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STATION CLIMATIC SUMMARIES

ANTARCTICA, AUSTRALIA,
and
OCEANIA



AUGUST 1990

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REVIEW AND APPROVAL STATEMENT

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Chief, Operational Applications Section

FOR THE COMMANDER



WALTER S. BURGMANN
Scientific and Technical Information
Program Manager
30 July 1990

REPORT DOCUMENTATION PAGE

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14. Subject Terms: *CLIMATOLOGY, *METEOROLOGY, ANTARCTICA, AUSTRALIA, OCEANIA, CLIMATE, WEATHER, METEOROLOGICAL PHENOMENA, ceiling, visibility, precipitation, surface wind, temperature, relative humidity, dew point, cloud cover, vapor pressure, pressure altitude, thunderstorms; rainfall:
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Standard Form 298

STATION CLIMATIC SUMMARIES

The "Station Climatic Summary" series is assembled and published by the USAF Environmental Technical Applications Center (USAFETAC). The series comprises regional collections of short climatological data summaries for specific stations worldwide. Formats have evolved over the years and as the collections grow larger, there is more variety in the way the data is presented. For example, a typical data set for a given station might include an "AWS Climatic Brief" and an addendum. An "Operational Climatic Data Summary" (or OCDS) might constitute another data set for certain stations. A two-page "OCDS Supplement," may supplement an AWS Climatic Brief, and there may be combinations of all of these. Although AWSR 105-10 and USAFETAC Pamphlet 105-3 give detailed descriptions of the products, brief explanations of the two main data types used follow:

AWS Climatic Brief: A computer-prepared summary of monthly and annual climatic data for an individual station. If there are shortfalls or limitations in the station's database, the brief will be labeled as "Limited," and the reasons will be provided in remarks. Some of the older briefs are accompanied by an "Addendum." OL-A creates a new "climatic brief" whenever it prepares a new Surface Observations Climatic Summary (SOCS, formerly RUSSWO--Revised Uniform Summary of Surface Observations) or updates an existing one. A new SOCS is prepared whenever an initial 5-year period becomes available. Existing SOCS/RUSSWOs are updated whenever 5 additional years of data are added to the original database. For a brief period in 1988, AWS Climatic Briefs were produced manually, using data provided by OL-A--an example is at page 80. These products spanned the breach between the older climatic brief and the fully automated version now produced along with each SOCS.

Operational Climatic Data Summary: A four-page typewritten summary of monthly and annual climatic data prepared by USAFETAC/ECO when the creation of a standard "climatic brief" is impractical because of lack of data (period of record too short for SOCS creation, no "summary of day" data available) or to answer a short-notice request. ECO normally uses the latest 10-year period of record (hourly data), more if available. These data are supplemented from other sources such as earlier periods of record, data from contemporary and/or earlier stations, and published data from other sources. All sources are given in the legend. A two-page "Operational Climatic Data Summary Supplement" may follow either of the two preceding data types. OCDSs are *not* routinely updated.

Which Product to Use? Normally, only one of the two products described above is prepared for a given station; however, when a station has both an "AWS Climatic Brief" and an "Operational Climatic Data Summary," users should decide (from data source and POR) which is the better product for a particular application.

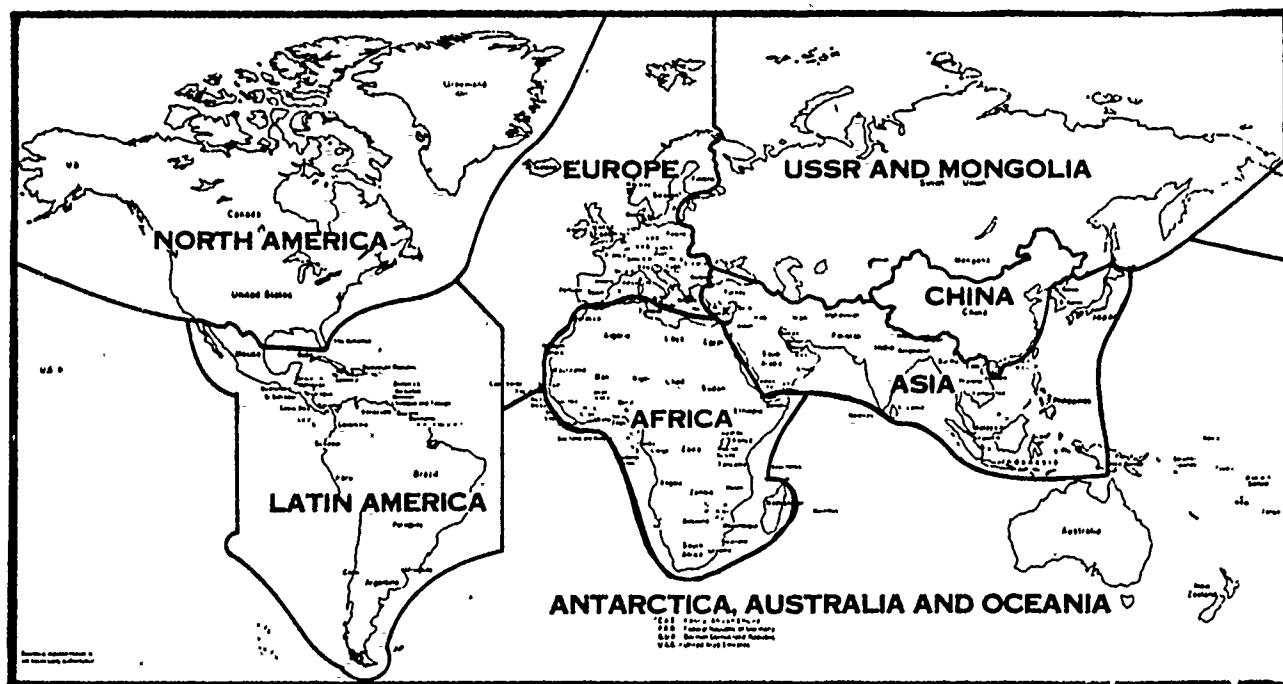
Data Included. The data sets described above normally include monthly and annual climatic data for at least the following elements: Temperature (means and extremes, daily and monthly); relative humidity, vapor pressure, and dew point; pressure altitude, surface winds, precipitation, and mean cloud cover; thunderstorm and fog occurrence (mean number of days); and flying weather by ceiling and visibility categories.

Questions or Comments? Contact USAFETAC/ECO, Scott AFB, IL 62225-5438, DSN 576-2642.

Regional Collections of climatic summaries are published as "data summaries"--numbered as below--for each of the eight geographical areas listed and shown on the map. Each collection is revised when and as required. When a revision is issued, the "DS" end number remains the same (i.e., North America is 031, Europe is 033, and so on); only the year of issue changes. The map shows regional boundaries that correspond to the numbers assigned each volume.

- | | | | |
|--------------------|---------------|--------------------|------------------------------------|
| USAFETAC/DS-XX/031 | North America | USAFETAC/DS-XX/035 | Asia |
| USAFETAC/DS-XX/032 | Latin America | USAFETAC/DS-XX/036 | Peoples Republic of China |
| USAFETAC/DS-XX/033 | Europe | USAFETAC/DS-XX/037 | USSR and Mongolia |
| USAFETAC/DS-XX/034 | Africa | USAFETAC/DS-XX/038 | Antarctica, Australia, and Oceania |

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MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN				MEAN NUMBER OF DAYS										MEAN CLOUDS (TENTHS)					
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL IN 24 HOURS	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) SPEED (GUST)	0-100 RELATIVE HUMIDITY (%)	1-300	DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE	99-95%	PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS		FOG (< 7 MILES)	TEMPERATURE (°F)			
																									32	0	32	0
JAN	47	35	25	9	0.6	0.8	6	8	SSW	6	73	68	61	19	.11	1350	4	#	4	1	0	2	24	31	31	0	7	
FEB	40	30	23	15	0.7	0.8	8	8	SSW	9	80	68	60	15	.09	1350	6	#	6	2	0	1	8	28	27	0	8	
MAR	31	17	9	-12	1.2	2.9	15	30	SSW	10	77	69	62	4	.05	1550	9	#	10	2	0	1	0	31	31	5	8	
APR	29	5	-6	-27	0.5	0.5	6	5	SW	7	76	65	63	-10	.03	1400	7	#	7	1	0	3	0	22	30	23	6	
MAY	21	-3	-15	-35	0.7	1.5	8	15	SSW	7	104	64	64	-18	.02	1650	5	#	6	1	0	2	0	12	31	30	5	
JUN	20	-3	-17	-37	0.3	0.3	4	6	SSW	9	80	62	62	-20	.02	1750	4	0	5	1	0	2	0	13	30	28	5	
JUL	25	-8	-24	-44	0.9	1.6	9	16	SSW	7	80	59	59	-27	.01	1750	5	#	5	1	0	4	0	9	31	31	5	
AUG	20	-8	-24	-54	0.5	0.7	5	6	SW	6	86	59	57	-27	.01	1700	4	#	4	1	0	2	0	9	31	30	5	
SEP	21	-2	-21	-41	0.6	1.6	3	4	SSW	6	90	57	52	-25	.01	1850	3	#	4	#	0	2	0	12	30	29	5	
OCT	28	8	-10	-41	0.4	0.8	4	8	SSW	6	99	58	54	-14	.02	1800	5	#	5	1	0	2	0	27	29	23	6	
NOV	38	24	10	-14	0.1	0.2	1	2	SSW	6	84	64	56	6	.06	1550	2	0	2	#	0	1	1	30	30	5	6	
DEC	44	33	23	8	0.3	0.3	3	3	SSW	6	58	66	60	17	.10	1400	3	0	3	1	0	1	18	31	31	0	7	
ANN	47	11	-2	-54	6.8	2.9	72	30	SSW	7	104	63	59	-4	.04	1650	57	#	61	12	0	23	53	255	362	204	6	
EYR	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	5	5	9	9	9	9	9

REMARKS

INCLUDES 1968 NAVY LCD.
 SMOS (NAVY) POR: HRLY AND DAILY OBS: 5702-6402, 6410-6501, 6510-6602, 6610-6902.
 NOTE: *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	19	23	29	18	15	20	16	14	12	24	13	16	18	
	03-05	18	20	26	20	14	20	12	13	15	23	13	13	17	
	06-08	16	17	24	21	16	19	10	13	17	24	12	14	17	
	09-11	15	18	25	17	17	16	13	17	12	24	11	15	17	
	12-14	12	16	22	22	21	20	16	16	12	24	9	15	17	
	15-17	11	20	25	22	22	21	19	17	14	18	11	13	18	
	18-20	11	19	28	23	17	21	17	17	14	22	11	12	18	
	21-23	15	18	32	19	14	16	15	14	15	21	13	12	16	
	ALL HOURS	15	19	27	20	17	19	15	15	14	22	12	14	17	9
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	11	13	19	11	10	14	12	12	9	12	4	8	11	
	03-05	8	10	17	12	8	13	11	11	11	13	4	7	10	
	06-08	11	8	14	9	11	12	8	11	11	13	5	8	10	
	09-11	10	10	15	8	10	13	10	13	8	14	4	10	11	
	12-14	8	9	11	13	10	14	14	12	6	13	3	9	10	
	15-17	7	13	15	13	11	14	14	14	7	12	4	6	11	
	18-20	7	10	17	12	8	12	11	15	10	12	4	6	10	
	21-23	10	11	18	10	8	11	9	12	9	13	5	6	10	
	ALL HOURS	9	10	16	11	10	13	11	12	9	13	4	7	10	9
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	7	8	11	6	7	12	11	10	7	9	2	6	8	
	03-05	5	7	11	6	7	10	9	9	9	10	2	6	8	
	06-08	7	6	7	6	8	10	7	8	8	9	3	6	7	
	09-11	7	6	11	5	8	11	7	9	6	10	3	7	7	
	12-14	5	6	8	7	7	11	10	9	4	8	2	5	7	
	15-17	5	8	10	8	7	11	10	10	6	9	3	4	8	
	18-20	5	7	10	6	7	10	9	13	6	9	3	4	7	
	21-23	7	9	12	7	7	8	7	11	5	11	2	5	8	
	ALL HOURS	6	7	10	6	7	10	9	10	6	9	2	5	7	9
CIG less than 200 feet and/or VSBY less than 1/2 mile	00-02	3	1	5	3	5	7	6	7	4	5	1	2	4	
	03-05	2	1	3	2	5	6	6	6	6	4	1	3	4	
	06-08	2	2	3	3	6	5	4	4	2	4	1	2	3	
	09-11	2	1	2	1	5	5	4	6	2	4	1	2	3	
	12-14	1	2	2	2	3	6	3	5	1	4	1	2	3	
	15-17	1	2	3	2	5	8	4	6	3	3	1	1	3	
	18-20	2	2	3	1	6	6	6	7	3	4	1	1	3	
	21-23	2	2	4	2	5	5	4	7	2	4	1	1	3	
	ALL HOURS	2	2	3	2	5	6	5	6	3	4	1	2	3	9

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: ALICE SPRINGS, AUSTRALIA
 LOCATION: 23°49'S, 133°55'E
 PREPARED BY: USAFETAC/ECR, OCT 1988

STATION #: 943260
 ELEVATION (FEET): 1785
 PERIOD: VARIED

ICAO ID: ABAS
 LST = GMT +10

SOURCE NO.		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)														
EXTREME MAX	1	108	109	104	97	91	84	88	91	97	100	108	109	109
MEAN DLY MAX	1	92	92	88	79	72	65	65	71	76	82	89	92	80
MEAN	1	84	83	78	68	61	53	53	58	66	72	79	83	70
MEAN DLY MIN	1	73	72	66	57	50	43	42	48	53	60	67	71	59
EXTREME MIN	1	54	56	48	34	32	27	21	27	34	37	48	48	21
# DAYS > 90	1	21	19	15	5	#	0	#	#	3	9	17	23	113
# DAYS < 32	1	0	0	0	0	#	2	4	1	0	0	0	0	8
# DAYS >= 0	1	0	0	0	0	0	0	0	0	0	0	#	0	0
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	1.7	1.3	1.1	0.4	0.16	0.5	0.3	0.3	0.3	0.7	1.2	1.5	9.9
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01	2	4	3	3	2	2	2	1	2	1	3	4	4	31
# DAYS >= 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS >= 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE ("Hg) / DEWPOINT (°F)														
RH (16 LST)	1	50	53	55	59	68	72	69	60	55	51	49	45	57
RH (06 LST)	1	13	11	11	18	26	38	47	28	18	23	20	16	22
VAPOR PRESS	1	.37	.38	.34	.27	.26	.23	.23	.22	.23	.27	.32	.32	.29
DEWPOINT	1	47	48	45	40	39	36	36	35	35	40	43	44	41
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	\$E	\$SE	\$ESE	\$SE	\$E	\$ESE	\$E	\$E	\$E	\$E	\$E	\$E	\$E
MEAN SPEED (PVLG DRCTN)	1	8	7	7	6	6	7	6	6	6	7	7	6	7
MEAN SPEED (ALL OBS)	1	5	4	4	3	3	3	3	4	4	5	5	5	4
MAX (PK GST)	1	33	*	35	25	*	*	33	*	33	40	37	51	51
PRESSURE ALT	1	2390	2830	2190	2110	2670	3430	2670	3430	2840	3510	3180	3070	3510
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER		*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS TSTMS	1	3	2	1	1	#	#	0	1	1	3	4	4	20
DAYS FOG < 7	1	0	0	#	#	#	#	#	#	#	#	0	0	1
DAYS BNBD < 7	1	0	#	#	#	0	#	0	#	0	#	#	#	1
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DRCTN
 † = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8506, 6 HR OBS
 8507-8612, HOURLY OBS
 2. NATIONAL INTELLIGENCE SURVEY-30 YRS POR
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	8	5	0	0	0	2	1	1
03-05 LST	4	5	4	2	5	5	4	3	2	2	2	2	3
06-08 LST	2	3	0	0	1	10	5	1	0	1	4	0	2
09-11 LST	7	10	7	3	7	7	7	4	3	3	3	2	5
12-14 LST	0	2	0	1	0	4	10	1	0	1	5	1	2
15-17 LST	6	8	5	3	5	5	4	4	2	3	3	2	4
18-20 LST	1	1	1	0	0	9	6	0	0	3	1	0	2
21-23 LST	4	5	4	3	4	4	4	2	3	2	2	2	3
ALL HOURS	3	4	3	2	3	6	6	2	1	2	3	1	3

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	8	5	0	0	0	0	1	1
03-05 LST	4	4	4	2	4	3	4	2	2	2	2	1	3
06-08 LST	2	3	0	0	1	10	4	0	0	1	2	0	2
09-11 LST	5	8	6	2	6	5	4	2	3	3	2	2	4
12-14 LST	0	1	0	1	0	2	1	0	0	1	3	1	1
15-17 LST	3	6	3	2	3	3	3	3	2	2	2	1	3
18-20 LST	0	1	0	0	0	7	6	0	0	2	1	0	1
21-23 LST	3	4	3	2	2	3	3	2	2	2	2	1	2
ALL HOURS	2	3	2	1	2	5	4	1	1	1	2	1	2

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	4	4	0	0	0	0	0	1
03-05 LST	3	4	3	2	3	2	3	1	1	2	1	1	2
06-08 LST	2	3	0	0	1	6	3	0	0	1	1	0	1
09-11 LST	4	6	4	2	3	4	3	2	2	2	1	1	3
12-14 LST	0	1	0	1	0	2	1	0	0	0	1	0	1
15-17 LST	2	4	2	2	2	3	2	1	1	2	2	1	2
18-20 LST	0	1	0	0	0	5	5	0	0	0	0	0	1
21-23 LST	2	3	2	2	1	3	2	1	2	1	1	1	2
ALL HOURS	2	3	1	1	1	4	3	1	1	1	1	1	2

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	#	0	#	0	#	#	1	#	#	1	0	#	#
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	#	#	1	#	1	#	1	#	#	#	0	0	#
12-14 LST	0	1	0	0	0	0	0	0	0	0	0	0	#
15-17 LST	#	1	#	#	1	#	#	#	#	0	#	#	#
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	1	0	#	#	0	#	#	1	#	0	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

ECR-WFS-9

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: ALICE SPRINGS, AUSTRALIA
 LOCATION: 23°49'S, 133°55'E
 PREPARED BY: USAFETAC/ECR, OCT 1988

STATION #: 943260
 ELEVATION (FEET): 1785
 PERIOD: 7301-8612

ICAO ID:
 LST = GMT +10

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	2	1	#
03-05 LST	#	#	#	1	0	0	0	1	#	1	2	1	1
06-08 LST	0	0	0	0	0	0	0	0	0	1	2	2	#
09-11 LST	#	0	0	#	0	#	0	#	#	1	1	1	#
12-14 LST	0	0	0	0	0	0	0	0	0	0	1	0	#
15-17 LST	2	3	1	0	0	0	0	#	#	2	2	5	1
18-20 LST	5	2	0	0	1	0	0	0	0	3	5	2	2
21-23 LST	2	#	1	1	0	0	0	0	1	2	3	2	1
ALL HOURS	1	1	#	#	#	#	0	#	#	1	2	2	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	0	0	0	2	15	12	0	0	5	6	2	4
03-05 LST	6	5	5	2	3	5	4	3	2	3	5	4	4
06-08 LST	0	0	0	0	1	6	8	0	0	3	3	2	2
09-11 LST	5	5	4	3	3	4	4	2	4	3	3	2	3
12-14 LST	0	1	0	1	2	7	7	0	1	1	3	0	2
15-17 LST	6	6	3	2	3	4	4	2	2	5	3	5	4
18-20 LST	2	1	0	0	5	10	13	0	1	3	7	2	4
21-23 LST	5	4	4	4	4	4	4	4	2	4	5	4	4
ALL HOURS	3	3	2	2	3	7	7	1	2	3	4	2	3

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	#	0	0	0	0	0	0	0	0	#
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	#	#	#
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	#	0	0	0	0	0	0	0	0	0	0	#
ALL HOURS	0	#	0	#	0	0	0	0	0	0	#	#	#

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	2	#
03-05 LST	#	0	0	0	0	#	0	0	0	0	#	0	#
06-08 LST	0	0	0	0	0	0	0	0	0	1	1	0	#
09-11 LST	0	0	0	0	#	#	#	0	0	2	#	0	#
12-14 LST	5	0	2	1	0	1	1	0	3	4	1	1	2
15-17 LST	0	0	1	#	#	0	0	#	1	2	1	1	1
18-20 LST	0	0	1	0	0	0	0	0	0	3	1	1	#
21-23 LST	0	0	0	0	0	#	0	0	#	#	1	1	#
ALL HOURS	1	0	1	#	#	#	#	#	#	1	1	1	#

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 @ = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 7301-8506, 6 HR OBS
 8507-8612, HOURLY OBS
 2. NATIONAL INTELLIGENCE SURVEY, 30 YRS POR
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	4	4	0	0	0	0	0	1
03-05 LST	3	4	3	2	3	2	3	1	1	2	1	1	2
06-08 LST	2	3	0	0	0	6	3	0	0	1	1	0	1
09-11 LST	4	6	4	2	3	4	3	2	2	2	1	1	3
12-14 LST	0	1	0	1	0	2	1	0	0	0	1	0	1
15-17 LST	2	4	2	2	2	2	2	1	1	2	1	1	2
18-20 LST	0	1	0	0	0	5	3	0	0	0	0	0	1
21-23 LST	2	3	2	2	1	3	2	1	2	1	1	1	2
ALL HOURS	2	3	1	1	1	4	3	1	1	1	1	1	1

6. % FREQ OF CIG/VIS < 500/1.5 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	2	0	0	0	0	0	0	#
03-05 LST	2	2	2	2	1	1	2	1	1	2	1	1	1
06-08 LST	1	0	0	0	0	4	1	0	0	1	0	0	1
09-11 LST	2	3	2	2	2	2	3	1	1	1	#	1	2
12-14 LST	0	1	0	1	0	1	1	0	0	0	0	0	#
15-17 LST	#	3	1	1	1	1	2	1	1	#	1	1	1
18-20 LST	0	1	0	0	0	1	2	0	0	0	0	0	#
21-23 LST	1	2	2	2	1	2	2	#	1	1	0	1	1
ALL HOURS	1	1	1	1	1	2	2	#	#	1	#	#	1

7. % FREQ OF CIG/VIS < 300/1 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	#	0	#	#	1	#	1	1	#	1	0	#	#
06-08 LST	0	0	0	0	0	1	0	0	0	0	0	0	#
09-11 LST	1	#	1	#	1	1	1	#	#	#	0	0	1
12-14 LST	0	1	0	0	0	0	0	0	0	0	0	0	#
15-17 LST	#	1	1	1	1	#	#	1	#	#	#	#	#
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	1	#	1	#	#	#	0	1	#	0	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 100/0.25 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	#	#	1	#	#	1	0	0	#
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	#	0	#	0	#	#	1	0	0	#	0	0	#
12-14 LST	0	1	0	0	0	0	0	0	0	0	0	0	#
15-17 LST	#	1	0	#	0	#	0	0	#	0	0	#	#
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	#	0	#	0	0	#	0	1	#	0	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	0	#	#

ECR-WFS-9a

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: AMBERLEY, AUSTRALIA
 LOCATION: 27°38'S, 152°43'E
 PREPARED BY USAFETAC/ECO MAR 1984

STATIONS #: 945680
 ELEVATION (FEET): 82
 PERIOD: JAN 1973-DEC 1982

ICAO ID: ABAM
 LST = GMT+10

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	98	94	91	91	84	87	82	82	91	93	95	99	99
MEAN DLY MAX	83	83	82	78	74	69	68	70	74	76	80	83	77
MEAN	77	77	75	70	65	59	58	60	65	68	72	77	68
MEAN DLY MIN	71	71	69	63	58	52	50	51	55	61	66	70	61
EXTREME MIN	62	62	61	48	41	37	33	37	42	43	53	49	33
# DAYS > 90	1	1	#	#	0	0	0	0	#	#	#	1	3
# DAYS < 32	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 0	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)													
MAXIMUM	27.7	40.4	34.0	15.3	13.9	14.0	8.6	14.7	5.4	11.4	12.4	17.4	*
MEAN	5.7	5.5	5.0	3.7	2.4	2.8	1.9	1.1	1.7	2.3	4.0	4.2	40.1
MINIMUM	0.3	0.6	0	#	0	0	0	0	0.1	#	0	0.4	*
MAX 24 HR	18.3	10.6	11.2	5.5	5.6	6.4	3.5	4.9	2.5	5.3	4.5	6.6	18.3
# DAYS > 0.01	12	12	14	11	9	8	8	7	7	8	10	11	117
# DAYS > 0.5	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)													
MEAN	*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1	*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 1.5	*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)													
RH (07 LST)	82	84	84	83	82	77	76	78	80	80	79	83	80
RH (13 LST)	61	67	59	59	58	54	51	49	47	52	53	60	55
VAPOR PRESS	.68	.70	.65	.54	.44	.34	.32	.34	.40	.47	.56	.64	.50
DEWPOINT	67	68	65	60	54	47	45	47	51	56	61	65	57
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	\$ E	\$ S	\$ S	\$ SSW	SSW	\$ SSW	\$ SSW	\$ SSW	\$ SSW	\$ N	\$ N	\$ NNE	\$ SSW
MEAN SPEED	6	6	5	5	5	5	5	5	5	6	6	6	5
MAX (PK GSTS)	34	36	36	16	29	30	32	38	36	30	36	32	38
PRESSURE ALT	400	350	600	300	300	350	300	250	250	400	350	400	600
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG													
CLD COVER	5	5	4	3	4	3	3	3	3	4	4	4	4
# DAYS TSTMS	2	2	1	1	#	#	#	#	1	2	4	4	17
# DAYS FOG	#	1	1	2	2	1	1	2	3	1	1	#	15
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS APPLICABLE \$ = % CALM > PVLG DRCTN ‡ = BASED ONLY ON AVAILABLE DATA

SOURCE(S): 1. USAFETAC DATSAV POR
2. NATIONAL INTELLIGENCE SURVEY (PCPN)
3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	26	15	22	9	5	19	7	7	21	23	23	17
03-05 LST	18	21	14	8	12	6	9	9	10	15	13	20	13
06-08 LST	14	16	12	7	11	6	7	8	10	12	14	11	11
09-11 LST	19	21	12	7	7	5	6	8	6	11	12	12	11
12-14 LST	14	19	12	12	9	4	3	4	3	7	9	8	9
15-17 LST	9	11	7	2	4	2	5	4	3	5	7	6	5
18-20 LST	9	15	11	4	7	7	2	3	13	13	11	16	10
21-23 LST	13	18	14	5	6	4	4	5	4	14	16	17	10
ALL HOURS	14	18	12	7	8	5	6	6	6	11	12	13	10

8. % FREQ OF CIG/VIS < 1500/3 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	12	3	6	7	0	14	1	3	3	8	3	5
03-05 LST	6	11	6	2	6	3	6	5	5	5	7	6	6
06-08 LST	8	9	8	4	7	5	3	5	8	6	7	4	6
09-11 LST	7	10	5	2	6	3	3	5	3	4	5	2	5
12-14 LST	6	8	4	2	4	2	2	1	#	4	3	3	3
15-17 LST	6	5	4	1	3	1	3	3	1	1	4	4	3
18-20 LST	3	9	3	0	3	4	1	0	2	2	6	6	4
21-23 LST	6	11	7	3	4	2	2	3	2	4	7	5	5
ALL HOURS	6	9	5	2	5	3	3	3	3	4	6	4	5

9. % FREQ OF CIG/VIS < 1000/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	3	1	4	3	0	13	1	3	2	5	2	3
03-05 LST	4	7	4	1	5	2	4	3	4	4	4	3	4
06-08 LST	4	6	4	3	5	3	3	3	5	4	5	3	4
09-11 LST	3	6	3	1	4	2	2	3	2	3	3	2	3
12-14 LST	4	4	3	1	3	1	1	1	#	2	2	1	2
15-17 LST	2	3	2	#	2	#	2	2	#	1	3	2	2
18-20 LST	2	6	2	0	2	0	0	0	0	1	4	2	2
21-23 LST	2	6	3	2	3	2	1	1	1	2	3	2	2
ALL HOURS	3	5	3	1	4	2	2	2	2	2	3	2	3

10. % FREQ OF CIG/VIS < 200/0.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	6	0	0	0	0	0	#
03-05 LST	#	0	0	0	1	1	1	2	2	2	1	0	1
06-08 LST	1	#	#	#	1	2	1	1	2	2	#	#	1
09-11 LST	0	0	0	0	1	1	#	#	0	#	0	0	#
12-14 LST	#	0	0	0	0	#	0	0	0	0	0	0	0
15-17 LST	#	#	0	0	#	0	1	0	0	0	#	0	#
18-20 LST	1	1	0	0	0	0	0	0	0	0	0	0	#
21-23 LST	#	1	0	0	#	#	#	0	#	0	#	0	#
ALL HOURS	#	#	#	#	1	1	1	#	1	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: AMBERLEY, AUSTRALIA
 LOCATION: 27°38'S, 152°43'E
 PREPARED BY USAFETAC/ECO MAR 1984

