1
IV 5000	78.2	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
IV 4500	79.4	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
IV 4000	81.4	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
IV 3500	82.0	87.6	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 3000	84.4	89.2	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 2500	86.5	91.7	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
IV 2000	86.9	96.6	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1800	91.9	98.0	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 1500	92.4	98.6	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	92.4	98.7	99.2	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	92.5	98.8	99.3	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 900	92.5	98.8	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	92.5	98.8	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	92.5	98.8	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	92.5	98.8	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	92.5	98.8	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	92.5	98.8	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	92.5	98.8	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	92.5	98.8	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	92.5	98.8	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	92.5	98.8	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 10111

DATA PROCESSING BRANCH  
USAF ETAC  
AIR FORCE SERVICE/AC

# CEILING VERSUS VISIBILITY

21600  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

YEARS

ALL  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (24)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥¾	≥½	≥¼	≥0.16	≥0	≥0
NO CEILING	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IV 20000	66.8	66.6	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
IV 18000	67.0	66.9	66.9	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
IV 16000	67.5	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 14000	68.0	68.0	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
IV 12000	70.1	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
IV 10000	73.3	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 9000	75.7	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 8000	78.0	77.7	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
IV 7000	79.3	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 6000	80.3	80.1	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
IV 5000	82.4	81.8	82.1	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
IV 4500	83.6	83.0	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
IV 4000	85.7	85.0	85.4	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 3500	87.4	86.6	87.1	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 3000	88.5	87.7	88.2	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 2500	90.9	90.0	90.6	90.7	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 2000	96.1	94.8	95.6	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1800	97.9	96.4	97.2	97.4	97.5	97.5	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
IV 1500	99.1	97.3	98.3	98.6	98.7	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
IV 1200	99.5	97.6	98.6	98.9	99.1	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	99.8	97.7	98.7	99.0	99.2	99.3	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8
IV 900	99.9	97.7	98.7	99.0	99.2	99.3	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9
IV 800	99.9	97.7	98.7	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
IV 700	99.9	97.7	98.7	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
IV 600	99.9	97.7	98.7	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
IV 500	99.9	97.7	98.7	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
IV 400	99.9	97.7	98.7	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
IV 300	99.9	97.7	98.7	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
IV 200	99.9	97.7	98.7	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
IV 100	99.9	97.7	98.7	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
IV 0	99.9	97.7	98.7	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS

11376

USAF ETAC

FORM 121-64

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/VAC

# CEILING VERSUS VISIBILITY

21003

JOHNSTON ISLAND/PACIFIC IS

49-72

YEARS

PR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

HOURS 1 ST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	45.4	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
IV 20000	56.0	62.1	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
IV 18000	56.7	62.8	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
IV 16000	57.4	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
IV 14000	59.5	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 12000	62.3	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
IV 10000	67.5	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 9000	69.1	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	76.8
IV 8000	71.2	79.7	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
IV 7000	72.3	80.1	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
IV 6000	73.0	81.1	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
IV 5000	74.9	83.2	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
IV 4500	75.4	83.9	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 4000	76.7	85.5	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 3500	77.4	86.3	86.9	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3
IV 3000	78.2	87.2	87.8	87.9	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 2500	79.5	89.1	89.7	89.8	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 2000	81.3	94.7	95.4	95.4	95.8	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
IV 1800	85.7	96.4	97.3	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
IV 1500	86.3	97.4	98.4	98.6	98.9	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	86.4	97.6	98.6	98.8	99.1	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5
IV 1000	86.5	97.7	98.8	99.0	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	86.5	97.6	98.8	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	86.5	97.6	98.8	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	86.5	97.6	98.8	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	86.5	97.6	98.8	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	86.5	97.6	98.8	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	86.5	97.6	98.8	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	86.5	97.6	98.8	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	86.5	97.6	98.8	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	86.5	97.6	98.8	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	86.5	97.6	98.8	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1100

FNS

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AFM

# CEILING VERSUS VISIBILITY

21663  
STATION

JCMSTN TLEND/PACIFIC IS  
STATION NAME

49-72  
YEARS

MONTH

HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	47.0	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
IV 20000	60.9	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 18000	61.3	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
IV 16000	62.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 14000	65.5	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
IV 12000	69.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 10000	73.3	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
IV 9000	74.8	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
IV 8000	76.7	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
IV 7000	77.5	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 6000	78.3	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 5000	80.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 4500	80.7	87.3	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
IV 4000	81.0	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 3500	82.3	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 3000	83.0	90.5	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
IV 2500	84.8	92.3	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
IV 2000	88.1	96.1	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1800	89.2	97.4	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1500	90.0	98.6	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	90.0	98.7	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1000	90.1	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	90.1	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	90.1	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	90.1	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	90.1	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	90.1	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	90.1	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 300	90.1	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 200	90.1	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 100	90.1	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 0	90.1	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 11405

USAF ETAC FORM 0-14-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

21501  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURLY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0	≥0
NO CEILING IV 20000	67.3	67.7	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
IV 18000 IV 16000	68.9	75.0	75.0	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 14000 IV 12000	69.9	76.2	76.2	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 10000 IV 9000	74.2	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	81.2
IV 8000 IV 7000	77.3	84.3	84.3	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 6000 IV 5000	78.6	85.7	85.7	85.8	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 4500 IV 4000	80.0	88.2	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
IV 3500 IV 3000	82.3	90.1	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
IV 2500 IV 2000	83.1	90.9	91.0	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 1800 IV 1500	88.0	96.9	96.7	96.9	97.2	97.2	97.7	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9
IV 1200 IV 1000	88.9	97.8	97.8	98.1	98.4	98.4	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2
IV 900 IV 800	89.2	98.0	98.4	98.6	98.9	98.9	99.0	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 700 IV 600	89.2	98.1	98.4	98.7	99.0	99.0	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV 500 IV 400	89.2	98.1	98.4	98.7	99.0	99.0	99.1	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV 300 IV 200	89.2	98.1	98.4	98.7	99.0	99.0	99.1	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV 100 IV 0	89.2	98.1	98.4	98.7	99.0	99.0	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 11923

2

DATA PROCESSING CENTER  
USAF ETAC  
AIR EAT SERVICE

# CEILING VERSUS VISIBILITY

21604  
STATION

JOHNSON ISLAND/PACIFIC IS  
STATION NAME

48-71  
YEARS

MONTH

111  
HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING IN 20000	60.7	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IVM 18000	73.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IVM 16000	74.0	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
IVM 14000	74.2	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IVM 12000	75.1	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
IVM 10000	77.1	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
IVM 9000	79.9	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
IVM 8000	81.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IVM 7000	82.7	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
IVM 6000	83.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IVM 5000	84.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IVM 4500	85.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IVM 4000	85.6	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IVM 3500	86.1	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IVM 3000	87.3	91.4	91.4	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
IVM 2500	87.3	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	92.0	92.0
IVM 2000	89.2	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IVM 1800	92.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IVM 1500	93.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IVM 1200	93.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IVM 1000	93.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 900	93.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 800	93.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 700	93.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 600	93.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 500	93.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 400	93.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 300	93.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 200	93.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 100	93.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 0	93.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

12157

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AAC

# CEILING VERSUS VISIBILITY

210003  
STATION

UNIDENTIFIED ISLAND/PACIFIC IS  
STATION NAME

40-71  
YEARS

MONTH

HOURLY

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURLY

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0
NO CEILING	60.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 20000	72.7	75.7	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
IV 18000	73.1	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
IV 16000	73.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 14000	74.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 12000	76.7	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	80.8
IV 10000	79.2	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
IV 9000	80.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 8000	82.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 7000	83.2	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 6000	83.6	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 5000	84.9	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 4500	85.3	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 4000	85.1	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 3500	85.0	91.3	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 3000	85.1	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
IV 2500	86.2	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	93.3	93.3
IV 2000	87.0	97.0	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1800	87.4	97.9	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1500	88.0	98.3	99.0	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	88.0	98.8	99.1	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	88.0	98.9	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	88.0	98.9	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	88.0	98.9	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	88.0	98.9	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	88.0	98.9	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	88.0	98.9	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	88.0	98.9	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	88.0	98.9	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	88.0	98.9	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	88.0	98.9	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	88.0	98.9	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 12312

DATA PROCESSING CENTER  
 USAF ETAC  
 AIR CENTER SERVICE/AC

# CEILING VERSUS VISIBILITY

216.13  
 STATION

JOHNSTON ISLAND/PACIFIC IS  
 STATION NAME

48-71

YEARS

12  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

11  
 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0	
NO CEILING	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	
IV 20000	72.2	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	
IV 18000	72.4	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	
IV 16000	72.7	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	
IV 14000	73.5	77.2	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	
IV 12000	76.2	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	
IV 10000	78.9	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	
IV 9000	80.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	
IV 8000	83.1	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	
IV 7000	84.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	
IV 6000	84.5	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
IV 5000	85.9	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	
IV 4500	86.4	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	
IV 4000	87.2	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	
IV 3500	87.7	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	
IV 3000	88.0	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	
IV 2500	89.2	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	
IV 2000	89.2	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	
IV 1800	89.9	98.2	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	
IV 1500	89.3	93.9	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	
IV 1200	93.4	99.0	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	
IV 1000	93.4	99.0	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	
IV 900	93.4	99.0	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	
IV 800	93.4	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	
IV 700	93.4	99.0	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	
IV 600	93.4	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	
IV 500	93.4	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	
IV 400	93.4	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	
IV 300	93.4	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	
IV 200	93.4	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	
IV 100	93.4	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	
IV 0	93.4	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 11524

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EATER SERVICE/AC

# CEILING VERSUS VISIBILITY

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

48-71  
YEAR

YEARS

CI  
MONTH

11  
HOURS EST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING ≥ 20000	54.1	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 18000	71.4	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 16000	72.0	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
IV 14000	72.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 12000	73.9	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
IV 10000	76.7	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
IV 9000	79.3	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
IV 8000	82.0	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 7000	82.0	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
IV 6000	84.2	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
IV 5000	85.9	89.8	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 4500	87.3	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 4000	87.3	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 3500	87.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 3000	88.1	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 2500	89.2	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 2000	91.9	95.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1800	92.7	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1500	93.1	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1200	93.2	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1000	93.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 900	93.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 800	93.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 700	93.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 600	93.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 500	93.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 400	93.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 300	93.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 200	93.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 100	93.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 0	93.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9

TOTAL NUMBER OF OBSERVATIONS 11396

DATA PROCESSING FORMS 1177

2

DATA PROCESSING BRANCH  
USAF ETAC  
WFO EAST FLD FORT WORTH TX

# CEILING VERSUS VISIBILITY

216.1  
STATION

QUINCY ISLAND PACIFIC IS  
STATION NAME

69-71

YEARS

NOV  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

111  
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 20000	70.8	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 18000	70.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 16000	71.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 14000	72.2	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
IV 12000	74.8	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
IV 10000	77.9	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
IV 9000	78.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 8000	80.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 7000	82.1	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	86.2
IV 6000	82.8	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	86.7
IV 5000	83.6	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 4500	84.5	88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 4000	85.7	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	89.3	89.3
IV 3500	86.4	89.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 3000	86.9	91.5	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 2500	87.8	92.4	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
IV 2000	89.1	93.7	93.9	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
IV 1800	89.6	94.1	94.4	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 1500	89.8	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1200	89.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1000	89.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 900	89.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 800	89.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 700	89.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 600	89.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 500	89.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 400	89.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 300	89.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 200	89.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 100	89.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 0	89.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9

TOTAL NUMBER OF OBSERVATIONS

11056

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21603

JOHNSTON ISLAND/PACIFIC IS

45-71

YEARS

FC

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH

HOURS (EST)

DATA PROCESSING FORM 15-72

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0.16	≥ 0	≥ 0
NO CEILING	69.0	61.6	51.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 20000	62.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 18000	63.8	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
IV 16000	63.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 14000	64.8	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
IV 12000	66.5	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
IV 10000	69.7	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
IV 9000	72.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 8000	74.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 7000	75.8	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 6000	78.4	82.8	82.9	82.9	82.9	82.9	82.9	82.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 5000	78.2	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0
IV 4500	79.1	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 4000	81.0	85.8	86.0	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
IV 3500	82.3	87.4	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
IV 3000	83.4	88.5	88.8	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
IV 2500	84.9	90.2	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7
IV 2000	85.8	91.3	91.6	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
IV 1800	86.6	92.3	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
IV 1500	87.9	93.4	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1200	89.2	94.4	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 1000	90.5	95.5	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 900	91.5	96.5	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 800	91.5	96.5	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 700	91.5	96.5	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 600	91.5	96.5	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 500	91.5	96.5	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 400	91.5	96.5	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 300	91.5	96.5	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 200	91.5	96.5	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 100	91.5	96.5	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 0	91.5	96.5	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1

TOTAL NUMBER OF OBSERVATIONS

11328

USAF ETAC

FORM 0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EAT BR SERVICE AC

# CEILING VERSUS VISIBILITY

21600 JOHNSTON ISLAND PACIFIC IS

49-72

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (ST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/4	≥ 0	≥ 0
NO CEILING	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 20000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 18000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 16000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 14000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 12000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 10000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 9000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 8000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 7000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 6000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 5000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 4500	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 4000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 3500	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 3000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 2500	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 2000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 1800	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 1500	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 1200	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 1000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 900	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 800	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 700	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 600	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 500	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 400	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 300	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 200	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 100	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0

TOTAL NUMBER OF OBSERVATIONS 1360

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

21600  
STATION

EDWARDS ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0100-0300  
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	66.4	67.4	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
IV 18000	66.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 16000	66.7	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
IV 14000	66.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 12000	67.7	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	71.2	71.2
IV 10000	69.2	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 9000	71.1	75.2	75.2	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 8000	72.2	76.0	76.0	76.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 7000	73.3	77.9	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 6000	74.0	78.8	79.2	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
IV 5000	76.0	80.9	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 4500	77.1	82.3	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
IV 4000	78.6	84.0	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 3500	80.2	85.7	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 3000	82.3	88.0	88.4	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 2500	84.3	90.3	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 2000	86.1	94.6	95.0	95.1	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1800	88.8	95.4	95.8	95.9	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1500	89.4	95.5	97.1	97.2	97.4	97.4	97.4	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1200	89.4	96.9	97.6	97.8	98.0	98.0	98.0	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000	89.6	97.1	97.9	98.0	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	89.6	97.1	97.9	98.0	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	89.6	97.1	97.9	98.0	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	89.6	97.1	97.9	98.0	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	89.6	97.1	97.9	98.0	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	89.6	97.1	97.9	98.0	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	89.6	97.1	97.9	98.0	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 300	89.6	97.1	97.9	98.0	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 200	89.6	97.1	97.9	98.0	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 100	89.6	97.1	97.9	98.0	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 0	89.6	97.1	97.9	98.0	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 1351

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EATER SERVICE/RC

# CEILING VERSUS VISIBILITY

21002  
STATION

JUNNET H ISLAND/PACIFIC IS  
STATION NAME

49-72

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

C:00-0800  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	55.0	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 20000	56.7	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 18000	56.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
IV 16000	57.0	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
IV 14000	57.5	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
IV 12000	58.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 10000	60.1	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 9000	62.6	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	66.8
IV 8000	64.6	69.1	69.1	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
IV 7000	65.7	70.5	70.7	70.9	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 6000	66.9	71.7	72.0	72.1	72.1	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 5000	70.2	75.2	75.6	75.7	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 4500	70.7	75.8	76.2	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 4000	74.7	80.0	80.4	80.6	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 3500	77.9	83.4	83.8	84.0	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 3000	80.2	85.6	86.1	86.3	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 2500	82.8	88.3	88.8	89.0	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 2000	88.1	94.1	94.6	94.9	95.1	95.1	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5
IV 1800	94	95.7	96.3	96.6	96.8	96.8	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
IV 1500	90.5	97.3	97.9	98.2	98.4	98.4	98.7	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0
IV 1200	90.6	97.6	98.2	98.5	98.7	98.8	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5
IV 1000	90.7	97.7	98.4	98.6	98.9	99.0	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
IV 900	90.7	97.7	98.4	98.6	99.0	99.0	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9
IV 800	90.7	97.7	98.4	98.6	99.0	99.0	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9
IV 700	90.7	97.7	98.4	98.6	99.0	99.0	99.3	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0
IV 600	90.7	97.7	98.4	98.6	99.0	99.0	99.3	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0
IV 500	90.7	97.7	98.4	98.6	99.0	99.0	99.3	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0
IV 400	90.7	97.7	98.4	98.6	99.0	99.0	99.3	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0
IV 300	90.7	97.7	98.4	98.6	99.0	99.0	99.3	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0
IV 200	90.7	97.7	98.4	98.6	99.0	99.0	99.3	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0
IV 100	90.7	97.7	98.4	98.6	99.0	99.0	99.3	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0
IV 0	90.7	97.7	98.4	98.6	99.0	99.0	99.3	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1364

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR FATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

21604  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

69-72  
YEARS

YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥3/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING ≥ 20000	61.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 18000	63.0	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
IV 16000	63.0	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
IV 14000	63.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 12000	64.3	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 10000	66.6	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	70.7
IV 9000	64.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 8000	71.5	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
IV 7000	72.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 6000	74.0	78.9	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
IV 5000	76.7	82.1	82.3	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
IV 4500	78.4	83.8	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
IV 4000	81.0	86.6	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
IV 3500	82.8	88.8	89.0	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 3000	84.0	90.0	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 2500	85.5	91.6	91.9	91.9	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 2000	88.8	95.5	96.0	96.0	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7
IV 1800	89.6	96.6	97.1	97.1	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
IV 1500	89.9	97.3	97.8	97.8	98.4	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9
IV 1200	90.2	97.5	98.0	98.1	98.8	98.8	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3
IV 1000	90.3	97.7	98.2	98.3	99.0	99.0	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5
IV 900	90.3	97.7	98.2	98.3	99.0	99.0	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6
IV 800	90.4	97.7	98.2	98.3	99.1	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7
IV 700	90.4	97.7	98.2	98.3	99.1	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8
IV 600	90.4	97.7	98.2	98.3	99.1	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8
IV 500	90.4	97.7	98.2	98.3	99.1	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8
IV 400	90.4	97.7	98.2	98.3	99.1	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8
IV 300	90.4	97.7	98.2	98.3	99.1	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8
IV 200	90.4	97.7	98.2	98.3	99.1	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8
IV 100	90.4	97.7	98.2	98.3	99.1	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8
IV 0	90.4	97.7	98.2	98.3	99.1	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1333

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

DATA PROCESSING BRANCH

1347

DATA PROCESSING (FORM 1)

DATA PROCESSING BRANCH  
USAF ETAC  
AIR ESTIMES SERVICE/CIC

# CEILING VERSUS VISIBILITY

STATION  
21001

STATION NAME  
JOINT B. ISL. / PACIFIC IS.

YEARS  
49-72

MONTH

1200-1400

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ROUTE 15

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	62.0	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 20000	64.5	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
IV 18000	64.5	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 16000	64.5	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 14000	64.6	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
IV 12000	66.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4
IV 10000	68.2	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8
IV 9000	71.2	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3
IV 8000	72.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2
IV 7000	74.1	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
IV 6000	74.8	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
IV 5000	77.9	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4
IV 4500	79.6	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2
IV 4000	81.6	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3
IV 3500	82.3	86.8	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2
IV 3000	83.3	88.1	88.1	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6
IV 2500	85.1	89.9	90.0	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5
IV 2000	89.1	94.9	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8
IV 1800	90.0	95.0	95.2	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0
IV 1500	90.9	95.3	95.5	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4
IV 1200	91.2	97.4	97.8	98.2	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
IV 1000	91.4	97.7	98.0	98.4	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
IV 900	91.4	97.8	98.1	98.5	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
IV 800	91.4	97.9	98.2	98.7	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 700	91.4	97.9	98.2	98.7	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 600	91.4	97.9	98.2	98.7	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 500	91.4	97.9	98.2	98.7	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 400	91.4	97.9	98.2	98.7	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 300	91.4	97.9	98.2	98.7	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 200	91.4	97.9	98.2	98.7	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 100	91.4	97.9	98.2	98.7	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 0	91.4	97.9	98.2	98.7	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

1366

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

21623 STATION NO. JOHNSTON ISLAND/PACIFIC IS STATION NAME 49-72 YEARS JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS U.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	63.3	65.0	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
IV 20000	65.7	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	68.8
IV 18000	65.7	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	68.8
IV 16000	65.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 14000	66.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 12000	67.3	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
IV 10000	70.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 9000	72.6	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
IV 8000	74.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 7000	75.9	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
IV 6000	76.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 5000	78.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 4500	79.3	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	84.7
IV 4000	81.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 3500	82.0	87.9	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 3000	83.7	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 2500	91.4	91.5	91.5	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 2000	92.2	95.5	95.8	95.9	96.1	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1800	95.4	96.8	96.9	96.9	97.1	97.1	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1500	96.3	97.5	98.1	98.3	98.3	98.6	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IV 1200	96.3	97.5	98.2	98.5	98.7	98.8	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	96.6	97.7	98.5	98.7	98.9	99.0	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	96.6	97.7	98.5	98.7	99.0	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	96.6	97.7	98.5	98.7	99.0	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	96.6	97.7	98.5	98.7	99.0	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	96.6	97.7	98.5	98.7	99.0	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	96.6	97.7	98.5	98.7	99.0	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	96.6	97.7	98.5	98.7	99.0	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	96.6	97.7	98.5	98.7	99.0	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	96.6	97.7	98.5	98.7	99.0	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	96.6	97.7	98.5	98.7	99.0	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	96.6	97.7	98.5	98.7	99.0	99.1	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1366

2

DATA PROCESSING KANCH  
 USAF ETAC  
 AIR EAT E SERVICE/AC

# CEILING VERSUS VISIBILITY

21003 STATION JOURNAL IN ISLAND/PACIFIC IS 49-72 YEARS MONTH 1800-2000 HOUR (LEY)

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5-16	¾	≥0
NO CEILING	61.0	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
≥2000	62.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 18000	62.9	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
IV 16000	62.9	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
IV 14000	63.4	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
IV 12000	64.5	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
IV 10000	66.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 9000	68.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 8000	70.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 7000	72.8	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 6000	73.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 5000	75.2	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 4500	76.0	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
IV 4000	78.6	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
IV 3500	79.7	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
IV 3000	82.2	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
IV 2500	83.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 2000	88.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 1800	89.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1500	90.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1200	90.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1000	90.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 900	90.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 800	90.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 700	90.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 600	90.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 500	90.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 400	90.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 300	90.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 200	90.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 100	90.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 0	90.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 1366

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

21002  
STATION

JOHNSTON ISLAND/PACIFIC IS

49-72

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	¾	¾	≥5/16	¾	≥0
NO CEILING	70.9	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
IV 20000	68.4	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
IV 18000	63.4	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
IV 16000	63.4	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
IV 14000	68.8	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
IV 12000	70.0	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
IV 10000	71.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 9000	73.2	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
IV 8000	75.2	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
IV 7000	76.4	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
IV 6000	76.9	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 5000	78.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 4500	79.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 4000	81.1	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 3500	83.3	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
IV 3000	84.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 2500	86.2	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 2000	88.1	94.9	94.9	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
IV 1800	89.6	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1500	90.8	98.0	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1200	90.9	98.7	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000	90.9	98.3	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	91.1	98.3	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	91.1	98.5	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	91.1	98.5	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	91.1	98.5	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	91.1	98.5	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	91.1	98.5	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	91.1	98.5	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	91.1	98.5	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	91.1	98.5	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	91.1	98.5	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 1306

DATA PROCESSING BRANCH

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21503  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

FFB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0
NO CEILING	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 20000	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
IV 18000	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
IV 16000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 14000	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 12000	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	73.4
IV 10000	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
IV 9000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 8000	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 7000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 6000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 5000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 4500	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 4000	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 3500	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 3000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 2500	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 2000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1800	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1500	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1200	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1264

2  
K

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EAT ECE VICE/AC

# CEILING VERSUS VISIBILITY

21693 STATION      JOHNSTON ISLAND/PACIFIC IS      45-72      YEARS      11A MONTHS  
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)      C-100-0300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	65.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 20000	66.4	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
IV 18000	66.4	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
IV 16000	66.4	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
IV 14000	66.6	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 12000	68.5	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 10000	70.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 9000	72.6	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
IV 8000	74.4	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
IV 7000	75.6	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 6000	76.0	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
IV 5000	77.5	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	82.7	82.7
IV 4500	78.2	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
IV 4000	80.0	85.1	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
IV 3500	81.9	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
IV 3000	83.5	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 2500	85.0	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 2000	86.5	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	92.4	92.4
IV 1800	88.2	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1500	89.8	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1200	91.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1000	93.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 900	94.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	96.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	100.0	100.0	100.0	100.0	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 1264

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21902  
STATION

NUBATION ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

MONTH

FEB

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	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	55.0	58.5	56.5	50.5	58.5	56.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
IV 20000	57.0	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	60.6	60.6
IV 18000	57.3	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 16000	57.3	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 14000	58.4	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 12000	60.8	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
IV 10000	63.1	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	67.2
IV 9000	65.7	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
IV 8000	67.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 7000	68.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 6000	69.7	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 5000	70.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 4500	73.7	78.4	78.4	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
IV 4000	76.9	81.9	82.0	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
IV 3500	79.0	84.2	84.3	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 3000	81.2	86.6	86.8	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
IV 2500	84.7	89.9	90.0	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 2000	89.9	95.9	95.1	95.1	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1800	91.5	97.8	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1500	92.2	98.9	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	92.6	99.0	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	92.6	99.0	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	92.6	99.0	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	92.6	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	92.6	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	92.6	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	92.6	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	92.6	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	92.6	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	92.6	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	92.6	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	92.6	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1264

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AWC

# CEILING VERSUS VISIBILITY

21003  
STATION

JOHNSON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

6500-1100  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	60.1	63.4	63.5	63.5	63.5	63.5	63.5	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 20000	62.2	65.7	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
IV 18000	62.3	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 16000	62.7	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 14000	63.9	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 12000	66.2	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
IV 10000	70.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV 9000	71.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 8000	73.2	77.9	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
IV 7000	74.7	79.0	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
IV 6000	75.7	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
IV 5000	77.7	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	82.4	82.4
IV 4500	79.0	84.1	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
IV 4000	82.3	87.0	87.4	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 3500	83.1	87.9	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 3000	84.9	89.7	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 2500	87.5	92.4	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 2000	91.5	96.9	97.3	97.5	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9
IV 1800	92.3	98.0	98.4	98.6	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1500	92.5	98.3	98.7	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	92.6	98.4	98.9	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000	92.6	98.4	98.9	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	92.6	98.5	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	92.6	98.5	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	92.6	98.5	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	92.6	98.5	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	92.6	98.5	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	92.6	98.5	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	92.6	98.5	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	92.6	98.5	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	92.6	98.5	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	92.6	98.5	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1262

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

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/OAC

# CEILING VERSUS VISIBILITY

2102  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	61.9	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 20000	64.3	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
IV 18000	64.3	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 16000	64.7	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 14000	66.2	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 12000	69.2	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	73.3
IV 10000	71.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 9000	74.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 8000	75.9	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
IV 7000	76.9	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
IV 6000	77.1	81.5	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
IV 5000	79.4	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 4500	81.0	85.0	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
IV 4000	82.8	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 3500	84.1	88.8	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 3000	85.0	89.5	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 2500	87.7	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	92.9	92.9
IV 2000	88.2	97.6	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1800	93.0	98.4	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1500	93.4	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	93.4	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	93.4	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	93.4	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	93.4	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	93.4	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	93.4	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	93.4	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	93.4	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	93.4	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	93.4	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	93.4	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	93.4	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1200

ATA PROCESSING BRANCH  
 USAF ETAC  
 AIRCRAFT SERVICE/AC

# CEILING VERSUS VISIBILITY

21500  
 STATION

JOINT IN ISLAND/PACIFIC IS  
 STATION NAME

49-72  
 YEARS

114  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1506-1700  
 HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.16	≥.1	≥0
NO CEILING	64.4	65.1	68.1	68.1	68.1	64.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 20000	67.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 18000	67.0	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
IV 16000	67.1	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 14000	66.0	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
IV 12000	70.9	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 10000	72.7	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
IV 9000	73.7	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
IV 8000	75.0	80.6	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
IV 7000	76.7	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
IV 6000	77.1	81.8	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
IV 5000	79.6	84.3	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
IV 4500	80.8	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
IV 4000	82.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 3500	88.2	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	88.3
IV 3000	89.9	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 2500	92.5	92.4	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
IV 2000	97.2	97.4	97.7	97.8	97.9	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.2
IV 1800	98.2	98.3	98.5	98.7	98.7	98.7	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.1
IV 1500	98.2	98.9	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6
IV 1200	98.2	98.9	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6
IV 1000	98.2	99.0	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
IV 900	98.2	99.0	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
IV 800	98.2	99.0	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 700	98.2	99.0	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 600	98.2	99.0	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 500	98.2	99.0	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 400	98.2	99.0	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 300	98.2	99.0	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 200	98.2	99.0	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 100	98.2	99.0	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 0	98.2	99.0	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1264

2

DATA PROCESSING RANCH  
USAF ETAC  
AIR FEAT CD SERVICE/AC

# CEILING VERSUS VISIBILITY

STATION NAME  
UNDESIGNATED ISLAND/PACIFIC IS

YEARS  
49-72

FLH  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1,200-2000  
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	
≥ 20000	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	
IVM 18000	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	
16000	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	
IVM 14000	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	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	
IVM 10000	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	
9000	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	
IVM 8000	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	
7000	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	
IVM 6000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	
5000	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	
IVM 4500	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	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	
IVM 3500	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	
3000	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	
IVM 2500	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
2000	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	
IVM 1800	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
1500	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
IVM 1200	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
1000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
IVM 900	99.8	99.8	99.8	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	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
IVM 700	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
600	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
IVM 500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
400	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
IVM 300	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
IVM 150	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
100	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
IVM 50	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	

TOTAL NUMBER OF OBSERVATIONS 1200

21

DATA PROCESSING BRANCH  
USAF ETAC  
CIVIL ENGINEER SERVICE/ETAC

# CEILING VERSUS VISIBILITY

STATION: JOHNSTON ISLAND/PACIFIC IS YEARS: 49-72 MONTH: \_\_\_\_\_

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	70.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 20000	72.2	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
IV 18000	72.2	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
IV 16000	72.2	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
IV 14000	72.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 12000	72.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 10000	76.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 9000	77.5	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
IV 8000	79.0	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
IV 7000	79.9	84.4	84.4	84.4	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 6000	80.2	84.7	84.7	84.7	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 5000	81.3	86.0	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 4500	82.0	86.9	86.9	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 4000	84.0	88.8	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 3500	84.9	89.7	90.0	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 3000	86.1	91.1	91.5	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 2500	87.0	92.9	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 2000	91.0	92.7	97.2	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1800	91.0	98.0	98.5	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
IV 1500	92.0	98.4	99.0	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	92.1	98.7	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
IV 1000	92.1	98.7	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8
IV 900	92.1	98.7	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8
IV 800	92.1	98.8	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9
IV 700	92.1	98.8	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9
IV 600	92.1	98.8	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9
IV 500	92.1	98.8	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9
IV 400	92.1	98.8	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9
IV 300	92.1	98.8	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9
IV 200	92.1	98.8	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9
IV 100	92.1	98.8	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9
IV 0	92.1	98.8	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1264

DATA PROCESSING RANGE  
 USAF ETAC  
 AIR EATER SERVICE/AC

# CEILING VERSUS VISIBILITY

21003  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0000-9200  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	61.6	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 20000	62.5	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 18000	63.5	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 16000	64.2	68.1	68.1	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
IV 14000	64.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 12000	65.6	69.7	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
IV 10000	68.5	72.8	72.8	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
IV 9000	70.3	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 8000	71.5	75.8	75.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 7000	72.9	77.9	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
IV 6000	73.8	78.8	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
IV 5000	75.7	80.7	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
IV 4500	77.5	82.6	83.1	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
IV 4000	79.2	84.7	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
IV 3500	80.9	86.4	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 3000	82.1	87.6	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 2500	83.7	89.7	90.1	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
IV 2000	84.4	91.1	91.1	91.2	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 1800	85.8	92.4	92.7	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1500	86.6	93.8	94.2	94.5	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 1200	88.8	95.0	95.4	95.7	95.7	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1000	89.8	96.1	96.5	96.8	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 900	90.9	97.1	97.5	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 800	90.9	97.2	97.6	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 700	90.9	97.2	97.6	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 600	90.9	97.2	97.6	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 500	90.9	97.2	97.6	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 400	90.9	97.2	97.6	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 300	90.9	97.2	97.6	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 200	90.9	97.2	97.6	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 100	90.9	97.2	97.6	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 0	90.9	97.2	97.6	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 1421

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

YEARS

YEAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS U.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	64.5	64.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 20000	64.4	67.5	67.5	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
IV 18000	64.4	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 16000	64.4	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
IV 14000	65.1	69.4	69.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 12000	66.5	69.9	69.9	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
IV 10000	69.1	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 9000	70.9	74.9	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 8000	72.2	76.4	76.6	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
IV 7000	73.1	77.7	78.1	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 6000	73.8	78.9	78.9	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
IV 5000	75.2	80.3	80.9	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
IV 4500	76.7	81.6	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
IV 4000	78.8	84.1	84.8	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 3500	79.8	85.4	86.3	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
IV 3000	81.0	86.7	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 2500	83.3	89.0	89.9	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 2000	87.8	94.4	95.8	96.0	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1800	90.2	96.0	97.4	97.5	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1500	90.8	96.9	98.5	98.7	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1200	90.9	97.3	98.8	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	90.9	97.3	98.9	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	90.9	97.3	98.9	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	90.9	97.3	98.9	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	90.9	97.3	98.9	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	90.9	97.3	99.0	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	90.9	97.3	99.0	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	90.9	97.3	99.0	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	90.9	97.3	99.0	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	90.9	97.3	99.0	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	90.9	97.3	99.0	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	90.9	97.3	99.0	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1422

12

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EATING SERVICE/AC

# CEILING VERSUS VISIBILITY

21603  
STATION

JEFFERSON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

MONTH

0000-0900  
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	51.4	54.3	54.3	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
IV 20000	56.4	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
IV 18000	56.6	59.5	59.5	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
IV 16000	56.7	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
IV 14000	57.4	60.3	60.3	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
IV 12000	59.7	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 10000	63.0	66.5	66.5	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
IV 9000	65.6	69.2	69.2	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
IV 8000	66.0	71.6	71.6	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 7000	69.8	73.4	73.4	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 6000	70.4	74.2	74.2	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
IV 5000	73.2	77.1	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
IV 4500	75.0	79.1	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 4000	77.9	82.2	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
IV 3500	80.1	84.6	84.6	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
IV 3000	81.8	86.5	86.5	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
IV 2500	84.0	89.0	89.0	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 2000	88.0	93.2	93.2	94.1	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 1800	89.7	95.2	95.2	96.0	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1500	90.9	96.7	96.7	97.8	97.8	97.8	98.2	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1200	91.1	97.0	97.0	98.2	98.2	98.2	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	91.1	97.1	97.1	98.4	98.4	98.4	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	91.1	97.1	97.1	98.4	98.4	98.4	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 800	91.2	97.3	97.3	98.5	98.5	98.5	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	91.2	97.3	97.3	98.5	98.5	98.5	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	91.2	97.3	97.3	98.5	98.5	98.5	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	91.2	97.3	97.3	98.5	98.5	98.5	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	91.2	97.3	97.3	98.5	98.5	98.5	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	91.2	97.3	97.3	98.5	98.5	98.5	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	91.2	97.3	97.3	98.5	98.5	98.5	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	91.2	97.3	97.3	98.5	98.5	98.5	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	91.2	97.3	97.3	98.5	98.5	98.5	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 1423