STATIONS #: 945680
 ELEVATION (FEET): 82
 PERIOD: Jan 1973-Dec 1982

ICAO ID: ABAM
 LST = GMT+10

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	1	0	0	0	0	#	0	0	0	#
03-05 LST	#	0	0	0	0	0	0	0	0	#	1	1	#
06-08 LST	0	#	#	0	0	#	0	0	0	#	0	1	#
09-11 LST	#	0	0	0	0	0	0	0	0	0	#	0	#
12-14 LST	0	#	0	0	0	#	0	0	0	0	1	1	#
15-17 LST	1	1	1	1	#	0	0	0	#	1	1	3	1
18-20 LST	0	1	1	1	0	0	0	0	#	0	1	2	1
21-23 LST	1	1	1	1	0	0	0	0	#	#	2	1	1
ALL HOURS	#	#	#	#	#	#	0	0	#	#	1	1	#

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	9	8	6	6	2	4	3	3	6	10	4	5
03-05 LST	10	12	10	6	8	3	6	4	3	9	7	8	7
06-08 LST	8	13	8	3	8	2	5	6	3	9	5	6	6
09-11 LST	9	14	5	5	8	3	6	3	3	7	7	4	6
12-14 LST	10	13	7	5	7	4	4	3	1	6	7	5	6
15-17 LST	7	12	7	6	6	3	5	5	2	3	8	9	6
18-20 LST	3	9	5	5	7	2	5	2	3	4	8	8	5
21-23 LST	10	11	11	6	7	3	5	6	6	6	8	12	8
ALL HOURS	8	12	8	5	7	3	5	4	3	7	7	7	6

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	#	0	0	0	0	0	0	0	0	0	#
09-11 LST	0	0	0	0	0	0	0	0	0	0	#	0	#
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	#	0	0	0	0	0	0	0	#	0	#

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	#	0	0	0	1	1	1	3	1	#	#	1
03-05 LST	1	1	0	0	1	1	#	2	2	#	1	0	1
06-08 LST	0	3	0	0	1	0	0	1	2	0	1	0	1
09-11 LST	1	#	1	#	0	0	0	0	#	0	#	0	#
12-14 LST	0	1	0	0	#	0	0	0	0	0	0	0	#
15-17 LST	#	1	0	0	0	0	0	0	0	0	0	#	#
18-20 LST	0	1	0	0	#	0	0	0	0	#	0	0	#
21-23 LST	1	1	#	#	0	#	#	#	1	0	0	#	#
ALL HOURS	#	1	#	#	#	#	#	1	1	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES

SOURCE(S): 1. USAFETAC DATSAV POR
2.
3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	1	4	3	0	13	1	1	2	5	2	2
03-05 LST	4	6	4	1	5	2	4	3	4	4	4	3	4
06-08 LST	4	6	4	3	5	3	3	3	5	4	5	3	4
09-11 LST	3	6	3	1	4	2	2	3	2	2	3	2	3
12-14 LST	4	4	3	1	3	1	1	1	#	1	2	1	2
15-17 LST	2	3	2	#	2	#	2	2	#	1	3	2	2
18-20 LST	2	4	1	0	2	0	0	0	0	1	4	2	2
21-23 LST	2	5	3	2	3	2	1	1	1	2	3	2	2
ALL HOURS	3	5	3	1	4	2	2	2	2	2	3	2	3

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	1	3	0	0	6	1	0	0	0	0	1
03-05 LST	2	4	2	#	3	2	3	2	3	2	2	2	2
06-08 LST	1	4	3	2	3	3	2	2	3	3	3	1	2
09-11 LST	1	3	3	1	2	1	1	1	1	1	2	1	1
12-14 LST	1	2	2	#	1	1	1	1	#	1	1	1	1
15-17 LST	1	1	1	#	1	0	1	1	0	1	1	1	1
18-20 LST	1	1	1	0	0	0	0	0	0	0	1	1	#
21-23 LST	2	3	2	1	1	1	1	1	1	1	2	1	1
ALL HOURS	1	3	2	1	2	1	2	1	1	1	2	1	1

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	1	0	0	6	0	0	0	0	0	#
03-05 LST	1	1	1	0	1	1	3	2	2	2	1	#	1
06-08 LST	1	1	1	1	2	3	2	1	2	2	1	1	1
09-11 LST	#	1	0	0	1	1	#	1	#	1	0	1	1
12-14 LST	#	#	#	0	#	#	0	0	0	#	#	0	#
15-17 LST	1	1	0	#	1	0	1	#	0	0	1	#	#
18-20 LST	1	1	0	0	0	0	0	0	0	0	0	1	#
21-23 LST	1	1	0	0	1	#	#	0	#	#	1	#	#
ALL HOURS	1	1	#	#	1	1	1	1	1	1	1	#	1

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	6	0	0	0	0	0	#
03-05 LST	0	0	0	0	1	1	1	1	1	1	#	0	#
06-08 LST	#	0	#	#	1	2	#	1	1	1	#	#	1
09-11 LST	0	0	0	0	#	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	#	0	0	0	0	0	0	0
15-17 LST	#	0	0	0	#	0	1	0	0	0	0	0	#
18-20 LST	1	1	0	0	0	0	0	0	0	0	0	0	#
21-23 LST	#	1	0	0	#	0	#	0	#	0	#	0	#
ALL HOURS	#	#	#	#	#	#	1	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: RICHMOND, AUSTRALIA
 LOCATION: 33°37'S, 150°48'E
 PREPARED BY: USAFETAC/ECR, OCT 1988

STATION #: 947530
 ELEVATION (FEET): 69
 PERIOD: VARIED

ICAO ID: ASRI
 LST - GMT +10

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (°F)														
EXTREME MAX	1	109	106	104	99	81	74	76	86	95	99	109	106	109
MEAN DLY MAX	1	83	81	79	73	66	61	60	65	70	74	77	82	73
MEAN	1	74	74	71	66	59	53	52	56	61	65	69	73	64
MEAN DLY MIN	1	64	64	61	55	49	42	40	43	48	54	58	62	53
EXTREME MIN	1	50	43	43	37	34	25	23	28	34	36	45	48	23
# DAYS > 90	1	6	5	3	#	0	#	0	0	1	2	4	6	26
# DAYS < 32	1	0	0	0	0	0	2	4	1	0	0	0	0	8
# DAYS < 0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	3.0	3.0	3.8	5.3	4.6	3.7	4.4	2.3	3.0	2.5	2.2	3.5	41.4
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01	2	11	10	11	13	13	12	10	10	10	10	11	132	
# DAYS > 0.5		*	*	*	*	*	*	*	*	*	*	*	*	
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	
# DAYS > 0.1		*	*	*	*	*	*	*	*	*	*	*	*	
# DAYS > 1.5		*	*	*	*	*	*	*	*	*	*	*	*	
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (°Hg) / DEWPOINT (°F)														
RH (05 LST)	1	86	90	90	90	90	90	85	87	84	85	86	85	87
RH (15 LST)	1	47	54	48	52	57	51	50	42	39	48	48	43	48
VAPOR PRESS	1	.55	.58	.52	.44	.37	.29	.26	.27	.31	.39	.43	.48	.41
DEWPOINT	1	60	62	59	54	49	43	41	41	44	50	53	56	51
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	\$E	\$SE	\$E	\$S	\$S	\$SSW	\$W	\$W	\$W	\$S	\$E	\$E	\$W
MEAN SPEED (PVLG DRCTN)	1	8	8	7	6	6	7	9	10	11	7	7	8	8
MEAN SPEED (ALL OBS)	1	5	4	4	3	2	3	3	4	4	4	5	5	4
MAX (PK GST)	1	50	34	44	40	40	47	43	49	51	63	54	44	63
PRESSURE ALT	1	610	450	610	500	410	500	670	590	580	590	550	640	670
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	4	4	4	4	4	3	3	3	3	4	4	4	4
DAYS TSTMS	1	3	2	1	1	#	#	0	#	1	2	3	2	16
DAYS FOG < 7	1	4	3	7	10	13	13	12	11	8	7	5	3	95
DAYS BNBD < 7	1	#	#	0	0	0	0	0	0	0	0	#	#	1
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * - DATA NOT AVAILABLE # - LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ - % CALM > PVLG DRCTN
 † - BASED ONLY ON AVAILABLE DATA, I.E., < 24-HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 800548612
 2. NATIONAL INTELLIGENCE SURVEY, 30 YR POR (NEWCASTLE)
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
06-08 LST	25	28	29	31	29	27	20	17	15	20	16	15	23
09-11 LST	22	33	22	23	17	13	10	9	8	18	19	17	18
12-14 LST	13	20	19	16	13	6	6	5	10	14	10	11	12
15-17 LST	13	21	13	12	10	5	7	3	7	10	8	8	10
18-20 LST	18	19	12	9	9	3	8	4	7	12	9	10	10
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	23	27	24	17	16	11	10	7	10	15	13	12	15

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
06-08 LST	6	10	13	15	21	23	16	14	7	12	6	4	12
09-11 LST	4	8	5	8	11	10	8	5	1	6	4	2	6
12-14 LST	2	3	3	1	3	#	1	#	1	3	1	1	2
15-17 LST	4	5	3	2	3	#	2	#	1	2	2	1	2
18-20 LST	4	4	3	1	3	0	1	#	1	5	2	1	2
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	5	8	12	6	7	7	7	4	3	7	3	2	6

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
06-08 LST	3	7	9	14	20	22	13	13	7	10	4	2	10
09-11 LST	3	4	4	5	9	8	6	4	1	4	2	1	4
12-14 LST	2	2	2	1	1	#	1	#	1	2	1	1	1
15-17 LST	3	3	2	1	1	0	1	#	1	1	1	#	1
18-20 LST	3	2	2	1	2	0	1	0	#	2	1	1	1
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	3	6	10	5	6	7	6	4	3	5	2	1	5

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
03-05 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
06-08 LST	1	2	3	9	13	15	10	9	4	3	#	1	6
09-11 LST	0	1	0	2	4	5	3	3	#	1	0	0	2
12-14 LST	#	0	#	#	#	0	0	#	#	0	#	#	#
15-17 LST	0	0	1	0	0	0	#	#	#	0	0	#	#
18-20 LST	0	#	#	0	0	0	0	0	#	0	0	0	#
21-23 LST	#	#	#	#	#	#	#	#	#	#	#	#	#
ALL HOURS	#	2	1	3	3	5	3	3	1	1	#	#	2

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: RICHMOND, AUSTRALIA
 LOCATION: 33°37'S, 150°48'E
 PREPARED BY: USAFETAC/ECR, OCT 1988

STATION #: 947530
 ELEVATION (FEET): 69
 PERIOD: VARIED

ICAO ID: ASRI
 LST = GMT +10

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	#	1	1	0	#	0	0	#	0	#	#	#	#
09-11 LST	0	0	0	0	0	0	0	0	0	1	0	#	#
12-14 LST	2	1	#	#	0	0	0	0	1	2	1	2	1
15-17 LST	6	6	2	1	#	0	0	#	#	2	2	1	2
18-20 LST	3	2	1	1	#	#	0	0	1	2	3	1	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	2	1	1	1	#	#	0	#	#	1	1	1	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	6	10	8	6	7	2	3	5	6	8	8	7	6
09-11 LST	7	10	6	7	9	3	7	6	3	7	7	4	6
12-14 LST	6	7	7	3	7	2	4	2	4	7	5	6	5
15-17 LST	11	11	7	7	5	3	6	2	5	7	7	4	6
18-20 LST	14	9	8	7	4	1	4	2	5	7	9	4	6
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	11	9	7	5	8	2	4	4	4	9	7	5	6

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	#	0	0	#
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	#	0	0	#	0	0	#
15-17 LST	0	0	#	0	0	0	0	0	0	0	0	0	#
18-20 LST	0	0	0	0	0	0	0	0	0	0	#	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	#	0	#	0	0	0	#	0	0	#	#	0	#

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	#	0	0	#	0	0	0	#	#	1	#	#	#
09-11 LST	1	0	0	#	1	1	2	3	3	3	2	1	1
12-14 LST	2	0	#	1	1	2	2	2	5	4	2	3	2
15-17 LST	2	2	0	1	0	#	#	1	3	2	3	3	2
18-20 LST	#	1	1	0	#	#	#	1	1	#	2	2	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	1	#	#	#	#	1	1	1	2	2	1	1	1

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 † = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR 8005-8612
 2. NATIONAL INTELLIGENCE SURVEY, 30 YR POR (NEWCASTLE)
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	3	6	9	14	20	22	13	13	7	9	3	2	10
09-11 LST	2	4	4	5	9	8	6	4	1	3	1	#	4
12-14 LST	1	2	2	1	1	#	1	#	1	1	#	1	1
15-17 LST	2	3	2	1	1	0	1	#	1	1	1	#	1
18-20 LST	2	1	2	1	1	0	1	0	#	2	1	0	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	2	5	10	4	6	7	6	4	3	4	1	1	4

6. % FREQ OF CIG/VIS < 500/1.5 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	4	6	12	18	20	13	12	6	8	3	1	9
09-11 LST	#	2	2	3	7	7	5	3	#	2	#	0	3
12-14 LST	#	1	#	1	1	#	1	#	#	#	#	1	#
15-17 LST	1	2	2	1	#	0	1	#	#	1	1	#	1
18-20 LST	1	#	1	0	1	0	#	0	#	1	1	0	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	1	4	3	4	5	6	5	3	2	3	1	#	3

7. % FREQ OF CIG/VIS < 300/1 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	3	5	11	17	19	12	11	5	5	2	1	8
09-11 LST	0	1	#	3	6	6	4	3	#	1	0	0	2
12-14 LST	#	1	#	1	1	#	#	#	#	0	#	#	#
15-17 LST	1	1	2	0	#	0	1	#	#	1	1	#	1
18-20 LST	1	#	1	0	0	0	0	0	#	1	1	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	1	3	2	3	4	6	4	3	2	2	1	#	3

8. % FREQ OF CIG/VIS < 100/0.25 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	#	1	2	7	8	10	7	6	2	2	0	#	4
09-11 LST	0	#	0	1	2	4	2	2	#	#	0	0	1
12-14 LST	#	0	#	#	#	0	0	#	#	0	#	#	#
15-17 LST	0	0	0	0	0	0	#	#	0	0	0	0	#
18-20 LST	0	#	#	0	0	0	0	0	#	0	0	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	#	#	1	2	2	3	2	2	1	1	#	#	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: THURSDAY ISLAND, AUSTRALIA
 LOCATION: 10°35'S, 142°17'E
 PREPARED BY: USAFETAC/ECR, JAN 1987

STATION #: 941750
 ELEVATION (FEET): 44
 PERIOD: VARIED

ICAO ID: ABTD
 LST - GMT +10

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (°F)														
EXTREME MAX	2	97	94	93	94	91	89	90	89	91	93	96	98	98
MEAN DLY MAX	2	87	87	87	86	85	84	82	82	84	86	88	89	86
MEAN	2	83	82	82	82	81	79	78	78	79	81	83	84	81
MEAN DLY MIN	2	78	77	77	77	76	74	73	73	74	76	78	78	76
EXTREME MIN	2	70	70	70	70	66	64	64	68	68	70	71	70	64
# DAYS > 90	2	4	4	2	1	1	0	#	0	1	6	13	13	45
# DAYS < 32	2	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS < 0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)														
MAXIMUM	2	35.3	31.2	25.6	28.4	8.2	2.7	2.0	1.9	0.7	3.1	7.5	20.8	98.8
MEAN	2	17.4	14.9	13.8	8.0	1.6	0.6	0.5	0.2	0.1	0.2	1.4	7.8	66.5
MINIMUM	2	6.4	5.1	3.4	0.4	#	#	0	0	0	0	#	#	15.3
MAX 24 HR	2	7.0	6.8	5.8	8.5	3.0	1.1	1.4	0.2	0.2	1.9	3.6	4.7	8.5
# DAYS > 0.01	2	20	20	20	14	10	8	7	4	3	2	4	12	124
# DAYS > 0.5	2	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS > 1.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (06 LST)	1	89	89	88	89	89	87	88	85	84	83	85	87	87
RH (12 LST)	1	75	80	77	75	74	68	68	64	62	59	61	68	69
VAPOR PRESS	1	.91	.92	.91	.89	.84	.77	.73	.71	.74	.77	.83	.88	.83
DEWPOINT	1	75	76	75	75	73	71	69	68	69	70	73	75	72
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	WNW	WNW	WNW	ESE	ESE	ESE	ESE	ESE	ESE	ESE	E	E	ESE
MEAN SPEED														
(PVLG DRCTN)	1	14	14	14	14	15	15	17	17	17	15	12	11	15
MEAN SPEED														
(ALL OBS)	1	10	9	8	11	13	14	15	16	16	13	10	7	12
MAX WND	2	52	35	35	23	30	30	27	30	28	30	25	33	52
PRESSURE ALT	1	650	500	500	450	400	400	400	350	350	400	400	500	650
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	6	6	5	5	4	4	4	4	4	4	5	4	4
DAYS TSTM	2	5	5	6	5	#	0	0	0	0	#	#	7	28
DAYS FOG < 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS BNBD < 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DRCTN
 † = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 83, HOURLY
 2. NATIONAL INTELLIGENCE SURVEY, 6-53 YRS
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	14	11	8	9	13	18	24	24	28	12	5	8	14
06-08 LST	19	16	4	2	12	8	20	21	22	2	5	5	11
09-11 LST	16	12	9	13	16	18	25	28	28	22	12	8	17
12-14 LST	13	21	7	11	13	13	16	19	11	5	2	8	12
15-17 LST	12	12	12	10	11	17	25	16	19	5	2	5	12
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	12	9	7	7	12	18	29	25	24	8	6	12	14
ALL HOURS	16	16	8	7	14	12	30	29	25	10	6	6	15

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	0	*	*	*	*	*
03-05 LST	12	8	7	7	8	9	7	7	7	5	3	6	7
06-08 LST	14	9	2	1	4	4	3	3	2	0	1	4	4
09-11 LST	13	9	7	8	7	5	5	7	7	9	8	5	8
12-14 LST	11	19	3	7	4	3	0	2	1	0	0	5	5
15-17 LST	9	8	9	5	2	3	2	1	3	1	1	3	4
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	9	8	6	4	7	9	8	12	7	1	0	10	7
ALL HOURS	12	12	6	4	8	4	3	4	3	2	3	4	5

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	0	*	*	*	*	*
03-05 LST	4	1	1	1	2	2	2	1	1	1	#	2	1
06-08 LST	7	4	1	1	2	4	0	3	0	0	0	4	2
09-11 LST	6	2	3	2	1	1	1	1	#	1	#	1	2
12-14 LST	5	13	0	2	3	3	0	0	0	0	0	2	2
15-17 LST	2	2	3	1	#	1	#	1	#	#	1	0	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	3	0	2	0	0	0	2	0	0	0	0	0	1
ALL HOURS	3	3	1	1	1	1	1	1	#	#	#	1	1

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	0	*	*	*	*	*
03-05 LST	#	0	0	0	#	0	#	0	0	#	0	0	#
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	#	0	#	#	0	#	0	0	0	0	0	0	#
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	#	0	0	#	#	#	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	1	0	0	0	0	0	0	0	0	0	#
ALL HOURS	#	0	#	#	#	#	#	0	#	#	#	0	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: THURSDAY ISLAND, AUSTRALIA
 LOCATION: 10°35'S, 142°17'E
 PREPARED BY: USAFETAC/ECR, JAN 1987

STATION #: 941750 ICAO ID: ABTD
 ELEVATION (FEET): 44 LST = GMT +10
 PERIOD: JAN 73 - DEC 83, HOURLY

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	3	3	2	1	1	0	0	0	0	0	#	3	1
06-08 LST	8	2	0	0	0	0	0	0	0	0	0	1	1
09-11 LST	2	2	2	0	0	0	0	0	0	0	#	2	1
12-14 LST	2	6	4	2	2	0	0	0	0	0	0	1	1
15-17 LST	3	2	1	0	#	0	0	0	0	#	1	3	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	2	0	0	0	0	0	0	0	0	0	2	2	1
ALL HOURS	3	2	1	#	#	0	0	0	0	#	#	3	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	23	13	17	12	6	3	1	2	3	1	3	10	8
06-08 LST	43	20	15	9	3	2	0	2	0	0	0	8	9
09-11 LST	30	25	23	12	5	3	2	3	#	2	2	15	10
12-14 LST	25	27	13	14	3	1	0	0	0	0	0	9	8
15-17 LST	24	28	18	8	4	5	#	1	#	1	1	9	8
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	16	10	16	8	3	3	7	2	1	1	2	10	4
ALL HOURS	26	20	18	11	5	3	2	2	1	1	2	11	9

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	4	2	0	0	2	0	1	2	1	0	0	0	1
06-08 LST	4	3	2	0	2	#	3	4	5	1	0	1	2
09-11 LST	6	6	1	0	5	5	11	16	17	3	0	0	6
12-14 LST	8	6	2	0	5	7	15	19	12	5	0	1	7
15-17 LST	3	12	0	0	11	0	13	21	14	0	0	0	8
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
ALL HOURS	5	4	2	0	3	3	7	8	7	2	0	1	4

REMARKS: * - DATA NOT AVAILABLE, # - 0.0 < 0.5, MI - STATUTE MILES
 ‡ - BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 83, HOURLY
 2. NATIONAL INTELLIGENCE SURVEY, POR 7-53 YEARS
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	0	*	*	*	*	*
03-05 LST	4	1	1	1	2	2	2	1	1	1	#	2	1
06-08 LST	7	4	1	1	2	4	0	3	0	0	0	4	2
09-11 LST	6	2	3	2	1	1	1	1	#	1	#	1	2
12-14 LST	5	13	0	2	3	3	0	0	0	0	0	2	2
15-17 LST	2	2	3	1	#	1	#	1	#	#	1	0	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	3	0	2	0	0	0	2	0	0	0	0	0	1
ALL HOURS	3	3	1	1	1	1	1	1	#	#	#	1	1

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	0	*	*	*	*	*
03-05 LST	1	#	1	0	#	0	1	0	0	1	0	1	#
06-08 LST	2	0	0	0	0	0	0	0	0	0	0	0	#
09-11 LST	3	1	1	1	0	1	#	#	0	1	0	1	1
12-14 LST	2	4	0	1	0	0	0	0	0	0	0	0	1
15-17 LST	1	#	1	0	0	#	0	1	#	#	#	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	1	0	0	0	1	0	0	0	0	0	#
ALL HOURS	1	1	#	#	#	#	#	#	#	#	#	#	#

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	0	*	*	*	*	*
03-05 LST	#	0	#	0	#	0	#	0	0	1	0	0	#
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	2	0	1	#	0	#	#	0	0	1	0	0	#
12-14 LST	1	2	0	0	0	0	0	0	0	0	0	0	#
15-17 LST	#	#	0	0	0	#	0	1	#	#	#	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	1	0	0	0	1	0	0	0	0	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	0	*	*	*	*	*
03-05 LST	#	0	0	0	#	0	#	0	0	#	0	0	#
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	#	0	0	0	0	0	0	0	0	#
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	#	0	0	0	#	#	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	1	0	0	0	0	0	0	0	0	0	#
ALL HOURS	#	0	#	#	#	#	#	0	0	#	#	0	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: WILLIAMTOWN, AUSTRALIA
 LOCATION: 32°49'S, 151°51'E
 PREPARED BY USAFETAC/ECR MAR 1986

STATION #: 947760
 ELEVATION (FEET): 36
 PERIOD: VARIED

ICAO ID: ASWM
 LST = GMT +10

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (°F)														
EXTREME MAX	2	112	105	101	91	85	80	76	81	91	98	103	105	112
MEAN DLY MAX	2	78	78	76	72	67	63	61	64	68	71	74	76	71
MEAN ϕ	1	74	73	70	65	58	54	52	55	61	64	69	72	64
MEAN DLY MIN	2	67	67	65	60	54	50	48	49	53	57	61	64	58
EXTREME MIN	2	55	54	50	42	41	38	38	37	40	42	48	49	37
# DAYS > 90	2	4	2	2	1	0	0	0	0	#	1	5	5	20
# DAYS \leq 32	2	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS \leq 0	2	*	*	*	*	*	*	*	*	*	*	*	*	*
2. PRECIPITATION (INCHES)														
MAXIMUM	2	15.9	21.3	21.4	15.5	14.2	10.8	13.8	21.4	8.8	10.9	7.7	12.8	75.7
MEAN	2	3.0	3.0	3.8	5.3	4.6	3.7	4.4	2.3	3.0	2.5	2.2	3.5	41.4
MINIMUM	2	.7	#	.4	.6	.1	.2	.1	.1	.2	.2	.1	.2	25.2
MAX 24 HR	2	5.6	10.0	11.1	9.1	7.2	4.9	4.5	3.3	6.2	3.8	3.9	7.0	11.1
# DAYS > 0.01	2	11	10	11	13	13	11	12	10	10	10	10	11	132
# DAYS \geq 0.5	2	*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS \geq 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN Hg) / DEWPOINT (°F)														
RH (06 LST)	2	88	91	92	88	87	85	86	85	87	84	80	85	87
RH (12 LST)	2	64	69	66	63	63	65	64	58	56	55	49	57	61
VAPOR PRESS ϕ	1	.62	.63	.57	.47	.39	.33	.30	.30	.33	.43	.48	.54	.45
DEWPOINT ϕ	1	64	65	62	56	51	47	44	44	47	54	57	60	54
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN ϕ	1	\$S	\$S	\$SE	\$WNW	\$WNW	WNW	WNW	WNW	\$WNW	\$S	\$S	\$E	\$WNW
MEAN SPEED (PVLG DRCTN) ϕ	1	10	10	10	9	9	10	12	11	12	11	11	10	11
MEAN SPEED (ALL OBS) ϕ	1	7	6	5	5	5	7	7	7	7	6	7	7	6
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT ϕ	1	500	400	400	350	350	550	500	350	400	450	450	550	550
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER ϕ	1	4	5	4	4	4	4	3	3	4	4	4	4	4
DAYS TSTMS	2	5	3	2	2	0	#	0	1	2	3	4	5	27
DAYS FOG < 7 ϕ	1	1	1	1	2	4	4	2	3	1	2	2	1	24
DAYS BNBD < 7 ϕ	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5 %, AS APPLICABLE \$ = % CALM > PVLG DRCTN
 † = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 84 (6 HOURLY)
 2. NATIONAL INTELLIGENCE SURVEY (7-81 YRS POR) (NEWCASTLE 5.04 NM FROM ASWM)
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	20	19	15	11	13	15	10	7	11	17	16	17	14
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	22	23	19	14	11	15	9	8	7	16	14	15	14
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	12	12	8	7	9	13	7	5	4	9	9	7	9
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	20	16	11	8	12	12	7	5	7	13	13	10	11
ALL HOURS †	19	18	13	10	11	14	8	6	7	14	13	12	12

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	15	15	11	7	11	11	8	5	6	12	11	8	10
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	18	17	16	11	9	13	7	6	5	12	10	10	11
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	9	9	6	5	7	9	5	3	2	6	6	4	6
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	17	12	9	5	9	8	6	3	4	9	7	7	8
ALL HOURS †	15	13	11	7	9	10	7	4	4	10	9	7	9

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	10	7	7	5	9	9	6	5	4	6	6	5	7
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	11	9	8	7	6	8	5	4	3	6	7	6	7
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	5	6	4	3	4	4	3	1	1	3	4	2	3
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	7	5	5	2	6	5	3	2	2	3	3	3	4
ALL HOURS †	8	7	6	4	6	7	4	3	3	5	5	4	5

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	1	#	1	2	5	3	3	3	1	2	1	2	1
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	1	0	1	1	3	5	1	2	0	0	0	#	1
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	#	0	0	0	#	0	0	0	0	0	#	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	#	0	0	#	1	2	0	1	1	#	0	#	1
ALL HOURS †	1	#	1	1	2	3	1	2	1	1	#	1	1

OPERATIONAL CLIMATIC DATA SUMMARY SUPPLEMENT

STATION: WILLIAMTOWN, AUSTRALIA
 LOCATION: 32°49'S, 151°51'E
 PREPARED BY USAFETAC/ECR MAR 1986

STATION #: 947760
 ELEVATION (FEET): 36
 PERIOD: VARIED

ICAO ID: ASWN
 LST = GMT +10

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	0	1	1	0	#	0	0	0	1	1	0	#
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	1	1	0	0	0	0	#	0	1	0	#
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	2	1	2	0	0	0	0	#	0	1	1	1	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	#	3	#	1	0	1	0	1	1	2	1	2	1
ALL HOURS †	1	1	1	1	0	#	0	#	#	1	1	1	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	9	10	12	8	8	10	8	4	8	10	8	8	9
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	11	12	10	8	11	11	11	5	5	10	8	7	9
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	6	11	11	7	12	12	8	7	6	9	8	5	9
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	14	13	12	7	10	10	8	6	6	12	8	6	9
ALL HOURS †	10	12	11	8	10	11	9	6	6	10	8	7	9

3. % FREQ OF SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS †	0	0	0	0	0	0	0	0	0	0	0	0	0

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	1	0	1	#	1	2	3	3	5	2	2	2	2
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	1	0	1	#	2	1	0	1	#	#	#	1
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	#	1	0	1	1	1	1	0	1	0	#	0	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	#	#	0	1	1	1	3	1	2	#	1	1	1
ALL HOURS †	#	1	#	1	1	2	2	1	2	1	1	1	1

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 † = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 84 (6 HOURLY)
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	10	7	7	5	9	9	6	5	3	6	6	5	7
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	11	9	8	7	6	8	5	4	3	5	7	6	7
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	5	6	4	3	4	4	3	1	1	2	4	2	3
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	7	5	5	2	6	5	3	2	2	3	3	3	4
ALL HOURS †	8	7	6	4	6	7	4	3	2	4	5	4	5

6. % FREQ OF CIG/VIS < 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	6	5	3	4	8	8	5	4	2	4	5	4	5
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	6	4	4	3	5	6	4	4	1	4	3	4	4
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	2	2	3	1	3	2	2	1	1	1	2	1	2
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	4	2	3	1	4	3	1	2	1	1	2	1	2
ALL HOURS †	5	3	3	2	5	5	3	3	1	3	3	3	3

7. % FREQ OF CIG/VIS < 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	2	2	1	3	7	5	4	3	2	2	3	2	3
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	2	1	1	1	4	5	1	3	0	0	1	1	2
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	1	0	1	0	1	#	1	0	#	0	1	0	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	1	0	#	#	2	2	1	1	1	1	#	#	1
ALL HOURS †	2	1	1	1	4	3	2	2	1	1	1	1	2

8. % FREQ OF CIG/VIS < 100/0.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	#	#	#	1	3	1	2	1	1	1	#	1	1
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	#	#	2	3	1	1	0	0	0	0	1
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	0	#	1	#	0	#	1	0	0	#	#
ALL HOURS †	#	#	#	#	2	1	1	1	1	#	#	#	1

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: WOOMERA, AUSTRALIA
 LOCATION: 31°10'S, 136°49'E
 PREPARED BY: USAFETAC/ECR, OCT 1988

STATION #: 946590
 ELEVATION (FEET): 548
 PERIOD: VARIED

ICAO ID: AAWR
 LST = GMT +10

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (°F)														
EXTREME MAX	2	113	113	109	99	86	78	82	90	97	105	108	114	113
MEAN DLY MAX	1	89	89	84	75	67	61	60	64	59	75	82	87	75
MEAN	1	80	80	75	66	59	53	52	55	61	66	73	78	67
MEAN DLY MIN	1	72	71	66	59	52	46	46	48	52	57	64	68	58
EXTREME MIN	2	49	51	41	41	38	32	33	32	34	40	45	45	32
# DAYS > 90	1	16	15	11	2	0	0	0	#	1	3	8	13	68
# DAYS < 32	1	0	0	0	0	0	#	0	#	0	0	#	0	0
# DAYS < 0	1	0	0	0	0	0	0	0	#	0	0	0	0	0
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	3	0.6	0.7	0.6	0.6	0.9	1.0	0.8	1.0	0.8	0.9	0.7	0.7	9.3
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.01		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS >= 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS > 0.1		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS >= 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (Hg) / DEWPOINT (°F)														
RH (03 LST)	1	49	51	58	64	72	78	76	71	66	61	52	47	62
RH (-15 LST)	1	24	26	26	38	40	45	44	37	31	29	25	22	32
VAPOR PRESS	1	.37	.39	.35	.31	.29	.27	.25	.25	.25	.27	.30	.31	.30
DEWPOINT	1	48	50	48	45	43	41	39	39	39	41	43	44	43
5. SURFACE WINDS (16 PT/KNOTS) / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	S	SE	S	\$S	\$N	\$S	\$N	\$N	S	S	S	S	\$S
MEAN SPEED (PVLG DRCTN)	1	11	9	10	8	7	7	8	9	9	11	11	10	9
MEAN SPEED (ALL OBS)	1	9	8	7	6	5	5	6	7	8	9	9	9	7
MAX (PK GST)		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	1150	1050	960	850	950	950	900	900	950	950	1000	1200	1200
6. MEAN CLOUD COVER (EIGHTHS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER		*	*	*	*	*	*	*	*	*	*	*	*	*
DAYS TSTMS	1	1	#	1	#	1	#	#	#	1	2	1	1	8
DAYS FOG < 7	1	0	0	0	0	#	1	#	#	0	0	0	0	2
DAYS BNBD < 7	1	#	#	0	#	0	0	0	0	#	#	0	0	1
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LESS THAN 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM > PVLG DRCTN
 † = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTH/YEAR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86
 2. NATIONAL INTELLIGENCE SURVEY
 3. NATIONAL INTELLIGENCE SURVEY FOR PORT AUGUSTA

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) < 3000/3 STATUTE MILES (MI) (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	2	1	2	3	3	7	6	5	2	2	1	#	3
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	4	3	2	5	6	10	11	7	5	7	2	3	5
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	3	2	2	3	8	12	14	9	4	5	1	2	6
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	2	2	1	1	3	6	8	3	2	2	1	1	2
ALL HOURS	1	2	1	2	6	9	10	7	4	2	1	1	3

8. % FREQ OF CIG/VIS < 1500/3 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	2	#	1	2	2	5	2	2	1	2	1	#	2
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	2	1	1	4	4	7	8	4	3	3	1	#	3
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	1	2	#	1	2	3	3	2	#	2	1	1	2
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	2	1	0	0	1	3	2	1	1	1	1	1	1
ALL HOURS	1	2	#	1	4	2	2	1	2	1	#	#	1

9. % FREQ OF CIG/VIS < 1000/2 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	1	0	#	1	1	2	1	1	1	1	#	#	1
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	2	1	1	2	2	6	4	1	1	1	#	0	2
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	1	1	0	#	#	1	1	#	0	1	1	1	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	1	1	0	0	1	2	#	1	#	1	0	1	1
ALL HOURS	1	#	#	#	1	1	1	1	1	1	#	#	1

10. % FREQ OF CIG/VIS < 200/0.5 MI (SOURCE NO. 1):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	0	#	0	#	1	#	#	0	0	0	#	#
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	#	1	3	#	#	0	#	0	0	#
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	0	0	0	#	0	#	#	#	0	0	0	#	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	#	0	0	0	0	1	0	0	0	0	0	#	#
ALL HOURS	#	0	#	#	#	1	#	#	0	#	0	#	#

OPERATIONAL CLIMATIC DATA SUPPLEMENT

STATION: WOOMERA, AUSTRALIA
 LOCATION: 31°10'S, 136°49'E
 PREPARED BY: USAFETAC/ECR, OCT 1988

STATION #: 946590
 ELEVATION (FEET): 548
 PERIOD: 7301-8612

ICAO ID:
 LST = GMT +10

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	#	#	0	#	0	#	#	0	#	#	1	#	#
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	#	#	0	0	0	0	0	#	#	#	#	0	#
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	1	1	#	0	#	0	0	0	#	1	1	1	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	1	#	1	0	#	0	#	0	1	1	1	1	#
ALL HOURS	#	#	#	#	#	#	#	#	4	#	#	#	1

2. % FREQ OF RAIN AND/OR DRIZZLE:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	2	2	1	1	3	4	4	4	4	3	4	2	3
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	3	3	1	2	4	4	3	4	3	3	3	1	3
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	2	3	1	1	3	2	4	4	4	5	2	3	3
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	4	3	2	4	2	4	5	5	5	3	2	2	3
ALL HOURS	3	6	1	1	1	4	2	4	4	2	1	1	3

3. % FREQ OF SNOW AND/OR ICE PELLETS:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

4. % FREQ OF SURFACE WIND SPEEDS > 25 KNOTS (INCLUDING GUSTS):

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	1	#	0	1	#	#	0	#	#	#	#	#	#
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	#	0	#	0	0	0	#	#	1	1	2	#	#
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	1	1	#	0	1	#	#	3	1	3	1	2	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	1	1	#	0	#	0	#	1	1	2	2	2	1
ALL HOURS	#	#	#	#	#	#	#	1	#	1	2	2	1

REMARKS: * = DATA NOT AVAILABLE, # = 0.0 < 0.5, MI = STATUTE MILES
 † = BASED ONLY ON AVAILABLE DATA, I.E., < 24 HRS/DAY OR < 12 MONTHS/YEAR

- SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86
 2. NATIONAL INTELLIGENCE SURVEY
 3. NATIONAL INTELLIGENCE SURVEY FOR PORT AUGUSTA

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) < 800/2 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	1	0	#	1	1	2	1	1	1	1	#	#	1
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	2	1	1	2	2	6	4	1	1	1	#	0	2
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	1	1	0	#	#	1	1	#	0	1	1	1	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	1	1	0	0	1	2	#	1	#	1	0	1	1
ALL HOURS	1	#	#	#	1	1	1	1	1	1	#	#	1

6. % FREQ OF CIG/VIS < 500/1.5 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	1	0	#	#	1	1	1	1	0	1	0	#	1
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	1	#	#	1	2	4	3	1	1	#	#	0	1
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	#	#	0	#	#	1	1	#	0	1	#	1	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	1	1	0	0	1	2	0	1	0	0	0	1	0
ALL HOURS	#	#	#	#	#	1	1	#	1	#	#	#	#

7. % FREQ OF CIG/VIS < 300/1 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	#	0	#	#	1	1	#	1	0	0	0	#	#
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	#	0	0	#	1	3	1	#	0	#	0	0	1
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	0	#	0	#	0	#	#	#	0	#	0	#	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	#	0	0	0	#	1	0	#	0	#	0	1	#
ALL HOURS	#	#	#	#	#	1	#	#	0	#	0	#	#

8. % FREQ OF CIG/VIS < 100/0.25 MI:

SOURCE 1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	0	0	#	0	#	1	#	#	0	0	0	0	#
06-08 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
09-11 LST	0	0	0	0	1	2	#	#	0	#	0	0	#
12-14 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
15-17 LST	0	0	0	#	0	0	0	0	0	0	0	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	#	0	0	0	0	#	0	0	0	0	0	#	#
ALL HOURS	#	0	#	#	#	#	#	#	0	#	0	#	#

AWS CLIMATIC BRIEF

WICKLIAM TITL WANGERE, NEW ZEALAND

PERIOD: 1966-69

WMO # 93119
STN LTRS: NZAA

Prepared by ETAC (DEC 1971)

S 37 01 E 175 48

FIELD ELEVATION: 23

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN					MEAN NUMBER OF DAYS													
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (MAX) SPEED (WIND)	0400 RELATIVE HUMIDITY (%)	1300	DEW POINT (°F)	VAPOR PRESSURE (in)	99.95%	PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG (< 7 MILES)				MEAN CLOUDS (TENTHS)		
	MAXIMUM		MINIMUM		N	S	N	N	N	N	90	80	40	32													
JAN	80	71	60	52	3.6	1.8		SW	11	33	86	71	58	.49	500	13	2			2	2					7	
FEB	80	73	61	51	5.8	6.0		SW	10	47	89	71	60	.52	450	10	4			1	5					6	
MAR	81	72	60	49	3.1	1.8		SW	9	40	90	71	60	.52	400	11	2			1	9			1	0	6	
APR	74	66	56	43	4.6	1.7		WSW	11	47	88	74	55	.44	750	19	3			1	7			0	0	6	
MAY	68	61	51	40	4.4	2.1		SW	9	40	90	79	52	.39	900	16	3			1	12			0	1	6	
JUN	64	57	46	33	4.2	1.2		WSW	9	40	90	80	48	.34	950	19	3			2	11			0	5	6	
JUL	65	56	45	34	3.8	1.3		SW	8	40	91	80	46	.31	800	14	2			1	12			0	9	6	
AUG	64	58	47	36	4.3	1.6		SW	10	40	90	77	48	.34	800	15	2				10			0	5	6	
SEP	67	60	49	37	3.7	1.1		SW	10	40	89	74	49	.35	700	18	3			1	5			0	2	6	
OCT	69	62	51	39	2.0	0.7		SW	11	40	88	71	50	.36	600	14	1			1	5			0	1	6	
NOV	75	66	55	45	4.4	2.7		SW	12	40	87	71	54	.42	750	13	3			1	4			0	0	7	
DEC	79	69	59	46	4.5	2.7		SW	11	33	89	71	57	.47	550	14	2			1	2			0	0	7	
ANN	81	64	53	33	48.4	6.0	0	0	SW	10	47	89	74	53	.40	700	176	30	0	0	13	84	0	1	23	0	6
EYR	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

REMARKS:
 1 HIGHEST HOURLY WIND SPEED CLASS INTERVAL.
 RUSSHO FOR: HRLY AND DAILY OBB: 6601-6912.

NOTE: #DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	24	18	17	16	17	22	19	20	15	17	20	21	19	
	03-05	26	21	19	18	16	24	26	20	17	17	25	27	21	
	06-08	25	26	23	19	22	23	30	23	23	17	26	25	24	
	09-11	26	24	26	17	22	24	24	25	25	24	30	32	25	
	12-14	25	20	28	26	22	28	21	24	27	26	30	27	25	
	15-17	22	19	19	19	20	28	18	24	28	25	23	20	22	
	18-20	18	19	18	16	18	23	16	18	18	16	25	20	19	
	21-23	21	17	16	21	16	19	15	17	14	12	19	13	17	
ALL HOURS		24	20	21	19	19	24	21	22	21	19	25	23	21	4
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	4	5	5	5	6	9	8	8	2	1	5	7	5	
	03-05	6	4	5	5	5	11	6	8	3	3	6	9	6	
	06-08	6	9	9	3	7	8	14	10	7	6	7	8	8	
	09-11	5	8	7	3	7	6	11	13	6	2	6	5	7	
	12-14	6	6	6	3	5	7	6	9	4	3	6	4	5	
	15-17	5	6	6	4	4	7	3	5	4	4	7	1	5	
	18-20	7	8	5	5	3	5	3	3	4	2	5	4	5	
	21-23	8	8	5	5	3	3	4	4	4	1	5	2	4	
ALL HOURS		6	7	6	4	5	6	7	7	4	3	6	5	6	4
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	1	2	2	2	3	3	4	5	1		1	2	2	
	03-05	2	2	1	2	3	3	8	6	1	1	2	3	3	
	06-08	2	4	4	1	6	3	10	7	3	2	3	3	4	
	09-11	2	4	4	1	4	3	7	8	2		2	2	3	
	12-14	3	4	2	1	2	3	3	5	2	1	3	1	3	
	15-17	3	4	2	2	1	3	1	2	2	1	1		2	
	18-20	3	5	3	3	2	1	1	2	1	1	2	2	2	
	21-23	1	4	3	3	2	2	3	2	1	0	1		2	
ALL HOURS		2	4	3	2	3	3	5	5	2	1	2	2	3	4
CIG less than 200 feet and/or VSBY less than 1/2 mile	00-02	0	0	0	0			3	2	0	0	0	0		
	03-05	0	0	0	1	1		6	3	1			0	1	
	06-08	0	1	1		3	1	6	4	2	0	1	0	2	
	09-11	0		1		1	1	4	3	1	0	0	0	1	
	12-14	0	0	0	0	1	1	2	1		0	0	0		
	15-17	0	0	0	0	0		0	0	0	0	0	0		
	18-20	0	0	0	0	0	0	0	0	0	0	0	0		
	21-23	0	0	0	0	1	1	1	1	0	0	0	0		
ALL HOURS		0				1	1	3	2	1			0	1	4

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN						MEAN NUMBER OF DAYS										
	1	1	1	1	1	1	1	1	EXTREME (MAX) SPEED (WIND) °	0400 RELATIVE HUMIDITY (%)	1300 DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE	59.95% OF 1000	PRECP ≥ 0.01 in	PRECP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F)				MEAN CLOUDS (TENTHS)
	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MAXIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN	MAX SNOWFALL IN 24 HOURS													PREVAILING DIRECTION	MEAN SPEED	MAXIMUM	MINIMUM	
JAN	85	73	55	40	3.7	3.1	WSW	7	33	90	61	58	.49	550	10	1		1	5	3	#	0	6		
FEB	86	75	57	39	4.4	3.2	WSW	7	33	90	62	58	.49	550	10	1		#	7	4	#	0	6		
MAR	84	73	54	34	3.1	3.2	WSW	6	40	91	63	57	.47	700	13	2		#	6	#	#	0	6		
APR	81	68	51	33	4.5	4.8	WSW	5	33	93	65	54	.42	650	16	2		1	13	#	2	0	6		
MAY	75	63	48	28	5.4	3.4	WSW	5	40	92	71	51	.38	700	19	3		1	14	0	5	#	6		
JUN	71	59	44	23	6.0	4.6	WSW	7	33	91	73	48	.34	900	20	5		1	12	0	8	1	6		
JUL	66	58	42	25	6.2	2.4	W	7	40	91	71	46	.31	1050	20	4		1	13	0	10	3	6		
AUG	68	59	43	26	4.7	4.7	WSW	7	33	90	67	45	.30	850	20	4		1	8	0	11	2	6		
SEP	69	61	45	30	4.2	2.9	WSW	8	33	90	66	48	.34	700	14	3		#	8	0	5	#	6		
OCT	75	64	49	34	4.5	5.5	WSW	7	33	92	65	51	.38	700	17	3		1	10	0	2	0	6		
NOV	77	67	51	32	3.6	3.5	WSW	8	33	89	63	52	.39	650	13	2		1	5	0	1	#	6		
DEC	82	70	53	34	3.5	2.9	WSW	7	33	90	61	55	.44	650	13	2		1	6	#	#	0	6		
ANN	86	66	49	23	53.8	5.9	WSW	7	40	91	66	52	.39	750	185	32	0	0	9	107	0	7	44	6	6
EYR	21	16	16	21	30	23	16	16	6	6	6	6	6	6	16	6	16	16	16	6	6	6	6	6	6

REMARKS:
¹ Extremes and means included from NZMS Misc Pub 122, Summaries of Climat'l Obs at NZ Stns to 1960.
² Highest hourly wind speed class interval.
 RUSSWO POR: Hrly and Daily Obs: 6001-6512.
 NOTE: *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	17	20	20	20	24	29	28	20	25	25	18	18	22	
	03-05	18	24	24	25	28	34	31	25	26	32	22	20	26	
	06-08	20	22	23	30	35	38	37	30	31	34	26	21	29	
	09-11	29	31	30	28	30	35	30	29	39	42	37	34	33	
	12-14	28	34	33	32	33	36	36	36	44	42	37	34	35	
	15-17	22	25	26	24	24	27	25	27	32	32	30	27	27	
	18-20	19	17	20	19	17	29	23	20	23	26	19	16	21	
	21-23	16	15	13	17	17	25	23	20	21	21	16	14	18	
	ALL HOURS		21	23	24	24	26	32	29	26	30	32	26	23	26
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	4	6	6	12	14	17	12	8	11	12	7	8	10	
	03-05	4	9	9	17	16	20	16	15	13	17	7	9	13	
	06-08	6	10	10	19	22	19	18	15	15	16	8	8	14	
	09-11	6	7	7	10	13	18	13	11	11	10	6	5	10	
	12-14	3	7	4	5	8	12	8	6	6	9	5	6	7	
	15-17	4	9	4	7	5	7	5	8	5	9	5	8	6	
	18-20	4	7	4	6	5	8	6	6	8	8	4	6	6	
	21-23	4	5	5	9	8	10	9	8	8	8	5	6	7	
	ALL HOURS		4	7	6	11	11	14	11	10	10	11	6	7	9
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	2	3	3	9	11	14	10	5	7	9	3	6	7	
	03-05	3	6	6	15	12	17	14	13	9	13	4	8	10	
	06-08	3	7	6	16	19	15	16	12	11	11	4	4	10	
	09-11	3	4	4	7	11	13	9	9	5	7	2	3	6	
	12-14	1	4	2	4	5	8	5	4	3	6	1	3	4	
	15-17	1	5	2	5	4	4	3	5	3	5	3	2	4	
	18-20	2	4	2	5	3	6	4	3	6	5	3	4	4	
	21-23	2	3	2	7	6	8	8	5	5	5	3	4	5	
	ALL HOURS		2	4	3	8	9	10	9	7	6	8	3	4	6
CIG less than 200 feet and/or VSBY less than 1/2 mile	00-02	0	#	1	3	6	6	6	1	2	1	#	#	2	
	03-05	#	1	2	9	7	8	8	5	3	3	2	#	4	
	06-08	#	1	2	9	8	7	8	6	4	3	1	#	4	
	09-11	0	0	#	2	3	3	5	2	1	0	0	0	1	
	12-14	0	#	0	0	0	0	1	0	0	#	#	0	#	
	15-17	0	0	0	0	0	0	0	0	0	0	0	0	0	
	18-20	0	0	#	0	#	#	1	0	0	0	0	0	0	
	21-23	0	#	#	1	2	2	4	1	#	#	0	#	1	
	ALL HOURS		#	#	1	3	3	3	4	2	1	1	#	#	2

AWS CLIMATIC BRIEF CHRISTCHURCH INTL/HARMWOOD, NEW ZEALAND PERIOD: 1921-69

Prepared by ETAC (DEC 1971) S 43 29 E 172 32 FIELD ELEVATION: 123 (1) STN LTRS: NZCH WMO # 93780

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN					MEAN NUMBER OF DAYS								MEAN CLOUDS (TENTHS)											
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL IN 24 HOURS	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (MAX) SPEED (WIND)	RELATIVE HUMIDITY (%)		DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE	TEMPERATURE (°F)																
												92.95%					PRECIP 0.01				PRECIP 0.5				SNOWFALL				THUNDERSTORMS				
												0200	1300				0.1	0.5	1.5	1	2		3	4	90	80	32	0					
JAN	96	71	53	38	2.0	1.4			ENE	9	40	84	57	51	.38	1000	10	1	#	#	1	4	1	5	0	7							
FEB	94	70	53	38	1.8	2.8			ENE	9	33	86	59	52	.39	900	8	1	#	#	6	#	5	0	6								
MAR	92	67	50	32	1.8	2.5			ENE	8	40	88	64	51	.38	900	10	1	#	#	8	#	2	#	7								
APR	86	62	44	28	2.0	2.9			ENE	7	55	90	66	46	.31	1050	10	1	#	#	12	0	#	1	6								
MAY	79	57	40	24	2.8	2.4			ENE	6	40	89	71	43	.28	1000	11	1	#	#	10	0	0	3	6								
JUN	70	51	35	23	2.2	1.9			WSW	5	40	89	72	37	.22	1300	9	1	#	#	11	0	0	11	6								
JUL	70	50	35	20	2.1	1.7			WSW	6	33	89	73	37	.22	1250	12	2	#	#	0	9	0	0	13	6							
AUG	72	53	36	23	2.1	2.9			ENE	6	33	89	66	38	.23	1200	9	1	#	#	0	10	0	0	9	6							
SEP	77	57	40	25	1.8	2.9			ENE	8	40	88	62	41	.26	1100	10	1	#	#	9	0	0	2	6								
OCT	84	62	44	25	1.8	1.3			ENE	8	40	84	56	43	.28	1100	8	#	#	#	6	0	#	1	6								
NOV	90	65	46	32	1.9	1.4			ENE	9	40	83	54	45	.30	1200	10	1	#	#	4	0	1	#	6								
DEC	91	68	51	34	2.1	3.1			ENE	9	40	86	58	49	.35	900	8	1	#	#	5	0	3	0	7								
ANN	96	61	44	20	24.4	3.1	*	*	ENE	8	55	87	63	44	.29	1100	115	12	#	*	1	94	1	16	40	0	6						
EYR	17	10	10	17	40	25			10	10	10	10	10	10	10	10	10	10	12		12	10	10	10	10	10							

REMARKS:
 * Means and Extremes were included from the Summaries of Climatological Observations at New Zealand Stations to 1960.
 * Refers to highest hourly one-minute wind speed class interval.
 RUSSWO POR: Hrly and Daily Obs: 6001-6912.

NOTE: *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00 - 02	28	28	30	31	33	28	27	26	26	21	19	32	27	
	03 - 05	30	33	33	30	30	25	25	27	29	23	23	35	29	
	06 - 08	29	32	33	32	32	27	26	27	32	21	22	32	29	
	09 - 11	25	27	29	25	28	24	27	26	28	20	21	28	26	
	12 - 14	18	19	26	23	26	21	26	24	24	17	18	19	22	
	15 - 17	15	17	20	18	23	18	21	17	17	13	13	17	17	
	18 - 20	19	19	25	21	28	23	25	17	21	16	16	24	21	
	21 - 23	26	23	28	26	33	28	27	21	21	17	17	28	25	
	ALL HOURS		24	25	28	26	29	24	25	23	25	18	19	27	24
CIG less than 1500 feet and/or VSBY less than 3 miles	00 - 02	16	19	19	19	19	18	16	17	17	11	12	19	17	
	03 - 05	20	21	21	20	20	17	15	19	21	15	15	22	19	
	06 - 08	19	22	21	21	20	16	14	20	22	15	15	18	19	
	09 - 11	10	13	17	15	17	16	17	15	17	10	10	10	14	
	12 - 14	6	6	12	11	14	12	15	11	10	3	7	7	10	
	15 - 17	7	7	10	10	14	12	12	9	9	5	7	7	9	
	18 - 20	13	11	16	13	16	14	15	11	13	9	9	15	13	
	21 - 23	16	14	18	15	20	17	16	14	14	10	11	18	15	
	ALL HOURS		13	14	17	15	18	15	14	15	10	11	14	14	10
CIG less than 1000 feet and/or VSBY less than 2 miles	00 - 02	9	15	13	13	15	13	13	13	11	8	6	10	12	
	03 - 05	11	15	14	15	15	12	12	16	16	11	10	14	13	
	06 - 08	12	15	16	15	15	13	12	15	18	11	10	10	14	
	09 - 11	6	8	11	9	12	13	14	13	12	5	6	6	10	
	12 - 14	3	2	7	6	10	8	11	7	6	1	5	3	6	
	15 - 17	4	4	4	6	11	10	10	6	7	2	5	4	6	
	18 - 20	7	7	12	8	11	10	11	10	10	6	5	8	9	
	21 - 23	10	10	13	10	16	14	11	12	9	6	5	9	10	
	ALL HOURS		8	9	11	10	13	12	12	12	11	6	6	8	10
CIG less than 200 feet and/or VSBY less than 1/2 mile	00 - 02	1	2	3	6	5	6	5	5	3	2	1	1	3	
	03 - 05	2	4	4	6	5	5	5	7	5	3	1	2	4	
	06 - 08	1	4	4	6	5	6	4	8	7	4	1	2	4	
	09 - 11	0	0	1	2	2	5	4	4	1	0	0	0	2	
	12 - 14	0	0	0	0	0	2	1	#	#	0	0	0	#	
	15 - 17	0	0	#	#	#	2	1	#	0	0	0	0	#	
	18 - 20	0	0	#	#	2	3	2	2	#	0	0	0	1	
	21 - 23	1	#	1	3	4	6	4	5	2	#	#	#	2	
	ALL HOURS		1	1	2	3	3	4	2	4	2	1	1	1	2

AWS CLIMATIC BRIEF CHRISTCHURCH/MAGNETIC OBS'Y, NEW ZEALAND PERIOD: 1951-1960 WMAN WMO
 Prepared by ETAC (DBC 1971) S 43 32 E 172 37 STATION ELEVATION: 22 FT STN LTRS:

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)				MEAN			MEAN NUMBER OF DAYS								MEAN CLOUDS			
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME SPEED	0900 RELATIVE HUMIDITY (%)	2100-2400 RELATIVE HUMIDITY (%)	DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE	PRECIP ≥ 0.01	PRECIP ≥ 0.05	SNOWFALL	SNOWFALL ≥ 0.1	THUNDERSTORMS		FOG	TEMPERATURE (°F)	
																								MAXIMUM	MINIMUM
	IV	IV	IV	IV																					
JAN	97	70	53	34	2.2	3.2						67	59				10		0		1	#			
FEB	95	70	53	34	1.8	3.1						71	60				8		0		#	#			
MAR	90	67	50	30	1.7	3.2						77	69				9		0		#	#			
APR	83	62	45	26	1.8	4.7						83	71				10		0		#	3			
MAY	80	56	40	21	3.0	4.0						86	69				12		#		#	5			
JUN	69	51	35	22	2.7	2.9						88	72				13		1		#	5			
JUL	70	50	35	19	2.4	2.8						88	76				14		1		#	4			
AUG	73	53	37	23	2.3	3.3						84	66				11		1		#	3			
SEP	81	58	40	23	2.0	2.2						74	69				10		#		#	1			
OCT	88	62	44	26	2.0	2.7						67	60				11		#		#	#			
NOV	90	66	47	30	2.0	1.8						64	59				10		0		1	1			
DEC	92	69	51	33	2.4	2.5						67	60				11		0		1	#			
ANN	97	61	44	19	26.3	4.7						76	66				129		3		3	22			
EYR	73	56	56	73	88	30						56	3				30		56		56	56			

REMARKS:
 Primary data source: The Summaries of Climatological Observations at New Zealand Stations To 1960.
 See also AWS Climatic Brief for Christchurch Intl/Harewood S 43 29 E 172 32.
 1 British Tables of Temperature, Relative Humidity & Precipitation for the World, 1962.