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/TAC

# CEILING VERSUS VISIBILITY

STATION 21004 WASHINGTON ISLAND/PACIFIC IS STATION NAME 49-72 YEARS MONTH MAR 0900-1100 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	56.6	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 20000	61.8	64.8	64.9	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
IV 18000	62.0	65.0	65.1	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
IV 16000	62.4	65.4	65.5	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
IV 14000	63.6	66.7	66.8	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
IV 12000	65.3	68.7	68.7	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
IV 10000	69.0	72.6	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
IV 9000	72.2	75.9	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 8000	74.6	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
IV 7000	75.7	79.8	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	80.2
IV 6000	76.6	80.7	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 5000	78.9	83.3	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
IV 4500	79.8	84.2	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	84.8
IV 4000	81.9	86.7	87.1	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
IV 3500	85.5	88.3	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 3000	86.4	89.3	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 2500	86.4	91.4	91.8	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
IV 2000	90.1	95.4	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1800	90.9	96.4	97.3	97.5	97.6	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1500	91.5	97.3	98.2	98.6	98.7	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
IV 1200	91.5	97.5	98.4	98.8	98.9	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6
IV 1000	91.5	97.5	98.5	98.9	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
IV 900	91.5	97.5	98.5	98.9	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
IV 800	91.5	97.5	98.5	98.9	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
IV 700	91.5	97.5	98.5	98.9	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
IV 600	91.5	97.5	98.5	98.9	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
IV 500	91.5	97.5	98.5	98.9	99.0	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	91.5	97.5	98.5	98.9	99.0	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	91.5	97.5	98.5	98.9	99.0	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	91.5	97.5	98.5	98.9	99.0	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	91.5	97.5	98.5	98.9	99.0	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	91.5	97.5	98.5	98.9	99.0	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1423

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR EATER SERVICE/AC

# CEILING VERSUS VISIBILITY

21603  
 STATION

WESTON ISLAND PACIFIC IS  
 STATION NAME

49-72  
 YEARS

AK  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400  
 HOURS (LST)

CEILING - FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	67.4	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
IV 20000	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
IV 18000	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	67.7
IV 16000	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 14000	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 12000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 10000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 9000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 8000	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 7000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 6000	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 5000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 4500	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 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
IV 3500	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 3000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 2500	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 2000	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1800	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1200	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1424

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAO

# CEILING VERSUS VISIBILITY

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

YEARS

AR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1-06-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	56.9	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 18000 16000	63.0	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
IV 14000 12000	66.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 10000 9000	68.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 8000 7000	74.8	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
IV 6000 5000	76.7	81.4	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 4500 4000	78.9	84.4	84.4	84.4	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 3500 3000	81.4	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 2500 2000	85.4	91.9	91.9	91.9	91.9	91.9	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
IV 1800 1500	90.2	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
IV 1200 1000	90.6	97.7	97.7	97.7	97.7	97.7	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
IV 900 800	90.7	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
IV 700 600	90.7	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
IV 500 400	90.7	97.8	97.8	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
IV 300 200	90.7	97.8	97.8	97.8	97.8	97.8	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
IV 100 0	90.7	97.8	97.8	97.8	97.8	97.8	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS 1422

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/TAC

# CEILING VERSUS VISIBILITY

216000  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

YEARS

1-00-2000  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1-00-2000  
HOURS IN YEAR

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	59.3	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IV 20000	55.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 18000	65.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 16000	66.1	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
IV 14000	66.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 12000	68.1	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
IV 10000	70.0	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 9000	71.4	75.4	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 8000	73.3	77.5	77.6	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
IV 7000	73.9	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	78.3
IV 6000	74.5	78.7	78.9	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 5000	75.9	80.5	80.6	80.7	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 4500	76.6	81.6	81.8	81.8	81.8	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 4000	78.3	83.5	83.7	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 3500	80.1	85.3	85.6	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 3000	81.0	86.3	86.8	86.8	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 2500	83.2	88.5	89.0	89.1	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 2000	88.2	94.1	94.8	94.9	95.0	95.0	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1800	89.9	95.8	96.6	96.9	96.8	96.8	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1500	90.6	97.1	98.0	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
IV 1200	91.0	97.6	98.6	98.7	98.9	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	91.1	97.7	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	91.1	97.7	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	91.1	97.7	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	91.1	97.7	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	91.1	97.7	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	91.1	97.8	98.8	98.9	99.2	99.2	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	91.1	97.8	98.8	98.9	99.2	99.2	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	91.1	97.8	98.8	98.9	99.2	99.2	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	91.1	97.8	98.8	98.9	99.2	99.2	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	91.1	97.8	98.8	98.9	99.2	99.2	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	91.1	97.8	98.8	98.9	99.2	99.2	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1421

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

DATA PROCESSING FORMS

15787

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

21603  
STATION NO.

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

YEAR

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS U.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	66.0	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
≥ 20000	68.9	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
IV 18000	69.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV 16000	69.6	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
IV 14000	69.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 12000	71.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 10000	73.3	77.5	77.5	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
IV 9000	75.4	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 8000	76.5	80.8	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
IV 7000	77.7	82.0	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
IV 6000	78.2	82.8	83.2	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
IV 5000	79.4	84.0	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
IV 4500	80.1	85.0	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 4000	81.3	86.7	87.2	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 3500	83.0	88.5	88.9	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
IV 3000	83.8	89.4	89.9	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
IV 2500	85.8	91.5	92.0	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 2000	89.2	95.5	96.2	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1800	90.3	97.2	97.9	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1500	90.6	97.8	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	90.6	97.9	98.8	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	90.7	98.0	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	90.7	98.0	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	90.7	98.0	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	90.7	98.0	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	90.7	98.0	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	90.7	98.0	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	90.7	98.0	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	90.7	98.0	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	90.7	98.0	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	90.7	98.0	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	90.7	98.0	98.9	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1420

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

STATION

JUNOTEN ISLAND/PACIFIC IS

49-72

YEARS

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING	70.0	59.3	58.3	56.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 20000	66.0	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
IV 18000	66.1	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
IV 16000	66.7	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 14000	68.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IV 12000	61.2	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
IV 10000	65.8	74.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 9000	66.9	77.2	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
IV 8000	69.2	80.0	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
IV 7000	70.0	81.1	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
IV 6000	70.5	82.0	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	82.6
IV 5000	72.2	84.1	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
IV 4500	72.6	84.6	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3
IV 4000	73.7	85.8	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9
IV 3500	74.5	86.8	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0
IV 3000	75.6	88.0	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.2
IV 2500	75.9	89.8	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	91.1	91.1	91.1	91.1	91.1	91.1
IV 2000	80.9	95.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0
IV 1800	81.7	96.7	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.1	98.1	98.1	98.1	98.1	98.1
IV 1500	82.0	97.5	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0
IV 1200	82.1	97.6	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	82.2	97.7	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	82.2	97.7	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	82.2	97.7	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	82.2	97.7	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	82.2	97.7	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	82.2	97.7	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	82.2	97.7	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	82.2	97.7	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	82.2	97.7	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	82.2	97.7	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	82.2	97.7	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1375

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

DATA PROCESSING CORP

11/72

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR CENTER SERVICE AC

# CEILING VERSUS VISIBILITY

41004  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

99-72  
YEARS

YEARS

PER MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS U.S.T.

CEILING FEET.	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0.1	≥0
NO CEILING	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 20000	54.2	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
IV 18000	54.2	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
IV 16000	54.7	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 14000	57.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 12000	59.9	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
IV 10000	64.1	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 9000	65.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 8000	67.7	76.9	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
IV 7000	68.2	77.9	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 6000	69.1	79.4	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
IV 5000	71.0	81.5	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
IV 4500	71.0	82.4	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
IV 4000	72.5	83.3	84.6	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 3500	73.1	84.8	85.6	85.8	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 3000	74.9	85.7	86.5	86.6	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 2500	74.9	86.8	87.7	87.9	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 2000	79.9	93.2	94.1	94.4	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1800	81.0	95.6	96.7	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
IV 1500	81.0	96.8	98.2	98.5	98.9	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	81.9	97.1	98.5	98.9	99.3	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	81.9	97.1	98.5	98.9	99.3	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	81.9	97.2	98.7	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	81.9	97.3	98.8	99.1	99.3	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	81.9	97.3	98.8	99.1	99.3	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	81.9	97.3	98.8	99.1	99.3	99.3	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	81.9	97.3	98.8	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 400	81.9	97.3	98.8	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 300	81.9	97.3	98.8	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 200	81.9	97.3	98.8	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 100	81.9	97.3	98.8	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 0	81.9	97.3	98.8	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1376

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

ZICG3  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

YEARS

APP  
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	¾	¾	≥5/16	¼	≥0
NO CEILING	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
IV 20000	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 18000	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 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
IV 14000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 12000	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 10000	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 9000	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 8000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 7000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 6000	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 5000	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 4500	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 4000	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 3500	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 3000	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 2500	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 2000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1800	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 1500	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1200	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 900	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 800	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 700	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 600	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 500	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 400	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 300	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 200	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 100	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS 1377

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR FORCE SERVICE CENTER

# CEILING VERSUS VISIBILITY

STATION: JOHNSON ISLAND PACIFIC IS YEARS: 69-72 MONTH: \_\_\_\_\_  
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 0900-1100 HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0
NO CEILING	64.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 20000	64.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 18000	65.0	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 16000	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
IV 14000	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 12000	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 10000	72.1	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 9000	74.9	81.1	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
IV 8000	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	83.1	83.1
IV 7000	84.1	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	84.5
IV 6000	84.7	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 5000	87.1	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 4500	87.6	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 4000	88.7	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 3500	89.0	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 3000	89.9	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 2500	91.4	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 2000	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 1800	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 1500	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 1200	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 1000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 900	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 800	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 700	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 600	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 500	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 400	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 300	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 200	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 100	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6

TOTAL NUMBER OF OBSERVATIONS 1376

AU-A102 409 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 472  
JOHNSTON ISLAND, PACIFIC ISLAND, REVISED UNIFORM SUMMARY OF SWP--ETC(1)  
JUN 73  
UNCLASSIFIED USAFETAC/DS-81/071 S81E-AD-E850 0A1 ML

3 of 5  
At  
Albuquerque



2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

21002  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

PR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS U.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 ≥ 20000	43.8	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 18000 16000	58.0	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
IV 14000 12000	60.8	65.9	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
IV 10000 9000	68.4	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 8000 7000	71.8	77.8	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
IV 6000 5000	74.1	80.4	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
IV 4500 4000	77.1	83.7	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 3500 3000	79.2	86.0	86.8	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 2500 2000	81.8	88.8	89.6	89.7	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 1800 1500	89.4	97.4	98.5	98.8	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200 1000	89.4	97.4	98.5	98.8	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900 800	89.4	97.4	98.5	98.8	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700 600	89.4	97.4	98.5	98.8	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500 400	89.4	97.4	98.5	98.8	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300 200	89.4	97.4	98.5	98.8	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100 0	89.4	97.4	98.5	98.8	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 1377

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/CG

# CEILING VERSUS VISIBILITY

41222  
STATION

JOINT ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

1500-1700  
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	¾	¾	≥5/16	¾	≥0
NO CEILING	60.8	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
IV 20000	55.8	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
IV 18000	56.7	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
IV 16000	57.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 14000	59.9	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
IV 12000	63.2	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
IV 10000	68.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 9000	70.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 8000	73.1	78.8	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
IV 7000	74.1	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
IV 6000	74.4	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 5000	76.5	82.7	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
IV 4500	77.4	83.7	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
IV 4000	79.0	85.5	85.9	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
IV 3500	79.8	86.3	86.8	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
IV 3000	80.5	87.0	87.5	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
IV 2500	82.4	89.1	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
IV 2000	87.1	94.9	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1800	88.2	96.2	97.2	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
IV 1500	89.0	97.5	98.5	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IV 1200	89.0	97.8	98.7	98.9	99.1	99.1	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	89.4	97.8	99.0	99.2	99.4	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	89.2	97.8	99.0	99.2	99.4	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	89.2	97.8	99.0	99.2	99.4	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	89.2	97.8	99.0	99.2	99.4	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	89.2	97.8	99.0	99.2	99.4	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	89.2	97.8	99.0	99.2	99.4	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	89.2	97.8	99.0	99.2	99.4	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	89.2	97.8	99.0	99.2	99.4	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	89.2	97.8	99.0	99.2	99.4	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	89.2	97.8	99.0	99.2	99.4	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	89.2	97.8	99.0	99.2	99.4	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1377

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1600-2000  
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	43.0	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
IV 20000	55.8	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 18000	56.7	62.1	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
IV 16000	57.6	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
IV 14000	59.7	65.2	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
IV 12000	63.1	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
IV 10000	68.0	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 9000	68.9	75.1	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
IV 8000	71.1	77.6	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
IV 7000	72.2	78.9	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
IV 6000	73.2	80.2	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 5000	74.6	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
IV 4500	75.4	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 4000	76.6	84.0	84.5	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
IV 3500	77.7	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	86.1
IV 3000	78.4	86.2	86.8	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
IV 2500	80.4	88.7	89.3	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 2000	84.7	94.4	95.1	95.1	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1800	86.3	96.4	97.4	97.4	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1500	87.1	97.5	98.5	98.5	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	87.1	97.5	98.6	98.6	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	87.3	97.8	98.9	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	87.3	97.8	98.9	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	87.3	97.8	98.9	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	87.3	97.8	98.9	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	87.3	97.8	98.9	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	87.3	97.8	98.9	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	87.3	97.8	98.9	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	87.3	97.8	98.9	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	87.3	97.8	98.9	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	87.3	97.8	98.9	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	87.3	97.8	98.9	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1375

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR ENTER SERVICE/AC

# CEILING VERSUS VISIBILITY

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

30K  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS U.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	50.3	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
IV 20000	57.8	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
IV 18000	58.4	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
IV 16000	59.1	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
IV 14000	61.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 12000	64.1	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
IV 10000	68.2	78.0	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 9000	69.1	78.9	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
IV 8000	71.3	81.2	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	81.7
IV 7000	72.7	83.1	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
IV 6000	73.2	83.9	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
IV 5000	73.7	84.6	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
IV 4500	74.2	85.2	85.7	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 4000	75.3	86.6	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
IV 3500	76.0	87.7	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 3000	76.6	88.5	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 2500	78.2	90.3	91.2	91.2	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 2000	81.6	95.3	96.1	96.1	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1800	82.6	95.9	97.7	97.7	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1600	82.9	97.5	98.4	98.5	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1200	83.1	97.7	98.7	98.8	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1000	83.3	97.9	98.9	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	83.3	97.9	98.9	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	83.3	97.9	98.9	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	83.3	97.9	98.9	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	83.3	98.0	99.0	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	83.3	98.0	99.0	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	83.3	98.0	99.0	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	83.3	98.0	99.0	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	83.3	98.0	99.0	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	83.3	98.0	99.0	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	83.3	98.0	99.0	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1374

DATA PROCESSING MARCH  
 USAF ETAC  
 AIR EATER SERVICE

# CEILING VERSUS VISIBILITY

21803  
 STATION

JOHNSTON ISLAND/PACIFIC IS  
 STATION NAME

49-72

YEARS

DAY

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	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	52.7	58.3	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
IV 20000	60.3	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	67.3
IV 18000	60.7	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 16000	61.3	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
IV 14000	64.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 12000	68.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 10000	72.4	80.0	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
IV 9000	73.6	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
IV 8000	75.0	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
IV 7000	75.5	82.3	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
IV 6000	76.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 5000	77.9	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	86.3
IV 4500	78.3	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	87.0
IV 4000	79.2	88.1	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 3500	80.5	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 3000	81.1	90.3	90.4	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 2500	83.0	92.4	92.4	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 2000	86.4	96.3	96.4	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
IV 1800	87.3	97.3	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1
IV 1500	87.9	98.2	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
IV 1200	88.1	98.3	98.7	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	88.1	98.3	98.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
IV 900	88.1	98.4	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
IV 800	88.1	98.4	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
IV 700	88.1	98.4	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
IV 600	88.1	98.4	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
IV 500	88.1	98.4	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0
IV 400	88.1	98.4	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0
IV 300	88.1	98.4	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0
IV 200	88.1	98.4	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0
IV 100	88.1	98.4	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0
IV 0	88.1	98.4	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1426

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/PAC

# CEILING VERSUS VISIBILITY

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS.  
STATION NAME

49-72  
YEARS

YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0100-0500  
HOURS ILST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	51.2	56.4	50.4	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
IV 20000	60.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 18000	60.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 16000	61.6	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
IV 14000	64.5	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	71.2	71.2
IV 12000	67.7	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 10000	71.9	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
IV 9000	72.8	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
IV 8000	74.4	81.7	81.8	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
IV 7000	74.7	82.0	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
IV 6000	75.3	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
IV 5000	77.1	84.9	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
IV 4500	78.0	86.2	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
IV 4000	78.9	87.2	87.5	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
IV 3500	79.9	88.6	89.0	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 3000	80.5	89.4	89.8	89.8	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 2500	82.5	91.5	91.9	91.9	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 2000	85.8	95.4	95.9	96.1	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1800	86.7	96.8	97.3	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1500	87.4	97.7	98.4	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1200	87.4	97.8	98.5	98.7	98.9	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1000	87.4	97.8	98.7	99.0	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	87.4	97.8	98.7	99.0	99.5	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	87.4	97.8	98.7	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	87.4	97.8	98.7	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	87.4	97.8	98.7	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	87.4	97.8	98.7	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	87.4	97.8	98.7	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	87.4	97.8	98.7	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	87.4	97.8	98.7	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	87.4	97.8	98.7	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	87.4	97.8	98.7	99.0	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1425

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EATER SERVICE/ACC

# CEILING VERSUS VISIBILITY

21600  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

YEARS

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	≥½	≥⅓	≥¼	≥0	
NO CEILING ≥ 20000	41.4	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
IV 18000 IV 16000	57.9	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
IV 14000 IV 12000	61.6	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
IV 10000 IV 9000	69.4	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 8000 IV 7000	73.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 6000 IV 5000	76.0	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
IV 4500 IV 4000	79.7	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 3500 IV 3000	81.2	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 2500 IV 2000	84.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 1800 IV 1500	89.8	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
IV 1200 IV 1000	91.0	98.9	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900 IV 800	91.0	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 700 IV 600	91.0	98.9	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 500 IV 400	91.0	98.9	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 300 IV 200	91.0	98.9	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0
IV 100 IV 0	91.0	98.9	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1426

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

MONTH

DAY

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	¾	¾	¾	¾	≥0
NO CEILING	54.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 20000	54.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 18000	69.8	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
IV 16000	69.8	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
IV 14000	72.9	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 12000	72.9	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 10000	76.6	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
IV 9000	76.6	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
IV 8000	80.3	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 7000	80.3	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 6000	83.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 5000	83.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 4500	87.4	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 4000	87.4	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 3500	90.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 3000	90.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 2500	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 2000	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1800	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1500	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1200	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1000	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 900	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 800	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 700	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 600	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 500	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 400	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 300	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 200	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 100	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3

TOTAL NUMBER OF OBSERVATIONS 1423

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR MATER SERVICE/AC

# CEILING VERSUS VISIBILITY

21633  
 STATION

JULIEST N ISLAND/PACIFIC IS  
 STATION NAME

49-72  
 YEARS

YEARS

AY  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
 HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	46.0	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
IV 20000	68.7	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	68.7
IV 18000	69.7	69.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 16000	64.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 14000	68.0	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
IV 12000	72.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 10000	76.4	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	82.6
IV 9000	78.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 8000	79.6	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
IV 7000	80.2	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	86.5	86.5
IV 6000	80.7	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 5000	82.7	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 4500	83.2	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	90.0
IV 4000	83.7	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 3500	84.2	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
IV 3000	84.5	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 2500	86.3	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 2000	90.0	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1800	90.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1500	91.4	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	91.4	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1000	91.4	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	91.4	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	91.4	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	91.4	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	91.4	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	91.4	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	91.4	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	91.4	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	91.4	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	91.4	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	91.4	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

1426

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAAC

# CEILING VERSUS VISIBILITY

21603  
STATION

JUNOTON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

YEARS

1 DAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	42.5	43.6	45.0	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 20000	49.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 18000	50.4	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 16000	61.6	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
IV 14000	64.2	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
IV 12000	68.7	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	73.8
IV 10000	73.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 9000	75.2	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	80.5	80.5
IV 8000	77.3	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
IV 7000	78.1	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
IV 6000	78.8	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
IV 5000	81.0	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
IV 4500	81.3	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
IV 4000	82.7	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 3500	83.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 3000	83.8	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 2500	85.8	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 2000	89.1	93.9	96.2	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
IV 1800	90.1	97.3	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1500	91.0	98.4	98.6	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	91.0	98.5	98.9	99.0	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
IV 1000	91.0	98.6	99.0	99.1	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8
IV 900	91.0	98.6	99.0	99.1	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8
IV 800	91.0	98.6	99.0	99.1	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8
IV 700	91.0	98.6	99.0	99.2	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 600	91.0	98.6	99.0	99.2	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 500	91.0	98.6	99.0	99.2	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 400	91.0	98.6	99.0	99.2	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 300	91.0	98.6	99.0	99.2	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
IV 200	91.0	98.6	99.0	99.2	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
IV 100	91.0	98.6	99.0	99.2	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
IV 0	91.0	98.6	99.0	99.2	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1440

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EATER SERVICE/AC

# CEILING VERSUS VISIBILITY

21604  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-74  
YEARS

YEARS

12  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1900-2000  
HOURS TEST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING	43.0	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	59.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 18000	59.7	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
IV 16000	61.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 14000	64.1	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
IV 12000	68.1	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 10000	72.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 9000	73.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 8000	75.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0
IV 7000	76.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2
IV 6000	77.9	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	84.2	84.2
IV 5000	79.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4
IV 4500	80.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8
IV 4000	81.0	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 3500	81.8	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6
IV 3000	82.9	89.7	89.7	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
IV 2500	84.9	91.7	91.8	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
IV 2000	86.5	93.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2
IV 1900	88.0	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1500	90.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3
IV 1200	90.9	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
IV 1000	90.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6
IV 900	90.9	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 800	90.9	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 700	90.9	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 600	90.9	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 500	90.9	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 400	90.9	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 300	90.9	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 200	90.9	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 100	90.9	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 0	90.9	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1426

DATA PROCESSING FORMS 13787

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR EATER SERVICE/AC

# CEILING VERSUS VISIBILITY

21603  
STATION

UNIT OF ISLAND PACIFIC IS  
STATION NAME

49-72  
YEARS

YEARS

1Y  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5-16	¾	≥0
NO CEILING	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 20000	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 18000	62.6	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 16000	63.6	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
IV 14000	67.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 12000	70.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 10000	74.4	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
IV 9000	75.9	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
IV 8000	77.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 7000	78.5	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 6000	79.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 5000	80.1	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 4500	84.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 4000	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 3500	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 3000	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 2500	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 2000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1800	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1426

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

STATION: **21001 JOHNSTON ISLAND/PACIFIC IS** YEARS: **49-72**  
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 0006-9200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0.1	≥0
NO CEILING	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 20000	76.8	76.8	76.8	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 18000	76.8	76.8	77.1	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
IV 16000	77.1	77.1	77.3	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 14000	78.2	78.2	78.4	78.4	78.4	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 12000	79.5	79.5	79.7	79.7	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 10000	82.3	82.3	82.6	82.6	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 9000	83.1	83.1	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 8000	85.3	85.3	85.5	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 7000	85.7	85.7	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 6000	85.7	85.7	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 5000	87.0	87.0	87.3	87.3	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 4500	87.9	87.9	88.1	88.1	88.1	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 4000	88.9	88.9	89.1	89.1	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 3500	89.8	89.8	90.0	90.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 3000	90.5	90.5	90.7	90.7	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 2500	93.1	93.1	93.3	93.3	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 2000	96.0	96.0	96.3	96.3	96.3	96.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1800	97.3	97.3	97.6	97.6	97.6	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1500	97.7	97.7	98.3	98.3	98.3	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	97.7	97.7	98.3	98.3	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1000	97.7	97.7	98.3	98.3	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	97.7	97.7	98.3	98.3	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	97.7	97.7	98.3	98.3	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	97.7	97.7	98.4	98.4	98.4	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	97.7	97.7	98.4	98.4	98.4	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	97.7	97.7	98.4	98.4	98.4	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	97.7	97.7	98.4	98.4	98.4	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 300	97.7	97.7	98.4	98.4	98.4	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 200	97.7	97.7	98.4	98.4	98.4	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 100	97.7	97.7	98.4	98.4	98.4	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	97.7	97.7	98.4	98.4	98.4	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS **1382**

2

DATA PROCESSING CENTER  
USAF ETAC  
AIR WEATHER SERVICE

# CEILING VERSUS VISIBILITY

01803 STATION JUNNOR ISLAND/PACIFIC IS 49-72 YEARS MONTH  
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 0100-0500 HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING	65.8	66.1	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
IV 20000	65.5	72.9	73.0	73.2	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 18000	65.8	73.3	73.4	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 16000	65.9	73.4	73.5	73.7	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 14000	67.0	74.8	75.0	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 12000	67.7	75.6	75.9	76.0	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 10000	71.2	79.3	79.5	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 9000	71.5	79.7	79.9	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 8000	73.5	81.8	82.0	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 7000	74.4	82.7	82.9	83.1	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 6000	74.7	83.1	83.2	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 5000	77.1	85.8	86.0	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 4500	77.8	86.7	86.9	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 4000	79.5	88.4	88.6	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 3500	79.8	88.8	89.0	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 3000	80.4	89.4	89.6	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 2500	92.9	92.0	92.3	92.5	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 2000	96.2	95.9	96.3	96.7	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1800	97.2	97.4	97.8	98.1	98.4	98.4	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1500	97.5	97.8	98.2	98.6	98.8	98.8	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	97.5	97.9	98.3	98.6	98.9	98.9	99.2	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	97.5	98.0	98.3	98.8	99.1	99.1	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	97.5	98.0	98.3	98.8	99.1	99.1	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	97.5	98.0	98.3	98.8	99.1	99.1	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	97.5	98.0	98.3	98.8	99.1	99.1	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	97.5	98.0	98.3	98.8	99.1	99.1	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	97.5	98.0	98.3	98.8	99.1	99.1	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	97.5	98.0	98.3	98.8	99.1	99.1	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	97.5	98.0	98.3	98.8	99.1	99.1	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	97.5	98.0	98.3	98.8	99.1	99.1	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	97.5	98.0	98.3	98.8	99.1	99.1	99.3	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	97.5	98.0	98.3	98.8	99.1	99.1	99.3	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1342

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AAC

# CEILING VERSUS VISIBILITY

21600

JOHNSTON ISLAND/PACIFIC IS

49-72

YEARS

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0700  
HOURS - 1 ST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.5	53.7	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
IV 20000	63.4	69.0	69.0	68.0	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
IV 18000	63.8	68.5	68.5	68.5	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 16000	64.3	69.0	69.0	69.0	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV 14000	64.8	69.9	69.9	69.9	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 12000	66.9	72.1	72.1	72.1	72.1	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 10000	70.5	76.3	76.3	76.3	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 9000	71.5	77.2	77.2	77.2	77.2	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 8000	73.4	79.1	79.1	79.1	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 7000	75.1	80.9	80.9	80.9	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 6000	76.0	81.9	81.9	81.9	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 5000	78.1	85.1	85.2	85.2	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 4500	79.6	86.6	86.7	86.7	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 4000	80.8	88.0	88.1	88.1	88.1	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 3500	81.7	88.9	89.0	89.0	89.0	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 3000	82.9	90.2	90.4	90.4	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 2500	84.7	92.0	92.2	92.2	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 2000	88.1	95.1	96.2	96.2	96.3	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1800	88.9	97.4	97.5	97.5	97.6	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1500	89.9	98.3	98.5	98.5	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1200	89.9	98.5	98.8	98.8	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	89.9	98.5	98.8	98.8	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	89.9	98.5	98.8	98.8	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	89.9	98.5	98.8	98.8	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	89.9	98.5	98.8	98.8	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	89.9	98.5	98.8	98.8	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	89.9	98.5	98.8	98.8	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	89.9	98.5	98.8	98.8	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	89.9	98.5	98.8	98.8	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	89.9	98.5	98.8	98.8	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	89.9	98.5	98.8	98.8	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	89.9	98.5	98.8	98.8	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1342

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

DATA PROCESSING (FORM)

11-77

2

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR EATER SERVICE/PAC

# CEILING VERSUS VISIBILITY

41503  
 STATION

GUANTANAMO ISLAND/PACIFIC IS  
 STATION NAME

49-72

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0200-1100  
 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0.1	≥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
IV 20000	68.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 18000	68.6	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
IV 16000	69.1	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 14000	69.3	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
IV 12000	71.1	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
IV 10000	74.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 9000	76.4	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
IV 8000	79.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 7000	80.2	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 6000	80.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 5000	81.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 4500	82.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 4000	83.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 3500	84.5	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 3000	85.5	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 2500	86.9	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 2000	87.3	97.0	97.0	97.0	97.2	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1800	90.4	98.3	98.5	98.5	98.7	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1500	90.7	98.7	98.8	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	90.7	98.7	98.8	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	90.7	98.7	98.8	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	90.7	98.7	98.8	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	90.7	98.7	98.8	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	90.7	98.7	98.8	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	90.7	98.7	98.8	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	90.7	98.7	98.8	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	90.7	98.7	98.8	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	90.7	98.7	98.8	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	90.7	98.7	98.8	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	90.7	98.7	98.8	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	90.7	98.7	98.8	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1240

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

DATA PROCESSING FORM

FORM

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS LT ST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	55.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 20000	71.6	74.9	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
IV 18000	71.9	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
IV 16000	72.2	77.7	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
IV 14000	73.1	78.4	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
IV 12000	73.9	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 10000	76.2	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
IV 9000	77.2	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	83.3
IV 8000	78.8	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	85.2
IV 7000	79.7	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	86.1	86.1
IV 6000	80.1	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	86.6
IV 5000	81.0	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 4500	81.5	88.1	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 4000	82.8	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 3500	83.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 3000	84.0	90.9	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
IV 2500	85.2	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 2000	89.6	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1800	90.4	97.7	98.0	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1500	90.7	98.0	98.3	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	90.7	98.0	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000	90.7	98.0	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 900	90.7	98.0	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	90.7	98.0	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700	90.7	98.0	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	90.7	98.0	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 500	90.7	98.0	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 400	90.7	98.0	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 300	90.7	98.0	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 200	90.7	98.0	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 100	90.7	98.0	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 0	90.7	98.0	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS

1361

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIP EATER SERVICE/AC

# CEILING VERSUS VISIBILITY

21603 STATION      JOHNSTON ISLAND/PACIFIC IS      49-72      YEARS      MONTH

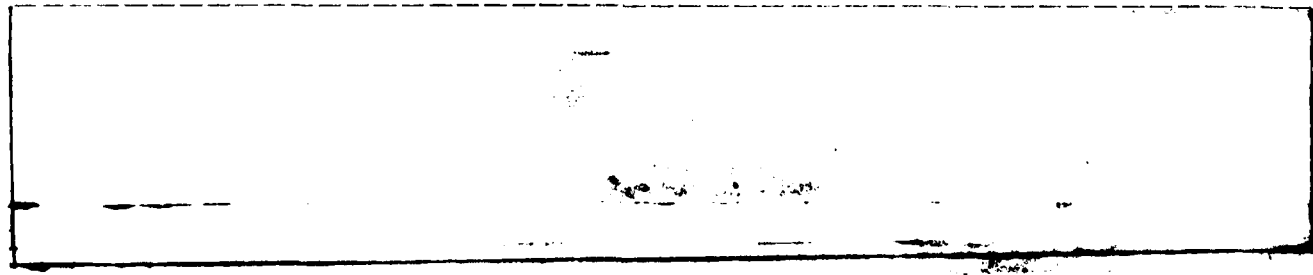
PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1506-1700  
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	74.7	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
≥ 20000	69.8	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 18000	70.0	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000	70.3	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 14000	70.7	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	76.3
≥ 12000	72.1	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
IV 10000	74.8	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 9000	75.8	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
IV 8000	78.4	84.5	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
≥ 7000	79.4	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	85.7
IV 6000	79.6	85.7	85.7	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
≥ 5000	81.0	87.5	87.5	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
IV 4500	81.1	88.1	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4000	82.4	89.4	89.4	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
IV 3500	83.1	90.4	90.4	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3000	83.6	90.7	90.7	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 2500	86.2	93.3	93.3	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	89.3	97.2	97.3	97.5	97.7	97.7	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1800	90.0	98.0	98.2	98.4	98.6	98.6	98.6	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	90.2	98.3	98.4	98.6	98.9	98.9	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	90.2	98.3	98.4	98.7	99.0	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	90.2	98.3	98.4	98.7	99.0	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	90.2	98.3	98.4	98.7	99.0	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	90.2	98.3	98.4	98.7	99.0	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	90.2	98.3	98.4	98.7	99.0	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	90.2	98.3	98.4	98.7	99.0	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	90.2	98.3	98.4	98.7	99.0	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	90.2	98.3	98.4	98.7	99.0	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	90.2	98.3	98.4	98.7	99.0	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	90.2	98.3	98.4	98.7	99.0	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	90.2	98.3	98.4	98.7	99.0	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.2	98.3	98.4	98.7	99.0	99.0	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS      1387

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



2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21003  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

49-72  
YEARS

YEARS

JUN  
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	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	54.5	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 ≥ 18000 16000	69.9	74.9	74.9	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV ≥ 14000 12000	70.2	75.0	75.0	75.3	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV ≥ 10000 9000	74.8	80.7	80.7	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV ≥ 8000 7000	77.7	84.1	84.1	84.3	84.5	84.5	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7
IV ≥ 6000 5000	79.0	85.5	85.5	85.8	85.9	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV ≥ 4500 4000	80.4	87.5	87.5	87.7	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV ≥ 3500 3000	81.0	88.8	88.8	89.1	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV ≥ 2500 2000	85.0	92.3	92.3	92.6	92.8	92.8	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV ≥ 1800 1500	89.3	97.1	97.1	97.9	98.2	98.2	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV ≥ 1200 1000	89.7	97.7	97.7	98.5	98.8	98.8	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV ≥ 900 800	89.7	97.8	97.8	98.6	98.8	98.8	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV ≥ 700 600	89.7	97.8	97.8	98.6	98.8	98.8	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 500 400	89.7	97.8	97.8	98.6	98.8	98.8	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV ≥ 300 200	89.7	97.8	97.8	98.6	98.8	98.8	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV ≥ 100 0	89.7	97.8	97.8	98.6	98.8	98.8	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1344

DATA PROCESSING FORMS 15-57

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EATER SERVICE/AC

# CEILING VERSUS VISIBILITY

21603 STATION WASHINGTON ISLAND PACIFIC IS 49-72 YEARS MONTH 2100-2300 HOURS TEST

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	55.7	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
IV 20000	73.0	79.9	79.9	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 18000	73.0	79.9	79.9	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 16000	73.2	80.1	80.1	80.3	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 14000	74.1	81.1	81.1	81.3	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 12000	75.1	82.2	82.2	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 10000	77.8	85.1	85.2	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 9000	79.0	86.4	86.5	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 8000	81.0	88.6	88.7	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 7000	81.2	89.2	89.3	89.5	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 6000	81.8	89.4	89.5	89.7	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 5000	82.4	90.2	90.2	90.4	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 4500	83.3	91.1	91.2	91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 4000	83.7	91.5	91.7	91.9	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 3500	84.3	92.3	92.4	92.6	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 3000	84.8	92.8	93.0	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 2500	86.2	94.4	94.6	94.8	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 2000	87.8	96.5	96.7	96.9	97.2	97.2	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1800	88.0	97.5	97.8	98.3	98.6	98.6	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1500	88.6	97.7	98.3	98.7	99.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	88.6	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	88.6	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	88.6	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	88.6	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	88.6	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	88.6	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	88.6	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	88.6	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	88.6	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	88.6	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	88.6	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	88.6	97.8	98.4	98.8	99.3	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1381

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

21000  
STATION

WINSTON ISLAND/PACIFIC IS  
STATION NAME

45-71  
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS U.S.T.