NOTE: *DATA NOT AVAILABLE. †LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN					MEAN NUMBER OF DAYS					MEAN CLDS								
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME SPEED	0500 RELATIVE HUMIDITY (%)	DEW POINT (°F)	VAPOR PRESSURE (IN)	PRESSURE ALTITUDE (F)	PRECIP 0.01	PRECIP 2	SNOWFALL		SNOWFALL 2	THUNDERSTORMS	FOG	TEMPERATURE (°F)				
																		MAXIMUM				MINIMUM					
	IV	IV	IV	IV														IV		IV	IV	IV					
JAN	96	71	52	37	2.1	3.3			NE	5	67				8		0			1	1						
FEB	94	71	53	36	1.7	3.4			NE	5	69				8		0			#	2						
MAR	90	67	50	32	1.6	2.0			NE	4	77				9		0			#	4						
APR	84	63	45	28	1.7	2.0			NE	4	81				10		0			#	5						
MAY	81	57	39	23	2.8	3.2			SW	3	84				11		#			0	5						
JUN	72	52	35	21	2.4	1.5			SW	3	86				11		1			0	5						
JUL	70	51	34	15	2.2	1.5			SW	3	86				12		1			#	6						
AUG	73	53	36	23	2.2	2.6			SW	4	82				10		1			#	4						
SEP	78	58	40	23	1.8	2.2			SW	5	76				8		#			#	4						
OCT	83	62	43	25	1.9	1.5			NE	5	68				10		#			#	2						
NOV	88	67	47	28	1.9	1.8			NE	5	65				9		0			1	2						
DEC	90	68	50	36	2.2	1.6			NE	5	68				10		0			1	1						
ANN	96	62	44	15	24.5	3.4			NE	4	76				116		3			3	41						
EYR	24	24	24	24	30	24			41	41	24				24		24			24	24						

REMARKS:
 All data is from "The Summaries of Climatological Observations at New Zealand Stations To 1960".
 See also AWS Climatic Brief for Christchurch Intl/Harewood, S 43 29 E 172 32.
 NOTE: *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN							MEAN NUMBER OF DAYS													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	TEMPERATURE (°F)				MEAN CLOUDS (TENTHS)
																									MAXIMUM	MINIMUM	90	80	
JAN	85	68	55	39	3.2	4.5		NNW	10	38	88	72	51	.38	1100	11		0	1	1									6
FEB	88	68	55	41	3.3	6.3		NNW	10	40	88	73	53	.40	1100	9		0	#	1								7	
MAR	81	66	54	39	3.2	5.7		NNW	9	40	87	73	51	.38	1100	11		0	#	1								7	
APR	81	62	51	36	3.8	5.0		NNW	10	41	88	76	49	.35	1300	13		0	#	1								6	
MAY	71	57	47	31	4.7	5.7		NNW	10	38	87	77	46	.31	1250	16		#	#	2								7	
JUN	69	53	43	30	4.6	3.4		NNW	10	40	85	77	43	.28	1500	17		#	#	1								6	
JUL	66	51	42	29	5.5	3.3		SSE	10	40	86	70	41	.26	1550	18	1		1	1								7	
AUG	68	53	43	29	4.7	3.8		SSE	10	38	87	75	41	.26	1400	17		#	#	1								6	
SEP	69	56	45	31	3.9	3.8		NNW	10	44	88	73	43	.28	1250	15		#	1	1								6	
OCT	76	59	47	34	4.1	4.2		NNW	11	36	87	74	45	.30	1250	14		#	#	1								7	
NOV	81	62	50	35	3.4	2.7		NNW	12	45	87	74	47	.32	1350	13	0		1	1								7	
DEC	84	66	53	38	3.5	6.0		NNW	11	46	87	73	50	.36	1150	12	0		1	2								7	
ANN	88	60	49	29	47.9	6.3	*	* NNW	10	46	87	75	47	.32	1300	166	*	1	*	5	14	0	*	*	0	*	0	7	
EYR	99	33	33	99	82	99			14	14	14	9	14	48	48	10	82		33		62	9	88			88	14		

REMARKS:
¹ NZMO SUMMARIES OF CLIMATOLOGICAL OBSERVATIONS AT NEW ZEALAND STATIONS TO 1960 (1862-1962).
² WELLINGTON CITY RAINFALL, 1944, N.Z. MET OFF NOTE NUMBER 27 (1862-1944).
³ FLYING WEATHER: TOTAL LOW CLOUD AMOUNT 0-4/8, OR IF 5-8/8 LOWEST CLOUD HEIGHT LISTED.
 SEE ALSO AWS CLIMATIC BRIEF FOR WELLINGTON INTL S 41 19 E 174 48.
 N SUMMARY FOR: 4901-6212.

NOTE: *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
LOWEST CLOUD HEIGHT ³ less than 3300 feet and/or VSBY less than 2½ miles	0000	38	39	41	44	45	41	45	40	43	45	43	42	42	14
	0600	45	48	42	45	41	39	41	47	46	42	49	47	44	9
	1200	32	34	36	40	39	39	44	44	37	40	38	32	38	14
	1800	25	30	28	30	38	37	43	36	30	31	27	31	32	9
	MEAN OF LISTED HOURS		35	38	37	40	41	39	43	42	39	40	39	38	39
LOWEST CLOUD HEIGHT ³ less than 2000 feet and/or VSBY less than 2½ miles	0000	31	32	29	34	33	29	30	26	32	34	34	32	31	14
	0600	37	35	30	35	29	31	31	32	38	33	39	36	34	9
	1200	21	23	21	27	25	26	29	28	24	22	25	21	24	14
	1800	16	20	19	20	27	27	32	26	21	21	20	22	23	9
	MEAN OF LISTED HOURS		26	28	25	29	29	28	31	28	29	28	30	28	28
LOWEST CLOUD HEIGHT ³ less than 1000 feet and/or VSBY less than 1 ¼ miles	0000	16	16	12	12	13	9	9	8	12	12	15	16	13	14
	0600	18	20	13	11	13	11	14	13	15	11	18	18	15	9
	1200	10	11	8	10	9	10	8	8	9	9	10	8	9	14
	1800	10	10	8	6	10	10	7	7	9	9	12	13	9	9
	MEAN OF LISTED HOURS		14	14	10	10	11	10	10	9	11	10	14	14	12
LOWEST CLOUD HEIGHT ³ less than 300 feet and/or VSBY less than 5/8 mile	0000	4	4	4	3	1	2	1	2	2	1	3	4	3	14
	0600	7	8	4	2	2	3	3	2	3	2	3	6	4	9
	1200	2	2	2	2	2	3	1	2	1	1	1	3	2	14
	1800	3	2	3	2	3	2	1	1	3	2	1	5	2	9
	MEAN OF LISTED HOURS		4	4	3	2	2	3	2	2	2	2	5	3	

AWS CLIMATIC BRIEF

AGAMA HAS, GUAM I, MARIANA IS., NO. PACIFIC PERIOD: 1945-70B

WBAN # 41406
WMO # 91212

Prepared by ETAC (SEP 1971)

M 13 29 R 144 48

FIELD ELEVATION: 298

11 STN LTRS: PGM

MONTH	TEMPERATURE (°F)		PRECIPITATION (in)		WIND (KT)		MEAN				MEAN NUMBER OF DAYS							TEMPERATURE (°F)				MEAN CLDN (%)(TENTHS)			
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	EXTREME MINIMUM	MEAN TOTAL	MEAN IN 24 HOURS	MEAN SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) SPEED (KTS)	RELATIVE HUMIDITY (%)	DEW POINT (°F)	VAPOR PRESSURE (in Hg)	99.95%	PRECIP ≥ 0.01 in	PRECIP ≥ 0.5 in	SNOWFALL ≥ 0.1 in	SNOWFALL ≥ 2.5 in	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F)					
																				IV	V		VI	VII	
JAN	90	84	75	69	4.5	4.7		ENE	9	46	85	72	.79	550	19	2			#	#	#	30	3		7
FEB	89	84	74	68	2.9	5.9		ENE	9	45	85	68	.71	550	16	1			#	#	0	28	3		8
MAR	93	85	75	66	2.2	1.8		E	9	39	84	66	.71	500	16	1			#	#	1	31	3		7
APR	93	86	76	68	3.6	5.8		E	10	82	85	67	.72	550	17	2			#	0	1	30	1		7
MAY	93	86	76	70	4.4	4.4		E	9	54	87	69	.73	550	19	2			#	0	2	31	1		7
JUN	95	87	77	70	4.8	3.2		E	8	43	88	71	.74	500	21	3			1	0	3	30	1		7
JUL	95	87	76	70	9.3	2.9		ESE	6	51	89	74	.75	600	24	6			3	0	3	31	1		8
AUG	92	87	76	70	12.0	5.7		ESE	6	57	89	75	.75	600	24	7			4	0	2	31	1		9
SEP	92	86	76	70	14.3	9.3		ESE	5	54	90	77	.75	600	25	9			5	0	2	30	1		9
OCT	93	86	76	67	12.9	15.5		E	6	52	89	75	.75	650	24	7			3	#	3	31	1		8
NOV	92	86	76	68	8.8	4.0		E	8	84	87	73	.74	650	23	5			1	0	2	30	1		7
DEC	90	85	76	68	5.1	3.2		E	9	67	85	72	.73	550	22	2			#	0	#	31	2		7
ANN	95	86	76	66	84.8	15.5	0 0	E	8	84	87	72	.73	600	250	47	0 0	17	#	19	364	19	0	8	
EYR	24	22	22	22	22	24	22	24	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22

REMARKS: NUMBER OBSERVED WITHIN: JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN
(POR: 1949-1969) 60 NM 1/0 0/0 0/0 1/1 0/0 2/1 4/2 4/3 6/1 6/1 6/4 2/1 32/14
(A) TYPHOONS/TROPICAL STORMS 120 NM 2/0 1/1 1/0 2/2 0/0 3/1 6/3 7/4 13/5 11/3 9/6 2/1 57/26
(B) TYPHOONS/ONLY 240 NM 3/0 1/1 1/0 5/5 4/4 6/3 11/5 16/12 23/10 20/14 16/10 7/5 113/69
SMOS (NAVY) POR: 4901-7012. EXCEPTS INCLUDED FROM RUSSEW, POR: 4509-6707B.

NOTE: *DATA NOT AVAILABLE. †LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	17	16	12	15	15	13	14	14	16	15	16	15	15	
	03-05	17	17	14	14	14	15	16	16	18	16	17	17	16	
	06-08	20	18	15	14	15	13	15	16	18	15	19	17	16	
	09-11	28	26	31	33	35	33	34	31	31	29	30	27	31	
	12-14	38	36	37	37	38	38	40	38	42	39	39	35	38	
	15-17	30	29	27	27	29	27	30	29	31	27	24	25	28	
	18-20	17	15	14	14	13	13	15	15	17	14	15	13	15	
	21-23	16	15	11	12	12	13	13	14	16	14	15	14	14	
ALL HOURS		23	22	20	21	21	21	22	22	24	21	22	20	22	22
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	7	6	3	5	5	5	8	7	11	9	9	7	7	
	03-05	7	7	5	6	5	6	8	8	11	10	9	9	8	
	06-08	9	8	6	6	5	6	7	10	12	10	11	8	8	
	09-11	11	9	8	7	7	9	11	12	14	15	12	11	11	
	12-14	13	10	8	7	8	10	14	15	19	18	14	12	12	
	15-17	11	9	6	6	6	7	12	12	15	14	11	9	10	
	18-20	8	7	5	6	5	4	7	8	9	8	8	6	7	
	21-23	6	5	4	5	4	5	7	6	10	8	9	6	6	
ALL HOURS		9	8	6	6	5	7	9	10	12	11	10	9	9	22
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	1	1	0	1	#	#	1	1	1	2	1	1	1	
	03-05	1	1	#	1	#	1	1	1	2	1	1	1	1	
	06-08	1	1	#	1	1	1	1	2	2	2	1	1	1	
	09-11	1	1	1	1	#	1	1	1	2	2	2	1	1	
	12-14	2	1	#	1	1	1	2	2	2	2	1	1	1	
	15-17	2	1	#	1	1	1	2	2	2	2	2	1	1	
	18-20	1	1	#	1	1	#	2	2	2	2	1	1	1	
	21-23	1	#	#	1	1	#	1	1	1	1	1	1	1	
ALL HOURS		1	1	#	1	1	1	1	2	2	2	1	1	1	22
CIG less than 200 feet and/or VSBY less than 1/2 mile	00-02	0	0	0	0	0	0	0	0	0	0	0	0	0	
	03-05	0	0	0	#	0	0	0	#	0	#	0	0	#	
	06-08	0	0	0	0	0	0	0	#	#	#	0	0	#	
	09-11	#	0	0	#	0	0	0	0	#	#	0	0	#	
	12-14	0	0	0	0	#	0	0	0	#	#	0	#	#	
	15-17	0	0	0	0	0	0	#	#	#	#	0	#	#	
	18-20	0	0	0	0	0	0	0	0	#	#	0	#	#	
	21-23	0	0	0	0	0	0	0	0	#	0	#	0	#	
ALL HOURS		#	0	0	#	#	0	#	#	#	#	#	#	#	22

A W S CLIMATIC BRIEF September 1988 (see note)	Station Name: ANDERSEN AFB GUAM Latitude/Longitude: N13 35 E144 56 Hourly Obs POR: Jan 78 to Dec 87 Summary of Day POR: May 48 to Dec 87 LST = GMT +10	Field Elev: 612 ft Station MSC: PGUA Call Sign: 912180 Supersedes: Jun 1988
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	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
XTRM MAX TEMP °F	87	89	87	91	94	91	90	91	91	91	90	90	94	40
MEAN MAX TEMP °F	82	82	82	83	84	85	84	84	84	84	84	83	83	40
MEAN TEMP °F	79	79	79	80	81	81	81	80	80	81	81	80	80	40
MEAN MIN TEMP °F	75	75	75	76	77	77	77	76	76	77	77	76	76	40
XTRM MIN TEMP °F	66	69	69	69	66	69	70	70	71	71	69e	68	66	40
D/W TEMP > 90°F	0	0	0	#	#	#	#	#	#	#	#	#	#	40
D/W TEMP > 85°F	2	1	3	7	13	15	14	14	13	14	10	4	110	40
D/W TEMP < 75°F	10	11	9	5	2	2	5	6	7	5	3	4	69	40
D/W TEMP < 70°F	#	#	#	#	#	#	0	0	0	0	#	#	#	40
VAPOR PRESS "Hg	.74	.74	.76	.79	.85	.85	.85	.85	.85	.88	.88	.82	.82	10
MEAN DEWPOINT °F	70	70	71	72	74	74	74	74	74	75	75	73	73	10
99.95% WCPA Ft	850	850	800	800	850	850	900	950	950	1000	900	900	900	10
MEAN RH 07 LST %	79	79	79	79	80	82	84	85	83	84	83	83	82	10
MEAN RH 13 LST %	72	72	72	71	73	75	76	77	76	77	78	77	75	10
MAX 24HR PRECIP "	6.2	10.5	3.3	9.0	22.6	5.0	5.8	7.1	6.1	18.3	4.9	6.6	22.6	40
MAX PRECIP "	17.3	17.5	14.7	24.0	35.2	17.9	15.9	26.3	26.1	37.1	19.2	16.9	151.8	40
MEAN PRECIP "	5.0	4.7	3.7	4.0	5.8	5.6	9.8	13.0	13.3	13.1	8.8	6.0	92.8	40
MIN PRECIP "	1.1	.7	.3	.4	.8	.5	3.0	4.4	4.0	4.1	2.4	1.2	56.8	40
D/W PRECIP > .01"	19	16	17	17	18	21	23	24	23	24	23	21	246	40
D/W PRECIP > .5"	2	2	2	2	2	3	6	8	8	7	5	3	50	40
MAX 24HR SNFL "	0	0	0	0	0	0	0	0	0	0	0	0	0	40
MAX SNFL "	0	0	0	0	0	0	0	0	0	0	0	0	0	40
MEAN SNFL "	0	0	0	0	0	0	0	0	0	0	0	0	0	40
D/W SNFL > .1"	0	0	0	0	0	0	0	0	0	0	0	0	0	40
D/W SNFL > 1.5"	0	0	0	0	0	0	0	0	0	0	0	0	0	40
MEAN WND DRCTN	E	E	ENE	E	E	E	E	E	E	E	E	E	E	10
MEAN WND SPD Kts	8	9	9	8	7	7	6	6	6	7	8	9	8	10
MAX WND SPD** Kts	55	46	45	80	113	49	46	57	49	67	115e	61	115e	28
MEAN CLD CVR 10th	7	7	6	6	6	7	8	9	8	8	7	7	7	10
D/W TSTORMS	#	#	#	#	1	1	4	4	5	4	2	#	21	40
D/W FOG VSBY <7mi	5	4	4	3	3	2	3	4	3	3	3	4	41	40

Legend: ANN = Annual YOR = Years of record POR = Period of record
 D/W = Mean number of days with... WCPA = "Worst case" (maximum) pressure altitude
 @ = Based on less than full months # = Less than 0.5 day, 0.05 inch, or 0.5%, as applicable.
 ** = Instantaneous peak winds
 * = Data not available \$ = Percentage of calm winds > mean direction

REMARKS: Typhoons/tropical storms observed (1954-1986):

	JAN	FEB	MAR	APR	MAY	JUN	
Within 60NM	0/1	0/0	0/0	1/0	1/0	1/0	
Within 120NM	0/1	0/0	0/1	3/1	1/1	2/7	
Within 240NM	0/3	0/0	0/1	6/3	6/1	6/9	
	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Within 60NM	0/1	0/3	3/6	1/6	6/3	1/1	14/21
Within 120NM	4/5	0/6	5/11	8/9	10/8	2/3	35/53
Within 240NM	7/14	11/19	15/19	23/24	17/17	6/5	96/115

NOTE: Updated in September 1988 to include new typhoon/tropical storm data.

A W P
CLIMATIC BRIEF
September 1988

Station Name: ANDERSEN AFB GUAM
Latitude/Longitude: N13 35 E144 56
Hourly Obs POR: Jan 78 to Dec 87
Summary of Day POR: May 48 to Dec 87
LST = GMT +10

Field Elev: 612 ft
Station MSC: PGUA
Call Sign: 912180

Supersedes: Jun 1988

PERCENT OCCURRENCE FREQUENCY OF CEILING/VISIBILITY

	LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG/VSBY	00-02	6	6	5	4	5	2	4	3	5	5	2	7	5	
	03-05	5	8	5	4	6	3	3	5	5	4	3	6	5	
	06-08	7	9	6	3	6	3	4	5	5	5	6	6	5	
	09-11	5	8	4	4	6	3	3	5	6	5	4	5	5	
	12-14	4	8	3	3	5	3	5	6	7	5	3	6	5	
LESS THAN	15-17	4	8	3	3	5	3	6	5	5	4	4	7	5	
	18-20	4	7	4	3	4	2	5	4	5	4	5	5	4	
3000/3	21-23	4	6	3	3	4	3	4	3	5	4	5	5	4	
	00-24	5	8	4	3	5	3	4	5	5	5	4	6	5	10
CIG/VSBY	00-02	4	4	2	3	3	2	1	2	3	4	1	4	3	
	03-05	4	5	2	3	4	2	2	3	3	3	2	3	3	
	06-08	5	5	4	2	5	2	3	3	4	3	3	4	4	
	09-11	3	4	2	3	4	2	3	4	4	3	2	3	3	
	12-14	3	4	2	2	3	2	3	4	4	3	2	4	3	
LESS THAN	15-17	3	5	3	2	3	3	3	4	3	4	2	4	3	
	18-20	3	4	2	3	3	2	3	3	3	3	3	3	3	
1500/3	21-23	3	3	2	2	3	2	2	2	3	3	3	3	3	
	00-24	4	4	2	3	4	2	3	3	3	3	2	4	3	10
CIG/VSBY	00-02	1	2	1	1	2	1	#	#	1	1	#	1	1	
	03-05	1	3	1	0	2	#	#	1	1	1	#	1	1	
	06-08	1	3	2	#	2	1	1	#	1	2	1	1	1	
	09-11	1	1	1	1	1	1	1	1	1	1	1	1	1	
	12-14	2	2	#	1	1	1	1	1	1	1	1	1	1	
LESS THAN	15-17	1	2	1	1	1	1	1	1	#	1	1	1	1	
	18-20	2	1	1	1	1	1	1	1	1	1	1	#	1	
1000/2	21-23	1	1	#	#	1	1	#	#	1	1	1	#	1	
	00-24	1	2	1	1	1	1	1	1	1	1	1	1	1	10
CIG/VSBY	00-02	0	0	0	0	0	0	0	0	0	0	#	0	#	
	03-05	#	0	0	0	0	0	0	0	0	#	0	0	#	
	06-08	0	#	0	#	0	0	#	0	#	0	0	0	#	
	09-11	0	#	0	0	0	0	#	#	0	#	0	0	#	
	12-14	0	0	0	0	#	0	#	0	0	0	0	0	#	
LESS THAN	15-17	0	0	0	0	#	0	0	0	0	0	0	#	#	
	18-20	#	0	0	0	0	0	0	0	#	0	#	0	#	
200/1/2	21-23	0	#	#	0	0	0	0	0	#	0	0	0	#	
	00-24	#	#	#	#	#	0	#	#	#	#	#	#	#	10

MONTH	TEMPERATURE (°F)			PRECIPITATION (in)		WIND (KT)		MEAN							MEAN NUMBER OF DAYS													
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) SPEED (GUST)	RELATIVE HUMIDITY (%)		DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE	99-95%	PRECIPZ 0.01	PRECIPZ 0.5	SNOWFALLZ 0.1	SNOWFALLZ 1.5	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F)				MEAN CLOUDS (TENTHS)
												0400	1300											N	N	N	N	
JAN	84	78	66	50	4.6	5.3	0	0	NE	8	60	83	65	63	.58	350	9	2	0	0	1	0	0	10	28	4	5	
FEB	86	78	65	55	2.2	4.6	0	0	NE	8	51	82	64	62	.56	250	7	1	0	0	1	0	0	9	26	3	5	
MAR	85	79	66	54	2.9	10.5	0	0	NE	8	51	82	62	63	.58	200	6	1	0	0	1	0	0	14	29	2	5	
APR	86	80	68	56	1.3	3.0	0	0	NE	9	39	81	61	63	.58	150	6	1	0	0	1	0	0	17	25	1	5	
MAY	91	81	69	62	0.7	1.9	0	0	NE	8	38	81	61	65	.62	100	4	#	0	0	1	#	0	26	19	0	5	
JUN	90	83	71	63	0.2	1.0	0	0	NE	9	39	80	60	66	.64	100	3	#	0	0	#	0	#	29	11	0	5	
JUL	90	84	72	66	0.4	1.2	0	0	NE	9	37	80	60	67	.67	100	5	#	0	0	#	0	#	31	7	0	5	
AUG	91	85	73	65	0.4	1.9	0	0	NE	9	45	80	59	67	.67	100	4	#	0	0	#	0	#	31	6	0	5	
SEP	91	85	72	63	0.4	1.4	0	0	NE	8	42	80	60	67	.67	150	4	#	0	0	#	0	#	30	8	0	4	
OCT	91	84	71	61	1.4	4.0	0	0	NE	8	36	81	62	67	.67	200	6	1	0	0	1	#	#	30	11	0	5	
NOV	89	82	70	57	2.6	7.0	0	0	NE	8	47	81	63	66	.64	200	7	1	0	0	1	#	0	25	17	#	5	
DEC	88	79	67	55	3.1	4.0	0	0	NE	8	45	82	65	64	.60	250	8	2	0	0	1	#	0	14	25	2	5	
ANN	91	81	69	50	20.2	10.5	0	0	NE	8	60	81	62	65	.62	200	69	9	0	0	8	#	#	266	212	12	5	
EYR	22	22	22	22	22	22	14	14	22	22	22	22	22	22	22	22	22	22	14	14	22	22	22	22	22	22	22	

REMARKS: NUMBER OBSERVED WITHIN: AUG SEP DEC ANN
 (POR: 1950-1970) 60 NM A/B A/B A/B A/B
 (A) HURRICANES/TROPICAL STORMS 120 NM 2/1 0/0 0/0 2/1
 (B) HURRICANES ONLY 240 NM 3/2 1/1 0/0 4/3
 SMOS (NAVY) POR: HRLY AND DAILY OBS: 4901-7012.

NOTE: #DATA NOT AVAILABLE. \$LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	6	5	5	2	2	1	2	2	1	3	5	5	3	
	03-05	7	5	5	3	2	1	1	2	1	3	4	5	3	
	06-08	8	5	6	3	2	3	4	3	2	3	5	6	4	
	09-11	8	7	6	4	3	3	5	5	2	5	5	7	5	
	12-14	9	7	5	5	5	5	7	6	3	6	7	8	6	
	15-17	9	7	7	6	5	4	5	3	4	6	7	9	6	
	18-20	8	6	5	5	5	4	3	3	5	6	7	5	5	
	21-23	6	4	3	2	2	2	2	2	1	3	5	5	3	
ALL HOURS		7	6	5	4	3	3	3	3	2	4	5	6		
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	1	1	1	#	0	#	0	0	0	#	#	1	#	
	03-05	1	1	1	#	0	#	0	0	#	#	#	1	#	
	06-08	1	1	1	#	#	#	0	#	#	#	1	1	1	
	09-11	1	2	1	1	#	#	#	#	#	1	1	1	1	
	12-14	2	1	1	#	#	#	#	0	1	1	2	1	1	
	15-17	2	1	1	#	1	#	0	0	#	1	1	2	1	
	18-20	1	1	1	#	#	#	#	0	1	1	2	1	1	
	21-23	1	1	1	#	#	#	0	0	0	1	1	1	#	
ALL HOURS		1	1	1	#	#	#	#	#	1	1	1	#	22	
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	#	#	1	0	0	0	0	0	0	#	#	1	#	
	03-05	1	#	#	0	0	0	0	0	0	#	#	#	#	
	06-08	1	#	1	0	#	0	0	#	0	#	#	#	#	
	09-11	1	1	1	#	#	0	#	#	0	#	#	1	#	
	12-14	1	1	1	#	0	0	#	0	0	#	#	1	#	
	15-17	1	1	#	#	#	0	0	0	0	#	1	1	#	
	18-20	#	1	#	#	#	#	0	#	0	#	#	1	#	
	21-23	#	#	#	0	0	0	0	0	0	#	#	1	#	
ALL HOURS		1	#	#	#	#	#	#	0	#	#	1	#	22	
CIG less than 200 feet and/or VSBY less than 1/2 mile	00-02	0	0	0	0	0	0	0	0	0	0	0	0	0	
	03-05	0	0	0	0	0	0	0	0	0	0	0	0	0	
	06-08	0	0	0	0	0	0	0	0	0	0	0	0	0	
	09-11	#	0	0	0	0	0	0	0	0	0	0	0	#	
	12-14	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15-17	#	0	0	0	0	0	0	0	0	0	0	0	#	
	18-20	#	0	0	0	0	0	0	0	0	0	0	0	#	
	21-23	0	0	0	0	0	0	0	0	0	0	0	0	0	
ALL HOURS		#	0	0	0	0	0	0	0	0	0	0	0	#	

AWS CLIMATIC BRIEF

CHRISTMAS I/CASADY FLD, LINE I GROUP, PERIOD: 1941-68
 NORTH PACIFIC H 01 59 W 157 22 FIELD ELEVATION: 5 FT

MEAN # 20501
 WMO # 91489
 STN LTRS: FLCH

Prepared by ETAC (FEB 1972)

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN					MEAN NUMBER OF DAYS							MEAN CLOUDS (TENTHS)								
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL IN 24 HOURS	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME SPEED (MAXIMUM)	0400 RELATIVE HUMIDITY (%)	1300	DEW POINT (°F)	VAPOR PRESSURE (in)	PRESSURE ALTITUDE	99.9%	PRECIP 2 0.01	PRECIP 2 0.5	SNOWFALL		SNOWFALL	THUNDERSTORMS	FOG	TEMPERATURE (°F)				
																									MAXIMUM		MINIMUM		
																									7	9	5	3	
JAN	89	84	75	66	0.8	1.5			E 10	23	84	69	70	78	300			6	1				0	0	0	30	#	0	5
FEB	91	85	75	70	1.2	1.8			E 9	22	87	70	73	81	300			9	#				0	0	1	26	0	0	6
MAR	93	86	76	70	2.6	1.8			E 10	24	88	71	74	84	300			12	1				0	0	3	29	0	0	5
APR	93	86	76	70	7.8	7.5			E 9	27	89	74	75	87	250			19	4				1	0	4	30	0	0	6
MAY	93	87	76	71	3.3	3.8			E 8	26	88	71	74	84	250			11	2				0	0	2	31	0	0	5
JUN	91	87	76	68	2.8	3.8			E 8	29	87	71	74	84	250			10	2				1	0	2	30	#	0	5
JUL	91	86	76	70	1.9	2.6			E 8	20	85	69	73	81	250			7	2				0	0	1	29	0	0	5
AUG	91	86	76	70	0.5	0.8			E 9	26	82	67	72	78	300			5	#				0	0	2	31	0	0	4
SEP	92	86	76	68	0.2	0.4			E 8	22	81	65	71	76	250			3	0				0	0	2	30	#	0	4
OCT	93	86	75	68	0.2	0.2			E 9	30	82	66	71	76	250			3	0				0	0	2	26	#	0	4
NOV	93	86	75	66	0.1	0.5			E 9	24	80	66	71	76	300			2	0				0	0	1	29	#	0	4
DEC	91	85	75	68	0.4	1.8			E 10	23	82	67	71	76	300			3	0				0	0	1	31	#	0	4
ANN	93	86	76	66	21.9	7.5	*	*	E 9	30	85	69	73	81	250			90	12	*	*	2	0	21	352	#	0	5	
EYR	10	10	10	10	10	10			13	13	13	7	13	7	7	10			10	7			7	7	7	7	7	7	13

REMARKS:

USSHO POR: 4111-4810, 6203-6207, XCP 4603. N SUMRY POR: 5102-5612 14:00 Hours, 5408-5612 20:00 Hours.