CEILING FEET:	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	70.7	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 20000	76.0	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	82.3
IV ≥ 18000	76.0	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
IV ≥ 16000	78.0	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
IV ≥ 14000	78.3	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
IV ≥ 12000	80.1	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	84.5
IV ≥ 10000	82.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV ≥ 9000	83.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV ≥ 8000	84.6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV ≥ 7000	85.3	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV ≥ 6000	85.5	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV ≥ 5000	86.0	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV ≥ 4500	86.4	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV ≥ 4000	86.7	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV ≥ 3500	87.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV ≥ 3000	87.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV ≥ 2500	89.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV ≥ 2000	92.3	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV ≥ 1800	93.2	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV ≥ 1500	93.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV ≥ 1200	93.4	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV ≥ 1000	93.4	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV ≥ 900	93.4	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV ≥ 800	93.4	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV ≥ 700	93.4	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV ≥ 600	93.4	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV ≥ 500	93.4	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV ≥ 400	93.4	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV ≥ 300	93.4	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV ≥ 200	93.4	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV ≥ 100	93.4	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV ≥ 0	93.4	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1540

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

21603  
STATION

MINISTEN ISLAND/PACIFIC IS  
STATION NAME

48-71  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0200-0500  
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0
NO CEILING	66.7	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
IV 20000	75.0	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
IV 18000	75.1	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
IV 16000	75.3	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 14000	75.9	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
IV 12000	76.9	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
IV 10000	78.9	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
IV 9000	79.7	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
IV 8000	80.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 7000	81.6	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
IV 6000	81.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 5000	82.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 4500	83.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 4000	85.0	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 3500	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 3000	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 2500	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 2000	91.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1800	92.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1500	93.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	93.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	93.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	93.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	93.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	93.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	93.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	93.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	93.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	93.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	93.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	93.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	93.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1524

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AVOC

# CEILING VERSUS VISIBILITY

24605  
STATION

JUNISTON ISLAND/PACIFIC IS  
STATION NAME

48-71  
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0400-0800  
HOURS TEST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	54.1	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
≥ 20000	59.0	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	72.1
IV 18000	69.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 16000	70.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 14000	71.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 12000	72.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 10000	75.1	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
IV 9000	77.7	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
IV 8000	79.9	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
IV 7000	82.2	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 6000	82.6	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	86.7
IV 5000	83.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 4500	83.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 4000	84.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 3500	85.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2
IV 3000	85.9	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 2500	87.8	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
IV 2000	91.0	97.1	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1800	92.5	98.0	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1500	93.2	98.8	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	93.2	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	93.2	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	93.2	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	93.2	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	93.2	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	93.2	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	93.2	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	93.2	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	93.2	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	93.2	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	93.2	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	93.2	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1521

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

13182 DATA PROCESSING UNIT (HMS)

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

21674

ROBINSON ISLAND/PACIFIC IS

48-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1400-1100  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	57.4	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	
≥ 20000	73.0	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	
IV 18000	73.0	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	
IV 16000	73.0	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	
IV 14000	74.0	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	
IV 12000	76.3	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	80.1	
IV 10000	79.3	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	83.2	
IV 9000	80.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	
IV 8000	83.3	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	
IV 7000	84.6	88.0	88.0	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
IV 6000	84.9	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	
IV 5000	86.2	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8	
IV 4500	86.7	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	91.3	
IV 4000	87.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	
IV 3500	87.8	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5	
IV 3000	88.5	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	
IV 2500	90.1	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	
IV 2000	92.6	97.8	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	
IV 1800	93.0	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	
IV 1500	93.6	99.1	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	
IV 1200	93.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	
IV 1000	93.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	
IV 900	93.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	
IV 800	93.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	
IV 700	93.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	
IV 600	93.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	
IV 500	93.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	
IV 400	93.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	
IV 300	93.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	
IV 200	93.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	
IV 100	93.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	
IV 0	93.7	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 1510

DATA PROCESSING FORMS

14-47

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EAT BR BRVICK/AC

# CEILING VERSUS VISIBILITY

21003  
STATION

JEANSTON ISLAND/PACIFIC IS  
STATION NAME

68-71  
YEARS

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0.1	≥0
NO CEILING	55.7	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 20000	71.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 18000	71.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 16000	72.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 14000	73.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 12000	73.3	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
IV 10000	79.2	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 9000	80.3	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
IV 8000	82.7	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 7000	83.6	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 6000	84.1	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 5000	84.8	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 4500	85.3	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 4000	85.8	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 3500	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 3000	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 2500	91.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 2000	92.0	97.3	97.4	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1800	93.3	98.0	98.2	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1500	93.9	99.0	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	94.1	99.2	99.5	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	94.1	99.2	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	94.1	99.2	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	94.1	99.2	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	94.1	99.2	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	94.1	99.2	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	94.1	99.2	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	94.1	99.2	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	94.1	99.2	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	94.1	99.2	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	94.1	99.2	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	94.1	99.2	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

1520

USAF ETAC

FORM JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/OAC

# CEILING VERSUS VISIBILITY

41004  
STATION

LEWIS ISLAND/PACIFIC IS  
STATION NAME

48-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LT)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	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	
IV 20000	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	
IV 18000	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	
IV 16000	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	
IV 14000	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	
IV 12000	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	
IV 10000	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	
IV 9000	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	
IV 8000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	
IV 7000	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	
IV 6000	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
IV 5000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	
IV 4500	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	
IV 4000	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	
IV 3500	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	
IV 3000	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	
IV 2500	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
IV 2000	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
IV 1800	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
IV 1500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
IV 1200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
IV 1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
IV 900	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
IV 800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
IV 700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
IV 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
IV 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
IV 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
IV 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
IV 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
IV 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
IV 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	

TOTAL NUMBER OF OBSERVATIONS

1318

2

DATA PROCESSING BRANCH  
USAF ETAC  
412 HEATHS SERVICE/DC

# CEILING VERSUS VISIBILITY

21803  
STATION

GUANTANAMO ISLAND/PACIFIC IS  
STATION NAME

45-71

YEARS

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	≥1½	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	56.5	59.7	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
IV 20000	72.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 18000	72.5	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 16000	72.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 14000	73.8	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 12000	76.3	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
IV 10000	79.6	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
IV 9000	80.5	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	84.5	84.5
IV 8000	81.8	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 7000	82.6	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	87.2	87.2
IV 6000	83.2	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 5000	84.5	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 4500	84.9	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 4000	85.6	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	90.1	90.1
IV 3500	86.1	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 3000	86.4	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 2500	86.5	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 2000	87.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1800	88.5	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1500	89.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1200	94.3	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	94.3	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	94.3	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	94.3	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	94.3	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	94.3	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	94.3	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	94.3	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	94.3	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	94.3	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	94.3	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	94.3	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1521

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/ AC

# CEILING VERSUS VISIBILITY

21003  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

48-71  
YEARS

YEARS

MONTH

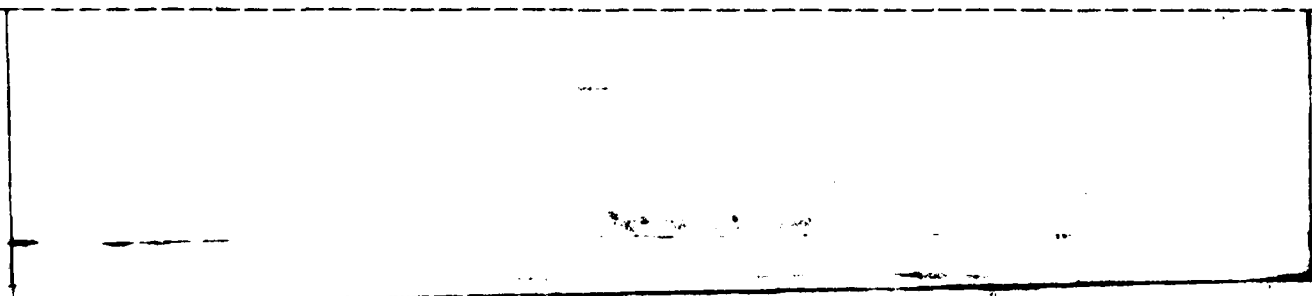
PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	78.2	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 20000	77.4	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
IVN 18000	77.5	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	81.6
IVN 16000	77.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IVN 14000	78.5	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
IVN 12000	80.7	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	84.9
IVN 10000	82.4	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
IVN 9000	83.2	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IVN 8000	84.3	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IVN 7000	85.1	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	89.8	89.8
IVN 6000	85.5	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IVN 5000	86.4	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IVN 4500	87.1	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	92.0
IVN 4000	87.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IVN 3500	87.6	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IVN 3000	87.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IVN 2500	89.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IVN 2000	92.5	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IVN 1800	93.1	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IVN 1500	93.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVN 1200	93.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVN 1000	93.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVN 900	93.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVN 800	93.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVN 700	93.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVN 600	93.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVN 500	93.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVN 400	93.6	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVN 300	93.6	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVN 200	93.6	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVN 100	93.6	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IVN 0	93.6	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1916

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



2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AAC

# CEILING VERSUS VISIBILITY

21693  
STATION

JUNISTON ISLAND/PACIFIC IS  
STATION NAME

48-71  
YEARS

MONTH

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥3/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	63.6	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
≥ 20000	74.2	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
IV 18000	74.7	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
IV 16000	74.7	77.1	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
IV 14000	75.7	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
IV 12000	77.2	81.9	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
IV 10000	79.8	83.5	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
IV 9000	79.8	84.3	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 8000	81.6	85.3	86.4	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 7000	82.8	87.5	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 6000	83.0	88.0	88.1	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 5000	83.9	88.9	89.0	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 4500	84.2	89.2	89.3	89.3	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 4000	84.8	89.8	90.1	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 3500	85.2	90.3	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 3000	85.7	90.8	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 2500	86.7	91.9	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 2000	86.7	90.1	90.4	90.5	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 1800	87.7	91.5	91.8	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
IV 1500	88.0	92.3	92.7	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1200	88.0	92.3	92.7	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1000	88.0	92.3	92.7	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 900	88.0	92.3	92.7	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 800	88.0	92.3	92.7	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 700	88.0	92.3	92.7	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 600	88.0	92.3	92.7	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 500	88.0	92.3	92.7	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 400	88.0	92.3	92.7	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 300	88.0	92.3	92.7	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 200	88.0	92.3	92.7	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 100	88.0	92.3	92.7	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 0	88.0	92.3	92.7	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1526

2

DATA PROCESSING CENTER  
USAF ETAC  
AIR FATER SERVICE/INC

# CEILING VERSUS VISIBILITY

218013  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

48-71

YEARS

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	≥½	≥5/16	≥¼	≥0	
NO CEILING	64.2	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
IV 20000	72.5	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
IV 18000	73.0	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 16000	73.0	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 14000	73.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 12000	75.9	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 10000	77.5	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
IV 9000	78.2	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
IV 8000	80.1	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 7000	81.8	86.7	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
IV 6000	82.3	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
IV 5000	83.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 4500	83.9	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 4000	84.8	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 3500	85.4	90.8	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 3000	85.8	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 2500	86.8	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 2000	89.8	96.6	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1800	92.2	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1500	92.3	98.3	98.9	98.9	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	92.8	98.5	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1000	92.3	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	92.3	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 800	92.3	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	92.3	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	92.3	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	92.3	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	92.3	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	92.3	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	92.3	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	92.3	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	92.3	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1527

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21603  
STATION

JOHNSTEN ISLAND/PACIFIC IS  
STATION NAME

48-71  
YEARS

YEARS

1-6  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS-UT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	53.4	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
IV 20000	69.3	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 18000	69.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 16000	69.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 14000	70.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 12000	73.1	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
IV 10000	75.9	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
IV 9000	77.0	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
IV 8000	79.2	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
IV 7000	80.4	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
IV 6000	81.3	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
IV 5000	82.9	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
IV 4500	83.4	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 4000	84.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 3500	85.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 3000	85.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 2500	87.5	91.8	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
IV 2000	90.9	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1800	91.9	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1500	92.8	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	92.9	98.4	98.8	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	92.9	98.4	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 900	92.9	98.4	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	92.9	98.4	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	92.9	98.4	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	92.9	98.4	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	92.9	98.4	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	92.9	98.4	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	92.9	98.4	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	92.9	98.4	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	92.9	98.4	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	92.9	98.4	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

1512

DATA PROCESSING MANUAL  
 USAF ETAC  
 AIR EATER SERVICE

# CEILING VERSUS VISIBILITY

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

44-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS CST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	55.2	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
IV 20000	72.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 18000	72.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 16000	73.1	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
IV 14000	75.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 12000	77.0	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
IV 10000	80.6	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 9000	81.5	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
IV 8000	83.9	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 7000	84.7	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
IV 6000	85.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 5000	86.5	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 4500	86.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 4000	87.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 3500	88.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 3000	88.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 2500	89.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 2000	92.4	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1800	93.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1500	94.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1200	94.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1000	94.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 900	94.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 800	94.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700	94.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	94.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 500	94.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 400	94.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 300	94.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 200	94.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 100	94.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 0	94.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS

1537

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EATER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21003 STATION JLNSTON ISLAND/PACIFIC IS STATION NAME 42-71 YEARS MONTH 1200-1400 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING IV 20000	56.1	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	
IV 18000 IV 16000	74.2	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	
IV 14000 IV 12000	75.4	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	
IV 10000 IV 9000	81.2	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	
IV 8000 IV 7000	83.3	87.8	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	
IV 6000 IV 5000	85.1	89.7	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	
IV 4500 IV 4000	86.4	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	
IV 3500 IV 3000	87.2	92.1	92.1	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	
IV 2500 IV 2000	87.9	92.5	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	
IV 1800 IV 1500	88.2	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	
IV 1200 IV 1000	89.5	94.5	94.5	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	
IV 900 IV 800	92.8	96.2	96.2	96.4	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	
IV 700 IV 600	93.3	98.8	98.8	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
IV 500 IV 400	93.3	98.8	98.8	98.9	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
IV 300 IV 200	93.3	98.8	98.8	98.9	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
IV 100 IV 0	93.3	98.8	98.8	98.9	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	

TOTAL NUMBER OF OBSERVATIONS 1541

DATA PROCESSING BRANCH  
USAF ETAC  
AIR MATER SERVICE/AGC

# CEILING VERSUS VISIBILITY

STATION  
21000

JUNSTON ISLAND/PACIFIC IS  
STATION NAME

68-71  
YEARS

MONTH

1400-1700  
HOURS (LST)

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	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	52.2	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
IV 20000	71.8	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 18000	72.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 16000	72.8	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
IV 14000	74.0	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
IV 12000	76.6	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 10000	80.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 9000	81.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 8000	83.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 7000	83.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 6000	84.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 5000	85.9	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 4500	86.4	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
IV 4000	87.2	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 3500	87.5	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 3000	88.0	92.9	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 2500	89.4	94.4	94.5	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 2000	92.0	97.5	97.8	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
IV 1800	92.2	98.0	98.4	98.4	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1500	92.8	98.6	99.0	99.1	99.2	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 1200	92.8	98.6	99.1	99.2	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	92.8	98.7	99.2	99.2	99.3	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	92.8	98.7	99.2	99.2	99.3	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	92.8	98.7	99.2	99.3	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	92.8	98.7	99.2	99.3	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	92.8	98.7	99.2	99.3	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	92.8	98.7	99.2	99.3	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	92.8	98.7	99.2	99.3	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	92.8	98.7	99.2	99.3	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	92.8	98.7	99.2	99.3	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	92.8	98.7	99.2	99.3	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	92.8	98.7	99.2	99.3	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1341

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

21603  
 STATION

JUNISTON ISLAND/PACIFIC IS  
 STATION NAME

48-71  
 YEARS

YEARS

116  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1800-2000  
 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	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
IV 20000	72.1	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
IV 18000	72.6	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
IV 16000	72.7	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 14000	73.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 12000	76.4	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
IV 10000	79.3	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
IV 9000	80.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 8000	82.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 7000	83.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 6000	83.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 5000	84.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 4500	85.5	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 4000	86.2	90.3	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 3500	86.6	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	91.5	91.5
IV 3000	86.8	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 2500	87.7	92.5	92.5	92.5	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 2000	87.0	92.5	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1800	87.0	97.7	97.9	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1500	87.0	99.0	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	87.0	99.1	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	87.1	99.2	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	87.1	99.2	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	87.1	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	87.1	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	87.1	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	87.1	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	87.1	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	87.1	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	87.1	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	87.1	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	87.1	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1541

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER DIVISION/AFM

# CEILING VERSUS VISIBILITY

STATION: 21003 JEROME ISLAND/PACIFIC IS STATION NAME: 48-71 YEARS: MONTH: 2100-2300 HOURS U.S.T.

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	66.1	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
IV 20000	75.7	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
IV 18000	76.1	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
IV 16000	76.3	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
IV 14000	77.2	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
IV 12000	78.7	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
IV 10000	80.1	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 9000	80.9	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 8000	83.3	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 7000	84.1	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
IV 6000	84.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 5000	85.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 4500	85.9	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
IV 4000	86.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 3500	87.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 3000	87.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 2500	88.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 2000	88.6	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 1800	88.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1500	89.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 1200	89.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1000	90.0	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 900	90.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 800	90.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 700	90.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 600	90.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 500	90.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 400	90.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 300	90.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 200	90.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 100	90.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 0	90.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS 1541

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR EATER SERVICE/PAC

# CEILING VERSUS VISIBILITY

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

48-71

YEARS

FP  
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	¾	¾	≥5/16	¾	≥0
NO CEILING	76.1	70.3	70.3	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
≥ 20000	76.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 18000	76.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 16000	76.2	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
IV 14000	76.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 12000	78.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 10000	80.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 9000	81.4	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
IV 8000	83.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 7000	84.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 6000	85.0	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 5000	86.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 4500	86.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 4000	86.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 3500	87.2	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 3000	87.4	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 2500	88.3	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	93.5	93.5
IV 2000	88.5	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	93.5	93.5
IV 1800	88.5	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	93.5	93.5
IV 1500	88.5	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	93.5	93.5
IV 1200	88.5	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	93.5	93.5
IV 1000	88.5	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	93.5	93.5
IV 900	88.5	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	93.5	93.5
IV 800	88.5	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	93.5	93.5
IV 700	88.5	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	93.5	93.5
IV 600	88.5	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	93.5	93.5
IV 500	88.5	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	93.5	93.5
IV 400	88.5	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	93.5	93.5
IV 300	88.5	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	93.5	93.5
IV 200	88.5	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	93.5	93.5
IV 100	88.5	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	93.5	93.5
IV 0	88.5	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	93.5	93.5

TOTAL NUMBER OF OBSERVATIONS 1440

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AAC

# CEILING VERSUS VISIBILITY

21603  
STATION

WESTON ISLAND/PACIFIC IS.  
STATION NAME

48-71  
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	≥½	≥5/16	≥¼	≥0	
NO CEILING	65.5	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	
IV 20000	75.3	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	
IV 18000	75.3	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	
IV 16000	75.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	
IV 14000	76.0	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	
IV 12000	77.3	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	
IV 10000	78.9	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	
IV 9000	79.2	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	
IV 8000	82.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	
IV 7000	83.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	
IV 6000	84.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	
IV 5000	85.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	
IV 4500	86.3	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	
IV 4000	87.2	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	
IV 3500	87.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	
IV 3000	88.1	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	
IV 2500	89.4	94.3	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	
IV 2000	89.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	
IV 1800	92.9	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
IV 1500	93.2	99.1	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
IV 1200	93.3	99.2	99.4	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
IV 1000	93.3	99.2	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	
IV 900	93.3	99.2	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	
IV 800	93.3	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	99.9	
IV 700	93.3	99.3	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	
IV 600	93.3	99.3	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	
IV 500	93.3	99.3	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	
IV 400	93.3	99.3	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	
IV 300	93.3	99.3	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	
IV 200	93.3	99.3	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	
IV 100	93.3	99.3	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	
IV 0	93.3	99.3	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 1429

DATA PROCESSING TURNING

15-47

DATA PROCESSING CENTER  
USAF ETAC  
WIND WEATHER SERVICE/NO

# CEILING VERSUS VISIBILITY

21463  
STATION

JEROME ISLAND PACIFIC IS  
STATION NAME

44-71  
YEARS

YEARS

1 P  
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	≥½	≥¼	≥0	≥0	≥0
NO CEILING	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
≥ 20000	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 18000	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 16000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 14000	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
≥ 12000	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 10000	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 9000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 8000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 7000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 6000	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 5000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4500	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3500	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2500	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1447

USAF ETAC FORM 104 0145 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

216

UNION ISLAND/PACIFIC IS

48-71

YEARS

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0406-110C  
 HOURS TEST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	55.2	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
IV 20000	72.4	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 18000	73.2	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	76.6
IV 16000	73.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 14000	73.4	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	77.5
IV 12000	76.4	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
IV 10000	80.0	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 9000	81.0	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
IV 8000	83.8	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
IV 7000	85.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 6000	85.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 5000	86.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 4500	86.7	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 4000	87.9	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 3500	88.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 3000	88.6	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
IV 2500	89.7	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 2000	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 1800	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 1500	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 1200	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 1000	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 900	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 800	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 700	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 600	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 500	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 400	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 300	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 200	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 100	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 0	89.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5

TOTAL NUMBER OF OBSERVATIONS 1446

2

DATA PROCESSING CENTER  
USAF ETAC  
AIR EATER ENGINEERING CO.

# CEILING VERSUS VISIBILITY

STATION: JORDAN ISLAND/PACIFIC IS

46-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.125	≥.1
NO CEILING ≥ 20000	71.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 18000 IV 16000	71.5	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
IV 14000 IV 12000	72.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 10000 IV 9000	80.0	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 8000 IV 7000	84.0	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
IV 6000 IV 5000	85.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 4500 IV 4000	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 3500 IV 3000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 2500 IV 2000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 1800 IV 1500	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1200 IV 1000	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 900 IV 800	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 700 IV 600	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 500 IV 400	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 300 IV 200	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 100 IV 0	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9

TOTAL NUMBER OF OBSERVATIONS 1440

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

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

210000

JOHNSTON ISLAND/PACIFIC IS

48-71

YEARS

1-1

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1:00-1700  
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	77.6	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
≥ 20000	78.4	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV ≥ 18000	78.4	72.3	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
IV ≥ 16000	79.7	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV ≥ 14000	70.7	74.2	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
IV ≥ 12000	74.5	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV ≥ 10000	78.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV ≥ 9000	79.7	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
IV ≥ 8000	82.8	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	87.0
IV ≥ 7000	83.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV ≥ 6000	84.8	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV ≥ 5000	89.4	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
IV ≥ 4500	86.8	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV ≥ 4000	88.3	92.6	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
IV ≥ 3500	88.8	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV ≥ 3000	89.2	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	93.8	93.8
IV ≥ 2500	89.5	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV ≥ 2000	93.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV ≥ 1800	93.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV ≥ 1500	94.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV ≥ 1200	94.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV ≥ 1000	94.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV ≥ 900	94.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV ≥ 800	94.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV ≥ 700	94.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV ≥ 600	94.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV ≥ 500	94.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV ≥ 400	94.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV ≥ 300	94.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV ≥ 200	94.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV ≥ 100	94.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV ≥ 0	94.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1430

2

DATA PROCESSING RANGE  
USAF ETAC  
AIR EAT FR SERVICE/AC

# CEILING VERSUS VISIBILITY

Z1004  
STATION

WEST ISLAND/PACIFIC IS  
STATION NAME

48-71  
YEARS

YEARS

1970-2000  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1444  
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	72.7	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	55.3
IV 20000	72.4	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
IV 18000	72.5	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV 16000	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 14000	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 12000	77.4	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 10000	81.3	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
IV 9000	83.5	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
IV 8000	86.2	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
IV 7000	87.4	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
IV 6000	87.9	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	87.9	87.9
IV 5000	89.1	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 4500	89.9	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 4000	90.7	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	90.7	90.7
IV 3500	91.6	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 3000	91.9	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 2500	93.9	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 2000	97.1	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1800	98.3	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1500	99.6	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	99.7	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	99.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	99.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	99.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	99.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	99.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	99.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	99.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	99.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	99.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	99.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	99.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1444

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

21003  
STATION

JOHNSON ISLAND/PACIFIC IS  
STATION NAME

48-71  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0	
NO CEILING	65.2	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
≥ 20000	76.6	80.2	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
IV 18000	70.7	80.2	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
IV 16000	76.8	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
IV 14000	77.7	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 12000	79.2	83.1	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
IV 10000	81.9	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 9000	82.1	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 8000	85.0	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 7000	86.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 6000	86.5	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	90.9	90.9
IV 5000	87.2	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 4500	87.7	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	92.4	92.4
IV 4000	88.1	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 3500	88.8	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 3000	89.1	93.7	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 2500	90.0	94.4	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 2000	90.1	94.9	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 1800	90.6	95.7	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1500	90.9	96.1	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1200	91.9	96.1	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1000	93.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	93.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	93.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	93.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	93.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	93.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	93.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	93.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	93.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 100	93.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 0	93.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 1441

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EATER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21603

STATION NAME ISLAND/PACIFIC IS

48-71

YEARS

CT

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	4.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 20000	70.1	79.4	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 18000	75.3	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
IV 16000	76.4	79.8	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
IV 14000	77.1	80.5	80.7	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
IV 12000	78.4	82.1	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
IV 10000	80.2	84.7	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
IV 9000	80.8	84.7	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
IV 8000	83.3	87.2	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
IV 7000	84.1	88.1	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 6000	84.1	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 5000	85.0	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 4500	85.8	90.3	90.3	90.3	90.3	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 4000	86.6	91.1	91.1	91.1	91.1	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 3500	87.0	91.5	91.7	91.7	91.7	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 3000	87.4	91.9	92.1	92.1	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 2500	88.1	92.6	92.7	92.8	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 2000	88.3	92.6	92.8	92.8	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1800	88.3	92.6	92.8	92.8	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1500	88.7	93.0	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1200	88.7	93.0	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1000	88.7	93.0	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 900	88.7	93.0	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 800	88.7	93.0	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 700	88.7	93.0	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 600	88.7	93.0	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 500	88.7	93.0	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 400	88.7	93.0	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 300	88.7	93.0	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 200	88.7	93.0	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 100	88.7	93.0	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 0	88.7	93.0	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3

TOTAL NUMBER OF OBSERVATIONS 1458

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR EATER SERVICE

# CEILING VERSUS VISIBILITY

2163  
 STATION

JOHNSTON ISLAND/PACIFIC IS  
 STATION NAME

48-71  
 YEARS

YEARS

CT  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0.00-0500  
 HOURS U.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 ≥ 20000	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 18000 IV 16000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 14000 IV 12000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 10000 IV 9000	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 8000 IV 7000	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 6000 IV 5000	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
IV 4500 IV 4000	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 3500 IV 3000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 2500 IV 2000	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 1800 IV 1500	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1200 IV 1000	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 900 IV 800	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 700 IV 600	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 500 IV 400	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 300 IV 200	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100 IV 0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

1489

USAF ETAC

FORM  
 JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FORMS

1572

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

215000 WASHINGTON ISLAND/PACIFIC IS STATION NAME 48-71 YEARS MONTH CT  
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 0600-0800 HOURS CST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	56.6	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	
IV 20000	62.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	
IV 18000	66.3	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	
IV 16000	66.7	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	
IV 14000	68.4	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	
IV 12000	71.8	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	
IV 10000	74.7	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	
IV 9000	70.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	
IV 8000	79.0	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	
IV 7000	81.1	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	
IV 6000	81.7	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	
IV 5000	82.8	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	
IV 4500	83.8	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	
IV 4000	85.6	90.3	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	
IV 3500	86.4	91.1	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	
IV 3000	86.9	91.6	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	
IV 2500	88.5	93.2	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	
IV 2000	91.3	95.2	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	
IV 1800	92.7	97.8	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
IV 1500	93.5	98.7	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
IV 1200	93.5	98.8	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
IV 1000	93.6	98.9	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
IV 900	93.6	98.9	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
IV 800	93.6	98.9	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
IV 700	93.6	98.9	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
IV 600	93.6	98.9	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
IV 500	93.6	98.9	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
IV 400	93.6	98.9	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
IV 300	93.6	98.9	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
IV 200	93.6	98.9	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
IV 100	93.6	98.9	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
IV 0	93.6	98.9	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	

TOTAL NUMBER OF OBSERVATIONS 1400

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

21603  
STATION

JULIUSTON ISLAND/PACIFIC IS  
STATION NAME

48-71  
YEARS

MONTH

CT

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0500-1100  
HOURS LT

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0
NO CEILING	49.3	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
≥20000	59.8	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IVM 18000	70.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IVM 16000	71.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IVM 14000	73.5	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
IVM 12000	77.2	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
IVM 10000	80.8	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
IVM 9000	82.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IVM 8000	84.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IVM 7000	85.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IVM 6000	85.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IVM 5000	87.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IVM 4500	87.0	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IVM 4000	89.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IVM 3500	89.7	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IVM 3000	90.1	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IVM 2500	90.7	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IVM 2000	93.1	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IVM 1800	93.5	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IVM 1500	93.8	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IVM 1200	93.9	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 1000	93.9	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IVM 900	93.9	99.1	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 800	93.9	99.1	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 700	93.9	99.1	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 600	93.9	99.1	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 500	93.9	99.1	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 400	93.9	99.1	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 300	93.9	99.1	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 200	93.9	99.1	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 100	93.9	99.1	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IVM 0	93.9	99.1	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1489

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/TAC

# CEILING VERSUS VISIBILITY

110000      JOHNSTON ISLAND/PACIFIC IS      48-71      YEARS      CT      MONTH  
STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)      1206-1400      HOURS U.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	48.0	50.7	40.7	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	72.0	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
IV 18000	72.6	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
IV 16000	72.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 14000	74.0	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	78.1
IV 12000	78.5	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
IV 10000	81.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 9000	81.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 8000	84.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 7000	84.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 6000	85.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 5000	86.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 4500	86.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 4000	86.9	93.4	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 3500	87.4	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 3000	87.6	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 2500	88.4	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 2000	88.0	97.9	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1800	88.6	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1500	88.0	99.1	99.3	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
IV 1200	88.0	99.1	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 1000	88.4	99.2	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 900	88.1	99.2	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 800	88.1	99.2	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	88.1	99.2	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	88.1	99.2	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	88.1	99.2	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 400	88.1	99.2	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 300	88.1	99.2	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 200	88.1	99.2	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 100	88.1	99.2	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	88.1	99.2	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1486

DATA PROCESSING FORM 11/61

1  
2  
E

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

21602  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

48-71  
YEARS

MONTH

CT

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS LT ST

CEILING -FEET-	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5-16	¾	≥0
NO CEILING ≥ 20000	45.2	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 18000	72.2	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
IV 16000	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 14000	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 12000	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 10000	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 9000	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	84.5	84.5
IV 8000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 7000	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
IV 6000	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
IV 5000	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 4500	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 4000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 3500	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 3000	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 2500	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 2000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1800	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1457

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

21603  
STATION

WINSTON ISLAND/PACIFIC IS  
STATION NAME

48-71  
YEARS

CT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1006-2000  
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	½	≥5/16	¼	≥0
NO CEILING	70.6	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
IV 20000	70.3	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 18000	70.8	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 16000	70.3	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 14000	72.3	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	76.4	76.4
IV 12000	75.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 10000	77.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 9000	79.1	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
IV 8000	81.1	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0
IV 7000	82.0	87.2	87.2	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5
IV 6000	83.0	87.6	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9
IV 5000	84.2	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4
IV 4500	84.9	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1
IV 4000	86.3	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5
IV 3500	86.3	91.7	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
IV 3000	86.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1
IV 2500	88.8	93.3	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 2000	91.3	96.8	96.8	96.8	96.8	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1800	92.4	97.9	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1500	93.0	98.9	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1200	93.1	99.0	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1000	93.3	99.3	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900	93.3	99.3	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	93.3	99.3	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	93.3	99.3	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	93.3	99.3	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	93.3	99.3	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	93.3	99.3	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	93.3	99.3	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	93.3	99.3	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	93.3	99.3	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	93.3	99.3	99.5	99.7	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 1480

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

21577  
STATION

JULIEN IN ISLAND/PACIFIC IS  
STATION NAME

42-71  
YEARS

MONTH

2100-2300  
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	79.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 18000	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 16000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 14000	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 12000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 10000	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
IV 9000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 8000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 7000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 6000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 5000	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 4500	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 4000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 3500	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 3000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 2500	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 2000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1800	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 1500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 1200	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 900	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 700	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1487

2

DATA PROCESSING CENTER  
USAF ETAC  
AIR FORT BRAGG, NC

# CEILING VERSUS VISIBILITY

21604  
STATION

JULY 1971  
STATION NAME

48-71  
YEARS

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	≥½	≥5/16	≥¼	≥0	
NO CEILING	74.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 20000	74.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 18000	74.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 16000	74.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 14000	75.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 12000	77.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 10000	80.5	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	84.5	84.5
IV 9000	81.0	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
IV 8000	82.5	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	86.9	86.9
IV 7000	83.8	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 6000	84.2	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
IV 5000	84.8	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 4500	85.4	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 4000	86.7	91.1	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 3500	87.2	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 3000	87.8	92.3	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 2500	88.0	93.0	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
IV 2000	88.0	93.0	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
IV 1800	88.0	93.0	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
IV 1500	88.0	93.0	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
IV 1200	88.0	93.0	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
IV 1000	88.0	93.0	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
IV 900	88.0	93.0	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
IV 800	88.0	93.0	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
IV 700	88.0	93.0	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
IV 600	88.0	93.0	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
IV 500	88.0	93.0	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
IV 400	88.0	93.0	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
IV 300	88.0	93.0	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
IV 200	88.0	93.0	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
IV 100	88.0	93.0	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
IV 0	88.0	93.0	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

TOTAL NUMBER OF OBSERVATIONS 1361

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21602

JOHNSTON ISLAND/PACIFIC IS

48-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0100-0500  
 HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.1	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
NO CEILING	69.1	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
IV 20000	75.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 18000	75.2	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
IV 16000	75.3	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	78.4
IV 14000	76.5	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	79.7
IV 12000	77.9	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
IV 10000	80.8	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 9000	81.5	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
IV 8000	83.0	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 7000	83.0	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 6000	83.7	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 5000	84.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 4500	85.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 4000	86.7	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	90.8
IV 3500	87.3	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 3000	87.3	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 2500	87.6	91.9	92.0	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
IV 2000	87.6	91.9	92.0	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
IV 1800	87.6	91.9	92.0	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
IV 1500	87.6	91.9	92.0	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
IV 1200	87.6	91.9	92.0	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
IV 1000	87.6	91.9	92.0	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
IV 900	87.6	91.9	92.0	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
IV 800	87.6	91.9	92.0	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
IV 700	87.6	91.9	92.0	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
IV 600	87.6	91.9	92.0	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
IV 500	87.6	91.9	92.0	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
IV 400	87.6	91.9	92.0	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
IV 300	87.6	91.9	92.0	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
IV 200	87.6	91.9	92.0	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
IV 100	87.6	91.9	92.0	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
IV 0	87.6	91.9	92.0	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

TOTAL NUMBER OF OBSERVATIONS

1342

2

DATA PROCESSING CENTER  
 USAF ETAC  
 AIR FORCE ENGINEERING CENTER

# CEILING VERSUS VISIBILITY

16.0  
STATION

PERSEUS ISLAND/PACIFIC IS  
STATION NAME

40-71  
YEARS

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-0000  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING ≥ 20000	66.1	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
IV 18000 IV 16000	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 14000 IV 12000	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 10000 IV 9000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 8000 IV 7000	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 6000 IV 5000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 4500 IV 4000	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
IV 3500 IV 3000	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 2500 IV 2000	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 1800 IV 1500	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1200 IV 1000	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 900 IV 800	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 700 IV 600	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 500 IV 400	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 300 IV 200	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 100 IV 0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS

1382

USAF ETAC

FORM  
JUL 64

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR EAT EN PAVICP/AC

# CEILING VERSUS VISIBILITY

21000

JOHNSON ISLAND/PACIFIC IS  
STATION NAME

9E-71

YEARS

LEV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS T-51

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	7.0	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
≥ 20000	9.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 18000	70.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 16000	70.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 14000	71.7	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 12000	74.8	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
≥ 10000	76.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 9000	78.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 8000	80.0	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
≥ 7000	81.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 6000	83.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 5000	85.9	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4500	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.9	99.9	99.9	99.9	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	99.9	99.9	99.9	99.9	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	99.9	99.9	99.9	99.9	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	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1323

2

DATA PROCESSING CENTER  
USAF ETAC  
AIR CENTER SERVICE NO.