NOTE: *DATA NOT AVAILABLE. #LESS THAN 0.5 DAY, 0.5-OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
LOW CLOUD AMOUNT 7/10 thru 10/10 WITH LOW CLOUD HEIGHT less than 3000 feet and/or VSBY less than 2 1/2 miles	1400	21	14	25	29	18	23	13	15	14	18	21	21	19	5
	2000	16	11	11	13	5	12	5	10	6	8	7	9	9	2
	MEAN OF LISTED HOURS	19	13	18	21	12	18	9	13	10	13	14	15	14	
LOW CLOUD AMOUNT 7/10 thru 10/10 WITH LOW CLOUD HEIGHT less than 2000 feet and/or VSBY less than 2 1/2 miles	1400	9	4	10	16	8	7	6	6	31	9	6	5	10	5
	2000	16	11	11	13	5	10	5	8	6	8	7	9	9	2
	MEAN OF LISTED HOURS	13	8	11	15	7	9	6	7	19	9	7	7	10	
LOW CLOUD AMOUNT 7/10 thru 10/10 WITH LOW CLOUD HEIGHT less than 1000 feet and/or VSBY less than 2 1/2 miles	1400	2	2	2	1	1	1	0	1	0	3	1	2	1	5
	2000	0	2	2	2	0	0	0	1	0	0	0	0	1	2
	MEAN OF LISTED HOURS	1	2	2	2	1	1	0	1	0	2	1	1	1	
LOW CLOUD AMOUNT 7/10 thru 10/10 WITH LOW CLOUD HEIGHT equal to or less than 300 feet and/or VSBY less than 5/8 miles	1400	1	0	1	0	0	0	0	0	0	0	0	1	#	5
	2000	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	MEAN OF LISTED HOURS	1	0	1	0	0	0	0	0	0	0	0	1	#	

AWS CLIMATIC BRIEF

M O N T H	TEMPERATURE (°F)						PRECIPITATION (IN)			SHOWFALL (IN)			RELATIVE HUMIDITY (%)	WIND VELOCITY (MPH)	DEW PT (°F)	P AL T I T U D E (FT)	SURFACE WINDS		MEAN NUMBER OF DAYS OCCURRENCE OF:	TEMPERATURE (°F)											
	MEAN		EXTREME		MONTHLY			MONTHLY			PRECIP (IN)	SHOWFALL (IN)					TEMP (°F)	MAX		MIN											
	DAILY	NON-THTLY	MAX	MIN	MEAN	MAX	MIN	MAX	MIN	MAX		MIN									IV	IV	IV	IV							
	MAX	MIN						24 HRS		24 HRS		0.01					0.5	0.1		1.5	7MI	IV	IV	IV	IV						
JAN	88	77	82	88	71	1.2	3.8	0.1	1.0	0	0	0	78	69	72	300	E	16	32	6	12	0	0	0	0	0	0	0	0	0	0

REMARKS: MISSWO FOR:
 HRLY OBS: JUL 45-MAR 47, JUN 49-JUN 72
 AND (11-18 OBS: AUG 46-MAR 47, 10-12 OBS: DEC 56-FEB 57,
 DAILY OBS: 8-12 OBS: NOV 59-SEP 60, 8 OBS: JAN 65-JUN 72)

NOTE * DATA NOT AVAILABLE † LESS THAN 0.5 DAY, 0.3 OR 0.03 INCH, OR 0.5 PERCENT AS APPLICABLE ** INSTANTANEOUS PEAK WINDS

CAV FREQ (%)	HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EVR
		00-02	03-05	06-08	09-11	12-14	15-17	18-20	21-23	ALL HRS					
CEILING LESS THAN 3000 FT AND/OR VISIBILITY LESS THAN 3 MI	00-02	8	8	6	6	6	8	8	8	7	10	9	9	8	8
	03-05	8	9	8	8	8	9	9	10	9	10	9	11	9	8
	06-08	9	9	10	10	10	9	9	9	8	10	10	10	9	8
	09-11	8	7	7	7	10	6	7	8	5	9	6	8	8	8
	12-14	8	8	8	6	6	8	8	8	8	10	9	9	8	8
	15-17	8	7	7	6	8	9	8	7	8	11	8	7	8	8
	18-20	7	7	8	8	7	7	8	8	7	10	9	8	8	8
	21-23	8	7	7	7	7	6	8	8	7	7	8	8	8	7
	ALL HRS	8	8	8	7	6	8	8	8	7	10	9	9	8	20

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: FANNING ISLAND, LN
 LOCATION: 354N 15923W
 PREPARED BY: USAFETAC/ECO, MAR 1989

STATION #: 914870
 ELEVATION (FEET): 10
 PERIOD: 7301-8612

ICAO: PLFA
 LST = GMT -10

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (°F)														
EXTREME MAX	1φ	98	90	90	90	87	101	98	98	98	101	105	101	105
MEAN DAILY MAX	1φ	81	81	81	82	82	83	82	82	83	83	82	81	82
MEAN	1φ	82	82	82	82	82	83	83	83	83	83	83	83	83
MEAN DAILY MIN	1φ	79	78	79	79	79	79	79	79	79	79	79	79	79
EXTREME MIN	1φ	68	68	71	75	67	61	68	68	63	61	67	63	61
# DAYS GE 90	1φ	2	#	#	#	0	2	1	1	1	1	2	3	13
# DAYS LE 32	1φ	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS LE 0	1φ	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)														
MAXIMUM	3	32.2	24.8	32.7	53.0	29.0	18.9	24.0	16.4	10.9	14.1	9.3	36.0	207.8
MEAN	2	10.1	10.0	10.1	13.1	12.1	10.4	8.1	4.8	3.3	3.9	3.1	7.3	96.3
MINIMUM	3	0.0	0.2	0.6	3.0	3.0	2.5	1.2	0.7	0.0	0.0	0.2	0.0	47.4
MAX 24 HR	3	6.0	7.0	7.7	7.7	6.0	3.6	9.0	4.0	3.1	2.7	2.5	4.0	9.0
# DAYS GE 0.004	1φ	12	13	16	17	16	13	11	9	8	9	9	11	144
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1φ	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)														
RH (2 LST)	1φ	88	88	89	89	88	87	86	84	84	85	84	87	86
RH (14 LST)	1φ	75	76	78	78	76	73	70	68	67	69	70	72	73
VAPOR PRESS	1φ	.87	.87	.90	.92	.89	.89	.87	.85	.85	.86	.87	.87	.88
DEWPOINT	1φ	74	74	75	76	75	75	74	73	73	74	74	74	74
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1φ	E	E	E	E	E	E	E	E	E	E	E	E	E
MEAN SPEED														
(PVLG DRCTN)	1φ	11	11	11	11	9	10	10	10	11	11	11	11	11
MEAN SPEED														
(ALL OBS)	1φ	11	10	10	11	8	9	9	9	9	9	10	10	10
MAX PEAK GUST		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1φ	380	210	230	240	260	220	230	220	310	410	420	370	420
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1φ	5	5	5	5	5	5	5	4	4	4	5	5	5
DAYS TSTMS	1φ	0	0	#	0	0	0	0	0	0	0	0	#	#
DAYS FOG LT 7	1φ	0	0	0	0	0	#	0	0	0	0	0	#	#
DAYS BNBD LT 7	1φ	0	0	0	0	0	0	0	0	0	0	0	0	0

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM GT PVLGN DRCTN
 ‡ = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YI

- SOURCE(S): 1. USAFETAC DATSAV SURFACE DATA JAN 73-DEC 86, SIX HOURLY
 2. WERNSTEDT, F.L.: WORLD CLIMATIC DATA, POR 35 YR
 3. DATA SOURCES IN THE AWS TECHNICAL LIBRARY, POR APPROX. 15-27 YR

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	13	7	7	8	10	9	7	6	2	3	7	8	7
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	12	6	12	13	8	9	7	6	4	8	10	8	9
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	9	5	6	11	14	8	6	1	5	5	6	4	7
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	7	12	5	10	9	6	6	4	7	3	6	5	7
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	7	7	8	10	8	7	6	2	3	7	5	7
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	9	6	10	13	8	7	5	5	4	6	9	6	7
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	7	5	6	11	14	8	5	1	5	5	6	4	6
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	6	12	4	8	8	6	6	4	6	2	6	5	6
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	5	5	5	5	4	6	3	1	1	5	4	4
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	4	2	3	4	3	5	1	3	1	2	5	1	3
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	3	2	2	4	7	5	2	1	2	1	2	2	3
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	3	7	3	4	4	3	1	3	3	0	2	3	3
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	1	1	1	1	0	2	1	0	0	3	1	1
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	2	0	1	2	0	0	1	0	1	0	1	1
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	0	1	1	1	1	1	2	0	0	#	0	0	#
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	1	0	#	1	#	#	0	1	0	0	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: FANNING ISLAND, LN
 LOCATION: 354N 15923W
 PREPARED BY: USAFETAC/ECO, MAR 1989

STATION #: 914870
 ELEVATION (FEET): 10
 PERIOD: 7301-8612

ICAO: PLFA
 LST = GMT -10

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	0	0	1	0	0	0	0	0	0	0	0	1	#
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	1	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	12	15	8	14	13	8	8	3	1	5	9	10	6
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	10	13	14	19	13	16	10	7	7	8	6	7	8
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	11	8	11	10	17	6	4	3	4	4	4	5	5
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	8	14	11	16	15	11	9	3	7	3	8	10	7
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	0	1	1	1	0	1	1	0	2	1	1
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	2	0	1	1	0	0	1	1	0	2	1	1
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	1	1	1	3	2	0	1	0	1	1	1	2	1
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	0	1	#	1	#	#	#	#	1	2	1	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 † = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, SIX HOURLY
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	7	5	5	5	5	4	6	3	1	1	5	4	4
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	4	2	3	4	3	5	1	3	1	2	5	1	3
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	3	2	2	4	7	5	2	1	2	1	2	2	3
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	3	7	3	4	4	3	1	3	3	0	2	3	3
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	2	3	1	2	1	5	2	1	1	4	1	2
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	3	2	2	1	3	3	0	2	0	1	2	1	2
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	3	1	2	1	1	2	2	1	1	1	1	1	1
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	#	3	1	#	2	2	1	2	2	0	2	1	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	4	2	1	1	2	1	5	1	1	0	3	1	2
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	1	2	1	1	3	0	0	2	0	1	1	1	1
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	1	1	1	1	1	1	2	0	1	1	1	1	1
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	2	#	#	1	1	#	1	1	0	#	#	1
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	1	0	0	0	2	0	#
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	1	0	0	0	0	0	0	1	#
09-11 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
12-14 LST	0	1	0	1	0	1	1	0	0	0	0	0	#
15-17 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
18-20 LST	0	1	0	0	0	#	0	0	#	0	0	0	#
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*

PREPARED BY: USAFETAC APRIL 1985

STATION NAME: WICKAM AFB MI LOCATION: N21 20 W157 57

PERIOD: JUN 39-DEC 83 ELEV: 13 FT

PHIK STN LTNS: MSC NO1: 911820

AWS CLIMATIC BRIEF

Table with columns for MONTH, TEMPERATURE (MEAN, EXTREME, DAILY), PRECIPITATION (MONTHLY, MAX 24 HRS), SHOWFALL (MONTHLY, MAX 24 HRS), RELATIVE HUMIDITY (LST, MEAN, MAX), WINDS (PVLG, SPEED), SURFACE WINDS (PVLG, SPEED), MEAN NUMBER OF DAYS OCCURRENCE OF (PRECIP, SNOWFALL, THUNDER, FOG), and TEMPERATURE (MAX, MIN).

REMARKS: RUSSHO POR: NUMBER OBSERVED WITHIN: A/B MAR JUL AUG SEP NOV ANN HOURLY OBS: JAN 74 - DEC 83 (1900-1982) 60NM 0/1 0/0 0/0 0/0 0/1 SUMMARY OF DAY DATA: JUN 39 - JUN 42, (A) Hurricanes 120NM 0/1 0/0 2/1 1/0 0/0 SEP 42 - DEC 83 (B) Tropical Storms 240NM 0/1 1/0 3/2 1/0 2/0 3/2 7/3

NOTE * DATA NOT AVAILABLE # AMTS < UNITS SHOWN IN HEADING ** INSTANTANEOUS PEAK WINDS % CALM GTR % PLVG DRCTN BASED ON < FULL MONTHS

Table with columns for CAV FREQ (%), HRS LST, MONTHS (JAN-DEC), INSTANTANEOUS PEAK WINDS (JUL-AUG), CALM GTR (%), PLVG DRCTN, and BASED ON FULL MONTHS. It includes data for various ceiling and visibility thresholds.

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: LANAI CITY AIRPORT, HI
 LOCATION: 2048N 15657W
 PREPARED BY: USAFETAC/ECO, APR 1989

STATION #: 911905
 ELEVATION (FEET): 1309
 PERIOD: 7301-8612

ICAO: LNY
 LST = GMT -10

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (°F)													
EXTREME MAX	1-2	83	82	85	87	84	85	88	87	87	85	85	88
MEAN DAILY MAX	1φ	73	74	74	75	76	78	79	80	76	79	77	76
MEAN	1φ	70	70	71	72	73	75	76	76	77	75	74	73
MEAN DAILY MIN	1φ	64	64	65	67	68	69	70	71	73	70	68	68
EXTREME MIN	1-2	48	49	51	49	52	50	59	58	56	52	52	48
# DAYS GE 90	1φ	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS LE 32	1φ	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS LE 0	1φ	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)													
MAXIMUM	2	16.8	8.3	21.6	13.0	10.9	2.4	7.5	3.6	8.9	7.0	16.5	12.3
MEAN	2	5.9	3.3	5.3	2.7	3.5	1.0	2.1	1.6	2.4	2.8	4.7	4.5
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR	2	6.7	3.5	7.8	2.6	5.3	1.4	2.1	1.8	4.3	5.0	11.3	5.4
# DAYS GE 0.1	2	7	7	7	5	6	3	4	4	4	5	5	7
# DAYS GE 0.5	2	3	2	3	2	2	0	1	1	1	1	2	2
3. SNOWFALL (INCHES)													
MEAN	2	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*
# DAYS SNOWFALL	1φ	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (°F)													
RH (6 LST)	1	90	90	88	88	89	89	90	89	89	88	88	87
RH (14 LST)	1	67	66	65	65	66	67	65	65	65	66	66	67
VAPOR PRESS	1φ	.58	.56	.56	.58	.61	.63	.64	.66	.67	.66	.63	.59
DEWPOINT	1φ	62	61	62	63	64	65	65	66	67	66	65	63
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN	1φ	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
MEAN SPEED													
(PVLG DRCTN)	1φ	14	13	14	13	13	13	13	13	12	13	13	14
MEAN SPEED													
(ALL OBS)	1φ	10	10	11	11	10	10	11	10	9	10	10	10
MAX PEAK GUST	1φ	50	40	48	40	30	36	35	35	27	32	42	45
PRESSURE ALT	1φ	1590	1640	1430	1360	1350	1330	1390	1330	1350	1380	1450	1480
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER	1φ	4	4	4	4	4	4	4	4	4	4	4	4
DAYS TSTMS	1φ	0	0	0	0	#	0	0	0	0	0	0	#
DAYS FOG LT 7	1φ	1	1	1	#	#	#	0	#	#	#	#	1
DAYS BNBD LT 7	1φ	0	0	0	0	0	0	0	0	0	0	0	0

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE
 \$ = % CALM-GT PVLGN DRCTN
 † = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, HOURLY 0600-1700 LST
 2. NOAA CLIMATOGRAPHY OF THE US, NO. 20, FOR 1951-1970, MEANS AND EXTREMES FOR LANAI CITY, 2050N, 15655W, ELEV 1620 FT

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	12	10	7	5	6	5	5	3	2	3	8	10	6
09-11 LST	16	13	10	10	13	12	11	9	10	7	7	13	11
12-14 LST	18	18	19	19	25	31	23	20	24	16	14	14	20
15-17 LST	17	16	14	21	21	23	17	15	21	19	16	14	18
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS LT 1500/3 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	11	7	6	3	5	3	3	2	#	2	6	9	5
09-11 LST	13	8	5	5	6	4	5	4	4	3	4	13	6
12-14 LST	11	10	8	5	8	8	5	8	4	5	4	12	7
15-17 LST	12	7	6	6	6	4	4	3	6	4	5	8	6
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*

9. % FREQ OF CIG/VIS LT 1000/2 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	10	7	5	3	4	1	1	1	#	2	4	8	4
09-11 LST	11	7	3	3	3	1	2	2	1	2	3	11	4
12-14 LST	8	6	4	3	4	2	3	1	1	2	2	10	4
15-17 LST	9	5	3	5	4	1	2	1	2	1	3	5	3
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*

10. % FREQ OF CIG/VIS LT 200/0.5 MI (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	2	3	1	1	#	0	0	#	#	0	1	1	1
09-11 LST	3	2	0	1	0	0	0	0	0	0	0	2	1
12-14 LST	2	2	1	0	#	0	0	0	0	#	0	1	1
15-17 LST	1	1	1	#	0	0	0	0	0	0	1	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: LANAI CITY AIRPORT, HI
 LOCATION: 2048N 15657W
 PREPARED BY: USAFETAC/ECO, MAR 1989

STATION #: 911905
 ELEVATION (FEET): 1309
 PERIOD: 7301-8612

ICAO: LNY
 LST = GMT -10

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	2	1	2	2	0	0	0	0	0	0	1	2	1
09-11 LST	1	1	0	1	1	0	#	#	#	1	1	2	1
12-14 LST	1	2	2	2	1	#	0	0	1	1	2	1	1
15-17 LST	1	2	3	2	1	1	#	0	1	#	2	1	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	4	2	2	2	1	1	#	1	#	2	3	3	2
09-11 LST	4	5	8	4	2	2	2	1	#	3	4	5	3
12-14 LST	6	8	11	7	4	4	6	6	2	3	7	7	6
15-17 LST	8	8	13	12	8	7	13	7	2	3	8	8	8
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 † = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV SURFACE JAN 73-DEC 86, HOURLY 0600-1700 LST
 2.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	8	5	5	2	2	0	#	1	#	1	4	6	3
09-11 LST	9	6	3	2	1	#	1	#	1	1	1	7	3
12-14 LST	6	4	3	2	1	#	0	0	0	2	1	6	2
15-17 LST	6	4	3	2	1	0	0	0	#	1	2	4	2
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	5	4	3	2	1	0	0	#	#	#	3	3	2
09-11 LST	4	4	1	2	1	#	0	0	0	1	1	5	1
12-14 LST	4	3	1	1	#	#	0	0	0	1	1	4	1
15-17 LST	4	2	2	1	1	0	0	0	0	0	1	2	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	3	3	2	2	1	0	0	#	#	0	2	3	1
09-11 LST	4	3	0	1	0	0	0	0	0	0	#	3	1
12-14 LST	3	2	1	0	#	0	0	0	0	#	0	2	1
15-17 LST	2	2	2	#	#	0	0	0	0	0	1	1	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
03-05 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
06-08 LST	2	3	1	1	#	0	0	0	#	0	1	1	1
09-11 LST	2	2	0	1	0	0	0	0	0	0	0	2	1
12-14 LST	1	2	1	0	#	0	0	0	0	0	0	1	1
15-17 LST	1	1	1	#	0	0	0	0	0	0	1	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	*	*	*	*	*	*	*	*	*	*	*	*	*

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN					MEAN NUMBER OF DAYS										MEAN CLOUDS (TENTHS)					
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) SPEED (GUST)	RELATIVE HUMIDITY (%)	1300	DEW POINT (°F)	VAPOR PRESSURE (in)	PRESSURE ALTITUDE	MEAN NUMBER OF DAYS					TEMPERATURE (°F)								
																≥ 0.01 in	≥ 0.5 in	0.1 in	1.5 in	THUNDERSTORMS	FOG (< 7 MILES)	MAXIMUM	MINIMUM		≥ 7	≥ 5	≥ 3	≥ 1	
JAN	78	69	62	52	4.6	5.0		W	13	67	76	71	57	.47	650		16	3				1	1			0	31	10	6
FEB	76	69	62	53	3.9	3.1		W	13	61	78	71	57	.47	500		13	2				#	1			0	28	9	6
MAR	77	70	63	52	3.0	3.8		E	11	58	80	72	58	.49	350		12	2				#	1			0	30	8	7
APR	79	71	64	53	2.5	5.0		ENE	10	57	79	70	59	.50	200		10	1				#	1			0	29	5	7
MAY	84	74	67	60	2.0	6.8		E	9	42	81	71	63	.58	150		8	1				#	#		1	25	1	6	
JUN	85	79	72	62	3.0	7.3		E	9	47	85	74	69	.71	200		10	1				#	#		15	9	0	6	
JUL	88	81	74	67	3.6	3.0		E	10	56	83	73	70	.74	100		15	2				1	#		26	4	0	6	
AUG	89	82	75	67	4.0	4.6		E	9	41	82	72	71	.76	100		14	2				1	#		29	2	0	5	
SEP	89	82	75	67	3.6	4.4		E	8	51	80	70	70	.74	200		14	2				1	#		26	2	0	5	
OCT	87	79	72	60	4.1	7.0		E	10	63	79	70	67	.67	250		14	2				1	#		16	9	#	6	
NOV	84	75	69	54	3.8	6.2		E	11	60	79	72	64	.60	350		14	2				#	#		4	20	1	6	
DEC	79	72	65	53	4.1	3.9		E	12	77	78	72	61	.54	550		16	2				#	#		0	29	4	6	
ANN	89	75	68	52	4.2	7.3	0	0	E	10	77	80	72	64	.60	350	156	22	0	0	5	4	0	117	218	38	6		
EYR	23	23	23	23	23	23	17	17	23	23	23	23	23	23	20		23	23	17	17	23	23	23	23	23	23	23	20	

REMARKS: Sep Notable Extremes 1917-1925 (9 years) at N 28 13 W 177 21 Elev 19 ft.
 Number Observed Within: A/B Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Ann
 (POR: 1949-1969) 60 NM 0/0 Max Temp: 79 80 81 82 87 89 90 91 90 89 84 80 91
 (A) Typhoons/Tropical Storms 120 NM 0/0 Min Temp: 46 48 50 50 53 56 66 64 59 56 53 51 46
 (B) Typhoons Only 240 NM 2/2 24-Hr Max Peaps: 3.4 1.7 3.8 5.6 6.1 4.0 4.1 3.1 5.9 6.3 1.4 2.1 6.3
 ROSSHO POR: Hrly and Daily Obs: 4504-5005, 5009-6802. Includes Navy LCD Sept 1969.