# CEILING VERSUS VISIBILITY

21503  
STATION

JOHNSON ISLAND PACIFIC IS  
STATION NAME

48-71  
YEARS

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	55.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IV 20000	57.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 18000	68.6	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
IV 16000	68.9	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
IV 14000	70.1	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
IV 12000	73.7	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
IV 10000	76.6	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
IV 9000	77.9	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	82.0	82.0
IV 8000	80.3	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	84.5
IV 7000	81.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 6000	82.6	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	86.8
IV 5000	84.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 4500	84.0	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 4000	85.2	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	89.8	89.8
IV 3500	90.1	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 3000	90.5	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 2500	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 2000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1800	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1500	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1200	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 900	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 800	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 700	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 600	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 500	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 400	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 300	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 200	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 100	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3

TOTAL NUMBER OF OBSERVATIONS 1382

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

1962

JOHNSTON ISLAND/PACIFIC IS

48-71

YEARS

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	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	54.0	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
IV ≥ 18000 IV ≥ 16000	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 14000 IV 12000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 10000 IV 9000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 8000 IV 7000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 6000 IV 5000	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
IV 4500 IV 4000	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 3500 IV 3000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 2500 IV 2000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 1800 IV 1500	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200 IV 1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900 IV 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700 IV 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500 IV 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300 IV 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100 IV 0	100.0	100.0	100.0	100.0	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 1341

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR FORCE ENGINEERING

# CEILING VERSUS VISIBILITY

21603  
STATION

UNIDENTIFIED ISLAND / PACIFIC ISLANDS

46-71

YEARS

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	¾	¾	≥5/16	¼	≥0
NO CEILING	62.1	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 20000	62.1	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IV 18000	73.4	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
IV 16000	73.8	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
IV 14000	76.7	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 12000	79.6	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
IV 10000	81.4	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
IV 9000	83.2	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
IV 8000	85.1	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
IV 7000	87.5	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
IV 6000	89.4	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 5000	90.8	90.5	90.6	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
IV 4500	92.0	91.8	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
IV 4000	93.0	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	93.0
IV 3500	94.1	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 3000	95.1	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	95.1
IV 2500	96.1	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 2000	97.1	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1800	98.1	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1500	99.1	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1200	99.6	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	99.7	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 900	99.8	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	99.9	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700	99.9	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 600	99.9	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	99.9	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	99.9	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	99.9	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	99.9	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	99.9	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	99.9	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

1384

USAF ETAC

FORM 301-54

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIP WEATHER SERVICE/DAC

# CEILING VERSUS VISIBILITY

21002  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

48-71  
YEARS

MONTH

2100-2300  
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	73.8	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
IV 20000	73.8	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
IV 18000	74.1	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
IV 16000	74.1	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
IV 14000	74.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 12000	77.7	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	81.1
IV 10000	80.9	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	84.5
IV 9000	81.6	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
IV 8000	84.0	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 7000	85.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 6000	85.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 5000	90.4	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 4500	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 4000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 3500	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 3000	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 2500	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 2000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 1800	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 1500	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 1200	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 1000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 900	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 800	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 700	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 600	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 500	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 400	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 300	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 200	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 100	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0

TOTAL NUMBER OF OBSERVATIONS 1314

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

48-71  
YEARS

YEARS

EC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 20000	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 18000	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 16000	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 14000	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 12000	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 10000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 9000	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 8000	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 7000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 6000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 5000	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 4500	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 4000	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 3500	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 3000	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 2500	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 2000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 1800	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1500	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1200	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 900	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 800	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 300	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 200	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 100	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 1420

DATA PROCESSING BRANCH  
USAF ETAC  
AIR BEAT LEA BRVICKA WC

CEILING VERSUS VISIBILITY

21001  
STATION

WESTERN ISLAND/PACIFIC IN  
STATION NAME

48-71

YEARS

FC  
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	¾	¾	≥5/16	¾	≥0
NO CEILING ≥20000	62.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IVM 18000 IVM 16000	65.4	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
IVM 14000 IVM 12000	65.4	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
IVM 10000 IVM 9000	69.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IVM 8000 IVM 7000	70.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IVM 6000 IVM 5000	72.0	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
IVM 4500 IVM 4000	73.3	78.1	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IVM 3500 IVM 3000	74.2	79.1	79.3	79.3	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IVM 2500 IVM 2000	74.4	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	79.7	79.7
IVM 1800 IVM 1500	76.3	81.4	81.6	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
IVM 1200 IVM 1000	76.9	82.2	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
IVM 900 IVM 800	79.1	84.6	84.9	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IVM 700 IVM 600	79.7	86.3	86.6	86.8	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IVM 500 IVM 400	80.7	88.0	88.2	88.4	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IVM 300 IVM 200	83.2	89.2	89.5	89.6	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1
IVM 100 IVM 0	87.9	94.6	95.1	95.2	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7
IVM 0	96.6	96.6	96.7	96.7	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2
IVM 0	97.5	97.4	98.0	98.2	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
IVM 0	97.3	97.5	98.2	98.5	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
IVM 0	97.5	97.6	98.5	98.7	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IVM 0	97.6	97.7	98.5	98.7	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 0	97.6	97.7	98.5	98.7	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 0	97.6	97.7	98.5	98.7	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 0	97.6	97.7	98.5	98.7	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 0	97.6	97.7	98.5	98.7	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 0	97.6	97.7	98.5	98.7	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 0	97.6	97.7	98.5	98.7	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 0	97.6	97.7	98.5	98.7	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 0	97.6	97.7	98.5	98.7	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 0	97.6	97.7	98.5	98.7	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 0	97.6	97.7	98.5	98.7	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 0	97.6	97.7	98.5	98.7	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 0	97.6	97.7	98.5	98.7	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 0	97.6	97.7	98.5	98.7	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IVM 0	97.6	97.7	98.5	98.7	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1420

USAF ETAC

FORM 0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

48-71  
YEARS

1 EC  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
PERIOD

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	52.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 20000	57.7	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 18000	57.7	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 16000	57.7	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
IV 14000	58.8	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 12000	59.4	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
IV 10000	62.8	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
IV 9000	63.4	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
IV 8000	67.9	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 7000	69.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 6000	70.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 5000	72.1	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 4500	73.4	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 4000	79.3	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 3500	79.0	82.8	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
IV 3000	79.5	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0
IV 2500	81.7	86.8	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
IV 2000	87.0	93.2	93.7	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2
IV 1800	89.3	95.6	96.3	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8
IV 1500	90.8	97.5	98.2	98.3	98.3	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
IV 1200	90.9	97.7	98.3	98.6	98.7	98.7	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4
IV 1000	91.1	98.0	98.9	98.9	99.2	99.2	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9
IV 900	91.1	98.0	98.9	98.9	99.2	99.2	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9
IV 800	91.1	98.0	98.9	98.9	99.2	99.2	99.4	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9
IV 700	91.1	98.0	98.9	98.9	99.2	99.2	99.4	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9
IV 600	91.1	98.1	98.9	99.0	99.2	99.2	99.3	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0
IV 500	91.1	98.1	98.9	99.0	99.2	99.2	99.3	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0
IV 400	91.1	98.1	98.9	99.0	99.2	99.2	99.3	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0
IV 300	91.1	98.1	98.9	99.0	99.2	99.2	99.3	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0
IV 200	91.1	98.1	98.9	99.0	99.2	99.2	99.3	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0
IV 100	91.1	98.1	98.9	99.0	99.2	99.2	99.3	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0
IV 0	91.1	98.1	98.9	99.0	99.2	99.2	99.3	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1421

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/AC

# CEILING VERSUS VISIBILITY

21800  
STATION

JUN NATION ISLAND/PACIFIC IS  
STATION NAME

48071

YEARS

16  
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	¾	½	≥5/16	¼	≥0
NO CEILING	66.2	52.4	58.6	58.6	56.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 20000	66.2	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
IV 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
IV 16000	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
IV 14000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 12000	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 10000	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 9000	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
IV 8000	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 7000	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 6000	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 5000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 4500	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 4000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 3500	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 3000	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 2500	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 2000	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1800	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1500	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1200	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 900	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 800	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1420

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/PAC

## CEILING VERSUS VISIBILITY

21573  
 STATION

DEFLECTION ISLAND/PACIFIC IS  
 STATION NAME

48-71  
 YEARS

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	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	57.3	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 20000	63.1	65.7	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
IV IV 18000	63.3	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV IV 16000	63.9	66.5	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
IV IV 14000	63.4	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV IV 12000	67.1	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
IV IV 10000	69.9	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV IV 9000	72.0	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	76.0
IV IV 8000	74.6	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	79.0	79.0
IV IV 7000	76.2	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
IV IV 6000	77.4	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
IV IV 5000	78.9	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
IV IV 4500	79.9	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
IV IV 4000	80.8	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	85.9
IV IV 3500	82.0	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV IV 3000	83.0	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV IV 2500	84.9	89.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV IV 2000	89.4	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV IV 1800	91.1	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV IV 1500	91.6	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV IV 1200	91.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV IV 1000	91.9	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV IV 900	92.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV IV 800	92.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV IV 700	92.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV IV 600	92.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV IV 500	92.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV IV 400	92.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV IV 300	92.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV IV 200	92.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV IV 100	92.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV IV 0	92.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

1420

USAF ETAC

FORM  
 JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH

14-71

DATA PROCESSING BRANCH  
USAF ETAC  
AIR EATER SERVICE/AC

# CEILING VERSUS VISIBILITY

21033  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

48-71  
YEARS

MONTH

1960-1969  
HOURS TST

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 20000	61.0	61.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 18000	61.4	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
IV 16000	61.9	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
IV 14000	63.1	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
IV 12000	63.5	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
IV 10000	69.3	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 9000	72.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 8000	74.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 7000	76.7	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
IV 6000	77.2	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
IV 5000	79.5	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
IV 4500	80.2	84.8	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
IV 4000	81.9	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
IV 3500	83.6	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 3000	84.2	89.7	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	89.2
IV 2500	86.0	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 2000	86.2	95.9	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1800	91.4	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1500	91.9	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1200	92.0	98.9	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
IV 1000	92.0	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	92.0	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	92.0	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	92.0	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	92.0	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	92.0	99.0	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	92.0	99.0	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	92.0	99.0	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	92.0	99.0	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	92.0	99.0	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	92.0	99.0	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1419

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/PAAC

# CEILING VERSUS VISIBILITY

21600  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

48-71  
YEARS

YEARS

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	¾	½	≥5/16	¼	≥0
NO CEILING	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 20000	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	66.1
IV 18000	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
IV 16000	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 14000	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	67.3
IV 12000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 10000	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 9000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 8000	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
IV 7000	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0
IV 6000	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	81.4	81.4	81.4
IV 5000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1
IV 4500	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	84.3	84.3	84.3
IV 4000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2
IV 3500	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 3000	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 2500	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5
IV 2000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1800	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
IV 1500	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
IV 1200	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4
IV 1000	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 900	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 800	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 700	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 600	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 500	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 400	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 300	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 100	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1420

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

2

DATA PROCESSING MACHINE  
 USAF ETAC  
 AIR FORCE RESEARCH AND DEVELOPMENT

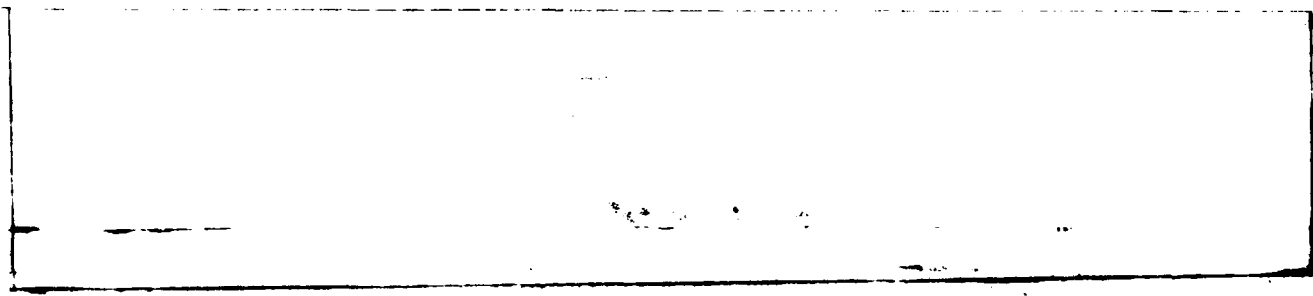
# CEILING VERSUS VISIBILITY

STATION: **EL PASO ISCO/PACIFIC 12** YEARS: **98-71** MONTH: **12**  
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) HOURS TEST: **2100-2300**

CEILING FEET	VISIBILITY - STATUTE MILES -															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 20000	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 18000	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 16000	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 14000	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 12000	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	73.4
IV 10000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 9000	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	79.5
IV 8000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 7000	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 6000	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
IV 5000	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 4500	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 4000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 3500	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 3000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 2500	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 2000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1800	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1500	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1200	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 900	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 1413

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



## 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:

<u>OKTAS</u>	<u>TENTHS</u>
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

21603 JOHNSTON ISLAND/PACIFIC IS

48-72

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	6.0	9.9	15.6	14.6	10.9	7.9	5.1	6.3	6.7	5.5	11.5	4.6	10912
FEB		5.2	8.2	16.7	16.9	11.4	8.0	5.1	6.6	6.9	4.9	10.1	4.6	10111
MAR		4.4	6.4	13.6	16.4	10.7	8.7	4.9	6.5	7.8	5.9	14.7	5.1	11379
APR		1.6	3.8	10.2	11.4	9.8	8.9	5.7	7.3	10.1	7.5	23.7	6.1	11008
MAY		1.0	3.1	10.2	12.3	10.0	8.8	5.5	7.4	9.6	8.1	24.1	6.2	11405
JUN		1.3	4.8	13.1	15.7	11.3	10.2	5.2	7.9	9.0	6.9	14.7	5.4	11053
JUL		.6	3.8	13.2	16.2	12.6	11.5	6.3	7.8	9.5	6.4	12.1	5.3	11887
AUG		.9	3.6	12.2	15.9	12.5	10.2	5.6	8.0	9.2	6.7	15.3	5.5	11889
SEP		.6	3.5	12.5	15.1	11.2	10.2	5.6	8.2	10.2	7.7	15.2	5.6	11524
OCT		.8	4.0	10.9	14.4	10.7	9.4	5.5	8.1	10.1	7.8	18.3	5.8	11900
NOV		1.7	6.2	14.0	16.0	11.9	9.6	4.7	6.8	7.9	5.9	15.2	5.2	11059
DEC		2.6	7.4	14.3	15.5	10.9	9.2	5.2	6.7	8.0	5.9	14.3	5.1	11358
TOTALS		2.2	5.4	13.0	15.0	11.2	9.4	5.4	7.3	8.8	6.6	15.8	5.4	135485



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

## SKY COVER

21603    JOHNSTON ISLAND/PACIFIC IS

49-72

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	7.3	8.9	20.6	16.9	10.5	7.0	3.2	5.5	7.0	3.4	9.7	4.2	1264
	03-05	4.4	8.8	19.9	18.7	10.1	6.6	5.3	5.5	6.9	3.2	10.6	4.4	1264
	06-08	2.3	5.2	12.9	15.6	12.0	9.3	7.4	8.9	8.7	6.9	10.8	5.2	1264
	09-11	4.4	8.4	14.7	16.3	11.4	7.4	5.6	7.6	7.0	6.0	11.2	4.8	1262
	12-14	6.2	9.3	13.1	14.5	11.8	9.1	5.4	7.7	7.5	5.8	9.6	4.7	1265
	15-17	6.3	7.9	12.8	18.0	13.2	8.5	4.0	7.0	6.9	5.5	9.8	4.6	1264
	18-20	4.6	8.2	15.3	18.0	11.9	9.7	5.1	6.2	6.3	5.0	9.5	4.5	1264
	21-23	6.2	8.8	24.2	17.4	10.3	6.3	4.5	4.4	5.1	3.2	9.7	4.1	1264
TOTALS		5.2	8.2	16.7	16.9	11.4	8.0	5.1	6.6	6.9	4.9	10.1	4.6	10111

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

SKY COVER

21003 JOHNSTON ISLAND/PACIFIC IS

49-72

MAR

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		
MAR	00-02	5.8	8.1	17.3	15.7	10.3	7.1	4.2	6.3	7.6	3.8	13.6	4.7	1422
	03-05	5.5	6.2	17.2	18.2	8.9	8.7	4.8	5.7	7.0	3.7	14.3	4.7	1423
	06-08	1.8	4.8	10.1	15.9	11.0	8.9	5.7	7.1	11.1	9.5	14.1	5.6	1423
	09-11	5.6	8.4	11.1	13.3	9.5	9.4	4.4	7.7	8.4	7.0	15.3	5.2	1423
	12-14	4.5	6.3	11.0	14.6	12.0	10.0	4.4	7.2	8.2	5.1	16.6	5.3	1424
	15-17	3.4	5.0	11.5	17.5	11.7	8.2	4.8	6.3	7.7	7.9	15.7	5.3	1422
	18-20	2.8	4.2	12.5	18.4	12.9	9.2	6.0	6.1	7.2	5.8	14.9	5.2	1421
	21-23	5.8	8.5	18.4	17.4	9.1	8.4	5.1	5.2	5.3	4.0	12.7	4.5	1421
TOTALS		4.4	6.4	13.6	16.4	10.7	8.7	4.9	6.3	7.8	5.9	14.7	5.1	11379



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SKY COVER**

21603    JOHNSTON ISLAND/PACIFIC IS                    49-72                    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	1.5	4.8	14.7	16.1	9.7	7.2	5.8	6.8	7.1	4.6	21.8	5.6	1426
	03-05	1.3	3.5	13.4	12.6	11.4	9.3	6.7	7.2	9.3	4.5	20.8	5.7	1426
	06-08	.1	1.7	7.4	10.7	9.4	9.3	5.5	8.9	11.0	11.3	24.8	6.7	1426
	09-11	1.4	3.4	9.1	11.2	8.9	9.8	4.8	6.6	11.7	9.5	23.5	6.3	1423
	12-14	.9	2.9	8.3	11.2	10.4	8.5	4.5	7.0	11.1	9.3	23.9	6.4	1426
	15-17	.8	3.0	6.0	11.6	9.4	8.4	4.7	7.7	10.2	10.4	27.7	6.6	1426
	18-20	.4	1.7	8.0	11.1	11.1	9.0	6.2	7.3	9.9	9.5	26.0	6.5	1426
	21-23	1.2	3.9	14.9	14.0	9.8	8.9	5.5	7.3	6.7	5.4	22.4	5.7	1426
TOTALS		1.0	3.1	10.2	12.3	10.0	8.8	5.5	7.4	9.6	8.1	24.1	6.2	11405

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

SKY COVER

21603

JOHNSTON ISLAND/PACIFIC IS

49-72

JUN

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		
JUN	00-02	2.2	5.3	18.4	21.4	11.5	8.2	4.1	7.0	6.3	3.3	12.3	4.7	1382
	03-05	1.8	4.8	15.1	18.6	11.4	9.6	6.2	8.0	8.0	3.5	12.9	5.0	1382
	06-08	.4	2.2	8.0	12.8	12.1	10.1	6.1	9.0	12.6	10.6	16.1	6.1	1382
	09-11	1.2	6.4	8.8	13.4	10.4	10.7	5.2	9.9	10.6	7.8	15.6	5.7	1380
	12-14	1.3	5.4	12.0	12.2	11.4	10.8	5.9	8.0	8.3	8.1	16.5	5.6	1381
	15-17	.7	3.8	12.7	13.6	11.2	11.3	4.5	6.9	8.8	10.1	16.2	5.7	1382
	18-20	.7	3.5	10.6	15.1	12.7	10.3	4.8	7.9	11.2	7.6	15.8	5.7	1383
	21-23	2.2	7.0	18.8	18.2	10.0	10.2	4.7	6.4	6.4	3.8	12.2	4.7	1381
TOTALS		1.3	4.8	13.1	13.7	11.3	10.2	5.2	7.9	9.0	6.9	14.7	5.4	11053



DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

SKY COVER

21603     JOHNSTON ISLAND/PACIFIC IS     48-71     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	2.0	4.9	16.4	17.5	12.9	9.9	4.4	8.2	7.3	3.4	13.1	5.0	1484
	03-05	1.5	4.9	19.2	18.9	11.9	8.1	5.9	7.7	7.3	3.1	11.5	4.8	1485
	06-08	.2	2.6	7.4	14.7	11.6	11.2	4.8	9.3	13.4	8.5	16.1	6.0	1487
	09-11	1.1	4.4	8.7	13.6	11.6	10.8	6.7	7.9	10.6	7.9	16.6	5.8	1485
	12-14	.4	2.4	9.3	15.3	12.2	11.2	5.7	8.1	9.6	8.2	17.3	5.9	1487
	15-17	.5	2.3	9.4	13.9	12.4	10.4	6.0	7.5	9.3	9.5	18.8	6.0	1487
	18-20	.4	2.8	9.8	14.5	13.3	10.1	6.7	7.7	9.5	8.6	16.6	5.8	1487
	21-23	1.2	4.3	17.1	18.8	13.8	9.5	4.8	7.5	6.5	4.2	12.2	4.9	1487
TOTALS		.9	3.6	12.2	15.9	12.5	10.2	5.6	8.0	9.2	6.7	15.3	5.5	11889



DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

### SKY COVER

21003    JOHNSTON ISLAND/PACIFIC IS    40-71    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	1.2	6.5	17.8	19.1	9.7	8.3	5.7	6.9	6.0	4.0	14.8	4.9	1489
	03-05	1.2	4.0	17.1	17.6	11.6	9.7	5.3	8.7	7.1	4.5	13.2	5.1	1489
	06-08	.7	2.3	7.4	12.2	11.6	10.6	4.8	8.9	11.6	11.0	19.1	6.3	1488
	09-11	.3	4.7	8.0	11.3	11.6	8.8	5.4	8.7	11.0	10.2	20.0	6.2	1489
	12-14	.3	2.9	5.8	11.9	11.8	10.4	5.3	8.3	11.8	9.9	21.5	6.4	1488
	15-17	.5	4.2	7.1	11.3	9.3	8.1	6.0	8.1	12.5	11.2	21.8	6.4	1487
	18-20	.9	3.3	9.3	13.4	9.2	10.3	5.2	8.3	12.0	8.1	20.0	6.1	1488
	21-23	1.1	3.8	14.6	18.5	10.9	9.3	6.2	7.0	9.1	3.6	15.9	5.3	1482
TOTALS		.8	4.0	10.9	14.4	10.7	9.4	5.5	8.1	10.1	7.8	18.3	5.8	11900

DATA PROCESSING BRANCH  
 ETAC/USAF  
 AIR WEATHER SERVICE/MAC

**SKY COVER**

21603    JOHNSTON ISLAND/PACIFIC IS    48-71    NOV  
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		
NOV	00-02	2.2	8.2	19.7	18.2	11.0	9.0	4.3	6.7	5.9	2.8	12.0	4.6	1381
	03-05	1.9	8.2	19.8	18.0	13.1	7.0	4.1	5.4	6.7	3.2	12.6	4.6	1382
	06-08	1.2	4.3	10.9	14.3	12.7	11.1	4.8	7.6	8.5	7.7	16.9	5.6	1382
	09-11	2.5	6.7	11.3	14.4	10.6	10.1	5.4	7.0	8.0	7.4	16.6	5.4	1383
	12-14	1.7	5.4	10.1	13.0	11.9	11.4	5.6	7.2	9.8	7.8	16.1	5.6	1382
	15-17	1.4	4.2	9.9	14.2	12.8	10.5	5.1	7.2	8.5	8.8	17.5	5.7	1381
	18-20	.8	5.5	13.4	16.5	11.6	8.9	5.0	6.6	9.6	5.9	16.3	5.4	1384
	21-23	2.1	7.4	17.0	19.5	11.6	8.7	3.2	6.9	6.1	3.8	13.8	4.8	1384
TOTALS		1.7	6.2	14.0	16.0	11.9	9.6	4.7	6.8	7.9	5.9	15.2	5.2	11059

DATA PROCESSING BRANCH  
ETAC/USAF  
AIR WEATHER SERVICE/MAC

# SKY COVER

21603 JOHNSTON ISLAND/PACIFIC IS

48-71

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	2.2	9.0	17.4	17.0	12.8	6.8	4.2	5.4	6.7	4.3	14.3	4.8	1420
	03-05	2.9	9.3	18.2	16.1	10.5	8.2	5.7	4.9	7.0	3.7	13.5	4.7	1420
	06-08	1.3	4.9	10.9	15.3	10.3	10.3	5.1	8.7	11.4	8.4	13.2	5.6	1421
	09-11	2.7	7.8	11.9	14.4	11.1	9.2	5.8	6.5	8.5	7.7	14.4	5.3	1420
	12-14	3.2	7.4	12.0	13.4	10.1	10.8	4.9	7.7	7.2	7.5	15.8	5.3	1420
	15-17	3.0	6.3	10.9	15.2	10.2	10.4	5.8	7.2	9.2	6.9	14.9	5.4	1419
	18-20	2.6	6.8	14.2	16.1	10.6	9.4	5.3	7.2	8.2	5.5	14.2	5.1	1420
	21-23	2.8	7.8	18.9	16.5	11.8	8.5	4.7	6.3	5.4	3.1	14.0	4.7	1418
TOTALS		2.6	7.4	14.3	15.5	10.9	9.2	5.2	6.7	8.0	5.9	14.3	5.1	11358

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 ( $\sum X^2$ ), sums of values ( $\sum X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma x$ ). 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.

# DAILY TEMPERATURES

ATL. PROVISIONAL RANGE  
 2500 ETAC  
 AIR WEATHER SERVICE/AC  
 21801 JONESTON ISLAND/PACIFIC IS

45-72

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
90							1.5	2.2	1.5	0.6	0.2	0.1	2.7
85		1.0	2.3	4.0	15.6	34.0	57.3	66.5	68.8	53.6	23.8	4.1	24.7
80	7.0	73.3	77.9	88.6	97.8	100.0	100.0	99.9	100.0	99.6	78.0	84.0	91.6
75	90.0	99.7	99.6	100.0	100.0			100.0		100.0	100.0	100.0	99.9
70	100.0	100.0	100.0										100.0
MEAN	85.6	80.6	80.9	81.6	82.8	84.0	84.7	85.1	85.3	84.6	83.2	81.5	82.9
SD	1.71	1.992	2.056	1.823	1.844	1.483	1.719	1.751	1.666	1.787	1.824	1.826	2.407
TOTAL OBS	775	706	773	775	706	770	775	775	750	767	757	782	9237

# DAILY TEMPERATURES

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR MATRONS SERVICE/AC  
 P1000 JOHNSTON ISLAND/PACIFIC IS  
 STATION STATION NAME

45-72

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

UNITED STATES AIR FORCE

TEMP. °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50							3.9	9.7	11.1	8.7			2.8
55	23.6	26.0	27.6	44.7	71.7	84.9	90.6	90.6	91.1	85.3	73.2	47.2	63.4
60	92.9	91.7	93.4	97.0	99.1	99.9	100.0	100.0	100.0	99.7	98.7	96.8	97.4
65	99.9	99.7	100.0	100.0	100.0	100.0				100.0	99.9	99.7	99.9
70	100.0	100.0									100.0	100.0	100.0
75													
80													
85													
90													
95													
100													
MEAN	71.0	72.0	73.1	73.0	73.3	76.2	77.0	77.5	77.6	76.0	75.7	74.1	75.3
S D	2.557	2.121	2.173	2.037	1.871	1.791	1.793	1.898	1.713	2.277	2.334	2.226	2.470
TOTAL OBS	77	70	77	77	76	77	77	77	75	70	75	70	92

# DAILY TEMPERATURES

DATA PROCESSING RANGE  
 STATION: 21401 JERIMONT ISLAND/PACIFIC IS 45-70  
 STATION NAME: JERIMONT ISLAND/PACIFIC IS  
 YEARS: 1954-1955

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
65							5	13	12	3			3
70	4.0	3.0	4.7	15.0	44.3	76.4	88.1	90.6	91.5	82.7	69.7	15.7	49.1
75	93.0	98.3	92.5	98.2	99.5	100.0	100.0	100.0	100.0	99.7	99.2	97.2	97.6
79	100.0	100.0	100.0	100.0	100.0					100.0	100.0	100.0	100.0
MEAN	77.0	77.7	77.2	78.0	79.3	80.4	81.1	81.5	81.6	81.0	79.7	78.0	79.3
S. D.	1.727	1.683	1.672	1.519	1.498	1.373	1.387	1.465	1.453	1.643	1.724	1.669	2.119
TOTAL OBS	77	70	73	77	66	77	77	77	75	78	75	78	92

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

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

**EXTREME VALUES**

MAXIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

21603  
STATION

JOHNSTON ISLAND/PACIFIC IS  
STATION NAME

43-72

YEARS

WHOLE DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45				85	86	86	88	87	88	87	85	85	
46	83	83	83	82	85	84	86	87	87	87	84	83	87
47	82	82	83	85	85	86	86	88	88	88	89	85	89
48	85	86	86	87	88		93	92	94	90	90	89	
49	86	85	85	86	87	85	88	88	86	85	83	84	88
50	83	83	83		84	85	86	88	87	86	84	82	
51	82	85	84	85	86	88	88	87	90	89	87	85	90
52	84	84	85	84	85	86	87	88	87	87	85	85	88
53	84	82	84	83	85	85	86	87	87	86	85	83	87
54	85	83	82	85	85	86	87	88	88	88	85	84	88
55	83	83	82	82	83	84	85	86	86	88	86	85	88
56	86	84	83	81	85	85	86	86	87	87			
57											88	84	
58	82	83	84	84	86	87	87	88	87	88	86	83	88
59	83	84	82	84	85	87	88	88	88	88	86	85	88
60	83	84	85	85	87	84	86	85	85	86	84	86	87
61	86	85		84	86	86	83	83	85	83	84	86	
62	85	85	84	84	83	83	84	85	85	84	84	81	85
63	84	80	81	84	83	83	85	86	87	85	84	83	87
64	82	81	84	85	87	84	86	86	87	87	85	83	87
65	82	83	83	82	86	83	87	87	87	86	85	85	87
66	83	82	84	84	86	87	87	88	87	87	85	85	88
67	84	85	83	85	86	86	87	88	88	89	87	86	89
68	83	85	83	85	86	87	89	88	88	87	89	85	89
69	88	87	85	85	86	86	87	86	86	87	83	83	88
70	83	82	83	82	83	84	85	85	85	85	84	83	85
71	82	82	83	84	83	84							
MEAN	83.6	83.5	83.5	84.1	85.3	85.4	86.7	87.0	87.2	86.8	85.5	84.3	87.7
S D	1.630	1.636	1.180	1.412	1.402	1.221	1.887	1.683	1.848	1.607	1.911	1.626	1.226
TOTAL OBS	775	707	744	750	806	750	775	775	750	775	750	775	9132

2

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/HAC

**EXTREME VALUES**

MAXIMUM TEMPERATURE  
 (FROM DAILY OBSERVATIONS)

21603  
 STATION

JOHNSTON ISLAND/PACIFIC IS  
 STATION NAME

45-72

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
4:						88							MAX TEMP DAYS
5:				83		20							MAX TEMP DAYS
56				29									MAX TEMP DAYS
57											0	0	MAX TEMP DAYS
58	0	0	0	0	0	0	0	0	0	0	90	83	MAX TEMP DAYS
59	0	1	78	0	0	0	0	0	0	12	85		MAX TEMP DAYS
60	0	1	83	29									MAX TEMP DAYS
MEAN													
S D													
TOTAL OBS													

2

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**

MINIMUM TEMPERATURE  
 (FROM DAILY OBSERVATIONS)

21603 STATION JOHNSTON ISLAND/PACIFIC IS STATION NAME 45-72 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45				67	73	75	75	75	75	74	73	71	
46	72	70	72	68	72	74	76	74	74	74	69	70	68
47	70	71	73	73	75	74	75	72	74	74	77	73	70
48	71	69	70	70	74		72	73	71	68	70	68	
49	63	67	68	68	69	70	71	70	72	69	69	68	63
50	70	69	73		73	73	73	74	75	75	75	70	
51	68	70	71	70	74	73	76	76	76	74	75	72	68
52	67	71	70	71	70	70	74	73	73	73	71	72	67
53	72	71	72	72	73	75	75	75	77	74	74	70	70
54	68	70	69	72	73	75	74	76	75	75	73	71	68
55	69	69	68	70	71	72	74	73	72	70	70	70	68
56	67	69	70	68	72	72	74	75	75	73			
57											69	69	
58	68	67	68	70	69	72	73	71	73	71	70	69	67
59	70	68	69	71	71	73	72	74	72	70	73	70	68
60	68	67	71	70	72	71	72	72	72	71	73	70	68
61	68	67	71	70	72	74	76	76	75	66	63	65	63
62	65	64		70	74	74	76	76	75	75	73	71	
63	71	71	67	70	70	75	75	73	76	77	74	73	67
64	70	69	68	70	72	70	73	73	73	70	70	62	62
65	68	65	68	70	68	69	70	73	73	74	70	70	65
66	68	68	70	69	73	75	75	75	76	72	69	70	68
67	66	69	68	70	73	74	74	75	73	73	70	65	65
68	69	69	70	69	73	75	75	72	72	73	73	72	69
69	65	69	68	68	70	71	72	72	72	71	71	70	65
70	71	69	68	69	70	72	71	72	74	72	70	64	64
71	68	70	67	71	70	71	74	72	71	72	73	70	67
72	68	70	70	71	70	73							
MEAN	68.5	68.8	69.5	69.9	71.7	72.7	73.6	73.4	73.6	72.4	71.3	69.4	68.6
S D	2.236	1.772	1.794	1.424	1.850	1.882	1.680	1.633	1.756	2.313	2.881	2.769	2.326
TOTAL OBS	775	707	744	750	806	750	775	775	750	775	750	775	9132

1  
2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

### EXTREME VALUES

MINIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

21603 STATION      JOHNSTON ISLAND/PACIFIC IS      STATION NAME      49-72      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
4							76							MIN TEMP DAYS
5					70		20							MIN TEMP DAYS
56					29									MIN TEMP DAYS
57												0	0	MIN TEMP DAYS
58		0	0	0	0	0	0	0	0	0	0	1	7	73 MIN TEMP DAYS
59		0	1	0	0	0	0	0	0	0	12			75 MIN TEMP DAYS
60				65										MIN TEMP DAYS
				29										
	MEAN													
	S. D.													
	TOTAL OBS.													

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603      JOHNSTON ISLAND/PACIFIC IS      45-72      ALL  
STATION      STATION NAME      YEARS      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			
92/ 91					.0	.0	.0	.0										19	19					
90/ 89				.0	.0	.0	.0	.0										123	123					
88/ 87				.0	.1	.2	.1	.0										733	734					
86/ 85		.0	.0	.2	1.1	1.7	.2	.0										5260	5261					
84/ 83		.0	.1	1.4	4.1	2.4	.2	.0		.0								13406	13413	13	1			
82/ 81		.0	1.1	6.0	6.0	1.6	.2	.0		.0	.0							24051	24172	119	30			
80/ 79	.0	.3	5.8	15.3	5.7	1.1	.2	.0		.0								45952	46324	1216	190			
78/ 77	.0	1.0	7.7	10.8	3.0	.6	.2	.0		.0								37846	38319	9692	1474			
76/ 75	.0	1.4	5.7	6.1	1.7	.5	.1	.0										25120	25947	40957	9284			
74/ 73	.1	.8	1.6	1.1	.8	.3	.0	.0										7493	7677	51995	34450			
72/ 71	.0	.3	.2	.2	.1	.0	.0											1352	1369	34249	48002			
70/ 69	.0	.1	.1	.0	.0	.0												257	265	15413	36336			
68/ 67	.0	.0	.0	.0														27	31	5219	18103			
66/ 65	.0	.0																2	2	2139	6810			
64/ 63																				521	3486			
62/ 61																				104	1942			
60/ 59																					937			
58/ 57																					354			
56/ 55																					131			
54/ 53																					49			
52/ 51																					5			
50/ 49																					2			
TOTAL	.2	3.9	22.4	41.1	22.5	8.4	1.3	.2	.0	.0	.0							163656	163656	161586	161586			
																		161641	161641					

Element (X)	$\Sigma X'$	$\Sigma X$	R	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel. Hum.	947896592	12319206	76.2	7.345	161591							
Dry Bulb	1020643774	12915096	78.9	2.961	163656			8759.88668	22633.7			8760
Wet Bulb	866437417	11827019	73.2	2.583	161642			8603.38567	20.5			8760
Dew Point	808525549	11419097	70.7	3.098	161586			7987.12425	1	4.4		8760

USAF ETAC FORM 0-26-5 (OL A) REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 46-72

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS T. S. Y.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	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	.0																								13		13		
84/ 83				.1	.2		.3																							90		90			
82/ 81		.0	.2	1.0	2.4	1.4	.5																							690		704			
80/ 79	.0	.1	1.2	4.6	5.3	2.6	.7																							1828		1927	9		
78/ 77	.0	1.2	6.0	11.1	5.6	1.9	.6										.0													3336		3457	55		
76/ 75	.0	2.5	11.4	13.5	5.4	1.6	.5										.1													4378		4642	718		
74/ 73	.1	1.8	4.5	3.7	2.2	1.0	.2										.0													1692		1791	2414		
72/ 71	.1	.9	.8	.8	.2	.1	.1																							383		398	4143		
70/ 69	.1	.4	.3	.0	.0	.0																								95		100	3048		
68/ 67	.0	.0	.0																											11		14	1372		
66/ 65		.0																												1		1	536		
64/ 63																																179		881	
62/ 61																															44		429		
60/ 59																														4		239			
58/ 57																																	106		
56/ 55																																	64		
54/ 53																																	26		
52/ 51																																	5		
TOTAL	.4	6.8	24.3	34.8	21.5	8.9	2.8	.5	.1																						13138		12920		
																																12518		12518	

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	72907330	948768	75.8	8.929	12518	≤ 0 F	< 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	77070810	1005746	76.6	2.444	13138			743.9	714.9	98.6		744
Wet Bulb	62922001	886905	70.9	2.597	12518			698.9	190.0			744
Dew Point	58321096	853346	68.2	3.555	12520			546.2	59.1			744

USAFETAC FORM 0-26.5 (OL A) JAN 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 46-72 FEB  
STATION STATION NAME YEARS 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
86/85				.0				.0									5	5		
84/83			.0	.1	.2	.2	.1	.0	.0								92	92		
82/81		.0	.3	.9	2.2	1.5	.7	.2	.0	.0							707	714		
80/79		.1	1.0	4.3	5.3	2.9	.6	.2	.0	.0							1713	1763	10	3
78/77		.4	4.8	9.0	6.0	1.8	.6	.1	.0								2688	2724	72	23
76/75	.0	1.9	12.7	15.1	5.8	1.7	.3	.0									4480	4599	459	81
74/73	.0	1.4	5.0	4.7	3.1	1.4	.2	.0									1886	1902	2056	606
72/71	.1	.8	.7	.6	.2	.1	.0										288	288	3967	1826
70/69	.1	.1	.2	.1	.0												62	62	3146	3165
68/67				.0													2	2	1444	2710
66/65																			600	1646
64/63																			139	935
62/61																			30	496
60/59																				279
58/57																				101
56/55																				33
54/53																				16
50/49																				2
TOTAL	.2	4.7	24.6	34.7	22.8	9.6	2.6	.6	.1	.0	.0						11923	12151	11923	11922

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	68432894	897308	75.3	8.702	11923							
Dry Bulb	71194097	929629	76.9	2.427	12151			672.0	652.5	92.5		672
Wet Bulb	59565142	842194	70.6	2.522	11923			628.7	146.4	.2		672
Dew Point	55059656	809154	67.9	3.449	11922			474.3	40.2	.1		672

USAFETAC FORM 0-26-5 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS

46-72

MAR

STATION

STATION NAME

YEARS

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															
86/ 85				.0	.2	.0	.0	.0											7	7																
84/ 83			.0	.2	.4	.5	.1	.0											164	164																
82/ 81			.2	1.5	3.0	2.0	.3	.0											937	937																
80/ 79		.0	1.1	4.7	6.0	1.9	.6	.1											1954	1956	5	2														
78/ 77		.4	3.6	10.5	4.2	1.6	.6	.0											3120	3123	72	6														
76/ 75	.0	1.8	13.3	16.0	4.1	1.3	.2	.0											4999	5007	728	107														
74/ 73	.1	1.5	4.8	4.0	3.2	.9	.1												1972	1975	2730	809														
72/ 71	.1	.8	.7	.4	.6	.2	.0												380	380	4854	2368														
70/ 69	.0	.1	.2	.1	.0	.0													54	54	3107	4045														
68/ 67		.0	.0	.0															7	7	1299	3120														
66/ 65																					635	1325														
64/ 63																					138	856														
62/ 61																					25	589														
60/ 59																					1	237														
58/ 57																						79														
56/ 55																						23														
54/ 53																						3														
TOTAL	.2	4.7	25.8	37.3	21.5	8.5	1.9	.2													13610	13569														
																					13594	13594														
Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	$\leq 0$ F	$\leq 32$ F	Mean No. of Hours with Temperature					Total																							
Rel. Hum.	79171185	1030763	76.0	8.033	13570			$\leq 67$ F	$\leq 73$ F	$\leq 80$ F	$\leq 93$ F	744																								
Dry Bulb	80005335	1042929	76.6	2.515	13610			744.0	719.9	114.9		744																								
Wet Bulb	68518953	964513	71.0	2.507	13594			700.3	193.5			744																								
Dew Point	63452730	926826	68.3	3.282	13569			573.4	50.7			744																								

USAFETAC FORM 0-26-5 (OLA) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 45-72 APR  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 ALL  
 HOURS (L, S, T, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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															
86/ 85				.0	.0	.2	.1	.0										49		49															
84/ 83			.0	.2	.9	1.2	.2											350		353															
82/ 81		.0	.5	2.3	4.7	2.4	.2	.0										1365		1380															
80/ 79		.0	2.3	7.0	6.6	1.4	.2	.0	.0									2389		2439		10													
78/ 77	.0	.8	9.5	15.4	4.2	.4	.1	.0										4141		4213		158													
76/ 75	.0	2.1	12.5	13.9	2.1	.2	.1	.0										4211		4304		1350													
74/ 73	.1	1.5	3.6	1.2	.5	.1	.0											955		978		3986													
72/ 71	.1	.6	.9	.1	.0	.0												142		143		5189													
70/ 69	.0	.1	.0	.0														20		22		2464													
68/ 67	.0	.0																2		2		357													
66/ 65																						82													
64/ 63																						26													
62/ 61																						3													
60/ 59																						35													
58/ 57																						20													
56/ 55																						6													
54/ 53																						4													
TOTAL	.2	5.2	28.6	40.0	19.0	6.0	.9	.1	.0									13625		13884		13623													
																						13625													

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	82173694	1053460	77.3	7.250	13624	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	83391621	1075471	77.5	2.465	13884			720.0	711.3	155.9		720
Wet Bulb	70442675	982075	72.1	2.024	13625			714.1	290.9			720
Dew Point	66202769	949049	69.7	2.528	13623			659.3	85.2			720

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

AD-A102 409 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC P/G 4/2  
JOHNSTON ISLAND, PACIFIC ISLAND, REVISED UNIFORM SUMMARY OF SIM--ETC  
JUN 73

UNCLASSIFIED USAFETAC/DS-81/071

SBIE-AD-E850 0A1

14

4 of 5

A large grid consisting of 10 columns and 15 rows. The majority of the cells in this grid are filled with solid black, obscuring any data that might have been present. Only the top-left cell of the grid is white and contains the text '4 of 5' and a small black square icon.

1  
2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603      JOHNSTON ISLAND/PACIFIC IS      45-72      MAY

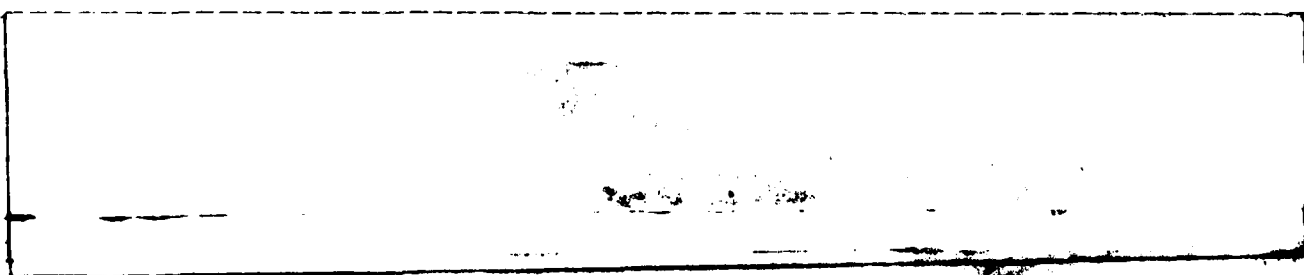
PAGE 1      ALL  
HOURS (L. S. T.)

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														
88/ 87					.0	.0	.1	.0	.0									27	27																
86/ 85				.0	.2	.8	.4	.0										201	201																
84/ 83		.0	.1	.9	2.6	2.6	.2	.0										894	895																
82/ 81		.0	.7	4.0	7.6	2.4	.1	.0										2103	2144	2															
80/ 79		.1	4.1	12.0	6.7	.6	.0											3328	3364	39	10														
78/ 77	.0	1.4	13.9	18.3	3.1	.1												5211	5297	407	63														
76/ 75	.0	1.5	6.5	6.3	.5	.0												2113	2183	2642	533														
74/ 73	.1	.6	.8	.1	.0													228	232	6037	2233														
72/ 71	.1	.1	.0															24	24	4021	4935														
70/ 69	.0																	1	1	930	4384														
68/ 67	.0																	1	1	53	1688														
66/ 65																					231														
64/ 63																					46														
62/ 61																					7														
60/ 59																					1														
TOTAL	.2	3.8	26.1	41.7	20.6	6.6	.9	.0	.0										14369		14131														
																		14131			14131														

Element (X)	Σ x²	Σ x	$\bar{x}$	s²	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	84538548	1088592	77.0	6.927	14131							
Dry Bulb	89121133	1131083	78.7	2.444	14369			744.0	742.7	250.8		744
Wet Bulb	75717080	1034076	73.2	1.797	14131			744.0	680.5	.8		744
Dew Point	70874907	1000297	70.8	2.169	14131			729.0	149.5	.2		744

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



2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 49-72 JUN

STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	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	.0	.4	.1										65	65		
86/ 85				.1	.5	1.7	.4	.0										374	374		
84/ 83		.0	.1	1.2	6.0	5.4	.4											1784	1785		
82/ 81		.0	1.1	5.4	9.7	1.9	.1											2476	2499	3	
80/ 79		.2	6.1	20.2	6.4	.2												4495	4512	54	
78/ 77	.0	.8	9.5	16.5	1.8	.0												3894	3935	641	
76/ 75	.0	.7	1.8	.7														447	468	3804	
74/ 73	.0	.2	.1															47	48	6664	
72/ 71	.0	.0																6	6	2254	
70/ 69																				168	
68/ 67																				3672	
66/ 65																				669	
64/ 63																				60	
TOTAL	.1	2.1	18.7	44.1	24.4	9.3	1.2	.1											13692	13586	2
																		13588		13588	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	78433981	1028425	75.7	6.593	13587	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	720
Dry Bulb	87415320	1093548	79.9	2.359	13692			720.0	719.7	352.2		720
Wet Bulb	74240097	1004151	73.9	1.970	13588			720.0	591.7	.7		720
Dew Point	69292830	969918	71.4	1.907	13586			716.7	183.8	.2		720

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS

45-71

JUL

STATION

STATION NAME

YEARS

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
92/ 91						.0	.0	.0										5	5		
90/ 89					.0	.1	.1	.0										34	34		
88/ 87				.0	.2	.9	.2											120	120		
86/ 85		.0	.1	.6	2.0	2.9	.2											820	820		
84/ 83		.0	.9	2.0	7.6	5.0	.2											2131	2131	2	1
82/ 81		.0	1.5	8.0	8.4	1.3												2711	2711	27	7
80/ 79	.0	.3	9.5	5.3	5.6	.0												5748	5748	213	41
78/ 77	.0	.7	5.5	9.5	.9													2347	2347	1341	227
76/ 75	.0	.5	.6	.1	.0													184	184	5500	1132
74/ 73	.0	.1	.0															15	15	5632	4283
72/ 71																				1363	5361
70/ 69																				36	2688
68/ 67																				1	361
66/ 65																					14
TOTAL	.0	1.6	17.4	45.6	24.8	9.8	.7	.0										14115	14115	14115	
																		14115	14115		

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	81442266	1068530	75.7	6.258	14115							744
Dry Bulb	91720801	1137325	80.6	2.383	14115			744.0	744.0	467.0		744
Wet Bulb	78494725	1052327	74.6	1.678	14115			744.0	670.2	5.6		744
Dew Point	73375840	1017310	72.1	1.979	14115			743.8	300.0	.8		744

FORM 0-26-5 (O.L.A.) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 USAFETAC

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 STATION JOHNSTON ISLAND/PACIFIC IS STATION NAME 45-71 YEARS AUG 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
92/ 91					.0	.0	.0										10	10		
90/ 89				.1	.1	.1	.1	.0	.0								59	59		
88/ 87				.1	.2	.5	.1										137	137		
86/ 85			.0	.7	3.3	4.8	.4	.0									1350	1350		
84/ 83		.0	.3	3.0	8.6	3.7	.1										2207	2207	10	
82/ 81		.1	2.5	12.7	7.1	.5											3225	3225	44	13
80/ 79		.8	11.0	25.8	3.8	.0											5859	5860	325	51
78/ 77	.0	1.3	3.4	2.8	.3												1082	1082	2164	394
76/ 75	.1	.8	.3	.1													164	164	6953	1862
74/ 73	.0	.1	.0	.0													22	22	4133	5564
72/ 71																			470	4692
70/ 69																			16	1424
68/ 67																				108
66/ 65																				8
TOTAL	.1	3.0	17.4	45.2	23.7	9.7	.8	.0	.0								14115	14116	14115	14116

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	82598213	1075697	76.2	6.627	14115	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	92973379	1145109	81.1	2.389	14116			744.0	744.0	589.0		744
Wet Bulb	79828541	1061257	75.2	1.609	14115			744.0	718.4	8.7		744
Dew Point	74833562	1027436	72.8	1.910	14116			743.6	415.3	1.7		744

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

1  
2  
1

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603      JOHNSTON ISLAND/PACIFIC IS      45-71      SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1      ALL

HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B. W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	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																		4	4			
90/ 89						.0	.0	.1										20	20			
88/ 87					.0	.3	1.1	.3	.0									244	244			
86/ 85				.0	.4	3.3	5.1	.4	.0									1278	1278			
84/ 83		.0	.2	3.1	4.2	3.3	.1											2199	2199			
82/ 81		.1	2.0	13.5	8.1	.5	.0											3293	3294	22	2	
80/ 79		.4	9.1	26.0	3.7	.3												5385	5391	227	26	
78/ 77	.0	.9	3.4	3.4	.3													1096	1101	2012	234	
76/ 75	.1	.5	.3	.1	.0													127	127	6728	1563	
74/ 73	.0	.0	.0															7	7	4138	5421	
72/ 71		.0																1	1	469	4949	
70/ 69																				57	1261	
68/ 67																				1	127	
66/ 65																					45	
64/ 63																					2	
TOTAL	.1	1.8	15.0	46.5	25.1	10.6	.8	.1										13666	13654	13654		
																			13654			

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	78447964	1030466	75.6	6.305	13630							
Dry Bulb	90185874	1109694	81.2	2.382	13666			720.0	719.9	560.4		720
Wet Bulb	77048110	1023456	75.1	1.962	13654			720.0	692.2	4.0		720
Dew Point	71968276	990110	72.6	1.812	13630			717.5	382.8	.5		720

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

2

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 STATION JOHNSTON ISLAND/PACIFIC IS STATION NAME 45-71 YEARS OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26					27-28	29-30	>31
90/ 89						.0	.0	.0										9	9		
88/ 87				.0	.2	.4	.2	.0										120	121		
86/ 85			.0	.4	2.4	3.0	.4	.0										882	882		
84/ 83			.2	3.3	7.5	3.3	.2	.0										2047	2048		
82/ 81		.0	2.5	11.7	7.2	.9	.0											3156	3157	17	6
80/ 79		.5	11.8	23.0	5.1	.2												5739	5739	199	26
78/ 77	.0	1.3	6.9	4.2	.5													1421	1421	1823	212
76/ 75	.1	1.0	.7	.2														286	286	6552	1748
74/ 73	.0	.2	.1															48	48	4553	5455
72/ 71		.1	.0															9	9	893	4652
70/ 69	.0																	1	1	81	1641
68/ 67																					339
66/ 65																					34
64/ 63																					2
62/ 61																					1
TOTAL	.1	3.2	22.2	22.8	22.9	7.8	.9	.0										14121		14116	
																		14118		14118	

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	91934703	1138905	76.7	6.731	14118			744.0	743.5	506.7		744
Wet Bulb	79223426	1057330	74.9	1.630	14118			744.0	692.7	3.9		744
Dew Point	74330404	1023950	72.5	1.971	14116			742.0	392.5	.7		744

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

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2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 STATION      JOHNSTON ISLAND/PACIFIC IS      45-71      YEARS      NOV 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														
90/ 89						.0												1	1																
88/ 87				.0	.0	.0	.0											11	11																
86/ 85			.0	.2	.7	.8	.2	.0										261	262																
84/ 83			.2	1.6	3.9	2.3	.4	.0	.0									1119	1120	1															
82/ 81		.0	1.0	6.5	6.7	1.8	.3	.0										2161	2171	3	1														
80/ 79	.0	.3	6.6	19.5	7.5	1.0	.1	.0										4885	4893	82	9														
78/ 77	.0	1.8	12.5	11.3	3.5	.4	.1											3886	3898	722	128														
76/ 75	.1	1.4	2.0	1.3	.3	.2	.0											712	714	4018	876														
74/ 73	.0	.5	.2	.1	.1	.0												123	123	3439	3512														
72/ 71	.0	.1	.0															20	20	2273	4540														
70/ 69	.0																	1	1	515	2620														
68/ 67																				91	1027														
66/ 65																				35	303														
64/ 63																				2	95														
62/ 61																					43														
60/ 59																					24														
58/ 57																					2														
TOTAL	.2	4.1	24.5	40.5	22.8	6.7	1.1	.1	.0										13214		13180														
																			13180		13181														

Element (X)	Σ X <sup>2</sup>	Σ X	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Dry Bulb	78593344	1013428	76.9	7.159	13181			720.0	718.9	311.1		720
Wet Bulb	83467618	1049798	79.4	2.226	13214			718.0	560.7	1.5		720
Dew Point	71852459	972853	73.8	1.926	13181			694.3	247.2	.1		720
	67285217	941137	71.4	2.494	13180							720

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 STATION JOHNSTON ISLAND/PACIFIC IS STATION NAME 46-72 YEARS JAN MONTH

PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
80/ 79				.1	.1	.1												5	5																
78/ 77		2.2	6.6	9.0	2.1	.1												310	313																
76/ 75		3.5	18.9	20.6	6.7	1.8	.1											804	854	49	22														
74/ 73	.2	1.9	7.0	7.1	4.4	1.5	.3	.1										350	371	213	61														
72/ 71		1.5	1.1	1.1	.4	.2	.1											69	71	536	256														
70/ 69	.2	.4	.3	.1	.2	.1												19	21	438	422														
68/ 67	.1	.1																2	2	204	378														
66/ 65																				89	198														
64/ 63																				26	100														
62/ 61																				8	68														
60/ 59																					32														
58/ 57																					12														
56/ 55																					9														
54/ 53																					2														
TOTAL	.4	9.0	33.9	38.0	13.9	3.7	.4	.1										1559	1637	1559	1560														

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	9752303	122699	78.7	7.827	1559	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	9249777	123025	75.2	1.586	1637			93.0	87.7			93
Wet Bulb	7713075	109389	70.3	2.480	1559			85.7	19.4			93
Dew Point	7224316	106024	68.0	3.444	1560			67.9	4.9			93

USAFETAC FORM 44 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21603 STATION JOHNSTON ISLAND/PACIFIC IS 46-72 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														
80/79					.1													1	1																
78/77		1.3	4.0	4.7	1.2	.1												176	181																
76/75		3.8	20.0	22.2	5.6	2.0	.1											835	874	30	12														
74/73	.2	3.1	9.8	7.6	5.1	1.6	.9	.1										434	462	172	55														
72/71	.2	1.2	1.4	1.9	.6	.2	.1											88	89	223	232														
70/69	.1	.6	.6	.1														21	24	461	437														
68/67		.1	.1															2	4	225	370														
66/65		.1																1	1	116	195														
64/63																				26	131														
62/61																				9	59														
60/59																				2	45														
58/57																					9														
56/55																					9														
54/53																					4														
52/51																					1														
TOTAL	.4	10.1	35.8	36.5	12.6	3.9	.7	.1										1558	1636	1558	1559														

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	9789769	122869	78.9	8.011	1558	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	9167247	122437	74.8	1.594	1636			92.9	86.2			93
Wet Bulb	7654627	109137	70.0	2.489	1558			84.2	12.1			93
Dew Point	7168936	105980	67.7	3.469	1559			66.0	4.0			93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603      JOHNSTON ISLAND/PACIFIC IS      46-72      JAN  
STATION      STATION NAME      YEARS      MONTH

PAGE 1      0600-0800  
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
82/ 81					.1																											1	1			
80/ 79				.1	1.1	.8	.2																									33	33			
78/ 77		1.2	6.1	10.1	3.9	.8	.2																									348	365			
76/ 75		2.8	14.2	19.3	6.5	2.2	.3																									710	753	31	9	
74/ 73	.3	2.7	7.5	6.8	3.7	1.5	.4																									359	373	214	66	
72/ 71	.1	1.3	1.6	1.7	.6	.1	.4																									92	96	503	228	
70/ 69	.2	.3	.7	.2																												21	21	458	414	
68/ 67	.1																															1	1	215	372	
66/ 65																																			105	230
64/ 63																																			27	112
62/ 61																																			10	71
60/ 59																																			2	36
58/ 57																																				13
56/ 55																																				6
54/ 53																																				5
52/ 51																																				3
TOTAL	.7	8.2	30.2	39.2	15.5	4.9	1.3																												1565	1565

Element (X)	$\sum x'$	$\sum x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	9562674	121650	77.7	8.257	1565			93.0	86.3	.3		93
Dry Bulb	9310743	123649	75.3	1.772	1643							93
Wet Bulb	7708676	109766	70.1	2.517	1565			84.4	14.6			93
Dew Point	7183366	105884	67.7	3.533	1565			64.7	4.5			93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21603      JOHNSTON ISLAND/PACIFIC IS      46-72      JAN  
STATION      STATION NAME      YEARS      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														
86/ 85						.1												1	1																
84/ 83				.1	.1	.1												6	6																
82/ 81		.1	.4	1.9	3.3	2.0	.6											130	131																
80/ 79	.1	.1	2.7	12.5	12.9	5.1	1.3	.1	.1									545	581	2	1														
78/ 77	.1	.5	5.2	12.5	10.6	5.3	1.5	.2	.1									563	594	14	7														
76/ 75		1.1	3.2	4.3	3.7	1.3	1.1	.3										235	243	135	19														
74/ 73	.1	1.2	1.2	.9	.3	.2	.1											60	62	404	135														
72/ 71	.1	.5	.2	.3														18	18	501	308														
70/ 69	.1	.3	.1															6	6	303	384														
68/ 67																				145	299														
66/ 65																				39	188														
64/ 63																				17	114														
62/ 61																				4	58														
60/ 59																					25														
58/ 57																					14														
56/ 55																					6														
54/ 53																					5														
52/ 51																					1														
TOTAL	.4	3.7	13.0	32.4	30.9	14.1	4.7	.7	.1									1564	1642	1564															

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	Total
Rel. Hum.	8390348	113726	72.7	8.791	1564							
Dry Bulb	10009881	128159	78.1	2.065	1642			93.0	91.6	22.6		93
Wet Bulb	7991266	111722	71.4	2.601	1564			89.4	33.0			93
Dew Point	7331243	106923	68.4	3.704	1564			68.6	9.6			93

USAFETAC FORM 0-26-5 (O.L.A.) JUL 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 46-72 JAN  
STATION STATION NAME YEARS 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														
86/ 85						.1	.1	.1										3	3																
84/ 83				.2	.4	.6	.2											22	22																
82/ 81		.5	2.2	4.5	2.9	1.3												178	180																
80/ 79		.1	2.1	10.7	13.1	7.0	1.5	.3										545	563	4															
78/ 77		.8	5.6	12.7	10.0	4.1	1.8	.4	.1									556	594	10	4														
76/ 75	.1	.6	3.5	3.4	2.7	1.1	.6	.2										191	207	138	22														
74/ 73	.1	.9	1.5	.5	.1													48	49	412	141														
72/ 71	.1	.3	.3	.1														13	15	521	287														
70/ 69		.4																7	7	309	405														
68/ 67		.2	.1															4	5	114	317														
66/ 65																				39	199														
64/ 63																				19	100														
62/ 61																				1	41														
60/ 59																					26														
58/ 57																					14														
56/ 55																					9														
54/ 53																					2														
TOTAL	.3	3.2	13.6	29.7	30.8	15.9	5.5	1.0	.1									1567	1645		1567														

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Rel. Hum.	8333129	113413	72.4	8.926	1567							
Dry Bulb	10079777	128717	78.2	2.207	1645			93.0	91.5	26.7		93
Wet Bulb	8031716	112118	71.5	2.493	1567			89.5	33.5			93
Dew Point	7364958	107282	68.5	3.581	1567			69.8	9.9			93

USAFETAC FORM 0-20-5 (O.L.A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603      JOHNSTON ISLAND/PACIFIC IS      46-72      JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1      1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
82/ 81					.1													1	1																
80/ 79		.1	1.0	1.3	.3	.3												44	44																
78/ 77		1.7	10.1	20.1	7.6	.7	.1											633	641	3															
76/ 75	.1	3.3	11.0	16.4	9.7	2.2	.6	.2										683	734	59	22														
74/ 73	.1	1.8	3.5	2.5	1.3	1.4	.3											170	185	298	89														
72/ 71		.6	.6	.6														28	29	541	289														
70/ 69		.3	.3															9	9	416	410														
68/ 67	.1																	2	2	173	373														
66/ 65																				53	191														
64/ 63																				21	108														
62/ 61																				6	39														
60/ 59																					23														
58/ 57																					13														
56/ 55																					8														
54/ 53																					3														
TOTAL	.3	7.7	26.6	40.9	18.9	4.5	1.0	.2										1570	1645	1570	1570														

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	9462880	121248	77.2	7.949	1570							
Dry Bulb	9512499	125069	76.0	1.586	1645			93.0	90.7	.6		93
Wet Bulb	7871614	111102	70.8	2.449	1570			88.3	21.3			93
Dew Point	7334102	107172	68.3	3.413	1570			70.1	6.6			93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21003 STATION JOHNSTON ISLAND/PACIFIC IS STATION NAME 46-72 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			
80/ 79			.1		.1													3	3					
78/ 77		1.8	8.6	14.2	3.6	.2												445	452					
76/ 75	.1	3.8	18.4	20.1	7.7	1.7	.5											821	871	55	22			
74/ 73	.3	2.0	4.4	3.3	3.1	1.7	.4											238	255	258	85			
72/ 71	.2	1.0	1.2	.9	.2	.1	.1											57	60	562	267			
70/ 69		.3																4	4	409	445			
68/ 67																				187	343			
66/ 65																				67	198			
64/ 63																				24	112			
62/ 61																				6	44			
60/ 59																					25			
58/ 57																					19			
56/ 55																					6			
54/ 53																					2			
TOTAL	.6	8.8	32.8	38.5	14.6	3.8	1.0											1568	1645	1568	1568			

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	9701127	122717	78.3	7.863	1568							
Dry Bulb	9392338	124276	75.5	1.474	1645			93.0	89.4			93
Wet Bulb	7823262	110690	70.6	2.438	1568			87.2	18.6			93
Dew Point	7310519	106931	68.2	2.413	1568			68.9	6.3			93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 46-72 FEB  
STATION STATION NAME YEARS MONTH

PAGE 1 0000-0200  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																		
80/ 79						.1	.1																										2	2				
78/ 77		.2	2.8	5.2	1.8			.1																									150	150				
76/ 75		3.0	2.9	25.0	6.8	1.1	.1																										877	903	4			
74/ 73	.1	1.9	8.4	8.7	5.1	2.1	.5																										398	402	148	33		
72/ 71	.1	.8	1.0	.9	.3	.1																											49	49	538	200		
70/ 69	.1	.3	.3	.2																													13	13	456	442		
68/ 67																																				221	361	
66/ 65																																				95	204	
64/ 63																																				23	133	
62/ 61																																				6	58	
60/ 59																																						36
58/ 57																																						10
56/ 55																																						6
54/ 53																																						4
TOTAL	.3	6.2	35.4	40.0	14.0	3.4	.7	.1																											1489	1519	1489	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	9165479	116415	78.2	7.503	1489	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	8541054	113884	75.0	1.365	1519			84.0	80.6			84
Wet Bulb	7299117	104197	70.0	2.265	1489			77.0	8.6			84
Dew Point	6814164	100614	67.6	3.230	1489			58.4	1.9			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

21603 JOHNSTON ISLAND/PACIFIC IS 46-72 FEB  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 0900-0900  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
78/ 77		.1	1.4	1.5	.4	.1	.1	.1										54	54																
76/ 75	.1	3.4	22.1	24.6	5.2	.6	.1											834	857	4	1														
74/ 73		3.3	10.8	10.1	6.4	2.4	.5											500	507	119	32														
72/ 71		1.5	1.5	1.5	.7	.2												82	82	478	176														
70/ 69	.1	.2	.4	.3	.1													17	17	499	410														
68/ 67				.1														2	2	233	373														
66/ 65																				121	233														
64/ 63																				27	120														
62/ 61																				8	82														
60/ 59																					34														
58/ 57																					18														
56/ 55																					8														
54/ 53																					2														
TOTAL	.2	8.5	36.3	38.1	12.9	3.3	.6	.1										1489	1519	1489	1489														
																					1489		1489												

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	9263175	116891	78.5	7.641	1489	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	8458826	113334	74.6	1.375	1519			84.0	78.4			84
Wet Bulb	7245770	103812	69.7	2.329	1489			79.2	6.9			84
Dew Point	6767400	100262	67.3	2.304	1489			96.0	1.9			84

USAFETAC FORM 0-26-5 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 46-72

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														
80/ 79			.3	.5	.2	.2												17	17																
78/ 77		.3	5.2	8.5	4.1	.8	.1	.1										282	289																
76/ 75		2.4	16.9	20.5	7.1	1.5	.5											727	746	20	1														
74/ 73		1.4	8.7	7.6	5.5	2.1	.3	.1										382	386	161	58														
72/ 71	.1	1.0	1.5	1.1	.7	.3	.1											73	73	476	184														
70/ 69	.1	.1	.1	.1	.1													8	8	464	375														
68/ 67																				220	388														
66/ 65																				112	213														
64/ 63																				25	127														
62/ 61																				11	75														
60/ 59																					39														
58/ 57																					19														
56/ 55																					7														
54/ 53																					3														
TOTAL	.1	5.2	32.6	38.2	17.8	5.0	.9	.1										1489	1519	1489	1489														

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	8967440	114970	77.2	7.789	1489	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	8593520	114226	75.2	1.610	1519			84.0	79.5	.1		84
Wet Bulb	7289978	104122	69.9	2.438	1489			73.7	10.2			84
Dew Point	6779833	100349	67.4	3.429	1489			56.8	3.3			84

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603      JOHNSTON ISLAND/PACIFIC IS      46-72      FEB

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															
84/ 83			.1	.1	.2	.2												8		8																
82/ 81		.1	.5	1.5	3.1	1.8	.6	.3		.1								119	120																	
80/ 79		.2	3.1	10.6	13.7	6.4	1.5	.4										535	552	3	2															
78/ 77		.3	5.5	12.1	11.6	3.9	1.3	.2	.1									520	528	16	5															
76/ 75		.7	3.0	4.4	3.1	2.4	1.0	.1										216	218	110	16															
74/ 73		.6	1.3	1.4	.5	.3	.1											65	65	368	121															
72/ 71	.1	.9	.3	.1														21	21	462	254															
70/ 69	.1		.2															4	4	322	388															
68/ 67																				138	290															
66/ 65																				50	191															
64/ 63																				18	112															
62/ 61																				1	49															
60/ 59																						38														
58/ 57																						13														
56/ 55																						5														
54/ 53																						4														
TOTAL	.1	2.8	14.0	30.2	32.2	15.0	4.6	.9	.1	.1								1488	1517	1488	1488															

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	7920422	107784	72.4	8.719	1488	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	9243206	118372	78.0	2.087	1517			84.0	82.6	19.8		84
Wet Bulb	7576428	106108	71.3	2.588	1488			80.1	28.1	.1		84
Dew Point	6941789	101488	68.2	3.693	1488			60.7	8.1	.1		84

USAFETAC FORM 34 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21603 STATION JOHNSTON ISLAND/PACIFIC IS STATION NAME 46-72 YEARS FER 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														
86/ 85				.1					.1									4	4																
84/ 83				.6	1.3	1.3	1.0	.3	.1	.1								70	70																
82/ 81		.1	1.3	4.0	9.7	7.1	2.9	1.0	.3	.1	.1							395	401																
80/ 79		.1	2.4	10.5	15.0	8.9	2.1	.4										590	609	4	1														
78/ 77		.1	1.7	5.4	6.4	3.7	1.9	.3	.1									285	288	38	13														
76/ 75		.6	1.7	2.3	1.3	.9	.3	.1										106	106	174	32														
74/ 73		.7	1.1	.2	.1													30	30	417	143														
72/ 71	.1	.2	.1															6	6	444	259														
70/ 69	.2	.2																6	6	274	362														
68/ 67																				101	293														
66/ 65																				34	196														
64/ 63																				5	81														
62/ 61																				1	68														
60/ 59																					29														
58/ 57																					8														
56/ 55																					4														
50/ 49																					2														
<b>TOTAL</b>	.3	2.0	8.3	23.1	33.7	21.9	7.8	2.1	.5	.1	.1							1492	1520	1492	1491														
Element (X)	Σx <sup>2</sup>		Σx		X	s <sub>x</sub>	No. Obs.		Mean No. of Hours with Temperature																										
Rel. Hum.	7425522		104380		70.0	9.087	1492		≤ 0 F	- 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																				
Dry Bulb	9595468		120722		79.4	2.213	1520				84.0	83.3	46.6		84																				
Wet Bulb	7726560		107300		71.9	2.974	1492				81.7	39.6	.2		84																				
Dew Point	7018269		102142		68.5	3.738	1491				62.1	10.6			84																				