NOTE: *DATA NOT AVAILABLE. ≤ LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	27	24	30	28	25	22	15	12	12	19	24	29	22	
	03-05	27	26	31	28	24	23	17	14	14	20	26	27	23	
	06-08	29	27	37	31	27	26	20	17	17	25	28	28	26	
	09-11	30	27	31	28	21	22	19	13	16	23	26	25	23	
	12-14	29	25	26	27	20	21	17	13	15	22	27	23	22	
	15-17	32	28	29	29	24	21	20	14	16	25	29	27	25	
	18-20	33	33	30	33	26	24	15	12	16	26	28	31	26	
	21-23	30	27	29	30	22	20	12	9	14	20	24	30	22	
	ALL HOURS	30	27	31	29	24	22	17	13	15	23	26	27	22	19
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	5	5	5	6	3	5	3	3	2	3	4	6	4	
	03-05	6	4	7	6	4	4	3	3	2	2	4	6	4	
	06-08	6	4	8	6	4	5	5	2	3	3	5	5	5	
	09-11	5	5	7	6	4	4	3	3	3	5	5	4	4	
	12-14	6	5	7	6	4	4	2	3	2	3	5	5	4	
	15-17	7	6	6	6	4	4	2	2	2	3	6	5	4	
	18-20	8	7	6	7	3	4	2	2	2	2	5	5	4	
	21-23	7	5	5	7	4	4	2	2	2	2	5	5	4	
	ALL HOURS	6	5	7	6	4	4	3	3	2	3	5	5	4	19
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	2	2	2	2	2	1	1	1	#	1	1	2	1	
	03-05	1	1	2	2	2	2	1	1	1	1	1	2	1	
	06-08	2	2	3	3	2	2	1	1	1	1	2	1	2	
	09-11	3	3	4	2	1	2	1	1	1	1	2	2	2	
	12-14	3	3	3	3	1	2	1	1	1	1	2	2	2	
	15-17	3	3	3	2	1	2	1	1	1	1	2	2	2	
	18-20	3	3	2	2	2	2	1	1	1	1	1	2	2	
	21-23	2	2	1	2	1	1	1	#	1	1	2	2	1	
	ALL HOURS	2	2	2	2	1	2	1	1	1	1	2	2	2	19
CIG less than 200 feet and/or VSBY less than 1/2 mile	00-02	#	#	0	#	#	#	#	0	#	0	0	0	#	
	03-05	#	0	0	0	#	0	0	0	0	0	0	#	#	
	06-08	#	0	#	#	#	#	0	#	#	#	#	0	#	
	09-11	#	#	#	#	0	#	0	0	0	#	#	#	#	
	12-14	#	0	#	#	0	#	#	0	0	#	0	#	#	
	15-17	#	#	0	#	0	#	#	0	0	0	0	0	#	
	18-20	#	#	#	0	0	#	0	0	0	0	0	0	#	
	21-23	#	0	0	0	0	0	0	0	0	0	#	0	#	
	ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#	19

PREPARED BY USAFETAC
JUNE 1974

STATION NAME WAKE IS IAP (PACIFIC IS)
LOCATION N19 17 E160 39

PERIOD JAN 40-JUN 72
ELEV 12

STN LTRS PWAK
WBAN NO.: 41006
WMO NO: 91243

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F)										PRECIPITATION (IN)			SHOWFALL (IN)		RELATIVE HUMIDITY (%)	WIND VELOCITY (KTS)	WIND DIRECTION	PRESSURE (IN)	WINDSPEED (KTS)	MEAN NUMBER OF DAYS OCCURRENCE OF											
	MEAN		EXTREME		MONTHLY			MAX 24 HRS	MONTHLY		MAX 24 HRS	PRECIP (IN)	SHOWFALL (IN)	T HURD (HRS)	FOG (HRS)						TEMPERATURE (°F)											
	DAILY	MON THLY	MAX	MIN	MEAN	MAX	MIN		MEAN	MAX											MAX	MIN	MAX	MIN	MAX							
	MAX	MIN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MEAN	MAX	MEAN	MAX	MIN	MAX						MIN	MAX										
JAN	82	73	77	87	63	1.1	2.3	0.1	1.3	0	0	0	75	65	47	67	230	ENE	12	43	5	10	0	0	0	0	0	0	27	3	0	
FEB	82	72	77	86	64	1.1	3.3	0.2	1.3	0	0	0	76	65	47	67	200	ENE	12	41	4	9	1	0	0	0	0	0	24	3	0	
MAR	83	73	78	89	67	1.7	6.1	0.4	2.3	0	0	0	79	67	49	68	200	ENE	12	38	4	12	1	0	0	0	0	0	29	2	0	
APR	83	74	79	91	66	2.1	6.2	0.3	2.2	0	0	0	79	68	51	69	150	ENE	13	39	3	14	1	0	0	0	0	0	29	1	0	
MAY	85	75	80	91	69	2.1	6.6	0.6	2.6	0	0	0	81	70	56	71	150	ENE	12	43	3	14	1	0	0	0	0	0	1	21	0	0
JUN	87	77	82	92	71	2.4	5.3	0.9	2.7	0	0	0	81	70	62	73	150	E	10	36	3	15	1	0	0	0	0	1	30	0	0	
JUL	87	77	82	92	69	4.4	10.7	1.7	4.2	0	0	0	82	71	65	74	150	E	11	42	6	18	2	0	0	0	1	0	2	31	0	0
AUG	88	77	83	92	68	6.1	10.5	1.5	4.1	0	0	0	82	72	68	75	200	E	10	31	6	19	3	0	0	1	0	5	31	0	0	
SEP	87	78	83	92	70	5.6	17.1	1.4	6.2	0	0	0	82	72	68	75	250	ENE	10	116	6	18	3	0	0	1	0	5	30	0	0	
OCT	87	77	82	91	68	5.1	11.7	2.1	3.2	0	0	0	82	72	65	74	250	ENE	12	52	6	18	3	0	0	1	0	2	31	0	0	
NOV	85	76	81	90	65	3.0	8.5	0.3	4.3	0	0	0	79	71	79	72	200	ENE	13	46	5	14	1	0	0	0	0	0	30	0	0	
DEC	83	74	79	88	64	1.7	6.7	0.3	1.7	0	0	0	77	68	71	69	200	ENE	12	45	4	12	1	0	0	0	0	0	30	1	0	
ANN	85	75	80	92	64	26.4	19.3	1.1	6.2	0	0	0	80	69	76	71	200	ENE	12	116	5	173	18	0	0	5	0	14	253	10	0	
YR	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	15	23	23	23	23	23	23	23	23	23	23	

REMARKS: RUSSHO POR: (A) HURRICANES/TROPICAL STORMS JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN
HRLY OBS: JAN 40-DEC 47, (B) HURRICANES ONLY A/B A/B A/B A/B A/B A/B A/B A/B A/B A/B A/B A/B
AND NOV 44-JUN 72 (POR: 1949-1969) 60 NM
DAILY OBS: (5 OBS: JAN 65-JUN 72) NUMBER OBSERVED WITHIN 120 NM
250 NM

NOTE: * DATA NOT AVAILABLE * LESS THAN 0.5 DAY 0.3 OR 0.3 INCH OR 0.5 PERCENT AS APPLICABLE ** INSTANTANEOUS PEAK WINDS

CAT FREQ (%)	HRS LST												ANN	YR	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC			
00-02	8	9	8	9	8	6	7	8	9	9	7	10	8	8	8
03-05	9	9	10	11	11	6	10	10	7	9	9	8	8	8	8
06-08	10	9	12	12	10	7	9	9	9	10	8	10	7	9	10
09-11	9	8	9	11	8	8	8	7	8	9	9	9	9	9	9
12-14	8	8	9	12	7	9	7	6	8	9	9	9	9	9	9
15-17	9	10	10	12	9	7	6	8	11	9	9	10	9	9	9
18-20	10	9	10	12	8	7	5	7	6	9	9	9	9	9	9
21-23	7	8	8	10	7	6	5	7	8	8	7	8	8	8	7
ALL HRS	9	9	10	11	9	7	7	8	8	9	8	9	9	9	9

CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI	HRS LST												ANN	YR	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC			
00-02	1	0	1	1	0	0	1	0	1	1	0	1	1	1	1
03-05	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1
06-08	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1
09-11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12-14	1	1	0	0	0	1	0	1	1	1	1	1	1	1	1
15-17	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1
18-20	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1
21-23	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1
ALL HRS	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1

CEILING LESS THAN 300 FT AND/OR VISIBILITY LESS THAN 1/2 MI	HRS LST												ANN	YR	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC			
00-02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HRS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PREPARED BY: USAPETAC
APRIL 1980

STATION NAME: WHELEED APP MI
LOCATION: R21 29 158 02

PERIOD: APR 64-JUL 79
ELEV: 84C

STN LTRS: PMHI
WBAN NO.: 22508
WMO NO: 91170

AWS CLIMATIC BRIEF

MONTH	TEMPERATURE (°F)											PRECIPITATION (IN)			SHOWFALL (IN)			RELATIVE HUMIDITY (%)	WIND VELOCITY (MPH)	WIND DIRECTION	DEW POINT (°F)	SEA LEVEL PRESSURE (IN HG)	SEA LEVEL PRESSURE (FT)	SURFACE WINDS		MEAN NUMBER OF DAYS OCCURRENCE OF				TEMPERATURE (°F)			
	MEAN		EXTREME		MONTHLY			MONTHLY			PVG	SPDR	C CALM	PVG	S	T	F							I	M	MAX		MIN					
	DAILY	MON THLY	MAX	MIN	MEAN	MAX	MIN	MAX	MEAN	MAX																MAX	MEAN	MAX	MAX	MEAN	MAX	MAX	MEAN
	MAX	MIN						24 HRS			24 HRS			15 FT	10 FT	001	005							010	015	9C	8D	7A	6D				
JAN	70	63	65	62	52.8	9.0	18.3	.8	6.5	U	0	0	89	65	56	52	1150	S	5	68	6	18	3	0	0	2	30	7					
FEB	76	63	72	63	54	5.1	17.7	.8	4.5	G	0	0	93	64	54	51	1050	E	6	44	6	14	3	0	0	1	2	0	6	28	5		
MAR	77	64	72	64	54	4.2	15.2	.5	4.7	G	0	0	96	63	54	51	1000	E	6	33	7	16	2	0	0	1	2	0	4	31	3		
APR	79	65	72	65	57.8	4.1	13.5	1.1	7.4	G	0	0	91	62	56	52	1000	E	6	38	7	18	2	0	0	1	1	0	8	29	1		
MAY	80	64	73	65	63	2.8	7.7	.7	2.9	U	0	0	90	60	58	53	900	E	6	33	7	17	1	0	0	1	1	0	19	29	0		
JUN	81	66	75	66	62	1.5	3.6	.5	2.3	C	0	0	86	60	57	54	900	E	6	30	7	16	0	0	0	1	1	0	23	23	0		
JUL	83	67	78	69	64	1.9	4.0	.6	2.3	U	0	0	82	59	56	55	900	E	6	39	6	17	1	0	0	1	1	0	28	18	0		
AUG	83	69	77	70	64	1.5	4.2	.4	2.2	U	0	0	81	59	56	56	900	E	6	31	7	15	0	0	0	1	1	0	30	16	0		
SEP	84	69	75	68	63	2.3	12.8	.5	3.4	U	0	0	87	59	54	56	900	E	5	29	5	15	1	0	0	1	1	0	29	19	0		
OCT	82	68	75	69	61	3.6	8.5	.5	4.3	C	0	0	86	61	54	56	950	E	5	28	6	15	2	0	0	1	1	0	27	23	0		
NOV	79	66	73	66	57	2.4	18.4	1.3	6.5	U	0	0	86	65	52	55	1050	F	5	38	6	19	3	0	0	2	2	0	13	27	1		
DEC	77	64	72	64	51.8	13.2	15.9	.7	6.1	U	0	0	85	65	56	53	1050	F	6	43	6	18	3	0	0	1	1	0	6	30	3		
ANN	80	64	73	66	51.8	56.4	16.4	.4	7.4	C	0	0	84	62	50	54	1040	F	6	48	6	19	21	0	0	10	18	0	195	303	20		
BYR	9	5	5	9	9	15	15	15	15	15	15	15	3	10	10	10	10	10	10	12	10	15	15	15	15	15	9	9	9	9			

REMARKS: RUSSMO FOR: (A) HURRICANE/TROPICAL STORM; (B) HURRICANE ONLY; NUMBER OBSERVED WITHIN: 120MM (1950-1978) 240MM

JUL AUG SEP OCT DEC ANN
A/B A/B A/B A/B A/B A/B
0/0 2/0 0/0 0/0 0/0 2/0
1/0 3/2 2/1 1/0 0/0 7/3
0/0 4/1 3/1 0/0 1/1 H/5

NOTE * DATA NOT AVAILABLE	# AMTS <	UNITS SHOWN IN HEADING												INSTANTANEOUS PEAK WINDS				CALM GRTR				BASED ON <				FULL MONTHS					
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	BYR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	BYR		
CAV FREQ (%)		00-02	03-05	06-08	09-11	12-14	15-17	18-20	21-23	ALL HRS	0	0	14	17	15	19	14	12	16	15	19	15	15	12	10	10	10	10	10	10	
CEILING LESS THAN 300 FT AND/OR VISIBILITY LESS THAN 3 MI		0	0	22	18	21	20	16	16	16	0	0	25	17	15	14	14	11	11	11	11	11	11	11	11	11	11	11	11	11	
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 3 MI		0	0	6	5	7	6	6	3	6	0	0	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
CEILING LESS THAN 1000 FT AND/OR VISIBILITY LESS THAN 2 MI		0	0	3	3	3	3	3	1	3	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
CEILING LESS THAN 200 FT AND/OR VISIBILITY LESS THAN 1/2 MI		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

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)				WIND (KT)		MEAN								MEAN NUMBER OF DAYS									
	1	2,3	2,3	1	2	2	2	2	PREVAILING DIRECTION	MEAN SPEED	EXTREME (MAX) SPEED (WIND)	RELATIVE HUMIDITY 0400	3300	DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE	99.9%	PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F)				MEAN CLOUDS (TENTHS)
																								MAXIMUM	MINIMUM	1	2	
JAN	98	88	78	72	3.2	5.6	0	0	ENE	12	40	80	65	73	.82	300	7	2	0	0	#	0	8	31	0	0	7	
FEB	96	88	78	72	1.5	4.0	0	0	ENE	13	33	80	66	73	.82	350	6	1	0	0	#	0	6	28	0	0	7	
MAR	96	88	78	71	1.6	2.7	0	0	ENE	12	27	83	67	74	.85	300	8	1	0	0	#	0	9	31	0	0	6	
APR	97	89	78	70	2.8	4.2	0	0	E	11	27	84	68	75	.88	300	12	1	0	0	#	0	12	30	#	0	6	
MAY	98	90	78	71	2.8	2.5	0	0	E	11	33	83	67	75	.88	250	11	2	0	0	1	0	13	31	0	0	6	
JUN	96	90	78	71	2.4	2.8	0	0	E	10	27	81	66	74	.85	250	10	1	0	0	1	#	11	30	0	0	6	
JUL	96	89	78	71	2.3	2.3	0	0	E	11	27	81	66	74	.85	250	12	1	0	0	1	0	10	31	0	0	6	
AUG	97	89	78	71	2.2	2.5	0	0	E	12	27	80	64	73	.82	250	10	1	0	0	#	#	11	31	0	0	6	
SEP	97	90	78	72	1.3	2.3	0	0	E	12	27	79	63	73	.82	250	7	1	0	0	#	0	13	30	0	0	5	
OCT	97	90	78	72	1.1	2.7	0	0	E	11	27	78	62	72	.79	250	6	1	0	0	#	0	15	31	0	0	6	
NOV	98	89	78	70	1.7	5.1	0	0	ENE	11	33	77	62	72	.79	300	5	1	0	0	#	0	13	30	#	0	6	
DEC	95	88	78	71	2.2	4.4	0	0	ENE	11	33	79	64	73	.82	300	6	1	0	0	1	0	11	31	0	0	7	
ANN	98	89	78	70	25.1	5.6	0	0	E	11	40	80	65	73	.82	300	100	14	0	0	4	#	132	365	#	0	6	
EYR	24	30	30	24	26	24	20	20	21	21	21	20	20	20	20	18	21	21	20	20	18	18	21	21	21	21	18	

REMARKS:
 1 MEANS AND EXTREMES from the 1966 NOAA/EDS Local Climatological Data Annual Summary were included
 2 CLIMATOLOGICAL STANDARD NORMAL (1931-60)
 3 HIGHEST HRLY WIND SPEED CLASS INTERVAL
 RUSSNO FOR: HRLY AND DAILY OBS: 4209-4302, 4305-4601, 4911-6708.

NOTE: #DATA NOT AVAILABLE. @LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	6	6	6	8	7	7	5	6	6	4	3	5	6	21
	03-05	6	7	8	8	9	7	7	5	5	4	4	6	6	18
	06-08	6	6	7	7	8	7	6	6	5	5	5	8	6	21
	09-11	6	7	5	7	8	7	8	7	5	6	4	5	6	21
	12-14	8	6	8	8	9	8	8	7	7	6	6	8	7	21
	15-17	9	7	6	8	8	9	8	7	6	5	6	7	7	21
	18-20	6	6	5	7	8	5	6	6	6	3	5	5	6	21
	21-23	6	5	6	6	6	5	4	5	4	3	4	3	5	20
ALL HOURS		7	6	6	7	8	7	6	6	6	5	5	6	6	
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	1	#	#	1	1	1	#	#	0	0	#	1	#	21
	03-05	1	#	1	1	2	1	#	#	#	#	1	1	1	18
	06-08	1	1	1	1	1	#	1	#	#	#	#	1	1	21
	09-11	1	#	#	1	1	#	#	0	0	#	#	1	#	21
	12-14	1	#	#	1	1	#	1	#	0	#	#	1	1	21
	15-17	1	#	#	1	2	1	1	#	#	0	#	1	1	21
	18-20	1	#	#	1	1	#	1	0	#	#	1	1	1	21
	21-23	1	#	#	1	1	1	#	0	#	#	#	#	#	20
ALL HOURS		1	#	#	1	1	1	1	#	#	#	#	1	1	
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	#	#	0	#	0	0	#	#	0	0	#	#	#	21
	03-05	#	0	0	0	0	0	#	#	#	#	#	#	#	18
	06-08	1	#	0	#	#	#	0	0	#	0	#	#	#	21
	09-11	#	0	0	0	#	#	#	0	0	0	#	#	#	21
	12-14	#	0	0	#	#	0	0	0	0	#	#	#	#	21
	15-17	#	#	#	#	#	#	#	#	0	#	0	#	#	21
	18-20	#	#	0	0	#	0	#	0	#	0	#	#	#	21
	21-23	#	0	#	#	#	0	0	0	0	0	#	#	#	20
ALL HOURS		#	#	#	#	#	#	#	#	#	#	#	#	#	
CIG less than 200 feet and/or VSBY less than 1/2 mile	00-02	0	0	0	0	0	0	0	0	0	0	#	#	#	21
	03-05	0	0	0	0	0	0	0	0	0	0	0	0	0	18
	06-08	#	#	0	0	0	0	0	0	0	0	0	0	0	21
	09-11	0	0	0	0	0	0	0	0	0	0	0	0	0	21
	12-14	#	0	0	0	0	0	0	0	0	0	0	0	0	21
	15-17	#	0	0	0	0	0	0	0	0	0	0	0	0	21
	18-20	0	#	0	0	0	0	0	0	0	0	0	0	0	21
	21-23	0	0	0	0	0	0	0	0	0	0	0	0	0	20
ALL HOURS		#	#	0	0	0	#	#	#	#	0	#	#	#	

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: HAO ISLAND, OF
 LOCATION: 1805S 14057W
 PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 919440
 ELEVATION (FEET): 7
 PERIOD: 7301-8612

ICAO: N/A
 LST = GMT +10

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (F)														
EXTREME MAX	1	87	90	88	87	87	85	83	84	84	85	86	88	90
MEAN DAILY MAX	1	83	84	85	84	82	81	80	79	80	81	82	83	82
MEAN	1	81	82	82	81	80	78	77	76	77	78	79	80	79
MEAN DAILY MIN	1	78	78	79	78	77	75	74	73	74	75	76	77	76
EXTREME MIN	1	71	72	70	70	70	68	65	67	68	68	71	70	65
# DAYS GE 90	1	0	#	0	0	0	0	0	0	0	0	0	0	#
# DAYS LE 32	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS LE 0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	6.7	8.8	6.1	7.1	3.6	4.8	3.2	4.3	3.7	3.3	5.1	5.5	62.2
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.01	2	16	18	17	17	14	10	10	16	13	10	17	17	175
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.1		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (1 LST)	1	84	85	86	83	83	82	81	82	82	83	84	85	83
RH (10 LST)	1	75	76	75	75	75	74	73	73	72	73	75	76	74
VAPOR PRESS	1	.86	.90	.90	.87	.83	.78	.75	.73	.74	.77	.82	.86	.82
DEWPOINT	1	74	75	75	74	73	71	70	69	69	71	72	74	72
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	E	E	E	E	E	E	E	E	E	E	E	E	E
MEAN SPEED														
(PVLG DRCTN)	1	13	13	11	11	12	12	13	14	12	12	12	12	12
MEAN SPEED														
(ALL OBS)	1	12	12	11	10	11	11	12	13	11	12	12	11	12
MAX PEAK GUST	1	0	0	0	0	0	0	0	0	0	0	0	0	0
PRESSURE ALT	1	500	500	350	400	150	400	300	200	150	250	300	300	500
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	5	5	4	4	4	4	4	4	4	5	5	5	4
DAYS TSTMS	1	3	2	2	1	1	#	#	#	#	#	1	3	14
DAYS FOG LT 7	1	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYS BNBD LT 7	1	#	0	0	0	0	0	0	0	0	#	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM GT PVLGN DRCTN
 c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86, 3 HOURLY
 2. National Intelligence Survey 103 for Makatea Island, 6 Year POR
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY
 (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	17	10	10	11	14	11	15	14	17	19	19	14
03-05 LST	13	15	13	16	15	18	18	17	12	15	19	17	16
06-08 LST	12	14	10	15	13	17	18	14	15	16	18	15	15
09-11 LST	17	17	14	16	15	18	21	16	12	17	20	20	17
12-14 LST	16	16	10	14	16	15	20	21	14	16	17	19	16
15-17 LST	10	11	6	8	7	11	15	15	12	15	15	16	12
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	11	11	11	12	12	15	15	15	14	14	15	12	13
ALL HOURS	12	12	9	11	11	13	15	14	12	14	15	15	13

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	8	5	3	3	4	2	2	2	2	4	6	4
03-05 LST	5	7	5	4	5	6	5	3	1	2	6	4	4
06-08 LST	5	6	3	5	3	4	2	3	2	4	4	6	4
09-11 LST	7	8	5	7	6	5	4	4	2	4	3	7	5
12-14 LST	7	7	4	4	5	4	5	4	4	3	4	8	5
15-17 LST	4	4	2	3	1	4	3	2	1	2	3	4	3
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	4	5	5	5	3	3	3	2	1	3	2	3	3
ALL HOURS	5	6	4	4	3	4	3	3	2	2	3	5	4

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	1	#	0	1	#	0	0	#	1	2	1
03-05 LST	0	#	1	#	1	1	#	#	1	1	1	1	1
06-08 LST	#	1	#	0	#	1	#	0	1	#	1	1	1
09-11 LST	2	2	1	1	#	#	0	#	#	#	1	2	1
12-14 LST	1	2	#	0	#	1	#	#	1	1	1	2	1
15-17 LST	1	1	0	#	0	#	#	#	0	#	1	#	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	#	#	#	1	#	0	1	#	0	#	#	#	#
ALL HOURS	1	1	#	#	#	0	#	#	#	#	1	1	1

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	0	0	1	0	#	0	#	0	1	#
03-05 LST	0	#	0	#	#	#	#	0	0	#	#	#	#
06-08 LST	#	0	#	0	0	0	0	0	0	#	1	#	#
09-11 LST	1	#	#	#	0	0	#	#	0	#	#	0	#
12-14 LST	#	#	0	0	0	0	0	#	0	#	0	#	#
15-17 LST	#	0	0	#	0	0	0	#	0	0	0	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	0	#	0	0	0	#	0	0	0	0	#
ALL HOURS	#	#	#	#	#	#	#	#	0	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: HAO ISLAND, OF
 LOCATION: 1805S 14057W
 PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 919440
 ELEVATION (FEET): 7
 PERIOD: 7301-8612

ICAO: N/A
 LST = GMT +10

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	#	#	0	#	#	0	#	#	0	#
03-05 LST	1	#	#	0	0	#	#	#	#	#	#	1	#
06-08 LST	#	0	0	1	#	#	0	0	0	#	#	#	#
09-11 LST	1	1	#	0	#	0	0	0	0	0	0	2	#
12-14 LST	0	1	1	0	0	#	#	0	0	0	0	1	#
15-17 LST	2	1	1	1	0	0	#	0	0	0	1	1	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	1	1	1	0	#	0	#	0	0	0	1	1	1
ALL HOURS	1	0	1	#	#	#	#	#	#	#	#	1	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	6	8	7	8	5	7	6	6	3	7	9	10	7
03-05 LST	7	9	6	3	5	8	6	6	4	7	9	8	7
06-08 LST	7	11	5	5	4	7	5	5	5	7	11	10	7
09-11 LST	11	10	6	5	6	6	6	5	5	6	14	9	7
12-14 LST	8	10	5	6	5	6	5	6	7	6	12	13	7
15-17 LST	8	7	4	6	4	4	4	4	5	6	10	13	6
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	9	6	7	6	4	6	6	5	6	9	10	8	7
ALL HOURS	8	9	6	6	5	6	6	5	5	7	11	10	7

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	#	0	0	#
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	#
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	#	0	0	#
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	#	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	#	0	0	0	0	0	0	0	0	#	0	0	#

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	1	1	0	1	1	0	1	1	1	0	1
03-05 LST	1	1	#	1	#	#	0	#	#	1	1	#	1
06-08 LST	1	1	#	1	#	#	1	#	0	#	1	0	1
09-11 LST	1	2	#	0	#	1	1	#	#	1	1	1	1
12-14 LST	1	1	#	#	#	1	2	1	#	#	1	#	1
15-17 LST	#	2	#	#	#	1	2	1	#	#	1	#	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	1	1	#	0	#	0	1	#	#	1	1	0	1
ALL HOURS	1	1	#	1	#	1	1	#	#	1	1	#	1

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86, 3 HOURLY
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	#	1	#	0	1	#	0	0	#	1	2	1
03-05 LST	0	#	1	#	1	1	#	#	1	1	1	1	1
06-08 LST	#	1	#	0	#	1	#	0	1	#	1	1	1
09-11 LST	2	2	1	1	#	#	0	#	#	#	1	2	1
12-14 LST	1	2	#	0	#	1	#	#	1	1	1	2	1
15-17 LST	1	1	0	#	0	#	#	#	0	#	#	#	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	#	#	#	1	#	0	#	#	0	#	#	#	#
ALL HOURS	1	1	#	#	#	0	#	#	#	#	1	1	1

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	#	#	0	1	0	#	0	#	1	1	#
03-05 LST	0	#	1	#	#	#	#	#	#	1	1	#	#
06-08 LST	#	#	#	#	#	#	#	0	0	#	1	1	#
09-11 LST	1	1	1	1	0	#	0	#	#	#	1	1	1
12-14 LST	#	1	0	0	0	1	#	#	#	#	0	1	#
15-17 LST	#	1	0	#	0	0	#	#	0	#	#	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	#	0	#	0	#	0	0	#	0	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	1	1	#

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	0	0	1	0	#	0	#	#	1	#
03-05 LST	0	#	#	#	#	#	#	0	0	#	1	#	#
06-08 LST	#	#	#	0	#	0	#	0	#	#	1	#	#
09-11 LST	1	1	1	1	0	0	#	#	0	#	#	#	#
12-14 LST	#	#	0	0	0	0	0	#	0	#	0	#	#
15-17 LST	#	#	0	#	0	0	0	#	0	0	0	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	#	0	0	#	0	0	0	#	0	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	0	0	1	0	#	0	0	0	#	#
03-05 LST	0	0	0	#	#	#	#	0	0	#	#	0	#
06-08 LST	0	0	0	0	0	0	0	0	0	#	#	#	#
09-11 LST	#	0	#	0	0	0	0	#	0	#	0	0	#
12-14 LST	#	0	0	0	0	0	0	#	0	#	0	#	#
15-17 LST	#	0	0	0	0	0	0	#	0	0	0	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	0	0	0	0	0	#	0	0	0	0	#
ALL HOURS	#	0	#	#	#	#	#	#	0	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: MURUROA, OF
 LOCATION: 2150S 13849W
 PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 919520
 ELEVATION (FEET): 7
 PERIOD: 7301-8612

ICAO: N/A
 LST = GMT +10

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (F)														
EXTREME MAX	1	90	93	93	90	88	86	84	82	84	89	89	90	93
MEAN DAILY MAX	1	83	84	84	82	80	78	76	76	77	77	79	81	80
MEAN	1	80	81	81	80	77	75	74	73	74	75	76	78	77
MEAN DAILY MIN	1	77	78	78	77	74	72	71	70	70	72	73	75	74
EXTREME MIN	1	67	68	72	68	66	64	63	59	63	64	66	68	59
# DAYS GE 90	1	#	1	#	#	0	0	0	0	0	0	0	#	2
# DAYS LE 32	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS LE 0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN	2	5.2	6.6	7.7	4.2	8.6	7.6	4.8	5.5	9.0	12.1	6.6	9.2	87.3
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.01	2	22	19	20	16	20	22	18	16	14	20	20	22	229
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM	1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS GE 0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS GE 1.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (19 LST)	1	83	85	83	81	81	82	82	82	83	83	87	85	83
RH (7 LST)	1	74	73	73	72	72	72	74	72	71	73	75	76	73
VAPOR PRESS	1	.84	.87	.86	.81	.75	.71	.68	.65	.66	.70	.76	.81	.76
DEWPOINT	1	73	74	74	72	70	68	67	65	66	68	70	72	70
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	E	E	E	E	E	E	E	E	E	E	E	E	E
MEAN SPEED														
(PVLG DRCTN)	1	12	12	11	12	13	11	14	13	12	13	13	12	12
MEAN SPEED														
(ALL OBS)	1	11	11	10	11	12	11	13	13	12	12	13	11	12
MAX PEAK GUST		*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	250	350	400	300	250	230	300	300	200	200	250	350	400
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	5	5	5	5	5	5	5	5	5	5	5	5	5
DAYS TSMS	1	2	2	2	2	1	1	1	1	1	1	1	2	15
DAYS FOG LT 7	1	#	0	0	0	#	0	0	0	0	0	#	0	0
DAYS BNBD LT 7	1	0	0	0	#	0	0	0	0	0	#	0	#	0

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE
 \$ = % CALM GT PVLGN DRCTN
 c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86, 3 HOURLY
 2. NIS 103, DATA FOR RIKITEA, 2 YEAR POR
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	15	11	13	11	14	15	15	18	21	21	26	23	17
03-05 LST	14	10	10	10	13	14	18	19	19	21	22	22	16
06-08 LST	16	13	11	13	12	16	18	17	18	20	19	18	16
09-11 LST	16	15	14	16	14	15	19	22	16	16	22	20	17
12-14 LST	15	10	11	16	17	16	21	19	19	21	24	23	18
15-17 LST	12	6	9	8	9	12	11	17	13	16	19	17	12
18-20 LST	10	5	6	7	15	10	10	9	9	9	16	12	10
21-23 LST	14	9	11	12	13	12	15	18	14	21	21	18	15
ALL HOURS	14	10	11	11	13	14	16	17	16	18	21	19	15