USAFETAC FORM 0-26-5 (O.L.A.) REPRODUCED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1  
2  
1

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS

46-72

FEB

STATION

STATION NAME

YEARS

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														
86/ 85				.1		.2	.3	.2	.1									1	1																
84/ 83		.1	.6	1.9	4.8	3.2	1.7	.4										14	14																
80/ 79		.2	1.9	11.9	13.1	7.1	1.1	.3	.1									190	190																
78/ 77		.4	5.5	10.6	11.0	4.6	1.5	.2										533	546	3															
76/ 75		.6	3.6	3.8	3.3	2.1	.6											504	518	17	5														
74/ 73		.7	.9	.3	.1	.1												210	210	110	22														
72/ 71		.3	.2															30	30	381	117														
70/ 69	.1	.1	.1															7	7	491	273														
68/ 67																		3	3	314	362														
66/ 65																				129	302														
64/ 63																				42	195														
62/ 61																				5	111														
60/ 59																					63														
58/ 57																					30														
56/ 55																					10														
TOTAL	.1	2.3	12.7	28.6	32.5	17.2	5.2	1.1	.3									1492	1519	1492	1492														

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	7790356	107024	71.7	8.726	1492	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	9340843	119077	78.4	2.020	1519			84.0	83.4	25.2		84
Wet Bulb	7630400	106636	71.5	2.447	1492			81.4	28.8			84
Dew Point	6977024	101892	68.3	3.531	1492			60.9	8.1			84

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

1  
2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 46-72 FEB  
STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb
82/ 81					.1		.1										3	3		
80/ 79		.1	.2	.8	.5	.5	.2	.1									35	35		
78/ 77		.7	9.5	17.7	9.1	1.1	.1										569	572	1	
76/ 75		2.2	12.9	15.8	10.5	3.7	.3										677	701	23	6
74/ 73	.1	1.3	3.4	3.3	2.4	1.8	.1										185	185	262	57
72/ 71	.1	.7	.1	.3													18	18	531	255
70/ 69	.1	.1	.1														5	5	389	385
68/ 67																			197	341
66/ 65																			72	208
64/ 63																			17	133
62/ 61																				57
60/ 59																				37
58/ 57																				12
56/ 55																				1
TOTAL	.3	5.0	26.3	37.9	22.6	7.1	.7	.1									1492	1519	1492	1492

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	8767622	113756	76.2	7.958	1492			84.0	82.7	.7		84
Dry Bulb	8781731	115475	76.0	1.469	1519							84
Wet Bulb	7420483	105169	70.5	2.292	1492			79.0	16.1			84
Dew Point	6879997	101197	67.8	3.289	1492			58.8	3.5			84

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

1  
2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 STATION JOHNSTON ISLAND/PACIFIC IS STATION NAME 46-72 YEARS FEB MONTH

PAGE 1 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
80/79				.1														1	1																
78/77		.7	6.8	10.8	3.4	.1												324	325																
76/75		2.5	18.6	24.5	8.6	1.6												833	858	14	3														
74/73	.1	1.7	5.2	5.7	4.6	2.2	.3											296	297	200	45														
72/71	.3	.8	.5	.5														32	32	549	225														
70/69		.2	.2															6	6	428	441														
68/67																				205	362														
66/65																				74	206														
64/63																				19	116														
62/61																				3	44														
60/59																					36														
58/57																					11														
56/55																					3														
TOTAL	.3	5.9	31.4	41.6	16.6	3.9	.3											1492	1519	1492															
Element (X)	Σ X'	Σ X	Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	9112678	116088	77.8	7.235	1492	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb	8639449	114339	75.4	1.340	1519			84.0	81.9			84																							
Wet Bulb	7376408	104854	70.3	2.248	1492			78.6	12.0			84																							
Dew Point	6881220	101216	67.8	3.192	1492			60.6	2.7			84																							

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

2

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603      JOHNSTON ISLAND/PACIFIC IS      46-72      MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1      0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
80/ 79			.1		.1																													3	3			
78/ 77		.7	5.2	5.0	.9	.1																												203	204			
76/ 75		2.9	22.3	26.2	5.3	.9																												979	980	21	1	
74/ 73		2.1	8.5	7.5	5.3	1.2	.1																											420	421	192	63	
72/ 71		1.2	1.3	.9	1.0	.3																												80	80	638	246	
70/ 69	.1	.1	.3	.1																														11	11	522	530	
68/ 67			.1	.1																														2	2	195	426	
66/ 65																																					104	187
64/ 63																																					23	123
62/ 61																																				3	72	
60/ 59																																						36
58/ 57																																					7	
56/ 55																																					4	
TOTAL	.1	7.0	37.8	39.8	12.7	2.7	.1																													1701	1695	
																																				1698	1698	

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Rel. Hum.	10613511	133627	78.8	6.824	1695							
Dry Bulb	9588012	127684	75.1	1.441	1701			93.0	87.9			93
Wet Bulb	8385512	119262	70.2	2.295	1698			85.9	11.7			93
Dew Point	7840023	115159	67.9	3.132	1695			69.5	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

21603 JOHNSTON ISLAND/PACIFIC IS 46-72

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														
80/ 79					.1													1	1																
78/ 77		.3	2.9	1.7	.4													69	89																
76/ 75		3.1	23.7	25.6	3.8	.4												962	969	9															
74/ 73	.1	2.1	12.7	8.8	5.8	1.6	.1											530	531	167	42														
72/ 71	.2	1.3	1.4	.9	1.5	.5												100	100	600	222														
70/ 69		.2	.4	.1	.1													14	14	557	509														
68/ 67			.1	.1														2	2	210	472														
66/ 65																				113	183														
64/ 63																				34	131														
62/ 61																				8	78														
60/ 59																					40														
58/ 57																					13														
56/ 55																					5														
TOTAL	.4	7.1	41.1	37.2	11.7	2.5	.1													1702	1695														
																				1698	1698														

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	10715271	134251	79.2	6.959	1695	< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	93
Dry Bulb	9498567	127125	74.7	1.415	1702			93.0	86.7			93
Wet Bulb	8324840	118830	70.0	2.282	1698			84.5	9.6			93
Dew Point	7786384	114758	67.7	3.152	1695			68.3	2.3			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

21603      JOHNSTON ISLAND/PACIFIC IS      46-72      MAR

STATION      STATION NAME      YEARS      MONTH

PAGE 1      0600-0800  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
82/ 81					.1													1	1																
80/ 79			.2	1.9	.8	.1												50	50																
78/ 77		.4	5.7	10.5	3.4	.6	.1											351	352																
76/ 75	.1	2.2	18.1	22.0	5.5	1.5	.2	.1										841	843	30	3														
74/ 73	.1	1.9	6.5	7.2	4.5	1.8	.2											377	378	221	60														
72/ 71	.1	1.0	.9	.6	.7	.5												64	64	625	256														
70/ 69		.3	.4	.1														13	13	481	500														
68/ 67			.1															1	1	204	425														
66/ 65																				105	201														
64/ 63																				22	118														
62/ 61																				10	72														
60/ 59																					38														
58/ 57																					13														
56/ 55																					6														
54/ 53																					3														
TOTAL	.2	5.8	31.7	42.3	15.0	4.4	.5	.1											1702		1695														
																		1698		1698															

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	10330401	131739	77.7	7.344	1695	< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total
Dry Bulb	9683394	128346	75.4	1.700	1702			93.0	88.7	.7		93
Wet Bulb	8398954	119352	70.3	2.395	1698			85.5	13.7			93
Dew Point	7819590	114992	67.8	3.288	1695			68.3	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

21603 JOHNSTON ISLAND/PACIFIC IS 46-72

MAR

STATION

STATION NAME

YEARS

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														
84/ 83				.3	.5	.2	.1											20	20																
82/ 81			.3	3.0	5.3	2.6	.4											198	198																
80/ 79		.1	3.4	11.4	15.6	4.4	1.0	.2										612	612	2	2														
78/ 77		.3	5.6	14.1	9.1	3.6	1.2	.1										579	579	15	2														
76/ 75		.6	3.9	3.0	2.7	2.1	.8											222	223	181	23														
74/ 73	.1	.8	.9	.2	.6	.3	.1											50	50	505	167														
72/ 71	.1	.5	.2	.1	.1													16	16	588	344														
70/ 69		.1		.1	.1													4	4	218	490														
68/ 67																				124	322														
66/ 65																				55	141														
64/ 63																				1	92														
62/ 61																					64														
60/ 59																					38														
58/ 57																					10														
56/ 55																					3														
TOTAL	.2	2.2	14.3	32.2	33.9	13.3	3.6	.3										1701	1702	1701	1698														

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Ref. Hum.	9146847	123875	73.0	8.041	1698	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	10448317	133305	78.3	2.104	1702			93.0	91.9	28.2		93
Wet Bulb	8772799	122082	71.8	2.514	1701			89.3	38.4			93
Dew Point	8043078	116714	68.7	3.489	1698			73.9	10.6			93

USAFETAC FORM 34 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 46-72

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														
86/ 85					.1	.2	.1	.1										6	6																
84/ 83			.1	.8	2.1	3.3	.9	.1										123	123																
82/ 81			.9	6.5	12.2	8.5	1.4	.2										505	505																
80/ 79		.1	2.3	9.8	14.9	5.3	2.4	.2										597	598	2															
78/ 77		.3	2.8	5.7	3.8	3.9	1.6	.1										311	311	46	3														
76/ 75	.1	1.0	2.0	.8	.7	.9	.4	.1										99	99	286	59														
74/ 73		1.2	.9	.4	.4	.1	.1											52	52	580	211														
72/ 71		.2	.2			.1												7	7	444	363														
70/ 69		.1																2	2	183	463														
68/ 67																				128	261														
66/ 65																				25	135														
64/ 63																				7	94														
62/ 61																				1	78														
60/ 59																					18														
58/ 57																					13														
56/ 55																					1														
TOTAL	.1	2.8	9.2	24.0	34.1	22.3	6.8	.7										1702	1702	1702	1699														
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	8672334	120516	70.9	8.536	1699	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	10800958	135564	79.6	2.341	1703			93.0	92.5	53.4		93																							
Wet Bulb	8925245	123172	72.4	2.574	1702			91.2	49.9			93																							
Dew Point	8140690	117448	69.1	3.281	1699			74.4	14.9			93																							

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21603      JOHNSTON ISLAND/PACIFIC IS      46-72      MAR  
STATION      STATION NAME      YEARS      MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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												1	1						
84/ 83				.3	.3	.5	.2										21	21						
82/ 81			.2	2.3	6.0	4.6	.4	.1									232	232						
80/ 79			2.1	12.2	15.6	5.7	1.0										621	622						
78/ 77		.2	5.7	13.1	7.4	3.7	1.5	.1									537	538	11	1				
76/ 75	.1	.9	2.5	3.1	2.6	1.4	.3										185	185	148	16				
74/ 73	.1	1.4	1.2	.9	1.2	.4											88	88	529	144				
72/ 71		.4	.1	.1	.1	.1											13	13	584	358				
70/ 69		.1															1	1	235	488				
68/ 67																			126	342				
66/ 65																			57	146				
64/ 63																			7	94				
62/ 61																			1	71				
60/ 59																				24				
58/ 57																				10				
56/ 55																				2				
TOTAL	.1	3.0	11.8	32.0	33.3	16.2	3.4	.2									1699	1701	1699	1696				

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	9055290	123178	72.6	8.021	1696	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	10463356	133356	78.4	2.227	1701			93.0	92.2	31.7		93
Wet Bulb	8752376	121874	71.7	2.429	1699			89.4	37.7			93
Dew Point	8020024	116492	68.7	3.314	1696			74.0	8.8			93

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

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DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 46-72

MAR  
YEARS MONTH

PAGE 1 1800-2000  
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														
82/81					.1													1	1																
80/79			.4	2.0	1.1	.1	.1											62	62																
78/77		.5	9.4	21.4	6.8	.9	.2											666	666																
76/75		1.5	13.2	20.6	6.3	1.6	.1											738	738	34	2														
74/73		.8	2.8	2.7	3.5	.8												180	180	291	67														
72/71	.1	.9	.7	.4	.5	.1	.1											46	46	686	302														
70/69		.1		.1														4	4	426	513														
68/67		.1																2	2	170	435														
66/65																				77	168														
64/63																				14	107														
62/61																					74														
60/59																					19														
58/57																					8														
TOTAL	.1	3.9	26.5	47.2	18.2	3.5	.5											1699	1699	1699	1695														
Element (X)	Σx²	Σx	X̄	sₓ	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	10133935	130599	77.0	6.779	1696	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93																							
Dry Bulb	9832108	129218	76.1	1.608	1699			93.0	90.2	.8		93																							
Wet Bulb	8504622	120146	70.7	2.226	1699			88.0	17.8			93																							
Dew Point	7904049	115635	68.2	3.004	1695			72.4	3.6			93																							

USAFETAC FORM 0-26-5 (O.L.A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21003 JOHNSTON ISLAND/PACIFIC IS

46-72

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
80/ 79			.2	.2		.1												8	8																
78/ 77		.6	7.7	12.1	2.1	.1												384	384																
76/ 75		2.3	20.4	27.0	6.0	1.6												973	974	19	3														
74/ 73	.1	1.5	5.2	3.9	4.2	1.2	.1											275	275	245	55														
72/ 71	.1	1.0	.5	.4	1.0	.2												54	54	689	277														
70/ 69		.1	.2															5	5	485	552														
68/ 67																				142	437														
66/ 65																				99	164														
64/ 63																				18	97														
62/ 61																				2	80														
60/ 59																					24														
58/ 57																					5														
56/ 55																					2														
TOTAL	.1	5.5	34.1	43.7	13.4	3.1	.1													1700	1696														
																		1699		1699															

Element (X)	Z <sub>x</sub> '	Z <sub>x</sub>	X	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	10503596	132982	78.4	6.722	1696	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	9690623	128329	75.5	1.408	1700			92.0	89.6	.1		93
Wet Bulb	8454609	119793	70.3	2.204	1699			86.5	14.5			93
Dew Point	7898892	115632	68.2	2.994	1696			72.4	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

**PSYCHROMETRIC SUMMARY**

21603      JOHNSTON ISLAND/PACIFIC IS      45-72      APR  
STATION      STATION NAME      YEARS      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														
80/ 79			1.4	.5	.1													33	33																
78/ 77		.9	2.2	15.0	1.0													495	502																
76/ 75		3.3	22.9	25.1	2.9	.3	.1	.1										932	955	65	2														
74/ 73		2.3	6.6	2.1	1.0	.3	.1											210	213	347	123														
72/ 71	.2	1.1	.1	.1														25	25	754	392														
70/ 69	.1	.3																6	6	459	618														
68/ 67	.1																	1	1	59	395														
66/ 65																				13	126														
64/ 63																				4	27														
62/ 61																				1	11														
60/ 59																					4														
58/ 57																					3														
54/ 53																					1														
<b>TOTAL</b>	.4	7.9	43.1	42.9	5.0	.6	.1	.1										1702	1735		1702														
																						1702		1702											

Element (X)	Σ x <sup>2</sup>	Σ x	X	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature										
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Rel. Hum.	11095091	137073	80.5	5.723	1702											
Dry Bulb	9974798	131532	75.8	1.365	1735			90.0	88.3							90
Wet Bulb	8674213	121467	71.4	1.790	1702			89.0	21.8							90
Dew Point	8184490	117958	69.3	2.344	1702			80.9	6.6							90

USAFETAC FORM 0-20-5 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 45-72 APP  
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
80/ 79			.6	.2	.1	.1												17	17																
78/ 77		.9	9.3	8.5	1.0													336	340																
76/ 75		2.8	26.5	27.1	2.3	.1												1001	1026	45															
74/ 73	.1	2.5	6.6	4.5	1.5	.2	.1											296	300	307	104														
72/ 71		1.3	1.3	.2	.1													48	48	714	361														
70/ 69		.2		.1														5	5	530	577														
68/ 67																				90	490														
66/ 65																				13	121														
64/ 63																				3	33														
62/ 61																				1	10														
60/ 59																					4														
58/ 57																					1														
54/ 53																					1														
TOTAL	.1	7.7	46.4	40.6	4.9	.3	.1											1703	1736	1703	1702														
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	11162743	137529	80.8	5.411	1702	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90																							
Dry Bulb	9891408	131018	75.9	1.384	1702			90.0	87.3			90																							
Wet Bulb	8617489	121102	71.1	1.777	1702			89.1	18.6			90																							
Dew Point	8134342	117598	69.1	2.303	1702			81.0	5.5			90																							

USAFETAC FORM 0-26-5 (O.L.A.) REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSON ISLAND/PACIFIC IS 45-72 APR  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 0600-0800  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
82/ 81				.2	.1	.1												5	5																
80/ 79			2.1	3.9	2.7	.5												158	161																
78/ 77		.6	1.5	20.9	6.2	.2												672	687	1															
76/ 75		2.9	15.8	18.5	3.0	.4	.1											692	703	80	11														
74/ 73	.1	1.9	3.9	1.6	.8	.3	.1											148	150	415	128														
72/ 71		1.0	.4	.1	.1													26	26	722	397														
70/ 69	.1	.1	.1															3	3	402	365														
68/ 67		.1																1	1	61	441														
66/ 65																				17	106														
64/ 63																				6	34														
62/ 61																				1	11														
60/ 59																					7														
58/ 57																					3														
56/ 55																					1														
54/ 53																					1														
TOTAL	.2	6.5	33.8	45.1	12.7	1.5	.2											1705	1736	1705	1705														
																					1705	1736	1705	1705											
Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	10684567	134547	78.9	6.272	1705	$\leq 0$ F	$< 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	90																							
Dry Bulb	10145743	132683	76.4	1.633	1736			90.0	88.4	2.3		90																							
Wet Bulb	8729892	121960	71.5	1.876	1705			88.7	26.2			90																							
Dew Point	8195093	118131	69.2	2.468	1705			81.4	7.3			90																							

USAFETAC FORM 0-26-5 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS

49-72

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
86/ 85						.1	.1											2	2		
84/ 83			.1	.2	1.3	1.5	.5											61	61		
82/ 81		.1	1.3	4.6	10.8	4.3	.4											368	373		
80/ 79		.2	4.2	17.5	17.2	3.7	.4											734	752	5	
78/ 77		.5	6.3	9.3	5.7	1.3	.2	.2										400	406	47	14
76/ 75		1.3	2.9	1.9	.7	.1	.1											104	107	289	50
74/ 73	.1	.4	1.0	.1														27	29	687	243
72/ 71		.2	.1															5	5	511	460
70/ 69		.1																1	1	130	539
68/ 67																				22	263
66/ 65																				9	92
64/ 63																				2	22
62/ 61																					9
60/ 59																					4
58/ 57																					5
56/ 55																					1
TOTAL	.1	2.8	15.3	33.3	33.7	11.2	1.6	.2										1702	1736	1702	1702

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	9433022	126100	74.1	7.288	1702							
Dry Bulb	10915970	137616	79.7	1.993	1736			90.0	89.7	44.0		90
Wet Bulb	9061758	124144	72.9	1.983	1702			89.4	84.4			90
Dew Point	8391650	119422	70.2	2.692	1702			83.0	16.2			90

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

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603      JOHNSTON ISLAND/PACIFIC IS      45-72      APR

STATION      STATION NAME      YEARS      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		
86/ 85				.1	.4	1.0	.6	.1										37	37				
84/ 83			.1	1.1	4.8	6.1	.6											216	219				
82/ 81			1.9	7.8	13.8	9.7	.6	.2										613	620				
80/ 79			3.2	11.6	13.8	3.2	.6	.1	.1									552	564				
78/ 77		.4	3.2	4.5	2.1	.6	.3	.1										189	192	78	13		
76/ 75	.1	.6	1.7	1.3	.2	.1	.1											69	70	404	75		
74/ 73	.1	.3	.9															17	18	659	271		
72/ 71	.1	.2	.2															7	7	430	450		
70/ 69		.1																1	3	92	519		
68/ 67																				22	258		
66/ 65																				5	68		
64/ 63																				4	26		
62/ 61																					9		
60/ 59																					5		
58/ 57																					2		
56/ 55																					3		
54/ 53																					1		
TOTAL	.2	1.8	10.6	26.3	37.0	20.7	2.9	.5	.1										1735		1700		
																		1701		1701			

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Rel. Hum.	8910192	122419	72.0	7.662	1701							
Dry Bulb	11214311	139432	80.4	2.253	1735			90.0	89.5	64.1		90
Wet Bulb	9163254	124798	73.4	2.090	1701			89.5	60.7			90
Dew Point	8425137	119581	70.3	2.829	1700			84.0	19.0			90

USAF/ETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAP ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS

45-72

APR

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
88/87							.1											1	1																
86/85						.3	.3											10	10																
84/83				.2	1.3	2.3	.5											73	73																
82/81			.8	4.9	10.7	4.6	.2											363	366																
80/79		.1	3.9	14.9	16.9	3.5	.4											678	688																
78/77		.6	5.2	11.1	6.0	1.1	.2	.1										413	425	27	6														
76/75	.1	1.1	2.6	3.2	.5	.1	.1											128	129	297	40														
74/73	.1	.9	.8	.1														33	35	658	244														
72/71		.5																9	10	340	431														
70/69																				157	558														
68/67																				22	303														
66/65																				6	82														
64/63																				1	28														
62/61																					8														
60/59																					6														
58/57																					1														
56/55																					1														
TOTAL	.2	3.2	13.13	4.4	35.4	11.8	1.9	.1										1708	1737	1708	1708														

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0$ F	$\leq 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	Total
Rel. Hum.	9434736	126218	74.0	7.368	1708			90.0	89.5	41.0		90
Dry Bulb	10900947	137553	79.2	2.164	1737							90
Wet Bulb	9062243	124369	72.0	1.912	1708			89.6	51.7			90
Dew Point	8386480	119602	70.0	2.584	1708			83.4	15.3			90

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

DATA PROCESSING BRANCH  
 USAF ETAF  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS

45-72

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
82/ 81				.5	.4	.1												16	16																
80/ 79		.1	1.7	3.8	1.9	.4												166	168																
78/ 77	.1	1.4	12.9	29.9	8.4	.4												900	914	4															
76/ 75	.2	1.7	10.6	14.2	3.2	.6	.1											524	537	97	25														
74/ 73		1.8	2.4	.3	.3	.1												82	86	474	132														
72/ 71		.6	.1															11	11	751	435														
70/ 69		.2																3	3	322	586														
68/ 67																				43	396														
66/ 65																				8	82														
64/ 63																				3	31														
62/ 61																					10														
60/ 59																					2														
58/ 57																					3														
TOTAL	.2	5.6	27.7	50.6	14.2	1.4	.1											1702	1735		1702														

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	10541818	133536	78.5	6.173	1702	≤ 0 F	≤ 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total
Dry Bulb	10260278	133396	76.9	1.535	1735			90.0	89.3	3.7		90
Wet Bulb	8791772	122208	71.8	1.787	1702			89.4	30.4			90
Dew Point	8249915	118427	69.6	2.380	1702			83.2	8.3			90

USAFETAC FORM 0-26-5 (O.L.A.) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21003 STATION JOHNSTON ISLAND/PACIFIC IS 45-72 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														
80/ 79			1.4	1.4	.2													51	51																
78/ 77		1.0	1.1	2.3	3.2	.1												736	747	71	7														
76/ 75		2.7	17.8	20.3	3.4	.4	.1											761	777	439	125														
74/ 73	.2	2.1	4.6	.8	.5	.2												142	147	372	385														
72/ 71	.1	.3	.2															11	11	767	466														
70/ 69	.1																	1	1	372	581														
68/ 67																				38	385														
66/ 65																				11	97														
64/ 63																				3	23														
62/ 61																					13														
60/ 59																					3														
58/ 57																					2														
TOTAL	.4	6.1	39.2	46.5	7.2	.6	.1											1702	1734	1702	1702														

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	10911564	135938	79.9	5.648	1702							
Dry Bulb	10088166	132240	76.3	1.348	1734			90.0	89.4	.7		90
Wet Bulb	8742058	121944	71.6	1.728	1702			89.3	27.0			90
Dew Point	8235662	118330	69.5	2.284	1702			82.7	7.0			90

USAFETAC FORM 34 JUL 54 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS

45-72

MAY

STATION

STATION NAME

YEARS

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														
80/ 79			2.1	5.9	1.0													158	158																
78/ 77	.1	1.9	2.2	2.9	3.1													1016	1024	2	1														
76/ 75	.1	2.7	1.3	2.1	4.0	.7	.1											544	566	134	23														
74/ 73	.1	.7	1.6	.1														44	44	719	199														
72/ 71	.1	.1																4	4	702	640														
70/ 69	.1																	1	1	207	600														
68/ 67																				3	262														
66/ 65																					40														
64/ 63																					1														
62/ 61																					1														
TOTAL	.5	5.4	40.1	49.2	4.8	.1												1767	1797		1767														
																		1767																	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	11473661	142089	80.4	5.209	1767	< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	
Dry Bulb	10643789	138281	77.0	1.276	1797			93.0	92.7	.7		93
Wet Bulb	9272017	127971	72.4	1.906	1767			93.0	45.0			93
Dew Point	8763296	124390	70.4	1.951	1767			90.8	11.7			93

USAFETAC FORM 0-26-5 (O.L.A.) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 43-72

MAY

PAGE 1 Q300-0500

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
80/ 79			1.2	2.5	.5													73	73																
78/ 77		1.3	2.1	2.7	2.1	.1												915	923																
76/ 75	.1	3.7	18.1	15.8	1.2													685	707	95	10														
74/ 73	.1	1.9	2.4	.3	.1													84	85	627	188														
72/ 71	.1	.2	.2															9	9	776	583														
70/ 69																				249	625														
68/ 67																				19	307														
66/ 65																					45														
64/ 63																					8														
TOTAL	.2	7.1	43.0	45.9	3.8	.1														1797	1766														
																		1766		1766															

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	11558969	142577	80.7	5.220	1766	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	10538902	127598	76.6	1.269	1797			93.0	92.5			93
Wet Bulb	9194442	127398	72.1	1.513	1766			93.0	38.0			93
Dew Point	8699118	123898	70.2	1.956	1766			90.2	10.4			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

21603 JOHNSTON ISLAND/PACIFIC IS

45-72

MAY

STAT ON

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
82/ 81			.1	.5	1.1	.3												35	35					
80/ 79			4.0	16.1	8.2	.6												510	517					
78/ 77		1.6	7.8	27.2	5.8	.2												930	947	7				
76/ 75		2.0	6.4	5.7	.5													258	263	209	33			
74/ 73		.7	.8	.2														29	29	799	239			
72/ 71	.1	.1																4	4	627	612			
70/ 69																				127	613			
68/ 67																				7	243			
66/ 65																					21			
64/ 63																					5			
TOTAL	.1	4.4	29.1	49.8	15.6	1.0												1766	1795		1766			

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	$\sum X^2$	$\sum X$	$\bar{X}$	$s_x$	No. Obs.	< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total
Rel. Hum.	10939516	138604	78.5	5.694	1766							
Dry Bulb	10876044	139698	77.8	1.471	1795			93.0	92.6	11.6		93
Wet Bulb	9346836	128450	72.7	1.510	1766			93.0	52.9			93
Dew Point	8787346	124524	70.5	1.981	1766			91.6	14.3			93

USAFETAC FORM 0-26-5 (OL A) JUL 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 45-72  
STATION STATION NAME YEARS

SAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
88/87					.1													1		1															
86/85					.2	1.1	.3											29		29															
84/83			.1	1.9	4.8	5.0	.1											208		208															
82/81			1.4	10.1	21.2	5.5	.3	.1										683		697															
80/79			5.6	16.5	13.2	1.5	.1											651		658	3	2													
78/77		.7	3.1	3.2	1.4	.2												150		154	99	11													
76/75		.6	.8	.4														32		32	551	107													
74/73	.1	.2	.1	.1														7		8	817	379													
72/71	.1	.1																3		3	261	598													
70/69																					29	487													
68/67	.1																	1		1	5	153													
66/65																						17													
64/63																						7													
62/61																						4													
TOTAL	.2	1.6	10.9	32.2	40.8	13.3	.8	.1										1765		1792	1765	1765													

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						+ 0 F	+ 32 F	+ 67 F	+ 73 F	+ 80 F	+ 93 F	
Rel. Hum.	9008147	129663	73.5	6.722	1765							
Dry Bulb	11646923	144429	80.6	1.897	1792			93.0	92.8	71.8		93
Wet Bulb	9667012	120590	74.0	1.655	1765			93.0	77.5	.1		93
Dew Point	8960683	125697	71.2	2.258	1765			91.8	26.3			93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS

65-72

MAY

STATION

STATION NAME

YEARS

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																		
88/ 87						.3	.5	.1																										15	15			
86/ 85				.2	.9	4.0	1.3	.1																										114	114			
84/ 83	.1	.6	3.6	10.4	10.2	1.1			.1																								459	460				
82/ 81	.2	1.8	11.1	19.0	7.5	.3	.1																										707	726	1			
80/ 79	.2	2.9	9.1	7.8	1.3	.2																											377	383	26	4		
78/ 77	.4	1.9	1.0	.7	.1																												65	68	182	28		
76/ 75	.1	.3	.7	.1																													22	23	635	154		
74/ 73		.2	.1																														4	4	692	352		
72/ 71	.2		.1																														4	4	210	625		
70/ 69																																				19	428	
68/ 67																																				2	149	
66/ 65																																					17	
64/ 63																																					8	
62/ 61																																					2	
TOTAL	.3	1.4	7.6	25.0	38.7	23.3	3.3	.3	.1																										1767	1797	1767	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	9136762	126440	71.6	7.106	1767							
Dry Bulb	11990737	146743	81.7	2.071	1797			93.0	92.8	83.2		93
Wet Bulb	9800526	121558	74.5	1.792	1767			93.0	80.8	.4		93
Dew Point	9029893	126243	71.4	2.403	1767			91.8	28.2	.1		93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 JUN 54

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS

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MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
88/ 87						.1	.5											10	10																
86/ 85			.1	.1	.3	1.6	1.3											38	58																
84/ 83			.2	1.5	5.2	5.2	.3											220	220																
82/ 81		.2	1.9	9.8	16.7	4.9	.3											601	609	1															
80/ 79		.3	4.9	15.0	11.6	1.2	.1											585	598	9	4														
78/ 77		1.1	3.4	5.9	3.1	.2												242	246	100	18														
76/ 75	.1	.6	1.0	.6	.1													41	46	359	99														
74/ 73	.2	.3	.1	.1														11	11	748	362														
72/ 71																				300	592														
70/ 69																				50	493														
68/ 67																				1	162														
66/ 65																					32														
64/ 63																					6														
TOTAL	.3	2.4	11.9	32.9	37.0	13.1	2.7												1768	1768	1768														

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	9660365	130075	73.6	7.197	1768			93.0	93.0	65.1		93
Dry Bulb	11664281	144765	80.5	2.184	1768			93.0	74.5	.4		93
Wet Bulb	9670991	130723	73.9	1.772	1768			91.0	25.4	.1		93
Dew Point	8963337	125833	71.2	2.317	1768							

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS

49-72

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000  
HOURS U. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
88/ 87									.1									1	1																
84/ 83			.1		.2	.2												7	7																
82/ 81			.2	.6	2.6	1.0	.1											77	77																
80/ 79		.2	7.6	18.8	8.1	.2												616	619	1															
78/ 77		2.2	16.5	24.2	4.1	.3												836	857	12	5														
76/ 75		.8	4.6	6.1	.6													214	219	276	52														
74/ 73	.2	.3	.3	.1														16	17	824	286														
72/ 71																				530	619														
70/ 69																				116	566														
68/ 67																				8	201														
66/ 65																					29														
64/ 63																					8														
60/ 59																					1														
TOTAL	.2	3.5	29.3	49.7	15.6	1.6	.1	.1										1767	1797		1767														
																		1767		1767															

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	10891963	138355	78.3	5.773	1767	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	10978300	140430	78.1	1.516	1767			93.0	93.0	15.5		93
Wet Bulb	9421219	128992	73.0	1.611	1767			93.0	58.6			93
Dew Point	8851775	125009	70.7	2.106	1767			91.0	18.1			93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 65-72

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
80/ 79		.2	4.5	12.1	3.6																												358	358			
78/ 77			2.4	4.7	28.7	4.1																											1057	1078		5	
76/ 75	.1	1.5	7.2	8.2	1.0																												317	326	187	55	
74/ 73	.1	.6	1.1	.1																													33	34	817	228	
72/ 71																																				615	666
70/ 69																																				123	572
68/ 67																																				8	211
66/ 65																																					30
64/ 63																																					3
TOTAL	.1	4.6	37.5	49.0	8.7																														1796		1765
																																			1765		

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	11273169	140769	79.8	5.108	1765	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	10782189	139139	77.5	1.264	1796			93.0	93.0	3.0		93
Wet Bulb	9344097	128399	72.7	1.548	1765			93.0	52.2			93
Dew Point	8817459	124701	70.7	2.002	1765			91.2	14.9			93

USAFETAC FORM 0-20-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1  
2  
1

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 45-72

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														
82/ 81				.1														2	2																
80/ 79		.2	7.4	2.2	3.1	.1												577	577																
78/ 77	.1	1.5	19.9	3.7	3.4													993	1000	11	2														
76/ 75	.1	.9	3.9	1.8														113	121	226	35														
74/ 73	.1	.4	.2															11	11	984	260														
72/ 71		.1																1	1	460	760														
70/ 69																				36	521														
68/ 67																					115														
66/ 65																					4														
TOTAL	.2	3.1	31.4	58.8	6.5	.1													1712		1697														
																		1697		1697															

Element (X)	$\sum x'$	$\sum x^2$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature				Total		
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	10701942	134542	79.3	4.552	1697			90.0	89.9	5.8		90
Dry Bulb	10425827	133587	78.0	1.098	1712			90.0	63.7			90
Wet Bulb	9090347	124182	73.2	1.309	1697			89.8	15.8			90
Dew Point	8568476	120550	71.0	1.709	1697							90

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 49-72 JUN

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
80/ 79			5.4	13.9	1.8													361	361																	
78/ 77		1.5	22.7	39.5	4.0	.1												1151	1154																	
76/ 75		1.5	5.7	3.2														176	188	178	32															
74/ 73	.1	.3	.2															9	9	879	227															
72/ 71																				570	713															
70/ 69																				70	564															
68/ 67																					150															
66/ 65																					11															
TOTAL	.1	3.4	34.0	56.6	5.8	.1												1697	1712	1697	1697															

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	10768847	124949	79.5	4.697	1697	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90
Dry Bulb	10329707	132971	77.7	1.041	1712			90.0	90.0	1.4		90
Wet Bulb	9018666	123692	72.9	1.313	1697			90.0	56.1			90
Dew Point	8511113	120143	70.8	1.770	1697			89.4	13.7			90

USAFETAC FORM 44 JUL 64 0-26-5 (OL A) REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21603      JOHNSTON ISLAND/PACIFIC IS      45-72      JUN  
STATION      STATION NAME      YEARS      MONTH

PAGE 1      0600-0800  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
84/ 83				.1	.1	.1												4	4																
82/ 81		.1	.4	3.4	4.5	.4												149	149																
80/ 79		.3	7.8	12.2	13.4	.8												927	932	1	1														
78/ 77		1.0	10.7	17.4	2.9													537	544	23	3														
76/ 75		1.4	2.3	.3														67	68	326	50														
74/ 73		.5	.1															10	11	957	335														
72/ 71		.2																3	3	359	680														
70/ 69																				31	517														
68/ 67																					97														
66/ 65																					14														
TOTAL		3.4	21.3	53.4	20.6	1.3												1697	1711	1697	1697														

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	10247190	131540	77.5	5.489	1697	≤ 0 F	≤ 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total
Dry Bulb	10646320	134944	78.9	1.428	1711			90.0	89.8	31.0		90
Wet Bulb	9158790	124648	73.5	1.362	1697			90.0	69.3	.1		90
Dew Point	8599670	120764	71.2	1.835	1697			89.3	20.6			90

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21003 JOHNSTON ISLAND/PACIFIC IS

45-72

JUN

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
88/ 87							.1	.1										3	3																	
86/ 85				.1	.9	1.5	.5											49	49																	
84/ 83			.2	2.9	13.5	10.0	.6											462	462																	
82/ 81		.1	2.2	14.0	27.1	6.2	.3											848	854																	
80/ 79		.1	4.1	9.4	3.4	.1												291	297	9	2															
78/ 77		.3	1.1	.6	.1													35	35	142	13															
76/ 75		.3	.2															8	8	788	137															
74/ 73		.1																1	1	689	419															
72/ 71	.1																	1	1	67	729															
70/ 69																				3	333															
68/ 67																					57															
66/ 65																					8															
TOTAL	.1	.9	7.8	26.9	45.1	17.8	1.5	.1										1698	1710	1698	1698															

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	8931960	122708	72.3	6.156	1698	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	11424561	129745	81.7	1.584	1710			90.0	89.9	84.9		90
Wet Bulb	9480798	126858	74.7	1.374	1698			90.0	86.3	.2		90
Dew Point	8767577	121969	71.8	1.946	1698			89.6	30.3			90

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603      JOHNSTON ISLAND/PACIFIC IS      45-72      JUN  
 STATION      STATION NAME      YEARS      MONTH  
 PAGE 1      1500-1700  
 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
88/ 87						.1	1.0	.3										24	24																
86/ 85				.1	.5	3.6	.9	.1										88	88																
84/ 83		.1	.2	2.5	13.9	10.9	.9											464	484																
82/ 81		.1	3.0	12.2	24.7	4.5												755	761	1	1														
80/ 79		.1	3.6	7.2	6.0	.2												290	296																
78/ 77		.5	1.2	.8	.1													44	44	165	20														
76/ 75	.1	.3	.4															12	12	745	147														
74/ 73		.1																2	2	683	382														
72/ 71		.1																1	1	94	689														
70/ 69																				1	389														
68/ 67																					67														
66/ 65																					5														
TOTAL	.1	1.2	8.4	22.7	45.2	19.2	2.8	.4										1700	1712		1700														

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	8836499	122047	71.8	6.620	1700							
Dry Bulb	11476493	140133	81.9	1.893	1712			90.0	99.9	82.9		90
Wet Bulb	9487346	126974	74.7	1.452	1700			90.0	85.0	.1		90
Dew Point	8759616	121982	71.8	2.016	1700			89.7	29.1	.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

21603      JOHNSTON ISLAND/PACIFIC IS      45-72      JUN  
STATION      STATION NAME      YEARS      MONTH

PAGE 1      1800-2000  
HOURS      S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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	.9												27	27																
82/ 81			.6	4.5	6.2	.8												207	207																
80/ 79		.4	8.8	38.4	14.5	.4												1061	1061																
78/ 77		.7	6.8	12.6	2.0	.1												377	389	39	4														
76/ 75	.1	.4	.8	.2														25	25	412	73														
74/ 73		.2																4	4	948	343														
72/ 71																				290	705														
70/ 69																				12	500														
68/ 67																					65														
66/ 65																					8														
64/ 63																					2														
TOTAL	.1	1.6	16.9	55.7	23.5	2.2												1701	1713	1701	1700														

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						< 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total
Rel. Hum.	10051292	130424	76.7	5.156	1700							
Dry Bulb	10783153	135891	79.3	1.329	1713			90.0	90.0	41.8		90
Wet Bulb	9241961	125361	73.7	1.340	1701			90.0	74.0			90
Dew Point	8651768	121238	71.3	1.800	1700			89.5	22.2			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

21003 JOHNSTON ISLAND/PACIFIC IS

45-72

JUN

PAGE 1 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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	.4	.1	.1												11	11																
80/ 79		.5	9.6	34.7	7.7	.1												893	893																
78/ 77		.9	13.5	27.1	2.4													749	757	17	3														
76/ 75		1.0	1.1	.4														42	42	298	46														
74/ 73		.2	.3															8	8	998	322														
72/ 71																				371	763														
70/ 69																				15	492														
68/ 67																					68														
66/ 65																					5														
TOTAL		2.6	24.5	62.6	10.1	.2												1699	1711	1699	1699														

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	10525989	133509	78.6	4.522	1699	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	10553290	124362	78.5	1.088	1711			90.0	90.0	16.8		90
Wet Bulb	9164759	124765	72.4	1.266	1699			90.0	69.6			90
Dew Point	8631297	121063	71.2	1.692	1699			89.7	19.7			90

USAF ETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603      JOHNSTON ISLAND/PACIFIC IS      45-71      JUL      PAGE 1      0000-0200  
STATION      STATION NAME      YEARS      MONTH  
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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			.3	.6	.1													16	16																
80/ 79		.3	1.7	3.2	4.5													1093	1093																
78/ 77		1.2	10.6	20.9	2.1													612	612	31	4														
76/ 75		.9	1.0	.3														38	38	539	79														
74/ 73		.1	.1															3	3	881	539														
72/ 71																				299	685														
70/ 69																				12	389														
68/ 67																					65														
66/ 65																					1														
TOTAL	2.5	29.9	61.0	6.7														1762	1762		1762														

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
						< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	Total
Rel. Hum.	11094875	139615	79.2	4.279	1762							
Dry Bulb	10929391	138759	78.8	1.066	1762			93.0	93.0	24.3		93
Wet Bulb	9601677	130047	73.8	1.383	1762			93.0	76.6			93
Dew Point	9068796	126370	71.7	1.781	1762			92.9	32.6			93

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



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DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603      JOHNSTON ISLAND/PACIFIC IS      45-71      JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1      0600-0800  
 HOURS L. S. T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
84/ 83			.1	.4	1.0	.1																												27	27			
82/ 81		.1	1.4	9.3	7.5	.7																												334	334			
80/ 79		.2	1.4	36.0	11.2																													1040	1040	3	1	
78/ 77		.9	6.8	10.1	1.1																													334	334	59	13	
76/ 75	.1	.7	.8	.1	.1																													29	29	603	87	
74/ 73	.1	.1	.1																															3	3	878	533	
72/ 71																																				219	693	
70/ 69																																				4	383	
68/ 67																																				1	54	
66/ 65																																					3	
TOTAL	.1	1.9	20.5	55.9	20.8	.8																														1767	1767	1767

Element (X)	Σ x'	Σ x	X	Σ x <sup>2</sup>	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	10639689	136831	77.4	4.987	1767							
Dry Bulb	11177832	140518	79.5	1.377	1767			93.0	93.0	49.6		93
Wet Bulb	9697959	130883	74.1	1.379	1767			93.0	81.2	.1		93
Dew Point	9108801	126827	71.8	1.805	1767			92.8	93.4			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

21603      JOHNSTON ISLAND/PACIFIC IS      45-71      JUL  
STATION      STATION NAME      YEARS      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	
90/ 89							.1											1	1			
88/ 87					.2	.6	.2											21	21			
86/ 85			.1	.9	3.6	3.7	.2											150	170			
84/ 83			1.0	5.7	20.2	10.3	.5											664	664			
82/ 81		.1	2.8	14.4	20.6	3.6												734	734	9	2	
80/ 79		.2	1.8	5.3	1.8													160	160	50	17	
78/ 77		.3	.6	.5														25	25	311	51	
76/ 75	.1	.3	.2															10	10	860	214	
74/ 73																				510	596	
72/ 71																				25	659	
70/ 69																					263	
68/ 67																					19	
66/ 65																					4	
TOTAL	.1	.9	6.6	27.0	46.3	18.2	.9												1765		1765	
																		1765		1765		

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						< 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	Total
Rel. Hum.	9304072	127716	72.4	5.952	1765							
Dry Bulb	11986910	145434	82.4	1.736	1765			93.0	93.0	90.0		93
Wet Bulb	10023290	132978	75.3	1.588	1765			93.0	91.7	1.4		93
Dew Point	9287891	127981	72.5	2.113	1765			92.8	43.2	.4		93

USAF ETAC FORM 0-26-5 (OL A) REVISIONS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 45-71 JUL  
STATION STATION NAME YEARS 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						.1	.1	.1										4	4																
90/ 89					.1	.6	.4											19	19																
88/ 87				.2	.5	1.9	.7											57	57																
86/ 85			.3	2.7	7.7	13.6	1.4											453	452																
84/ 83	.1		.6	5.1	19.1	18.1	.7											771	771	1	1														
82/ 81			1.8	7.9	10.0	2.4												388	388	15	3														
80/ 79	.1	.7	1.8	.3														51	51	104	16														
78/ 77	.1	.7	.1															16	16	407	85														
76/ 75	.2	.1																6	6	871	235														
74/ 73																				353	322														
72/ 71																				14	637														
70/ 69																					242														
68/ 67																					22														
66/ 65																					2														
TOTAL	.5	4.2	17.7	37.6	36.7	3.2	.1											1765	1765	1765															

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	8728242	123632	70.0	6.221	1765	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	12341799	147552	82.6	1.904	1765			93.0	93.0	91.1		93
Wet Bulb	10147323	123792	73.6	1.693	1765			93.0	92.3	2.7		93
Dew Point	9332212	128280	72.7	2.238	1765			92.8	45.4	.4		93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21603      JOHNSTON ISLAND/PACIFIC IS      45-71      JUL  
STATION      STATION NAME      YEARS      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											1	1																	
90/89						.1	.4		.3	.1								14	14																	
88/87					.4	1.1	.7											42	42																	
86/85		.1	.1	1.0	4.5	6.1	.2											211	211																	
84/83			.5	4.2	18.8	10.9	.4											613	613	1																
82/81			2.3	13.7	19.3	3.2												679	679	3	2															
80/79		.2	1.9	4.4	3.4	.1												177	177	32	6															
78/77	.1	.2	.8	.1														20	20	342	52															
76/75		.3	.1															7	7	865	198															
74/73																				462	557															
72/71																				39	663															
70/69																					251															
68/67																					34															
66/65																					1															
TOTAL	.1	.8	5.6	23.4	46.7	21.8	1.7	.1										1764	1764	1764	1764															
Element (X)	Σ x <sup>2</sup>		Σ x		$\bar{x}$	$\sigma_x$	No. Obs.		Mean No. of Hours with Temperature							Total																				
Rel. Hum.	9105725		126313		71.6	5.880	1764		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93																					
Dry Bulb	12057067		145797		82.7	1.956	1764				93.0	93.0	90.3		93																					
Wet Bulb	10029322		132930		75.4	1.608	1764				93.0	90.9	1.4		93																					
Dew Point	9268202		127812		72.5	2.060	1764				92.9	43.0	.1		93																					

USAFETAC FORM 0-26-5 (O.L.A.) JUL 64 REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 45-71

JUL  
 MONTH

PAGE 1 1800-2000  
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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	.1	.2												6		6															
84/ 83				.8	1.0	.6												53		53															
82/ 81			2.0	14.4	9.3	.1												467		467															
80/ 79		.3	10.3	36.3	13.4	.2												1066		1066		2													
78/ 77		.5	3.1	4.7	.9													162		162		115													
76/ 75	.1	.3	.3															11		11		700													
74/ 73																						782													
72/ 71																						166													
70/ 69																						364													
68/ 67																						42													
TOTAL	.1	1.1	16.2	56.3	25.3	1.0												1765		1765		1765													

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	10432177	133441	76.7	4.692	1765			93.0	93.0	65.4		93
Dry Bulb	11309099	141263	80.0	1.298	1765			93.0	84.3			93
Wet Bulb	9762323	121241	74.4	1.423	1765			93.0	38.2			93
Dew Point	9159849	127081	72.0	1.836	1765							93

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21603 JOHNSON ISLAND/PACIFIC IS

65-71

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																
82/ 81		.1	1.5	3.7	.2																												97	97			
80/ 79		1.5	2.4	5.5	4.4																												1390	1390	5		
78/ 77	.1	2.1	5.6	5.2	.6																												238	238	107	31	
76/ 75	.2	1.2	.3	.3																													36	36	826	161	
74/ 73		.1	.1																														2	2	720	746	
72/ 71																																			101	608	
70/ 69																																		4	197		
68/ 67																																				20	
TOTAL	.2	5.0	29.9	59.6	5.2																													1763	1763	1763	1763

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	11310932	140974	80.0	4.662	1763							
Dry Bulb	11102345	139892	79.3	1.044	1763			93.0	93.0	49.8		93
Wet Bulb	9802591	131439	74.6	1.349	1763			93.0	87.5			93
Dew Point	9285389	127909	72.6	1.734	1763			93.0	49.5			93

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

2

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 45-71

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
82/ 81			.2	.9														20	20																
80/ 79		1.5	2.9	4.6	3.9													1303	1304	2	2														
78/ 77		2.2	9.8	9.8	.3													389	389	76	15														
76/ 75		1.5	.6	.3														41	41	711	146														
74/ 73	.2	.2	.1	.1														9	9	836	680														
72/ 71																					131	644													
70/ 69																					6	255													
68/ 67																						17													
66/ 65																						3													
TOTAL	.2	5.4	31.6	58.6	4.2														1762	1762		1762													

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	11380519	141361	80.2	4.734	1762	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	11009037	139303	79.0	1.077	1763			93.0	93.0	34.6		93
Wet Bulb	9731399	130923	74.3	1.315	1762			93.0	85.8			93
Dew Point	9221836	127434	72.3	1.745	1762			92.8	44.5			93

USAFETAC FORM 0-26-5 (01.A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1  
2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21663      JOHNSTON ISLAND/PACIFIC IS      45-71      AUG  
STATION      STATION NAME      YEARS      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
84/ 83		.1	.2	1.3	1.7	.3											63	63		
82/ 81		.2	2.4	16.6	10.0	.3											519	519	1	
80/ 79		1.0	12.4	35.0	7.7	.1											991	991	9	2
78/ 77		1.4	3.9	3.5	.3												160	160	142	32
76/ 75	.1	1.1	.3														27	27	825	173
74/ 73		.2	.1														4	4	699	709
72/ 71																			88	615
70/ 69																				213
68/ 67																				20
TOTAL	.1	3.9	19.3	56.3	19.6	.8												1764		1764
																	1764		1764	

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	10796834	137662	78.1	5.358	1764			93.0	93.0	66.9		93
Dry Bulb	11308867	141219	80.1	1.393	1764			93.0	88.4	.1		93
Wet Bulb	9844086	131754	74.7	1.372	1764			93.0	48.3	.1		93
Dew Point	9282628	127924	72.5	1.794	1764							

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21673 STATION JOHNSTON ISLAND/PACIFIC IS STATION NAME 45-71 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														
90/ 89				.1		.2	.1		.1									7	7																
88/ 87				.2	.6	.7	.1											28	28																
86/ 85			.2	1.5	6.7	7.1	.9											288	288																
84/ 83		.1	.9	7.8	24.6	9.4	.2											757	757		2														
82/ 81		.2	2.2	14.6	13.6	1.6												566	566	11	3														
80/ 79		.3	2.6	1.8	.2													87	87	87	19														
78/ 77		.4	.5															16	16	441	78														
76/ 75		.5	.1															10	10	931	299														
74/ 73	.1	.1																4	4	279	640														
72/ 71																				12	567														
70/ 69																					148														
68/ 67																					9														
TOTAL	.1	1.5	6.4	26.0	45.7	19.0	1.2		.1									1763	1763	1763	1763														

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	9331927	127787	72.5	6.284	1763	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	12144137	146285	83.0	1.866	1763			93.0	93.0	90.2		93
Wet Bulb	10159657	133805	75.9	1.574	1763			93.0	92.4	2.4		93
Dew Point	9426484	128862	73.1	2.083	1763			93.0	34.8	.6		93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 49-71

STATION STATION NAME YEARS MONTH

PAGE 1 1200-1400  
 HOURS T.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
92/ 91					.1	.2	.1	.1										7	7																
90/ 89				.2	.2	.8	.5	.1										32	32																
88/ 87				.3	1.0	2.4	.5											76	76																
86/ 85			.1	2.6	4.1	21.4	2.0	.1										712	712																
84/ 83		.1	.7	6.6	18.7	10.4	.2											647	647	5															
82/ 81			1.2	5.8	5.3	.2												221	221	20	5														
80/ 79		.2	1.5	.8	.1													47	47	137	18														
78/ 77		.6	.3	.1														18	18	568	96														
76/ 75	.1	.2																4	4	860	334														
74/ 73		.1																2	2	164	610														
72/ 71																				6	563														
70/ 69																					132														
68/ 67																					7														
66/ 65																					1														
TOTAL	.1	1.1	3.9	16.4	39.5	35.4	3.4	.2										1766	1766	1766	1766														

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	8784122	124026	70.2	6.466	1766			93.0	93.0	90.4		93
Dry Bulb	12510864	148598	84.1	2.028	1766			93.0	92.7	4.1		93
Wet Bulb	10296838	129347	73.2	2.140	1766			92.9	56.0	.7		93
Dew Point	9481833											

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS

45-71

AUG

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																													1	1					
86/85				.2	.1																												7	7					
84/83		.1	.1	1.1	2.3	.2																											65	65					
82/81			4.9	29.5	11.1	.2																											807	807	2	1			
80/79		1.0	9.5	27.4	7.3	.1																											797	797	8	1			
78/77		.9	2.2	.6	.4																												72	72	197	33			
76/75	.1	.7	.2																														16	16	942	238			
74/73																																				560	748		
72/71																																				55	561		
70/69																																				1	168		
68/67																																					14		
66/65																																				1			
TOTAL	.1	2.7	16.8	58.9	21.1	.5																														1765	1765	1765	1765

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						< 0 F	< 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	10642851	136769	77.5	5.033	1765							
Dry Bulb	11440394	142082	80.5	1.267	1765			93.0	93.0	79.3		93
Wet Bulb	9928461	132355	75.0	1.375	1765			93.0	90.0	.2		93
Dew Point	9351083	128431	72.8	1.805	1765			92.9	53.8	.1		93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21003 JOHNSTON ISLAND/PACIFIC IS 45-71

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														
86/ 85						.1	.1											2	2																
84/ 83						.1												2	2																
82/ 81		.1	5.4	16.9	2.2													432	432																
80/ 79		.5	16.3	42.1	6.1	.1												1149	1149	1															
78/ 77	.1	1.7	3.9	3.0	.5													162	162	161	33														
76/ 75	.1	.4	.6															18	18	933	205														
74/ 73		.1																1	1	599	800														
72/ 71																				67	548														
70/ 69																				5	165														
68/ 67																					12														
66/ 65																					3														
TOTAL	.1	2.7	26.2	62.0	8.8	.2	.1												1766	1766	1766														
																		1766		1766															

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	11085430	139684	79.1	4.575	1766	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	11264937	141033	79.9	1.070	1766			93.0	93.0	68.6		93
Wet Bulb	9884422	132100	74.8	1.326	1766			93.0	89.2			93
Dew Point	9348155	128451	72.7	1.716	1766			92.8	54.7			93

FORM 0-26-5 (O.L.A.) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 USAFETAC

2

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603      JOHNSTON ISLAND/PACIFIC IS      45-71      SEP

STATION

STATION NAME

YEARS

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	.2												4	4																
82/ 81			1.2	8.4	1.9													197	197																
80/ 79		.4	17.3	8.2	4.9	.4												1216	1217																
78/ 77	.1	1.2	6.1	8.0	.4													268	270	60	7														
76/ 75	.1	.6	.4	.1	.1													22	22	788	130														
74/ 73																				738	703														
72/ 71																				114	628														
70/ 69																				9	214														
68/ 67																					13														
66/ 65																					9														
TOTAL	.2	2.2	25.0	64.7	7.3	.6												1707	1710	1704	1704														

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Rel. Hum.	10678020	184682	79.0	4.397	1704							
Dry Bulb	10804243	135911	79.5	1.087	1710			90.0	90.0	51.7		90
Wet Bulb	9457435	127039	74.4	1.302	1707			90.0	83.5			90
Dew Point	8924255	123282	72.3	1.684	1704			89.5	44.4			90

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 45-71

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
82/ 81			.9	3.1	.6													78	78																
80/ 79		.3	1.8	4.4	7.3	4.2	.2											1200	1200																
78/ 77	.1	1.3	8.2	12.0	1.1												385	388	96	3															
76/ 75		1.0	.9	.4	.1												40	40	648	109															
74/ 73																			842	604															
72/ 71		.1															1	1	138	726															
70/ 69																			19	224															
68/ 67																			1	23															
66/ 65																				11															
64/ 63																				1															
TOTAL	.1	2.6	28.4	62.7	5.9	.2											1704	1707	1704	1701															

Element (X)	$\sum x'$	$\sum x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	10753906	135048	79.4	4.339	1701	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	10692549	135087	79.1	1.125	1707			90.0	89.9	39.4		90
Wet Bulb	9383982	126432	74.2	1.346	1704			90.0	81.7			90
Dew Point	8859197	122722	72.1	1.720	1701			89.4	37.9			90

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

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DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21003 JOHNSTON ISLAND/PACIFIC IS 49-71 SEP  
STATION STATION NAME YEARS MONTH

PAGE 1 0600-0800  
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
88/ 87							.1											1	1																
86/ 85					.1	.1												2	2																
84/ 83		.1	.1	1.4	3.3	.9												96	96																
82/ 81			2.9	16.3	12.1	.7												538	538	1															
80/ 79		.4	10.0	34.7	5.8	.3												872	875	2	2														
78/ 77		1.2	4.5	3.6	.6													169	169	113	11														
76/ 75	.1	.5	.5															19	19	819	146														
74/ 73		.2	.1															4	4	694	657														
72/ 71																				66	663														
70/ 69																				10	190														
68/ 67																					22														
66/ 65																					7														
TOTAL	.1	2.4	17.6	56.0	21.9	1.9	.1											1701	1704	1701	1698														
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	10212966	131378	77.4	5.316	1698	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90																							
Dry Bulb	10958058	136624	80.2	1.487	1704			90.0	90.0	65.9		90																							
Wet Bulb	9476414	126942	74.6	1.329	1701			90.0	86.0	.1		90																							
Dew Point	8902186	122912	72.4	1.723	1698			89.6	49.3	.1		90																							

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 STATION JOHNSTON ISLAND/PACIFIC IS STATION NAME 45-71 YEARS SEP 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						.2		.2																									3	3				
90/ 89						.3		.4																									15	15				
88/ 87				.1	1.5	6.0	1.4																										155	155				
86/ 85			.1	1.5	12.9	20.6	2.2																										635	635				
84/ 83			.7	6.2	21.1	8.4	.5																										632	632				
82/ 81		.1	1.2	5.2	5.0	.5																											204	204	11			
80/ 79		.2	.6	.9	.3																												39	39	115	9		
78/ 77		.4	.6		.2																												21	21	591	80		
76/ 75	.1	.2																															5	5	839	322		
74/ 73																																				145	643	
72/ 71																																				7	540	
70/ 69																																				1	97	
68/ 67																																					13	
66/ 65																																					2	
TOTAL	.1	1.0	3.4	13.9	41.1	35.8	4.5	.2																											1709	1709	1709	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	8356053	118945	69.7	6.080	1706	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	12138174	143988	84.3	1.992	1709			90.0	90.0	88.1		90
Wet Bulb	995516	130412	76.3	1.514	1709			90.0	89.6	1.9		90
Dew Point	9138563	124817	73.2	1.954	1706			89.9	55.6	.1		90

USAFETAC FORM 0-26-5 (O.L.A.) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 45-71

STATION STATION NAME YEARS 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											1	1																
90/ 89					.1		.2											4	4																
88/ 87					.1	.2	1.9	.8										52	52																
86/ 85				.6	6.9	8.5	.4											281	281																
84/ 83		.1	.5	7.0	21.5	7.8	.1											632	632																
82/ 81			1.6	14.9	15.5	1.6												575	575	6	1														
80/ 79		.2	2.2	4.1	1.1	.1												131	131	41	5														
78/ 77		.4	.8	.1	.1													24	24	440	41														
76/ 75		.2	.1	.1														8	8	920	250														
74/ 73																				273	665														
72/ 71																				27	594														
70/ 69																				1	132														
68/ 67																					15														
66/ 65																					2														
TOTAL		.8	5.3	26.9	45.5	20.0	1.4	.1										1708	1708	1705															

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	8908490	122848	72.1	5.780	1705	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90
Dry Bulb	11749376	141596	82.9	2.001	1708			90.0	90.0	86.7		90
Wet Bulb	9804920	129384	75.6	1.503	1708			90.0	88.5	.7		90
Dew Point	9060372	124250	72.9	1.873	1705			89.9	50.8	.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

21603 JOHNSTON ISLAND/PACIFIC IS

45-71

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87							.1											1		1	
86/ 85						.1	.5	.1										11	11		
84/ 83			.1	.8	2.3	.7												65	65		
82/ 81		.2	3.7	27.9	12.8	.2												766	766		
80/ 79		.5	8.9	28.1	7.7	.7												785	785	7	2
78/ 77		.9	2.0	1.0														68	68	156	22
76/ 75		.6	.2	.1														14	14	896	152
74/ 73																				596	746
72/ 71																				49	599
70/ 69																				6	165
68/ 67																					15
66/ 65																					5
64/ 63																					1
TOTAL	2.2	14.9	57.8	22.9	2.0	.1	.1											1710	1710		1707

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	10157605	131403	77.0	4.982	1707	≤ 0 F	≤ 32 F	< 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	11093235	137711	80.5	1.323	1710			90.0	90.0	76.1		90
Wet Bulb	9586807	128017	74.9	1.319	1710			90.0	87.1	.1		90
Dew Point	8999992	123912	72.6	1.739	1707			89.7	48.6			90

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21003 JOHNSTON ISLAND/PACIFIC IS 45-71

SEP  
 MONTH

PAGE 1 2100-2300  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
84/ 83				.1	.4	.1												9	9																
82/ 81			2.9	2.8	5.0	.1												492	492																
80/ 79		.8	1.1	2.3	5.4	.6												1062	1062	1															
78/ 77		1.2	3.9	2.7	.2													136	136	105	16														
76/ 75	.1	.2	.2															9	9	876	155														
74/ 73																				664	757														
72/ 71																				54	603														
70/ 69																				8	153														
68/ 67																					16														
66/ 65																					5														
TOTAL	.1	2.2	20.0	65.9	11.1	.8												1708	1708	1708	1705														

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	10500559	123987	78.4	4.466	1705			90.0	90.0	66.0		90
Dry Bulb	10922562	136874	80.0	1.060	1708			90.0	86.7			90
Wet Bulb	9532072	127576	74.7	1.261	1708			89.7	49.0			90
Dew Point	8981872	123716	72.6	1.654	1705							90

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 45-71 OCT  
STATION STATION NAME YEARS 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					.2													3	3																
82/ 81			1.8	5.8	1.4													159	159																
80/ 79		.8	17.3	39.3	5.7	.2												1118	1118																
78/ 77		1.9	12.3	7.8	1.1													409	409	81	6														
76/ 75	.3	2.0	1.2	.2														65	65	740	156														
74/ 73	.1	.4	.3															13	13	770	704														
72/ 71																				161	634														
70/ 69																				15	219														
68/ 67																					42														
66/ 65																					6														
TOTAL	.3	5.2	32.9	53.1	8.3	.2												1767	1767	1767	1767														

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0$ F	$\leq 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	
Rel. Hum.	11350634	141318	80.0	5.243	1767							
Dry Bulb	11056611	139753	79.1	1.336	1767			93.0	93.0	39.3		93
Wet Bulb	9756499	131277	74.3	1.387	1767			93.0	83.7			93
Dew Point	9243830	127764	72.3	1.809	1767			92.7	45.6			93

USAFETAC FORM 0-26-5 (OLA) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21003 JOHNSTON ISLAND/PACIFIC IS 45-71 OCT  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 0300-0500  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
82/ 81			.9	2.7	.9													79	79																
80/ 79		.5	1.4	3.6	5.6	.2												1066	1066																
78/ 77		2.2	5.2	11.3	1.3													529	529	51	4														
76/ 75	.2	1.8	1.6	.6														75	75	65	121														
74/ 73	.1	.6	.1															13	13	834	665														
72/ 71		.2	.1															5	5	204	660														
70/ 69																				28	252														
68/ 67																					56														
66/ 65																					8														
TOTAL	.3	5.2	36.3	50.1	7.8	.2												1767	1767		1766														
																		1767		1767															

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Rel. Hum.	11410114	141694	80.2	5.203	1767							
Dry Bulb	10976630	139248	78.8	1.351	1767			93.0	92.7	30.6		93
Wet Bulb	9701313	130908	74.1	1.298	1767			93.0	80.8			93
Dew Point	9185216	127322	72.1	1.809	1766			92.6	41.6			93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 43-71 PCT  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 0600-0800  
 HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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													1	1																
84/83				.7	2.0	.4												54	54																
82/81		.1	2.3	11.7	8.6	1.0												419	419																
80/79		.6	16.5	30.6	7.4	.2												973	973		1														
78/77		1.5	8.1	4.5	.7													262	262	109	7														
76/75		1.3	1.0	.2														45	45	816	176														
74/73	.1	.2	.1															5	5	679	708														
72/71		.1																2	2	144	580														
70/69	.1																	1	1	13	238														
68/67																					51														
66/65																					2														
TOTAL	.1	3.8	27.9	47.8	18.8	1.6													1762	1762	1762														

Σ X'	Σ X	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total
					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	
10901601	138219	78.4	5.793	1762			93.0	92.8	56.2	93
11203542	140474	79.7	1.575	1762			93.0	84.7		93
9777598	131232	74.5	1.424	1762			92.9	47.0		93
9221992	127430	72.3	1.861	1762						

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21693      JOHNSTON ISLAND/PACIFIC IS      43-71      OCT  
STATION      STATION NAME      YEARS      MONTH

PAGE 1      0900-1100  
HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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	.2	.8	.2	.1										22	22																
86/ 85			.1	.8	4.4	5.7	.6	.1										207	207																
84/ 83			.7	9.8	21.6	9.3	.3											740	741																
82/ 81		.1	2.9	17.3	11.6	1.8												599	599	4	2														
80/ 79		.4	3.1	3.6	.7	.1												140	140	52	9														
78/ 77		.3	1.6	.4														42	42	443	58														
76/ 75		.4	.1															9	9	931	303														
74/ 73		.2	.2															6	6	294	687														
72/ 71		.1																2	2	39	509														
70/ 69																				4	161														
68/ 67																					36														
66/ 65																					1														
64/ 63																					1														
TOTAL	1.5	8.7	32.3	38.5	17.8	1.1	.1											1767	1768	1767	1767														
Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	9537332	129298	73.2	6.565	1767	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	12060782	145985	82.6	1.947	1768			93.0	92.9	88.1		93																							
Wet Bulb	10135815	133799	75.7	1.582	1767			93.0	90.7	1.2		93																							
Dew Point	9417215	128943	73.0	2.112	1767			92.9	59.7	.2		93																							

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603      JOHNSTON ISLAND/PACIFIC IS      45-71      OCT  
STATION      STATION NAME      YEARS      MONTH

PAGE 1      1200-1400  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point													
90/ 89					.2	.2												6	6																
88/ 87				.2	1.0	2.0	1.3											78	78																
86/ 85			.3	1.4	10.5	13.9	2.4	.1										505	505																
84/ 83			.5	9.0	18.3	9.7	.9	.1										680	680																
82/ 81			2.4	9.1	8.2	1.6	.1											377	378	10	4														
80/ 79		.3	2.3	1.5	.3													76	76	93	8														
78/ 77		.5	1.0	.3	.1													32	32	542	75														
76/ 75		.3	.2															8	8	832	351														
74/ 73		.2	.1															4	4	253	578														
72/ 71																				31	556														
70/ 69																				3	153														
68/ 67																						34													
66/ 65																						5													
62/ 61																						1													
TOTAL		1.2	6.6	21.4	38.4	27.4	4.8	.2												1766	1766	1765													

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	9008754	125560	71.1	6.800	1766	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	12329312	147554	83.5	2.096	1767			93.0	93.0	89.4		93
Wet Bulb	10209449	134248	76.0	1.671	1766			93.0	91.2	2.0		93
Dew Point	9417160	128864	73.0	2.221	1765			92.7	53.5	.3		93

USAFETAC FORM 84 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS

45-71

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point																		
90/ 89							.1	.1	.1																								3	3				
88/ 87					.1	.4	.5	.2																									19	20				
86/ 85				.1	.6	4.0	4.3	.6																									167	167				
84/ 83			.6	5.9	16.3	6.7	.5																										531	531				
82/ 81		.1	3.4	16.7	15.8	2.5																											677	677	3			
80/ 79		.1	4.8	7.8	3.4	.2																											287	287		8		
78/ 77		.7	2.2	.8	.1																												67	67	343	37		
76/ 75		.5	.2																														13	13	919	263		
74/ 73		.1																															1	1	383	657		
72/ 71																																				68	571	
70/ 69																																					185	
68/ 67																																					42	
66/ 65																																					2	
TOTAL		1.4	11.2	31.8	40.1	14.2	1.2	.1																											1765	1766		1765
Element (X)	$\Sigma X^2$	$\Sigma X$		$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.	9662170	130106		73.7	6.366	1765	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb	11900402	144924		82.1	2.054	1766			93.0	93.0	84.8		93																									
Wet Bulb	10042258	133104		75.4	1.594	1765			93.0	89.4	.7		93																									
Dew Point	9342169	128359		72.7	2.034	1765			92.9	90.8	.2		93																									

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS

45-71

OCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
84/ 83				.1	.1													3	3																
82/ 81			3.4	10.6	2.7													294	294																
80/ 79		.8	16.4	38.0	8.2	.2												1121	1121	3	1														
78/ 77	.1	2.3	8.9	5.1	.9													297	297	118	11														
76/ 75	.1	1.1	.7	.3														41	41	805	191														
74/ 73	.1	.1																3	3	694	724														
72/ 71																				129	574														
70/ 69																				10	217														
68/ 67																					35														
66/ 65																					6														
TOTAL	.2	4.4	29.4	54.1	11.6	.2												1759	1759	1759	1759														

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\geq 0 F$	$\geq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	11106745	139469	79.2	5.248	1759			93.0	93.0	53.6		93
Dry Bulb	11115930	139814	79.5	1.267	1759			93.0	93.7			93
Wet Bulb	9768913	121063	72.4	1.835	1759			92.7	49.0			93
Dew Point	9237594	127430	72.4	1.835	1759			92.7	49.0			93

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



1  
2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS

45-71

NOV

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81				.2	.1													5	5		
80/ 79		.1	0.7	1.6	2.8	.1												443	443		
78/ 77		3.1	25.9	21.5	6.7	.4	.1											952	954	6	1
76/ 75	.1	2.8	5.2	3.6	.4	.3	.1											205	206	306	64
74/ 73		1.3	.2	.5	.2	.1												39	39	781	374
72/ 71		.2		.1														5	5	430	615
70/ 69																				101	354
68/ 67																				13	178
66/ 65																				11	39
64/ 63																				1	9
62/ 61																					9
60/ 59																					5
58/ 57																					1
TOTAL	.1	7.4	38.0	42.1	11.2	.9	.2											1649	1652	1649	1649

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0$ F	$\leq 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	
Rel. Hum.	10618415	121927	80.0	6.217	1649							
Dry Bulb	9985398	128418	77.7	1.312	1652			90.0	89.7	4.4		90
Wet Bulb	8801321	120437	73.0	1.748	1649			89.2	59.7			90
Dew Point	8312469	117011	71.0	2.402	1649			86.6	24.0			90

USAFETAC FORM 0-26-5 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



1  
2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603      JOHNSTON ISLAND/PACIFIC IS      45-71      NOV  
STATION      STATION NAME      YEARS      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														
86/ 85			.1	.1	1.2	1.6	.2											51	52																
84/ 83			.4	4.0	9.3	5.4	1.2	.1										335	336																
82/ 81			3.0	17.6	15.4	5.5	.7	.2										698	702	1															
80/ 79	.1	.3	5.0	13.0	7.0	2.0	.2	.1										456	458	13	3														
78/ 77		.5	2.5	1.5	.1	.3												81	81	207	27														
76/ 75	.1	.3	.5	.1														17	17	680	175														
74/ 73		.3	.1															6	6	522	485														
72/ 71		.1																1	1	180	512														
70/ 69																				36	278														
68/ 67																				6	112														
66/ 65																					39														
64/ 63																					9														
62/ 61																					3														
60/ 59																					2														
TOTAL	.1	1.5	11.6	36.3	32.9	14.8	2.3	.4										1645	1653	1645	1645														
Element (X)	Σ x <sup>2</sup>		Σ x		x̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.	8990511		121049		73.6		7.105		1645		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																		
Dry Bulb	10901558		134204		81.2		1.871		1653				90.0	89.9	76.8		90																		
Wet Bulb	9146345		122629		74.5		1.858		1645				90.0	77.9	.3		90																		
Dew Point	8491442		118118		71.8		2.561		1645				87.1	37.8	.1		90																		

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



DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 45-71 NOV  
STATION MONTH

PAGE 1 1500-1700  
HOURS U. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	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	.5	1.2	.7	.1																										42	42			
84/83			.2	3.2	7.0	3.1	.4																										229	229			
82/81		.1	1.8	13.7	17.3	3.8	.4																										611	612	1		
80/79		.2	5.9	17.2	10.7	1.9	.4																										597	598	22	2	
78/77	.1	.7	2.9	2.5	1.2	.2	.1																										124	125	147	32	
76/75	.1	.8	1.0	.1	.2	.1																											38	38	620	140	
74/73		.1	.1																														3	3	620	441	
72/71	.1	.1																															3	3	181	571	
70/69																																			49	304	
68/67																																			7	99	
66/65																																			1	40	
64/63																																				12	
62/61																																				6	
TOTAL	.2	2.1	12.0	37.1	37.6	9.7	1.3																											1648	1651	1648	1647

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	9191599	122981	74.4	6.692	1648	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	10764264	133272	80.7	1.951	1651			90.0	89.8	70.2		90
Wet Bulb	9111497	122499	74.3	1.893	1648			89.9	77.0	.2		90
Dew Point	8472272	118034	71.7	2.310	1647			86.8	33.6			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

21003 JOHNSTON ISLAND/PACIFIC IS

45-71

NOV  
 MONTH

YEARS

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			.1	1.1	.3													25	25																
80/ 79		.4	1.9	2.5	7.4	.5												822	822																
78/ 77		2.4	16.6	16.7	5.6	.8												695	698	16	2														
76/ 75	.2	1.3	1.8	1.3	.5	.4												91	91	464	67														
74/ 73		.2	.2	.2	.1	.1												14	14	760	470														
72/ 71	.1	.1																3	3	315	582														
70/ 69																				72	329														
68/ 67																				19	140														
66/ 65																				3	34														
64/ 63																				1	17														
62/ 61																					5														
60/ 59																					3														
58/ 57																					3														
TOTAL	.4	4.5	2.5	4.8	13.9	1.8													1650	1650	1650	1650													
																			1650		1650														

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	10366479	130401	79.0	6.071	1650	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	10170109	129641	78.4	1.270	1650			90.0	89.8	16.7		90
Wet Bulb	8904389	121177	73.4	1.755	1650			89.8	87.6			90
Dew Point	8387944	117378	71.3	2.388	1650			86.7	29.4			90

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

AD-A102 409

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC  
JOHNSTON ISLAND, PACIFIC ISLAND. REVISED UNIFORM SUMMARY OF SIB--ETC  
JUN 73

UNCLASSIFIED

USAFETAC/DS-81/071

SBIE-AD-E850 001

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5 OF 5

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8 JUN 73  
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2

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 STATION JOHNSTON ISLAND/PACIFIC IS STATION NAME 45-71 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															
82/ 81				.1														1	1																	
80/ 79			1.1	1.1	.1	.1												39	39																	
78/ 77		1.5	16.0	20.5	3.3	.4	.1											715	720	89	20															
76/ 75		4.1	15.7	18.5	3.3	1.8	.1											741	784	89	1															
74/ 73	.2	2.0	2.1	.9	.6	1.0												111	126	436	131															
72/ 71	.1	.7	.2	.4	.2													26	26	615	399															
70/ 69		.1																2	2	357	481															
68/ 67																				83	356															
66/ 65																				48	108															
64/ 63																				6	61															
62/ 61																					34															
60/ 59																					19															
58/ 57																					5															
TOTAL	.3	8.4	35.0	41.4	11.5	3.2	.1											1635	1698		1635															

Element (X)	Σ x'	Σ x	$\bar{x}$	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	10352107	129277	79.2	7.164	1635	≥ 0 F	≥ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	93
Dry Bulb	9867904	129422	70.2	1.400	1635			93.0	91.5	.2		93
Wet Bulb	8252720	116830	71.5	2.125	1635			89.9	29.9			93
Dew Point	7851672	113199	69.2	2.964	1635			80.1	9.8			93

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

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 43-71

DEC

PAGE 1 0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
84/ 83						.1												1	1																
82/ 81			.1	.2	.2	.1												9	9																
80/ 79		.1	1.9	4.9	2.7	.5												166	167																
78/ 77		1.6	13.4	21.4	8.6	1.3	.3											764	784	7															
76/ 75		2.3	13.0	13.5	3.7	2.1	.4											573	605	102	20														
74/ 73	.1	2.3	1.4	.7	.7	.5	.1											95	103	438	154														
72/ 71	.1	.5	.2	.2	.2													21	22	624	413														
70/ 69	.1	.2	.1	.1														7	7	304	451														
68/ 67		.1																1	1	82	363														
66/ 65																				47	97														
64/ 63																				12	61														
62/ 61																				1	40														
60/ 59																					22														
58/ 57																					9														
56/ 55																					2														
TOTAL	.3	7.1	30.0	41.1	16.1	4.6	.9											1637	1699	1637	1636														

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Num.						$\geq 0 F$	$\geq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Dry Bulb	10034552	127517	77.9	7.633	1636			93.0	91.4	2.0		93
Wet Bulb	8387453	117119	71.5	2.237	1637			89.6	32.2			93
Dew Point	7840036	113138	69.2	3.123	1636			79.9	9.9			93

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

2

DATA PROCESSING BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS

49-71

DEC

STATION

STATION NAME

YEARS

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																				
86/ 85					.1	.1																												2	2						
84/ 83			.1	1.0	1.2	.9	.2	.1	.1																									58	58						
82/ 81		.1	1.2	5.2	8.7	4.7	.6	.2	.1																									344	346						
80/ 79		.2	4.4	17.9	15.4	5.4	1.0	.2																										723	760						
78/ 77		.7	6.1	7.9	4.4	2.0	1.2	.2																										368	383	58	11				
76/ 75	.1	1.5	2.4	.9	.6	.6	.4																											106	112	287	71				
74/ 73		.7	.6	.3																															27	27	616	264			
72/ 71		.3	.1																																6	6	423	426			
70/ 69			.1																																2	2	134	417			
68/ 67																																						62	219		
66/ 65																																						25	109		
64/ 63																																						5	57		
62/ 61																																								29	
60/ 59																																							23		
58/ 57																																							8		
56/ 55																																							1		
TOTAL	.1	3.6	15.0	32.9	30.4	13.6	3.5	.8	.1																													1636	1696	1636	

Element (X)	Σ X'	Σ X	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	8995009	120512	73.7	8.482	1636			93.0	92.6	45.2		93
Dry Bulb	10654891	134383	79.2	1.980	1636			91.2	53.0	.2		93
Wet Bulb	8673838	119060	72.8	2.380	1636			80.1	19.7			93
Dew Point	8014237	114371	69.9	3.282	1636							93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 49-71 DEC  
STATION STATION NAME YEARS 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
88/ 87					.1	.1	.1										6	6		
86/ 85				.1	.4	.2	.1		.1								14	14		
84/ 83		.1	1.1	2.1	4.3	8.9	1.0	.2	.1								209	209		
82/ 81		.1	1.4	8.1	13.9	9.1	2.1	.1	.1								571	577		
80/ 79		.2	3.1	12.0	11.9	4.9	1.6	.3									554	600	38	9
78/ 77	.1	.6	3.4	3.4	2.1	1.5	.7	.1									193	193	85	30
76/ 75	.1	1.3	1.8	.6	.1	.1	.1										66	69	364	68
74/ 73	.1	.6	.4														16	19	605	305
72/ 71		.1	.2														4	4	358	411
70/ 69			.1														2	2	117	396
68/ 67																			60	211
66/ 65																			12	103
64/ 63																				48
62/ 61																				38
60/ 59																				11
58/ 57																				3
56/ 55																				1
TOTAL	.2	2.9	11.4	26.4	32.8	19.8	5.7	.6	.2								1635	1695	1635	1634
Element (X)	Σ x <sup>2</sup>		Σ x		x̄		s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.	8584717		117649		72.0		8.537		1635		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb	10936490		136100		80.3		2.219		1635				92.0	92.7	65.5		93			
Wet Bulb	8797529		119867		73.3		2.437		1635				92.3	61.9	1.0		93			
Dew Point	8082412		114784		70.2		3.399		1634				81.4	23.4	.1		93			

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21003 JOHNSTON ISLAND/PACIFIC IS

43-71

DEC  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
88/87						.1												1	1																	
86/85						.1	.1	.1										4	4																	
84/83			.1	.8	1.8	.7	.1	.1										61	61																	
82/81		.1	1.0	3.2	7.5	3.8	.3											295	296																	
80/79		.4	4.5	15.7	16.6	4.3	1.3											702	721	4																
78/77		.2	3.9	9.6	9.9	2.4	1.2	.1										406	431	59	10															
76/75		1.5	3.3	1.4	1.0	.7	.1											135	152	282	51															
74/73	.1	.9	.4	.1	.1	.1												25	26	574	266															
72/71		.1	.1															2	2	472	421															
70/69	.1		.1															3	3	157	449															
68/67			.1															1	1	68	215															
66/65																				17	108															
64/63																				2	61															
62/61																					41															
60/59																					10															
58/57																					2															
56/55																					1															
TOTAL	.1	3.2	15.3	32.7	33.0	12.2	3.2	.2	.1									1635	1698		1635															

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	9009361	120651	73.8	8.062	1635	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	10626750	134282	79.1	2.086	1698			93.0	92.7	41.7		93
Wet Bulb	8653396	118886	72.7	2.323	1635			91.8	52.3			93
Dew Point	7495516	114216	69.9	3.201	1635			80.3	18.6			93

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

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

21603 JOHNSTON ISLAND/PACIFIC IS

45-71

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2000  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81			.1	.2														4	4		
80/ 79		.2	4.7	8.3	2.0	.4	.1											257	257		
78/ 77		1.6	14.6	29.1	13.1	2.0	.4											991	1006	6	3
76/ 75		2.3	5.9	6.8	3.1	1.2	.2											320	368	154	32
74/ 73	.1	1.0	.6	.2	.5	.3												44	43	327	203
72/ 71	.1	.4	.1	.1	.1													12	12	596	435
70/ 69		.1	.1	.1														4	4	237	453
68/ 67	.1																	2	2	83	307
66/ 65	.1																	1	1	27	92
64/ 63																				5	56
62/ 61																					41
60/ 59																					7
58/ 57																					6
TOTAL	.4	5.6	25.9	44.0	18.7	3.9	.7												1699		1635
																		1635		1635	
Element (X)	Σ X'	Σ X	X	X	No. Obs.	Mean No. of Hours with Temperature										Total					
Rel. Hum.	9912652	126767	77.5	7.169	1699	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				93						
Dry Bulb	10133027	131189	77.2	1.502	1699						92.9	92.0	3.2			93					
Wet Bulb	8474084	117654	72.0	2.177	1699						91.2	39.1				93					
Dew Point	7929008	113724	69.6	3.012	1699						81.8	13.8				93					

USAFETAC FORM 34 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

21603 STATION JOHNSTON ISLAND/PACIFIC IS STATION NAME 95-71 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				
82/ 81			.1															1	1						
80/ 79		.1	2.7	3.7	.9													120	120						
78/ 77		2.0	18.1	29.3	7.6	.9	.2											946	958	6	1				
76/ 75		2.9	9.9	9.6	4.0	2.2	.1	.1										468	521	123	22				
74/ 73	.2	1.6	1.5	.8	.3	.4												80	81	512	183				
72/ 71	.1	.2	.4	.1														13	13	631	480				
70/ 69																			1	231	476				
68/ 67																			1	86	274				
66/ 65																				39	85				
64/ 63																				3	51				
62/ 61																				1	36				
60/ 59																					16				
58/ 57																					4				
TOTAL	.2	6.9	32.7	43.5	12.9	3.4	.3	.1										1628	1696		1628				
																				1628		1628			

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total					
Rel. Hum.	10155704	128078	78.7	6.993	1628							
Dry Bulb	10003550	130232	76.8	1.402	1696			93.0	92.2	.8		93
Wet Bulb	841298	116980	71.9	2.126	1628			90.8	36.6			93
Dew Point	7899062	113200	69.6	2.933	1628			82.0	11.8			93

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

2

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

21603 JOHNSTON ISLAND/PACIFIC IS 49-72

STATION

STATION NAME

YEARS

HRS L S T		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	75.2	75.0	75.1	75.8	77.0	78.0	78.8	79.3	79.5	79.1	78.1	76.5	77.3
	S D	1.586	1.365	1.441	1.365	1.276	1.098	1.066	1.044	1.087	1.336	1.306	1.373	2.098
	TOTAL OBS	1637	1519	1701	1735	1797	1712	1762	1763	1710	1767	1651	1699	20453
03-05	MEAN	74.8	74.6	74.7	75.5	76.6	77.7	78.4	79.0	79.1	78.8	77.7	76.2	77.0
	S D	1.594	1.375	1.415	1.384	1.269	1.041	1.063	1.077	1.125	1.351	1.312	1.400	2.105
	TOTAL OBS	1636	1519	1702	1736	1797	1712	1767	1763	1707	1767	1652	1698	20456
06-08	MEAN	75.3	75.2	75.4	76.4	77.8	78.9	79.5	80.1	80.2	79.7	78.5	76.7	77.8
	S D	1.772	1.610	1.708	1.653	1.471	1.428	1.377	1.393	1.487	1.575	1.559	1.630	2.409
	TOTAL OBS	1643	1519	1702	1736	1795	1711	1767	1764	1704	1762	1650	1699	20452
09-11	MEAN	78.1	78.0	78.3	79.3	80.6	81.7	82.4	83.0	83.2	82.6	81.2	79.2	80.7
	S D	2.065	2.087	2.104	1.993	1.897	1.984	1.736	1.866	1.893	1.947	1.871	1.980	2.686
	TOTAL OBS	1642	1517	1702	1736	1792	1710	1765	1763	1710	1768	1653	1696	20454
12-14	MEAN	79.3	79.4	79.6	80.4	81.7	82.9	83.6	84.1	84.3	83.5	82.1	80.3	81.8
	S D	2.316	2.213	2.341	2.253	2.071	1.743	1.904	2.028	1.993	2.096	1.998	2.219	2.782
	TOTAL OBS	1645	1520	1703	1735	1797	1711	1765	1766	1709	1767	1650	1695	20463
15-17	MEAN	78.2	78.4	78.4	79.2	80.5	81.9	82.7	83.1	82.9	82.1	80.7	79.1	80.6
	S D	2.207	2.020	2.227	2.164	2.184	1.893	1.956	2.024	2.001	2.054	1.951	2.088	2.736
	TOTAL OBS	1645	1519	1701	1737	1798	1712	1764	1766	1708	1766	1651	1698	20465
18-20	MEAN	76.0	76.0	76.1	76.9	78.1	79.3	80.0	80.5	80.5	80.0	78.8	77.2	78.3
	S D	1.986	1.469	1.608	1.535	1.516	1.329	1.298	1.267	1.323	1.374	1.350	1.502	2.233
	TOTAL OBS	1645	1519	1699	1735	1797	1713	1765	1765	1710	1765	1654	1699	20466
21-23	MEAN	75.5	75.4	75.5	76.3	77.5	78.5	79.3	79.9	80.0	79.5	78.4	76.8	77.7
	S D	1.474	1.340	1.408	1.348	1.264	1.088	1.028	1.070	1.060	1.267	1.270	1.402	2.101
	TOTAL OBS	1645	1519	1700	1734	1796	1711	1760	1766	1708	1759	1653	1696	20447
ALL HOURS	MEAN	76.6	76.5	76.6	77.5	78.7	79.9	80.6	81.1	81.2	80.7	79.4	77.8	78.9
	S D	2.444	2.427	2.515	2.465	2.444	2.359	2.383	2.389	2.382	2.354	2.226	2.253	2.961
	TOTAL OBS	13138	12151	13610	13884	14369	13692	14115	14116	13666	14121	13214	13380	163656

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

21603 JOHNSTON ISLAND/PACIFIC IS 45-72

STATION		YEARS												
STATION NAME		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	70.3	70.0	70.2	71.4	72.4	73.2	73.8	74.6	74.4	74.3	73.3	71.7	72.6
	S D	2.480	2.265	2.295	1.790	1.506	1.305	1.383	1.349	1.302	1.387	1.766	2.153	2.410
	TOTAL OBS	1559	1489	1698	1702	1767	1697	1762	1763	1707	1767	1648	1639	20198
03-05	MEAN	70.0	69.7	70.0	71.1	72.1	72.9	73.6	74.3	74.2	74.1	73.0	71.5	72.3
	S D	2.489	2.329	2.282	1.777	1.513	1.313	1.409	1.315	1.346	1.398	1.748	2.155	2.422
	TOTAL OBS	1558	1489	1698	1703	1766	1697	1767	1762	1704	1767	1649	1635	20195
06-08	MEAN	70.1	69.9	70.3	71.5	72.7	73.5	74.1	74.7	74.6	74.5	73.3	71.5	72.6
	S D	2.517	2.458	2.395	1.876	1.510	1.362	1.379	1.372	1.329	1.424	1.789	2.237	2.520
	TOTAL OBS	1565	1489	1698	1705	1766	1697	1767	1764	1701	1762	1644	1637	20195
09-11	MEAN	71.4	71.3	71.8	72.9	74.0	74.7	75.3	75.9	76.0	75.7	74.5	72.8	73.9
	S D	2.601	2.588	2.514	1.983	1.655	1.374	1.588	1.574	1.432	1.582	1.858	2.380	2.576
	TOTAL OBS	1564	1488	1701	1702	1765	1698	1765	1763	1707	1767	1645	1636	20201
12-14	MEAN	72.0	71.9	72.4	73.4	74.5	75.1	75.8	76.3	76.3	76.0	75.0	73.3	74.4
	S D	2.605	2.574	2.574	2.050	1.792	1.490	1.693	1.634	1.514	1.671	1.929	2.437	2.579
	TOTAL OBS	1567	1492	1702	1701	1767	1699	1765	1766	1709	1766	1646	1635	20215
15-17	MEAN	71.5	71.5	71.7	72.8	73.9	74.7	75.4	75.9	75.8	75.4	74.3	72.7	73.9
	S D	2.493	2.447	2.429	1.912	1.772	1.452	1.608	1.557	1.503	1.594	1.895	2.323	2.516
	TOTAL OBS	1567	1492	1699	1708	1768	1700	1764	1766	1708	1765	1648	1635	20220
18-20	MEAN	70.8	70.5	70.7	71.8	73.0	73.7	74.4	75.0	74.9	74.6	73.6	72.0	73.0
	S D	2.449	2.292	2.226	1.787	1.611	1.340	1.423	1.375	1.319	1.398	1.723	2.177	2.406
	TOTAL OBS	1570	1492	1699	1702	1767	1701	1765	1765	1710	1765	1651	1635	20222
21-23	MEAN	70.6	70.3	70.5	71.6	72.7	73.6	74.1	74.8	74.7	74.5	73.4	71.9	72.8
	S D	2.438	2.248	2.204	1.728	1.548	1.266	1.369	1.326	1.261	1.394	1.755	2.126	2.380
	TOTAL OBS	1568	1492	1699	1702	1765	1699	1760	1766	1708	1759	1650	1628	20196
ALL HOURS	MEAN	70.9	70.6	71.0	72.1	73.2	73.9	74.6	75.2	75.1	74.9	73.8	72.2	73.2
	S D	2.597	2.522	2.507	2.024	1.797	1.570	1.678	1.605	1.562	1.630	1.926	2.339	2.583
	TOTAL OBS	12518	11923	12594	12625	14131	12588	14115	14115	12654	14118	12181	12080	161642

2  
 DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

21603 JOHNSTON ISLAND/PACIFIC IS 45-72

STATION	STATION NAME	YEARS												
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	68.0	67.6	67.9	69.3	70.4	71.0	71.7	72.6	72.3	72.3	71.2	69.5	70.4
	S D	3.444	3.230	3.132	2.344	1.951	1.709	1.781	1.734	1.684	1.809	2.412	2.986	2.969
	TOTAL OBS	1500	1489	1699	1702	1767	1697	1762	1763	1704	1767	1648	1639	20193
03-05	MEAN	67.7	67.3	67.7	69.1	70.2	70.8	71.5	72.3	72.1	72.1	71.0	69.2	70.2
	S D	3.469	3.304	3.132	2.303	1.956	1.770	1.833	1.745	1.720	1.809	2.402	2.964	2.988
	TOTAL OBS	1559	1489	1699	1702	1766	1697	1767	1762	1701	1766	1649	1633	20188
06-08	MEAN	67.7	67.4	67.8	69.3	70.5	71.2	71.8	72.5	72.4	72.3	71.1	69.2	70.3
	S D	3.533	3.429	3.288	2.468	1.981	1.835	1.805	1.794	1.723	1.861	2.460	3.123	3.099
	TOTAL OBS	1565	1489	1699	1705	1766	1697	1767	1764	1698	1762	1644	1636	20188
09-11	MEAN	68.4	68.2	68.7	70.2	71.2	71.8	72.5	73.1	73.1	73.0	71.8	69.9	71.1
	S D	3.704	3.693	3.483	2.692	2.258	1.946	2.115	2.083	1.874	2.112	2.561	3.382	3.239
	TOTAL OBS	1564	1488	1698	1702	1765	1698	1765	1763	1704	1767	1645	1636	20195
12-14	MEAN	68.6	68.5	69.1	70.3	71.4	72.0	72.7	73.2	73.2	73.0	72.0	70.2	71.3
	S D	3.751	3.738	3.581	2.829	2.403	2.128	2.238	2.140	1.954	2.221	2.655	3.399	3.267
	TOTAL OBS	1567	1491	1699	1700	1767	1698	1765	1766	1706	1765	1646	1634	20204
15-17	MEAN	68.5	68.3	68.7	70.0	71.2	71.8	72.5	73.0	72.9	72.7	71.7	69.9	71.0
	S D	3.581	3.531	3.314	2.584	2.317	2.016	2.060	2.027	1.875	2.034	2.510	3.201	3.132
	TOTAL OBS	1567	1492	1696	1708	1768	1700	1764	1767	1709	1765	1647	1635	20214
18-20	MEAN	68.3	67.8	68.2	69.6	70.7	71.3	72.0	72.8	72.6	72.4	71.3	69.6	70.6
	S D	3.413	3.289	3.004	2.380	2.106	1.800	1.836	1.805	1.739	1.853	2.349	3.012	2.974
	TOTAL OBS	1570	1492	1695	1702	1767	1700	1765	1765	1707	1765	1651	1635	20214
21-23	MEAN	68.2	67.8	68.2	69.5	70.7	71.3	71.9	72.7	72.6	72.4	71.3	69.6	70.6
	S D	3.415	3.152	2.994	2.284	2.002	1.692	1.795	1.716	1.654	1.835	2.388	2.933	2.927
	TOTAL OBS	1568	1492	1696	1702	1765	1699	1760	1766	1705	1759	1650	1628	20190
ALL HOURS	MEAN	68.2	67.9	68.3	69.7	70.8	71.4	72.1	72.8	72.6	72.5	71.4	69.6	70.7
	S D	3.555	3.449	3.282	2.528	2.169	1.907	1.979	1.910	1.812	1.971	2.494	3.148	3.098
	TOTAL OBS	12520	11922	13569	13623	14131	13586	14115	14116	13630	14116	13180	13078	161586

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# RELATIVE HUMIDITY

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%		
<b>TOTALS</b>												







2

# RELATIVE HUMIDITY

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%		
	00-01	100.0	100.0	100.0	100.0	99.7	99.7	99.9	99.9	99.9	99.9	170
	01-01	100.0	100.0	100.0	100.0	100.0	99.7	99.7	99.9	99.9	99.9	170
	01-10	100.0	100.0	100.0	100.0	100.0	99.7	99.7	99.9	99.9	99.9	170
	01-11	100.0	100.0	100.0	100.0	99.7	99.7	99.9	99.9	99.9	99.9	170
	01-12	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	170
	01-13	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	170
	01-14	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	170
	01-15	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	170
	01-16	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	170
	01-17	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	170
	01-18	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	170
	01-19	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	170
	01-20	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	170
	01-21	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	170
	01-22	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	170
	01-23	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	170
	01-24	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	170
	01-25	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	170
	01-26	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	170
	01-27	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	170
	01-28	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	170
	01-29	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	170
	01-30	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	170
	01-31	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	170
	TOTALS	100.0	100.0	100.0	100.0	99.9	98.4	93.6	84.1	76.5	77.4	1370









2

# RELATIVE HUMIDITY

STATION 7001710 PERIOD 1967 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%		
	00-0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	79.0	100
	01-0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	79.0	100
	02-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	03-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	04-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	05-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	06-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	07-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	08-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	09-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	10-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	11-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	12-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	13-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	14-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	15-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	16-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	17-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	18-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	19-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	20-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	21-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	22-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	23-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	24-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	25-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	26-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	27-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	28-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	29-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	30-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	31-0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	79.0	100
	TOTALS	100.0	100.0	100.0	100.0	100.0	99.9	78.3	19.2	1.5	75.6	1363

# RELATIVE HUMIDITY

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%			
	00-00	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	17.0
	01-00	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	17.0
	02-00	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	17.0
	03-00	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	17.0
	04-00	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	17.0
	05-00	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	17.0
	06-00	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	17.0
	07-00	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	17.0
	08-00	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	17.0
	09-00	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	17.0
	10-00	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	17.0
	11-00	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	17.0
	12-00	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	17.0
	13-00	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	17.0
	14-00	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	17.0
	15-00	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	17.0
	16-00	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	17.0
	17-00	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	17.0
	18-00	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	17.0
	19-00	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	17.0
	20-00	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	17.0
	21-00	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	17.0
	22-00	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	17.0
	23-00	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	17.0
	24-00	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	17.0
	TOTALS	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	1411.0





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

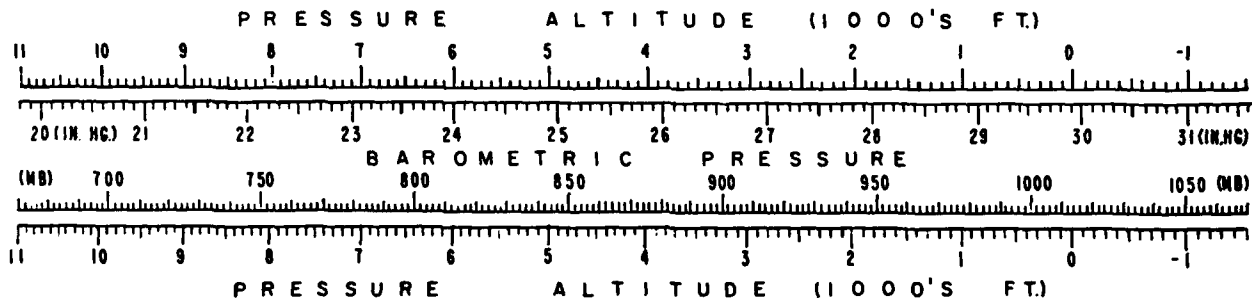
## PART F

## 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/PAC

## MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

21603 JOHNSTON ISLAND/PACIFIC IS 48-58.61-64.71

STATION	STATION NAME	YEARS											
21603	JOHNSTON ISLAND/PACIFIC IS	48-58.61-64.71											
HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN 29.90929	93029	94929	96029	95629	94829	94229	92329	90929	91829	91229	907	29.930
	S D .086	.067	.057	.053	.045	.037	.037	.036	.039	.042	.060	.068	.057
	TOTAL OBS 371	347	381	359	372	360	403	400	390	391	383	393	4550
03	MEAN 29.88429	90529	91929	92929	92729	92229	91629	89429	87929	88929	88429	880	29.902
	S D .085	.066	.059	.055	.048	.038	.037	.038	.040	.044	.059	.068	.058
	TOTAL OBS 371	347	381	359	372	360	404	401	390	391	383	393	4552
06	MEAN 29.89729	91729	93529	94729	94529	93829	93029	90629	89429	90529	89929	893	29.917
	S D .086	.067	.060	.061	.051	.037	.037	.039	.042	.042	.060	.067	.059
	TOTAL OBS 372	347	381	359	372	360	403	401	390	391	383	393	4552
09	MEAN 29.93329	95029	96829	97829	96929	95729	95029	93129	92229	93729	93029	928	29.946
	S D .089	.070	.060	.059	.049	.037	.037	.040	.041	.042	.061	.068	.059
	TOTAL OBS 372	347	381	359	372	360	402	400	390	391	383	393	4550
12	MEAN 29.89529	91729	93829	95129	94929	94029	93529	91429	89429	89729	88829	887	29.917
	S D .086	.070	.058	.053	.046	.037	.037	.037	.041	.042	.060	.070	.060
	TOTAL OBS 372	347	381	359	373	360	402	402	390	390	384	393	4553
15	MEAN 29.85829	87929	90029	91429	92029	91329	90729	88229	86029	86629	85729	853	29.884
	S D .083	.065	.061	.053	.048	.039	.037	.040	.042	.044	.060	.066	.060
	TOTAL OBS 372	348	381	359	372	360	402	402	390	390	384	393	4553
18	MEAN 29.86529	89929	91829	93129	93229	92029	91029	89029	88029	89529	88329	880	29.901
	S D .084	.063	.059	.058	.049	.039	.039	.040	.043	.043	.059	.065	.058
	TOTAL OBS 371	348	380	359	372	361	402	402	390	390	384	394	4553
21	MEAN 29.91529	93129	95429	96829	96529	95229	94129	92429	91929	93029	91929	913	29.936
	S D .086	.066	.056	.057	.046	.037	.038	.040	.040	.042	.059	.065	.057
	TOTAL OBS 372	348	380	359	372	360	401	402	390	390	384	394	4552
ALL HOURS	MEAN 29.89729	91629	93529	94729	94529	93629	92929	90829	89529	90529	89629	892	29.916
	S D .088	.070	.062	.059	.051	.041	.040	.042	.046	.048	.063	.070	.061
	TOTAL OBS 2973	2779	3046	2872	2977	2881	3219	3210	3120	3124	3068	3146	36415

DATA PROCESSING BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

21601 JOHNSTON ISLAND/PACIFIC IS 45-58,61-64,71

HR. LIST	STATION NAME	STATION NAME	YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00				MEAN 1014.5	1014.1	1014.9	1015.1	1015.1	1014.8	1014.5	1013.8	1013.3	1013.9	1013.4	1013.2	1014.1
				S D 2.839	2.264	1.922	1.792	1.458	1.225	1.198	1.164	1.208	1.470	1.899	2.237	1.910
				TOTAL OBS 463	432	474	479	496	470	493	493	480	484	473	486	5723
03				MEAN 1012.6	1013.1	1013.8	1013.9	1013.9	1013.8	1013.5	1012.8	1012.3	1012.9	1012.4	1012.3	1013.1
				S D 2.775	2.234	1.957	1.872	1.535	1.248	1.241	1.220	1.271	1.543	1.964	2.258	1.923
				TOTAL OBS 464	432	474	479	496	470	497	494	478	483	473	486	5726
06				MEAN 1013.0	1013.5	1014.2	1014.4	1014.4	1014.2	1013.9	1013.1	1012.7	1012.9	1012.8	1012.6	1013.5
				S D 2.806	2.286	1.995	2.011	1.626	1.285	1.277	1.267	1.322	1.553	2.015	2.252	1.978
				TOTAL OBS 465	432	474	478	495	469	496	493	479	484	473	485	5723
09				MEAN 1014.3	1014.7	1015.5	1015.6	1015.4	1015.0	1014.7	1014.1	1013.8	1014.1	1013.9	1013.9	1014.6
				S D 2.875	2.356	2.005	1.933	1.551	1.247	1.230	1.249	1.293	1.480	1.988	2.245	1.952
				TOTAL OBS 465	432	474	479	495	470	495	493	480	484	473	486	5726
12				MEAN 1013.1	1013.8	1014.5	1014.8	1014.8	1014.5	1014.2	1013.5	1012.9	1012.9	1012.6	1012.7	1013.7
				S D 2.916	2.365	1.956	1.745	1.480	1.219	1.199	1.176	1.287	1.438	1.924	2.298	1.979
				TOTAL OBS 465	432	474	477	497	470	494	495	479	483	474	485	5725
15				MEAN 1011.7	1012.3	1013.1	1013.4	1013.7	1013.5	1013.2	1012.4	1011.7	1011.7	1011.4	1011.5	1012.5
				S D 2.741	2.179	2.005	1.780	1.534	1.269	1.231	1.253	1.326	1.553	1.967	2.283	1.991
				TOTAL OBS 465	433	474	479	496	470	495	495	480	483	474	486	5720
18				MEAN 1012.6	1013.0	1013.7	1013.9	1014.0	1013.6	1013.2	1012.6	1012.3	1012.6	1012.3	1012.3	1013.0
				S D 2.754	2.123	1.962	1.928	1.560	1.304	1.292	1.276	1.346	1.532	1.951	2.180	1.917
				TOTAL OBS 465	433	472	479	495	471	494	494	480	483	474	487	5727
21				MEAN 1013.7	1014.1	1015.0	1015.2	1015.2	1014.8	1014.4	1013.8	1013.6	1013.9	1013.6	1013.4	1014.2
				S D 2.833	2.222	1.979	1.895	1.493	1.255	1.246	1.256	1.258	1.512	1.908	2.153	1.904
				TOTAL OBS 465	433	473	478	496	470	494	495	480	483	474	487	5728
ALL HOURS				MEAN 1013.1	1013.6	1014.3	1014.5	1014.6	1014.3	1013.9	1013.3	1012.8	1013.0	1012.8	1012.7	1013.6
				S D 2.899	2.363	2.091	2.002	1.647	1.368	1.349	1.365	1.462	1.686	2.093	2.350	2.055
				TOTAL OBS 3717	3459	3789	3828	3966	3760	3958	3922	3836	3867	3788	3888	45808

END

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