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	6	6	2	3	2	2	3	2	5	7	7	4
03-05 LST	7	5	4	4	2	2	5	3	2	4	5	8	4
06-08 LST	7	6	5	4	3	3	5	4	5	4	5	7	5
09-11 LST	7	7	5	4	5	4	4	7	4	4	6	6	5
12-14 LST	9	5	5	5	5	3	6	4	5	8	7	8	6
15-17 LST	7	3	5	2	3	3	1	4	2	3	4	6	4
18-20 LST	3	1	2	1	3	1	3	3	1	1	4	3	2
21-23 LST	6	6	5	4	3	3	5	4	3	4	6	6	5
ALL HOURS	7	5	5	3	3	3	4	4	3	4	5	6	4

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	#	1	0	1	1	2	1	1	2	1	2	1
03-05 LST	2	1	#	1	1	1	1	1	1	2	1	1	1
06-08 LST	2	3	1	1	1	1	2	1	3	2	1	3	2
09-11 LST	3	2	#	1	2	1	#	3	2	2	2	1	2
12-14 LST	3	1	#	1	2	2	1	2	2	2	2	2	2
15-17 LST	1	2	1	1	2	1	1	1	1	1	1	1	1
18-20 LST	0	1	1	0	1	1	2	1	1	1	2	1	1
21-23 LST	1	2	1	1	1	1	1	1	0	1	2	1	1
ALL HOURS	2	2	1	1	1	1	1	1	1	2	2	2	1

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	#	0	#	1	1	#	0	#	0	#	#
03-05 LST	0	0	0	#	0	#	#	1	#	#	#	0	#
06-08 LST	#	#	0	#	#	0	#	0	#	1	#	1	#
09-11 LST	#	1	0	1	#	#	0	0	#	#	#	0	#
12-14 LST	#	0	0	1	#	0	#	#	0	0	#	#	#
15-17 LST	0	#	1	0	0	0	0	0	0	0	0	0	#
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	#	#	0	1	0	#	0	#	0	0	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: MURUROA, OF
 LOCATION: 2150S 13849W
 PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 919520
 ELEVATION (FEET): 7
 PERIOD: 7301-8612

ICAO: N/A
 LST = GMT +10

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	#	0	0	#	1	#	#	1	0	1	#
03-05 LST	1	#	#	0	0	#	#	1	#	#	0	1	#
06-08 LST	0	1	#	1	#	1	#	#	#	0	#	1	#
09-11 LST	#	#	1	1	0	0	#	1	0	#	1	1	#
12-14 LST	#	1	1	#	0	#	1	0	#	#	1	1	#
15-17 LST	#	1	#	1	0	0	0	0	0	#	#	1	#
18-20 LST	0	0	1	0	1	0	0	0	1	1	0	0	#
21-23 LST	1	1	0	#	1	0	#	#	#	1	0	1	#
ALL HOURS	1	1	#	#	#	#	#	#	#	#	#	1	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	8	4	5	5	5	8	5	5	3	7	9	8	6
03-05 LST	5	3	3	4	4	5	5	3	5	6	7	10	5
06-08 LST	5	6	5	4	5	3	7	5	6	6	7	9	6
09-11 LST	9	6	6	6	5	5	7	8	6	6	9	9	7
12-14 LST	5	6	5	5	4	5	6	5	6	6	8	10	6
15-17 LST	5	5	7	5	5	3	4	5	5	6	8	6	5
18-20 LST	7	6	6	1	7	4	6	7	8	3	9	7	6
21-23 LST	6	6	6	5	5	4	7	5	4	8	10	10	6
ALL HOURS	6	5	5	4	5	5	6	5	5	6	8	9	6

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	0	0	0	0

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	2	1	1	1	3	2	1	1	3	0	1
03-05 LST	#	2	2	1	1	2	3	3	1	2	3	#	2
06-08 LST	1	1	1	1	1	1	3	2	1	1	2	0	1
09-11 LST	#	2	1	2	1	2	2	3	0	1	3	1	1
12-14 LST	0	1	1	3	1	2	2	2	#	1	2	#	1
15-17 LST	0	#	1	2	2	2	4	2	1	1	2	#	1
18-20 LST	0	1	1	1	2	0	3	5	1	0	1	0	1
21-23 LST	1	1	2	1	1	2	5	2	#	1	2	0	1
ALL HOURS	#	1	1	1	1	2	3	3	1	1	2	#	1

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86, 3 HOURLY
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	#	1	0	1	1	2	1	1	2	1	2	1
03-05 LST	2	1	#	1	1	1	1	1	1	2	1	1	1
06-08 LST	2	3	1	1	1	1	1	1	2	2	1	3	2
09-11 LST	3	2	#	1	1	1	#	2	1	2	2	1	1
12-14 LST	3	1	#	1	2	2	1	2	2	2	2	2	1
15-17 LST	1	2	1	1	1	1	1	#	1	1	1	1	1
18-20 LST	0	1	1	0	1	1	2	1	1	1	2	1	1
21-23 LST	1	2	1	1	1	1	1	1	0	1	2	1	1
ALL HOURS	2	2	1	1	1	1	1	1	1	2	2	2	1

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	1	0	#	1	1	1	0	1	1	1	1
03-05 LST	#	#	0	1	#	1	1	1	1	1	1	1	1
06-08 LST	1	2	1	#	1	#	1	1	2	1	1	3	1
09-11 LST	2	2	#	1	1	1	#	1	1	1	1	1	1
12-14 LST	1	1	#	1	2	1	1	1	1	1	1	#	1
15-17 LST	#	2	1	0	1	1	0	#	1	1	1	#	1
18-20 LST	0	0	0	0	1	1	1	1	0	0	1	1	#
21-23 LST	1	1	0	1	0	#	1	1	0	1	1	#	1
ALL HOURS	1	1	#	#	1	1	1	1	1	1	1	1	1

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	#	0	#	1	1	#	0	1	0	1	#
03-05 LST	0	0	0	#	#	1	#	1	1	1	1	1	#
06-08 LST	1	1	#	#	#	#	1	0	1	1	1	1	1
09-11 LST	1	1	#	1	1	1	0	#	#	#	1	0	1
12-14 LST	1	0	0	1	1	1	#	#	1	#	1	#	#
15-17 LST	0	1	1	0	#	0	0	0	#	#	#	0	#
18-20 LST	0	0	0	0	1	0	1	0	0	0	1	1	#
21-23 LST	1	1	0	1	0	#	0	#	0	#	1	#	#
ALL HOURS	1	#	#	#	#	#	0	#	#	#	1	#	#

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	#	1	0	#	0	0	0	#	#
03-05 LST	0	0	0	#	0	#	0	#	0	0	0	0	#
06-08 LST	#	#	0	0	0	0	#	0	#	#	0	#	#
09-11 LST	#	#	0	1	0	0	0	0	#	0	#	0	#
12-14 LST	0	0	0	1	0	0	#	#	0	0	0	#	#
15-17 LST	0	0	1	0	0	0	0	0	0	0	0	0	#
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	#	0	#	0	#	0	0	#	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

AWS CLIMATIC BRIEF

MAMDI/VITI LEVU I, FIJI IS, SOUTH PACIFIC PERIOD: 1960-69

WBAN #
WMO # 91680
STN LTRS: NFFN

Prepared by ETAC (DEC 1971)

S 17 45 E 177 27

FIELD ELEVATION: 63 ft

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN					MEAN NUMBER OF DAYS										MEAN CLOUDS (TENTHS)			
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (MAX) SPEED (WIND)	RELATIVE HUMIDITY (%)	DEW POINT (°F)	VAPOR PRESSURE (in)	PRESSURE ALTITUDE	99-95%	PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL ≥ 1-5	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F)				
																							MAXIMUM		MINIMUM		
	IV	V	VI	VII																							
JAN	96	88	73	68	11.2	5.2			ESE	5	27	92	69	73	.82	450	19	6			9	#	6	31	0	0	7
FEB	93	87	74	67	12.8	7.2			ESE	5	55	93	72	74	.85	500	19	6			8	#	4	28	0	0	7
MAR	93	87	73	66	8.6	8.0			ESE	5	33	94	71	74	.85	400	18	5			9	#	4	31	0	0	7
APR	94	86	72	62	7.3	3.3			ESE	5	27	93	69	72	.79	350	13	4			4	#	2	30	0	0	7
MAY	92	85	69	60	2.3	2.6			ESE	5	27	91	64	69	.71	250	7	2			1	#	1	30	1	0	5
JUN	91	84	68	58	2.0	2.8			ESE	5	33	91	64	68	.69	200	5	1			1	#	1	28	1	0	5
JUL	90	82	66	56	2.3	4.4			ESE	6	33	89	61	65	.62	200	6	2			#	#	#	26	4	0	5
AUG	92	82	65	53	1.9	2.5			ESE	6	27	88	60	65	.62	200	4	1			#	0	1	27	4	0	5
SEP	92	84	68	58	3.0	2.9			ESE	6	33	88	61	67	.67	250	7	2			1	#	#	29	1	0	6
OCT	93	84	69	60	2.4	2.7			ESE	6	33	86	62	67	.67	250	8	2			2	0	1	30	#	0	6
NOV	93	86	71	62	5.0	4.1			ESE	6	27	88	64	69	.71	350	11	4			3	#	2	30	0	0	6
DEC	93	87	72	64	6.7	4.0			ESE	6	40	89	65	71	.76	400	14	4			5	#	3	31	0	0	7
ANN	96	85	70	53	65.5	8.0	0	0	ESE	5	55	90	65	69	.71	400	131	39	0	0	43	#	25	351	11	0	6
EYR	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

REMARKS
 1 HIGHEST HRLY WIND SPEED CLASS INTERVAL
 RUSSWO FOR: HRLY AND DAILY OBS: 6001-6912

NOTE: *DATA NOT AVAILABLE. †LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	3	5	6	3	#	#	1	1	1	1	2	3	2	
	03-05	1	5	7	2	#	1	1	1	1	#	2	1	2	
	06-08	3	6	7	3	#	1	2	2	1	1	2	2	3	
	09-11	5	7	7	4	1	1	2	1	1	2	1	4	3	
	12-14	10	12	12	7	2	1	1	1	2	3	5	5	5	
	15-17	16	20	16	11	3	1	3	2	4	4	7	13	8	
	18-20	8	14	10	6	2	2	1	2	1	2	3	7	5	
	21-23	3	6	7	3	1	1	#	#	1	#	2	3	2	
ALL HOURS		6	9	9	5	1	1	1	1	2	2	3	5	4	10
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	1	1	2	#	0	0	#	0	#	0	#	1	#	
	03-05	#	2	1	#	#	#	#	#	#	0	#	#	#	
	06-08	1	3	2	1	0	#	1	1	1	#	#	1	1	
	09-11	1	2	1	1	#	#	1	1	#	#	1	1	1	
	12-14	2	2	2	1	1	#	1	#	1	1	1	1	1	
	15-17	3	4	3	2	1	0	#	1	1	1	2	2	2	
	18-20	2	3	2	1	1	#	#	#	1	#	1	1	1	
	21-23	#	1	2	1	0	#	0	1	0	1	1	1	1	
ALL HOURS		1	2	2	1	#	#	#	1	#	1	1	1	10	
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	#	1	1	#	0	0	#	0	#	0	0	0	#	
	03-05	0	1	#	#	#	#	0	#	0	#	0	#	#	
	06-08	#	1	1	1	0	#	#	1	#	#	0	1	#	
	09-11	#	1	1	#	#	#	#	#	#	#	0	1	#	
	12-14	1	2	1	1	#	#	0	#	#	#	#	1	1	
	15-17	2	3	2	1	#	0	#	1	1	#	1	2	1	
	18-20	1	1	1	1	#	#	0	#	0	#	0	1	#	
	21-23	#	1	1	#	0	#	0	0	#	0	#	#	#	
ALL HOURS		1	1	1	1	#	#	#	#	#	#	1	#	10	
CIG less than 200 feet and/or VSBY less than 1/2 mile	00-02	0	0	#	0	0	0	0	#	0	0	0	0	#	
	03-05	0	#	0	#	0	0	0	0	0	0	0	0	#	
	06-08	0	#	#	0	0	0	0	#	#	0	0	0	#	
	09-11	#	0	#	0	0	0	0	0	0	0	0	0	#	
	12-14	#	#	#	#	0	0	0	0	0	0	0	0	#	
	15-17	0	#	#	#	0	0	0	0	0	0	0	0	#	
	18-20	#	#	#	0	#	0	0	0	0	0	0	0	#	
	21-23	0	0	0	0	0	0	0	0	0	0	0	0	0	
ALL HOURS		#	#	#	#	#	0	#	#	#	0	0	#	10	

AWS CLIMATIC BRIEF

PAGO PAGO INTL/(TAFUNA), TUTUILA I, AMERICAN PERIOD: 1940-68

WBAN # 61705
WMO # 91765

Prepared by ETAC (MAR 1972)

SAMOA SO, PAC IS, S 14 20 W 170 42

FIELD ELEVATION: 30 ft STN LTRS: NTU

MONTH	TEMPERATURE (°F)		PRECIPITATION (in)		WIND (KT)		MEAN										MEAN NUMBER OF DAYS					MEAN CLOUDS (1. FEET)					
	1, 8	•	1, 8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		TEMPERATURE (°F)				
																							IV	V	VI	VII	
JAN	94	87	74	67	13.7	5.8	E	6	42	92	77	75	.88	350	24	9							4	31	4	8	
FEB	91	86	74	67	13.8	9.0	NW	7	49	92	76	75	.88	350	22	9							3	28	4	8	
MAR	92	87	74	67	13.3	6.1		6	33	91	75	75	.88	300	25	4							4	31	4	8	
APR	92	87	75	68	11.8	5.3	E	6	32	89	76	76	.90	300	23	10							3	30	3	8	
MAY	90	86	74	67	11.0	5.0	E	8	24	91	78	75	.88	200	22	9							#	31	4	7	
JUN	90	84	75	64	8.3	5.9	E	10	26	86	79	75	.88	150	19	6							#	29	4	7	
JUL	89	83	74	62	7.6	8.7	E	10	25	86	77	73	.82	150	18	6							0	27	5	7	
AUG	89	83	74	65	9.1	6.1	E	10	35	87	78	73	.82	200	20	5							0	28	5	7	
SEP	89	84	74	63	8.4	8.3	ESE	9	28	87	75	73	.82	150	19	4							0	30	4	6	
OCT	90	85	74	67	12.8	7.5	E	9	28	91	79	74	.85	200	21	9							#	31	5	7	
NOV	92	86	74	67	13.3	5.4	E	7	24	91	78	75	.88	300	21	8							1	30	4	7	
DEC	92	86	75	67	17.4	9.0	E	6	27	91	76	75	.88	350	22	9							1	31	3	8	
ANN	94	85	74	62	14.5	9.0	0	0	E	8	49	90	77	74	.85	300	256	88	0	0	28	0	16	357	49	0	7
EYR	12	3	3	12	8	12	11	11	3	4	4	3	3	3	3	2	8	3	11	11	4	4	11	3	3	12	3

REMARKS: EXTREMES EXCEEDED AT NEARBY SITES: JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN EYR
 TEMPERATURE (°F) EXTREME MAXIMUM: 96 94 94 97 96 92 98 91
 PRECIPITATION (IN) MAX IN 24 HRS: 15.0 13.5 12.4 8.6 20.0 16.5 13.4 16.0 15.9 7.5 16.5 13.0 20.0 40
 *SIC MEAN PRECIP AT S 14 19 W 170 41 : 24.5 20.5 19.2 16.5 15.4 12.3 10.0 8.2 13.1 14.9 19.2 19.8 193.6 41
 *INCLUDES 1970 NOAA/EDS LCD. *WNW PREVAILS NIGHTS JAN THRU MAY. *FASTEST MILE CONVERTED TO KNOTS.
 BUSSMO POR: HRLY AND DAILY OBS: 4508-4609, 6604-6803. SMAR (NAVY) POR: 4005-4505.

NOTE: *DATA NOT AVAILABLE. †LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	7	11	11	18	19	32	24	32	22	21	17	23	20	
	03-05	7	12	13	22	16	27	32	29	23	26	20	18	20	
	06-08	7	21	16	17	19	27	31	36	17	23	25	24	22	
	09-11	13	28	19	23	23	35	34	24	23	29	23	26	25	
	12-14	11	25	13	23	31	37	26	34	30	31	18	18	25	
	15-17	15	18	14	27	24	28	27	32	25	27	22	18	23	
	18-20	8	19	15	20	24	30	34	37	20	16	15	27	22	
	21-23	8	18	7	17	19	22	24	21	28	19	13	13	17	
ALL HOURS		9	19	14	21	22	30	29	31	24	22	19	20	21	2
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	2	0	0	0	3	2	5	8	7	7	3	7	4	
	03-05	0	5	0	3	2	3	13	7	7	7	5	5	5	
	06-08	0	4	0	0	0	7	7	8	5	3	2	0	3	
	09-11	2	9	2	3	5	3	5	5	5	3	5	3	4	
	12-14	0	9	0	2	2	3	3	5	5	5	2	7	4	
	15-17	0	9	2	3	2	5	7	7	5	7	0	5	4	
	18-20	0	9	3	2	2	3	11	13	3	5	2	8	5	
	21-23	0	2	0	2	2	3	3	8	10	5	2	2	2	
ALL HOURS	#	6	1	2	2	4	7	8	6	5	3	4	4	2	
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	2	0	0	0	0	0	2	3	0	0	0	2	1	
	03-05	0	0	0	2	2	0	2	2	0	0	3	2	1	
	06-08	0	2	0	0	0	2	0	3	3	2	0	0	1	
	09-11	0	2	0	2	0	2	3	0	0	0	0	0	1	
	12-14	0	4	0	0	0	0	0	0	0	0	0	3	1	
	15-17	0	4	2	2	0	3	0	2	0	2	0	3	2	
	18-20	0	0	2	2	0	0	2	3	0	2	0	2	1	
	21-23	0	2	0	2	0	0	0	5	0	2	2	0	1	
ALL HOURS	#	2	#	1	#	1	1	2	#	1	1	1	1	2	
CIG less than 200 feet and/or VSBY less than 1/2 mile	00-02	0	0	0	0	0	0	0	0	0	0	0	0	0	
	03-05	0	0	0	0	0	0	0	0	0	0	0	0	0	
	06-08	0	0	0	0	0	0	0	0	0	0	0	0	0	
	09-11	0	2	0	0	0	0	0	0	0	0	0	0	#	
	12-14	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15-17	0	0	0	0	0	0	0	0	0	0	0	0	0	
	18-20	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21-23	0	0	0	0	0	0	0	0	0	0	0	0	0	
ALL HOURS	0	#	0	0	0	0	0	0	0	0	0	0	0	#	2

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: RAPA, OF
 LOCATION: 2738S 14420W
 PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 919580
 ELEVATION (FEET): 3
 PERIOD: 7301-8612

ICAO: N/A
 LST = GMT +10

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	
1. TEMPERATURE (F)														
EXTREME MAX	1	88	84	88	91	91	88	86	82	86	84	82	85	91
MEAN DAILY MAX	1	77	78	77	75	72	70	68	67	67	69	71	73	72
MEAN	1	75	76	75	72	70	67	65	64	65	66	69	71	70
MEAN DAILY MIN	1	72	73	72	69	66	63	62	61	61	62	66	68	66
EXTREME MIN	1	60	63	61	57	54	50	48	46	50	50	55	57	46
# DAYS GE 90	1	0	0	0	#	#	0	0	0	0	0	0	0	0
# DAYS LE 32	1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS LE 0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)														
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MINIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.004		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.5		*	*	*	*	*	*	*	*	*	*	*	*	*
3. SNOWFALL (INCHES)														
MEAN		*	*	*	*	*	*	*	*	*	*	*	*	*
MAXIMUM		*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 0.1		*	*	*	*	*	*	*	*	*	*	*	*	*
# DAYS GE 1.5		*	*	*	*	*	*	*	*	*	*	*	*	*
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)														
RH (22 LST)	1	86	86	84	82	79	79	80	79	79	80	81	83	81
RH (7 LST)	1	78	78	76	73	72	72	72	71	71	72	75	76	74
VAPOR PRESS	1	.73	.75	.72	.65	.57	.52	.49	.47	.48	.50	.57	.63	.59
DEWPOINT	1	69	70	68	65	62	59	57	56	57	58	62	65	62
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)														
PVLG DRCTN	1	E	E	E	E	E	W	W	E	E	E	E	E	E
MEAN SPEED														
(PVLG DRCTN)	1	9	9	10	10	10	10	10	10	9	9	9	9	10
MEAN SPEED														
(ALL OBS)	1	8	8	8	8	8	8	8	9	8	8	8	8	8
MAX PEAK GUST	1	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT	1	500	450	400	570	600	550	500	500	400	400	350	400	600
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)														
CLD COVER	1	6	6	6	6	6	6	6	6	6	6	6	6	6
DAYS TSTMS	1	2	1	1	1	0	1	1	1	1	1	1	1	13
DAYS FOG LT 7	1	#	0	0	0	0	#	#	0	0	#	#	0	0
DAYS BNBD LT 7	1	0	0	0	0	0	#	0	#	0	0	0	0	0
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM GT PVLGN DRCTN
 c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86, 3 HOURLY
 2.
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 3000/3 STATUTE MILES (MI)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	32	28	25	19	18	21	19	22	18	23	29	28	24
03-05 LST	31	26	25	16	19	20	20	22	19	21	29	28	23
06-08 LST	28	24	23	18	19	21	19	18	18	20	23	27	22
09-11 LST	31	25	20	18	19	22	18	22	16	20	23	28	22
12-14 LST	30	25	21	19	20	20	19	19	17	20	24	29	22
15-17 LST	24	22	19	18	20	19	19	21	15	17	22	26	20
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	28	22	26	18	18	21	23	21	17	21	24	23	22
ALL HOURS	26	22	26	16	17	18	17	18	15	18	22	24	20

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	9	9	6	8	7	7	8	5	8	11	12	9
03-05 LST	13	8	10	7	7	7	9	7	8	8	14	13	9
06-08 LST	12	9	8	7	6	8	9	7	7	8	11	11	9
09-11 LST	12	9	6	7	6	8	7	7	4	6	9	11	8
12-14 LST	12	9	7	7	7	7	6	6	7	9	9	9	8
15-17 LST	9	9	6	7	8	8	8	8	7	7	9	13	8
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	10	8	8	6	9	8	10	7	7	6	11	11	8
ALL HOURS	10	8	7	6	6	7	7	6	6	7	9	10	7

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	3	2	2	1	1	0	2	1	2	1	3	2	2
03-05 LST	3	2	2	1	3	2	2	1	3	3	3	2	2
06-08 LST	2	3	2	1	2	3	3	3	3	3	3	2	2
09-11 LST	2	1	1	2	2	2	2	3	2	2	3	3	2
12-14 LST	3	2	3	1	2	2	2	3	2	3	2	2	2
15-17 LST	1	2	2	1	#	2	2	2	2	2	2	3	2
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	#	2	1	1	1	1	1	1	2	1	2	1	1
ALL HOURS	2	2	2	1	1	1	2	2	2	2	2	2	2

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	0	0	0	0	#	#	#	#	0	0	#
03-05 LST	#	#	#	0	#	0	0	0	#	#	#	0	#
06-08 LST	#	0	0	0	1	#	#	#	#	#	#	0	#
09-11 LST	#	0	0	0	#	#	0	0	0	#	0	#	#
12-14 LST	1	#	#	#	0	#	0	#	#	1	0	0	#
15-17 LST	#	0	0	0	0	#	0	#	#	0	0	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	#	0	0	#	0	0	1	0	1	0	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: RAPA, OF
 LOCATION: 2738S 14420W
 PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 919580
 ELEVATION (FEET): 3
 PERIOD: 7301-8612

ICAO: N/A
 LST = GMT +10

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	1	0	0	#	1	0	#	0	0	#	#
03-05 LST	1	1	#	0	0	1	0	#	0	#	0	1	#
06-08 LST	0	1	0	0	#	#	1	#	#	#	0	0	#
09-11 LST	#	#	0	0	0	1	1	#	0	#	0	0	#
12-14 LST	1	0	0	0	#	0	1	0	0	#	0	0	#
15-17 LST	#	0	#	0	0	0	0	0	0	#	0	#	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	#	1	#	#	0	0	0	0	#	0	#	#	#
ALL HOURS	0	#	#	#	#	#	#	#	#	#	#	#	#

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	11	11	13	13	16	14	12	12	14	13	14	13
03-05 LST	12	13	13	16	13	11	16	12	12	12	14	16	15
06-08 LST	10	10	10	11	10	11	13	12	11	9	14	13	11
09-11 LST	10	10	9	13	12	14	12	14	10	10	12	12	12
12-14 LST	11	9	10	12	11	11	13	11	9	10	12	12	11
15-17 LST	11	10	10	14	12	15	11	14	11	9	12	13	12
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	9	10	10	9	12	13	14	11	12	8	14	12	11
ALL HOURS	10	10	10	13	12	13	13	12	11	10	13	13	12

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	#	0	0	#
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	#	0	0	#

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	#	1	1	1	1	#	#	#	0	#
03-05 LST	1	0	0	#	1	1	#	#	#	#	#	#	#
06-08 LST	1	0	1	#	1	1	#	2	#	#	#	#	1
09-11 LST	#	0	#	0	#	1	2	#	0	0	#	#	#
12-14 LST	0	0	#	#	1	1	1	1	0	0	0	0	#
15-17 LST	0	1	1	#	0	1	1	#	0	0	0	#	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	#	0	0	0	1	1	#	1	#	0	#	#	#
ALL HOURS	#	#	#	#	1	1	1	1	#	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 -DEC 86, 3 HOURLY
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	2	1	2	1	1	0	2	1	2	1	2	1	1
03-05 LST	3	2	2	1	2	2	2	1	3	2	3	2	2
06-08 LST	2	3	2	1	1	2	3	2	2	3	2	1	2
09-11 LST	2	1	1	1	2	2	2	3	2	2	2	3	2
12-14 LST	3	2	3	1	1	1	2	2	1	2	2	2	2
15-17 LST	1	2	2	#	#	1	1	2	2	2	1	3	2
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	#	2	1	1	1	1	1	1	2	0	2	1	1
ALL HOURS	2	2	2	1	1	1	2	2	2	2	2	2	2

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	2	#	#	0	1	1	1	0	1	0	1
03-05 LST	1	1	2	#	2	0	1	0	1	2	1	1	1
06-08 LST	1	1	1	1	1	1	1	1	1	2	1	1	1
09-11 LST	1	1	1	#	1	1	0	1	1	2	1	1	1
12-14 LST	2	1	1	#	#	1	1	1	1	1	1	1	1
15-17 LST	#	1	#	0	#	1	#	1	1	1	#	1	1
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	#	1	1	1	1	1	1	1	1	#	1	#	1
ALL HOURS	1	1	1	#	1	0	1	1	1	1	1	1	1

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	0	#	#	0	0	#	#	#	0	#	0	#
03-05 LST	#	#	1	0	#	#	1	0	#	#	#	0	#
06-08 LST	1	#	#	#	1	0	1	#	#	1	#	#	#
09-11 LST	1	#	#	0	#	#	0	#	0	#	#	1	#
12-14 LST	1	#	1	#	0	1	0	#	#	1	0	0	#
15-17 LST	#	0	#	0	#	#	0	#	#	#	0	#	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	#	1	#	1	#	#	1	0	1	#	#	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	#	0	0	0	0	0	0	0	0	0	0	0	#
03-05 LST	0	0	#	0	0	0	0	0	#	#	#	0	#
06-08 LST	0	0	0	0	#	0	0	#	0	#	#	0	#
09-11 LST	#	0	0	0	#	0	0	0	0	0	0	0	#
12-14 LST	#	#	#	#	0	#	0	0	0	0	0	0	#
15-17 LST	0	0	0	0	0	0	0	#	0	0	0	0	#
18-20 LST	*	*	*	*	*	*	*	*	*	*	*	*	*
21-23 LST	0	0	0	#	0	0	1	0	0	0	0	#	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: TAHITI, OF
 LOCATION: 1734S 14937W
 PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 919380
 ELEVATION (FEET): 7
 PERIOD: 7301-8612

ICAO: NTTT
 LST = GMT +10

SOURCE NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1. TEMPERATURE (F)													
EXTREME MAX 1	91	93	93	91	91	89	86	86	90	90	90	90	93
MEAN DAILY MAX 1	85	86	86	86	85	83	82	81	82	83	84	84	84
MEAN 1	80	81	81	80	79	77	76	76	77	78	79	80	79
MEAN DAILY MIN 1	75	75	75	75	73	71	71	70	71	72	73	74	73
EXTREME MIN 1	70	70	70	70	66	61	61	60	63	64	66	70	60
# DAYS GE 90 1	1	2	3	2	1	0	0	0	#	#	#	#	8
# DAYS LE 32 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS LE 0 1	0	0	0	0	0	0	0	0	0	0	0	0	0
2. PRECIPITATION (INCHES)													
MAXIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN 2	9.9	9.6	6.9	5.6	4.0	3.0	2.1	1.7	2.1	3.5	5.9	9.8	64.2
MINIMUM	*	*	*	*	*	*	*	*	*	*	*	*	*
MAX 24 HR 2	2.2	2.2	1.9	1.2	3.4	.6	1.6	.8	1.1	1.1	1.0	2.1	3.4
# DAYS GE 0.01 2	16	16	17	10	10	8	5	6	6	9	13	14	130
# DAYS GE 0.1 2	12	12	10	10	6	3	3	3	4	4	7	10	85
3. SNOWFALL (INCHES)													
MEAN 1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM 1	0	0	0	0	0	0	0	0	0	0	0	0	0
MAX 24 HR 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS GE 0.1 1	0	0	0	0	0	0	0	0	0	0	0	0	0
# DAYS GE 1.5 1	0	0	0	0	0	0	0	0	0	0	0	0	0
4. MEAN RELATIVE HUMIDITY (%) / VAPOR PRESSURE (IN HG) / DEWPOINT (F)													
RH (1 LST) 1	85	86	86	86	86	84	83	83	83	84	85	85	85
RH (10 LST) 1	70	70	68	68	68	66	66	64	64	67	69	71	68
VAPOR PRESS 1	.82	.85	.84	.83	.79	.73	.70	.68	.71	.75	.79	.81	.77
DEWPOINT 1	73	73	73	73	72	69	68	67	68	70	71	72	71
5. SURFACE WINDS 16 PT/KTS / 99.95% HIGHEST PRESSURE ALTITUDE (FEET)													
PVLG DRCTN 1	NE	NE	E	E	E	E	E	E	E	E	NE	NE	E
MEAN SPEED (PVLG DRCTN) 1	9	8	4	4	3	3	4	3	3	4	9	8	5
MEAN SPEED (ALL OBS) 1	7	6	5	5	5	5	6	6	6	6	6	6	6
MAX PEAK GUST 1	*	*	*	*	*	*	*	*	*	*	*	*	*
PRESSURE ALT 1	300	400	400	400	200	200	200	250	200	150	150	250	400
6. MEAN CLOUD COVER (8THS) / THUNDERSTORMS / FOG / BLOWING SAND & DUST (BNBD)													
CLD COVER 1	5	5	4	4	4	4	4	4	4	4	5	5	4
DAYS TSMS 1	6	6	4	3	2	1	1	#	#	1	4	5	33
DAYS FOG LT 7 1	0	0	#	0	0	0	0	0	0	0	0	0	0
DAYS BNBD LT 7 1	0	0	#	0	0	0	0	0	0	0	0	0	0

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN

REMARKS: * = DATA NOT AVAILABLE # = LT 0.5 DAY, OR 0.05 INCH, OR 0.5%, AS APPLICABLE \$ = % CALM GT PVLGN DRCTN
 c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86, 3 HOURLY
 2. NIS 103, POR VARIED
 3.

7. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 3000/3 STATUTE MILES (MI) (SOURCE NO. 1)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	14	11	7	6	4	5	4	4	3	8	10	18	8
03-05 LST	13	12	7	6	7	6	5	4	4	11	8	17	8
06-08 LST	13	12	9	8	6	8	6	5	4	10	11	16	9
09-11 LST	18	17	11	11	7	9	8	5	7	12	12	21	12
12-14 LST	15	14	12	11	9	8	5	6	8	10	14	20	11
15-17 LST	15	12	9	7	5	7	5	6	3	9	14	19	9
18-20 LST	13	10	7	7	4	5	3	4	3	8	10	13	7
21-23 LST	16	13	8	8	6	6	3	5	3	6	12	16	9
ALL HOURS	15	13	9	8	6	7	5	5	4	9	11	18	9

8. % FREQ OF CIG/VIS LT 1500/3 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	5	6	4	3	1	2	1	1	1	3	4	7	3
03-05 LST	5	5	4	3	2	2	2	1	1	3	4	10	4
06-08 LST	6	6	4	5	3	2	1	1	1	3	5	8	4
09-11 LST	7	9	7	5	3	3	1	#	1	3	7	10	5
12-14 LST	6	7	5	5	2	2	1	#	2	2	5	10	4
15-17 LST	8	7	5	3	2	3	1	1	0	2	6	10	4
18-20 LST	4	5	3	4	1	1	1	1	#	1	5	7	3
21-23 LST	6	6	4	4	1	2	1	#	1	2	4	10	3
ALL HOURS	6	6	5	4	2	2	1	1	1	2	5	9	4

9. % FREQ OF CIG/VIS LT 1000/2 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	1	0	0	#	0	#	1	1	1	1
03-05 LST	3	1	2	1	#	#	#	#	#	2	2	5	2
06-08 LST	3	4	2	3	1	#	#	1	#	2	2	2	2
09-11 LST	2	4	3	1	1	2	#	#	#	1	2	4	2
12-14 LST	2	3	3	2	1	1	0	#	1	#	1	4	2
15-17 LST	2	3	1	1	#	#	0	1	#	1	1	3	1
18-20 LST	1	2	2	1	0	0	#	1	#	#	1	1	1
21-23 LST	1	2	1	1	#	#	0	0	0	#	1	1	1
ALL HOURS	2	2	2	1	#	1	#	#	#	1	1	3	1

10. % FREQ OF CIG/VIS LT 200/0.5 MI

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	#	#	1	0	0	0	0	0	0	#	#	#	#
06-08 LST	1	#	#	#	0	0	0	#	#	1	0	#	#
09-11 LST	#	#	#	0	0	#	#	0	#	#	#	#	#
12-14 LST	#	#	1	0	#	#	0	0	0	0	0	#	#
15-17 LST	0	0	0	0	0	0	0	#	0	#	0	0	#
18-20 LST	0	0	1	0	0	0	0	0	0	0	#	0	#
21-23 LST	#	0	#	0	#	0	0	0	0	0	0	0	#
ALL HOURS	#	0	#	0	#	0	0	0	0	0	0	0	#

OPERATIONAL CLIMATIC DATA SUMMARY

STATION: TAHITI, OF
 LOCATION: 1734S 14937W
 PREPARED BY: USAFETAC/ECR, MAR 1989

STATION #: 919380
 ELEVATION (FEET): 7
 PERIOD: 7301-8612

ICAO: NTTT
 LST = GMT +10

1. PERCENTAGE FREQUENCY OF OCCURRENCE (% FREQ) OF THUNDERSTORMS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	2	#	#	#	1	0	0	0	#	2	1	1
03-05 LST	1	1	#	1	#	0	0	0	#	#	#	1	1
06-08 LST	#	2	#	#	1	#	#	0	0	#	1	1	1
09-11 LST	1	2	2	#	1	#	0	0	0	0	#	1	1
12-14 LST	2	2	2	1	0	0	0	0	#	#	1	1	1
15-17 LST	2	2	#	2	#	1	0	0	0	#	1	1	1
18-20 LST	2	2	1	1	#	1	0	0	0	#	3	#	1
21-23 LST	2	1	#	1	0	#	0	#	0	#	3	2	1
ALL HOURS	1	2	1	1	#	#	#	#	#	#	1	1	1

2. % FREQ RAIN AND/OR DRIZZLE:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	10	6	4	4	2	2	5	2	3	4	6	12	5
03-05 LST	10	6	6	5	4	3	3	2	3	4	4	12	5
06-08 LST	8	8	5	5	3	2	3	2	2	4	5	11	5
09-11 LST	11	10	7	5	4	3	3	2	2	4	7	11	6
12-14 LST	8	11	7	4	3	2	2	3	3	2	6	11	5
15-17 LST	10	11	4	4	2	2	2	4	1	3	8	11	5
18-20 LST	9	10	4	4	2	4	3	1	3	4	7	10	5
21-23 LST	9	9	5	3	4	1	2	1	3	4	8	11	5
ALL HOURS	9	9	5	4	3	2	3	2	2	4	6	11	5

3. % FREQ SNOW AND/OR ICE PELLETS:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
06-08 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
09-11 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
15-17 LST	0	0	0	0	0	0	0	0	0	#	0	0	#
18-20 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
21-23 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	0	0	0	0	0	0	0	0	0	#	0	0	#

4. % FREQ OF SURFACE WIND SPEEDS GT 25 KTS. (INCLUDING GUSTS):

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	#	1	0	#	0	0	0	0	#	#	#
03-05 LST	#	#	0	0	#	0	0	0	0	0	0	#	#
06-08 LST	#	1	1	#	0	0	#	#	0	0	#	#	#
09-11 LST	0	#	0	#	0	#	#	#	0	0	#	0	#
12-14 LST	0	0	#	0	0	0	0	0	0	#	0	0	#
15-17 LST	#	#	0	0	0	0	0	0	0	#	#	#	#
18-20 LST	0	0	#	0	#	0	0	0	0	0	0	#	#
21-23 LST	#	#	#	0	0	0	#	0	0	0	0	0	#
ALL HOURS	#	#	#	#	#	#	#	#	0	#	#	#	#

REMARKS: * = DATA NOT AVAILABLE # = 0.0 LT 0.5, MI = STATUTE MILES
 c = BASED ONLY ON AVAILABLE DATA, I.E. LT 24 HRS/DAY, OR LT 12 MONTH/YR

SOURCE(S): 1. USAFETAC DATSAV POR JAN 73 - DEC 86, 3 HOURLY
 2.
 3.

5. % FREQ OF CEILING AND/OR VISIBILITY (CIG/VIS) LT 800/2 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	1	1	1	1	0	0	#	0	#	1	1	1	1
03-05 LST	3	1	2	1	#	#	#	#	#	2	2	5	1
06-08 LST	2	4	2	3	1	#	#	1	#	2	2	2	2
09-11 LST	2	4	3	1	1	1	#	#	#	1	2	4	2
12-14 LST	2	3	3	1	1	1	0	#	1	#	1	4	2
15-17 LST	2	2	1	1	#	#	0	1	#	1	1	3	1
18-20 LST	1	1	2	1	0	0	#	1	#	#	1	1	1
21-23 LST	1	2	1	1	#	#	0	0	0	#	1	1	1
ALL HOURS	2	2	2	1	#	#	#	#	#	1	1	3	1

6. % FREQ OF CIG/VIS LT 500/1.5 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	1	#	1	0	0	0	0	0	0	0	1	#
03-05 LST	2	1	1	1	#	#	#	#	0	1	1	2	1
06-08 LST	1	2	1	2	#	#	#	1	#	1	1	1	1
09-11 LST	1	2	2	#	#	1	#	#	#	#	1	2	1
12-14 LST	1	2	2	#	#	0	#	0	#	#	#	2	1
15-17 LST	#	2	#	#	0	#	0	1	#	#	#	2	1
18-20 LST	0	1	1	#	0	0	#	#	0	0	1	1	#
21-23 LST	#	1	1	#	#	0	0	0	0	0	#	1	#
ALL HOURS	1	1	1	1	#	#	#	#	#	#	1	2	1

7. % FREQ OF CIG/VIS LT 300/1 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	#	#	#	0	0	0	0	0	0	0	1	#
03-05 LST	1	1	1	1	#	#	#	#	0	#	#	1	1
06-08 LST	1	1	#	1	#	0	#	#	#	1	0	1	1
09-11 LST	#	1	1	#	0	#	#	0	#	#	#	1	#
12-14 LST	#	1	1	#	#	#	0	0	0	#	0	1	#
15-17 LST	#	#	#	#	0	0	0	#	#	#	0	1	#
18-20 LST	0	0	1	0	0	0	#	#	0	0	#	0	#
21-23 LST	#	#	1	#	#	0	0	0	0	0	#	#	#
ALL HOURS	#	#	1	#	#	#	#	#	#	#	#	1	#

8. % FREQ OF CIG/VIS LT 100/.25 MI:

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02 LST	0	0	0	0	0	0	0	0	0	0	0	0	0
03-05 LST	0	#	0	#	0	0	0	0	0	0	0	0	#
06-08 LST	#	0	0	#	0	0	0	#	0	#	0	0	#
09-11 LST	#	#	0	0	0	0	#	0	#	#	#	#	#
12-14 LST	0	0	1	0	#	#	0	0	0	0	0	0	#
15-17 LST	0	0	0	0	0	0	0	0	0	#	0	0	#
18-20 LST	0	0	1	0	0	0	0	0	0	0	#	0	#
21-23 LST	0	0	#	0	#	0	0	0	0	0	0	0	#
ALL HOURS	#	#	#	#	#	#	#	#	#	#	#	#	#

AWS CLIMATIC BRIEF		ASCENSTON AUX AIRFIELD, ASCENSTON I., PERIOD: 1942-67										WRAN # 50101 WMO # 61902																
Prepared by ETAC (JAN 1972)		SOUTH ATLANTIC S 07 58 W 14 24 FIELD										ELEVATION: 272 (1) STN LTRS: PHAN																
MONTH	TEMPERATURE (°F)				PRECIPITATION (In)			WIND (KT)		MEAN				MEAN NUMBER OF DAYS														
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL IN 24 HOURS	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME SPEED (HALF-HOUR)	0200 RELATIVE HUMIDITY (%)	1300 (%)	DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE	99.925	PRECIP ≥ 0.01	PRECIP ≥ 0.5	SNOWFALL ≥ 0.1	SNOWFALL 1.0	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F)				MEAN CLOUDS (TENTHS)
																							IV	IV	IA	IA		
																							90	80	70	60		
JAN	89	83	73	66	0.3	0.9	0	0	ESE	15	30	81	65	68	.69	450	7	#	0	0	0	0	0	0	30	6	0	6
FEB	89	85	75	68	0.4	1.3	0	0	ESE	15	33	81	64	70	.74	450	5	#	0	0	0	0	0	0	28	3	0	5
MAR	89	86	76	70	1.5	6.7	0	0	ESE	15	30	81	64	71	.76	450	7	#	0	0	#	#	#	0	31	2	0	5
APR	90	86	76	69	1.2	2.0	0	0	ESE	16	32	79	63	70	.74	450	8	1	0	0	0	0	0	#	30	1	0	6
MAY	89	84	75	67	0.4	0.3	0	0	ESE	16	36	77	62	68	.69	400	6	0	0	0	0	0	0	0	31	2	0	5
JUN	87	82	73	67	0.6	1.0	0	0	ESE	16	33	75	60	66	.64	350	8	#	0	0	0	0	0	0	29	6	0	5
JUL	87	81	72	67	0.5	0.8	0	0	ESE	16	33	74	61	64	.60	350	7	#	0	0	0	0	0	0	24	8	0	6
AUG	84	79	70	65	0.4	0.5	0	0	ESE	16	31	76	62	64	.60	350	8	#	0	0	0	0	0	0	14	12	0	7
SEP	84	79	70	63	0.4	0.2	0	0	ESE	15	35	78	64	64	.60	350	10	0	0	0	0	0	#	0	10	16	0	8
OCT	84	79	70	65	0.5	0.3	0	0	ESE	15	30	79	64	64	.60	350	12	0	0	0	0	0	#	0	14	18	0	8
NOV	86	80	70	64	0.3	0.3	0	0	ESE	15	30	78	63	65	.62	400	8	0	0	0	0	0	0	0	19	13	0	8
DEC	87	81	72	64	0.3	0.2	0	0	ESE	15	32	79	63	66	.64	400	8	0	0	0	0	0	0	0	25	9	0	7
ANN	90	82	72	63	6.8	6.7	0	0	ESE	16	36	78	63	67	.67	450	94	1	0	0	#	#	#	285	96	0	6	
EYR	13	14	14	13	14	14	11	10	15	15	10	15	15	15	15	12	14	14	11	11	11	11	11	14	14	14	14	12

REMARKS:

RUSSMO POR: HRLY OBS: 4209-4705, 5709-6712; DAILY OBS: 4209-4612, 4702-4704, 5709-6701.

NOTE: *DATA NOT AVAILABLE. LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
CIG less than 3000 feet and/or VSBY less than 3 miles	00-02	19	14	18	18	18	15	16	25	32	31	27	22	21	13
	03-05	22	16	22	21	21	21	19	28	34	33	31	26	25	15
	06-08	20	16	21	21	21	23	18	24	27	31	23	21	22	15
	09-11	19	15	18	21	19	19	15	17	22	22	19	18	19	15
	12-14	17	13	17	23	22	21	15	14	23	22	18	16	18	15
	15-17	17	13	17	23	21	24	20	19	26	28	24	18	21	15
	18-20	17	16	16	18	16	21	15	23	32	35	27	22	22	13
	21-23	17	14	16	17	16	17	14	22	29	32	27	20	20	15
ALL HOURS		19	15	18	20	19	20	17	22	28	29	24	20	21	
CIG less than 1500 feet and/or VSBY less than 3 miles	00-02	1	1	2	1	1	#	0	#	2	3	1	1	1	13
	03-05	1	1	1	2	1	#	#	1	2	3	1	1	1	15
	06-08	2	1	2	2	#	#	#	1	3	3	2	2	2	15
	09-11	1	#	1	1	#	#	1	#	2	2	1	1	1	15
	12-14	1	#	1	1	#	#	1	1	2	1	#	1	1	15
	15-17	1	#	1	1	1	#	1	1	1	2	1	#	1	15
	18-20	1	1	1	1	#	0	#	1	2	1	2	1	2	13
	21-23	1	1	1	1	#	0	0	#	1	3	1	1	1	15
ALL HOURS		1	1	1	1	#	#	#	1	2	2	1	1	1	
CIG less than 1000 feet and/or VSBY less than 2 miles	00-02	0	#	#	0	0	0	0	#	#	#	0	0	#	13
	03-05	0	0	0	0	0	0	0	#	#	1	0	0	#	15
	06-08	#	0	0	1	0	#	#	#	1	1	1	#	#	15
	09-11	#	0	0	1	0	#	#	#	1	#	#	#	#	15
	12-14	0	0	#	#	0	#	#	#	#	#	0	#	#	15
	15-17	#	#	#	#	0	#	#	#	#	#	#	0	#	15
	18-20	#	#	0	#	0	0	#	0	0	#	0	0	#	13
	21-23	#	0	0	0	0	0	0	0	#	#	#	0	#	15
ALL HOURS		#	#	#	#	#	#	#	#	#	#	#	#	#	
CIG less than 200 feet and/or VSBY less than 1/2 mile	00-02	0	#	#	0	0	0	0	0	0	0	0	0	#	13
	03-05	0	0	0	0	0	0	0	0	0	0	0	0	0	15
	06-08	0	0	0	0	0	0	0	0	0	0	0	0	0	15
	09-11	0	0	0	0	0	0	0	0	0	0	0	0	0	15
	12-14	0	0	0	0	0	0	0	0	0	0	0	0	0	15
	15-17	0	0	0	0	0	0	0	0	0	0	0	0	0	15
	18-20	0	0	0	0	0	0	0	0	0	0	0	0	0	13
	21-23	0	0	0	0	0	0	0	0	0	0	0	0	0	15
ALL HOURS		0	#	#	0	0	0	0	0	0	0	0	0	#	

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN				MEAN NUMBER OF DAYS						MEAN CLOUDS (TENTHS)									
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) SPEED (GUST)	RELATIVE HUMIDITY (%)	DEW POINT (°F)	VAPOR PRESSURE (in)	PRESSURE ALTITUDE	MEAN NUMBER OF DAYS												
																99-95%	PRECIP ≥ 0.01	PRECIP ≥ 0.5		SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG (< 7 MILES)		TEMPERATURE (°F)			
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
JAN	95	86	73	63	8.2	6.9		E	7	46	86	57	70	.74	400	20	4				0			9	31	0	0	7
FEB	93	85	73	64	7.5	14.2		E	6	43	88	71	71	.76	400	19	6				0			7	28	0	0	7
MAR	91	84	72	63	8.6	7.6		E	4	47	90	72	71	.76	450	20	5				0			6	30	0	0	7
APR	88	82	70	58	5.1	4.9		ESS	5	48	89	71	69	.71	450	17	2				0			0	29	0	0	6
MAY	86	79	66	55	7.9	8.1		E	6	31	88	68	65	.62	350	16	2				0			0	16	0	0	6
JUN	83	76	63	51	2.4	5.9		ESS	7	32	87	65	61	.54	300	16	2				0			0	3	4	0	6
JUL	81	75	62	51	2.3	3.0		ESS	7	30	85	64	59	.50	300	19	1				0			0	1	7	0	6
AUG	80	75	62	50	2.3	3.2		E	8	36	85	61	58	.49	300	18	1				0			0	0	6	0	6
SEP	83	77	63	51	1.4	1.9		E	9	35	83	58	59	.50	250	15	0				0			0	3	3	0	7
OCT	88	80	64	55	1.7	5.5		E	7	34	80	57	59	.50	350	14	0				0			0	18	2	0	6
NOV	91	83	67	57	1.8	5.0		E	6	30	77	56	61	.54	300	12	2				0			2	29	0	0	6
DEC	95	85	71	62	4.7	3.5		E	5	27	81	61	67	.67	400	17	3				0			6	31	0	0	7
ANN	95	81	67	50	49.8	14.2		E	6	48	85	64	64	.60	350	203	28	0	0	0	0		30	219	22	0	6	
EYR	44	40	40	44	60	47	4	4	6	6	8	45	45	42	42	21	60	4	4	4	4	4	4	4	4	4	4	6

REMARKS
¹ AT 1000 HOURS ONLY.
 N SUMRY POR: 5301-5612. BRIT MET TABLES: 1875-1928. MAURITIUS OBSERVATORY DEPT: 1951-1960.

NOTE: *DATA NOT AVAILABLE. ¹LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
LOW CLOUD AMOUNT 7/10 THRU 10/10 WITH LOW CLOUD HEIGHT LESS THAN 3300 FEET -- AND/OR -- VISIBILITY LESS THAN 2 1/2 MILES	1000	35	29	30	21	27	23	20	19	33	35	36	35	29	4
LOW CLOUD AMOUNT 7/10 THRU 10/10 WITH LOW CLOUD HEIGHT LESS THAN 2000 FEET -- AND/OR -- VISIBILITY LESS THAN 2 1/2 MILES	1000	20	18	23	14	19	19	12	8	17	9	7	14	15	4
LOW CLOUD AMOUNT 7/10 THRU 10/10 WITH LOW CLOUD HEIGHT LESS THAN 1000 FEET -- AND/OR -- VISIBILITY LESS THAN 2 1/2 MILES	1000	2	5	4	3	4	5	1	1	1	1	1	2	3	4
LOW CLOUD AMOUNT 7/10 THRU 10/10 WITH LOW CLOUD HEIGHT EQUAL TO OR LESS THAN 300 FEET -- AND/OR -- VISIBILITY LESS THAN 5/8 MILE	1000	0	0	0	0	0	0	0	0	0	0	0	0	0	4

AWS CLIMATIC BRIEF

PLAISANCE/MAHEBOURG, MAURITIUS, INDIAN OCEAN PERIOD: 1951-60

WBAN # 61990

Prepared by ETAC (AUG 1971)

S 20 26 E 97 41

ELEVATION: 186 FT STN LTRS: PDM

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)			WIND (KT)		MEAN				MEAN NUMBER OF DAYS										MEAN CLOUDS (TENTHS)				
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) SPEED (GUST)	RELATIVE HUMIDITY (%)		DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE (ft)	PRECIPITATION (in)					THUNDERSTORMS	FOG (< 7 MILES)		TEMPERATURE (°F)			
												1000	1600				≥ 0.01	≥ 0.5	≥ 0.1	≥ 1.5	IV				IV	IV	IV	
												90	80				60	50										
JAN	92	85	72	63	9.3	10.3			E	8	90	76	77	72	.79	350	23	5			1	0	3	31	0	7		
FEB	90	85	72	63	9.5	7.5			E	8	113	76	77	71	.76	400	21	4			1	#	1	27	0	7		
MAR	91	85	72	61	15.1	11.7			E	7	59	79	81	71	.76	500	25	9			2	0	3	30	0	7		
APR	88	82	70	60	8.1	6.7			ESE	7	47	76	79	70	.74	450	22	5			#	0	0	27	#	7		
MAY	86	80	68	58	6.9	5.0			ESE	7	38	79	78	67	.67	400	26	5			1	0	0	14	#	6		
JUN	86	76	64	54	4.6	2.6			ESE	8	35	77	77	64	.60	300	21	4			0	0	0	3	3	6		
JUL	81	75	63	52	5.1	3.6			ESE	8	36	74	77	61	.54	300	23	2			0	0	0	1	5	7		
AUG	79	75	63	54	3.3	1.3			ESE	8	35	76	74	61	.54	300	24	1			0	0	0	0	7	7		
SEP	84	77	64	55	3.3	4.9			ESE	8	36	72	72	62	.56	250	19	1			#	0	0	3	3	6		
OCT	85	79	64	57	2.2	1.6			ESE	3	38	68	70	62	.56	350	14	#			0	0	0	12	4	6		
NOV	88	82	67	59	3.1	3.3			E	7	30	67	69	66	.64	300	14	2			#	0	0	27	#	6		
DEC	91	83	70	63	6.8	11.5			E	7	32	74	75	69	.71	400	18	4			0	0	1	29	0	7		
ANN	92	80	68	52	77.3	11.7	0	0	ESE	8	113	75	76	66	.64	350	250	42	0	0	5	#	8	204	22	0	7	
EYR	6	6	6	6	10	10	5	5	4	4	9	4	6	6	6	10	6	4	5	5	5	5	5	5	5	6		

REMARKS:
 1 At 1000 and 1600 hours only.
 2 At 1000, 1300, 1600 hours only.

N SURRY POR: 4902-5612. World Weather Records 1968. Mauritius Observatory Dept: 1951-1961

NOTE: *DATA NOT AVAILABLE. (LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.)

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
LOW CLOUD AMOUNT 7/10 THRU 10/10 WITH LOW CLOUD HEIGHT LESS THAN 3300 FEET	1000	40	35	31	27	38	37	39	37	33	27	22	36	34	4
	1600	11	9	7	13	12	20	18	17	14	13	20	14	14	5
-- AND/OR -- VISIBILITY LESS THAN 2 1/2 MILES	1000	21	23	20	13	22	19	13	12	12	6	8	19	16	4
	1600	7	5	6	7	6	13	8	7	6	5	9	8	7	5
LOW CLOUD AMOUNT 7/10 THRU 10/10 WITH LOW CLOUD HEIGHT LESS THAN 1000 FEET	1000	3	5	3	3	6	7	3	2	0	2	0	5	3	4
	1600	1	0	1	1	1	5	3	4	4	1	1	3	2	5
-- AND/OR -- VISIBILITY LESS THAN 2 1/2 MILES	1000	0	0	0	0	0	1	1	1	0	0	0	1	#	4
	1600	0	0	0	0	0	0	0	0	0	0	0	0	0	5

AWS CLIMATIC BRIEF

ST. BRANDON (ST. RAPHAEL), CARIBBEAN ISLANDS
 CARAJOS PERIOD: 1949-56

WBAN #
 WMO # 61986

Prepared by ETAC (AUG 1971)

MEDIAN OCEAN S 16 27 E 59 37

GROUND ELEVATION: 7 FT (STN LTRS)

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN					MEAN NUMBER OF DAYS										MEAN CLDS (TENTHS)						
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME SPEED (MAXIMUM)	RELATIVE HUMIDITY (%)		DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE	99.95%	PRECIP: 0.01 in		PRECIP: 0.5 in	SNOWFALL: 0.1 in	SNOWFALL: 1.5 in	THUNDERSTORMS ²		FOG (< 7 MILES)	TEMPERATURE (°F)				
												3000						90 ¹	80 ¹							60 ¹	50 ¹			
												1600	1600																	
JAN	94	86	78	71	7.7	4.6			E	11	70	77	77			300		15	4					0	0	4	31		5	
FEB	97	87	78	72	7.5	2.9			E	9	24	77	78			300		15	2					0	0	5	28		5	
MAR	95	87	78	72	8.4	5.5			E	9	25	78	79			300		18	4					0	0	8	31		5	
APR	94	85	76	70	4.3	2.9			ESE	12	28	77	80			300		17	4					0	0	3	30		5	
MAY	91	83	75	68	3.3	1.8			ESE	12	24	77	80			200		18	1					0	0	0	29		5	
JUN	86	80	73	67	2.3	2.1			ESE	14	30	76	81			100		16	1					0	0	0	14		5	
JUL	87	78	71	66	1.9	0.7			ESE	14	25	77	79			200		18	0					0	0	0	5		4	
AUG	87	77	70	64	1.6	1.1			ESE	14	26	78	78			200		20	1					0	0	0	3		5	
SEP	85	78	70	63	1.0	0.8			ESE	14	26	74	78			100		12	0					0	0	0	4		5	
OCT	89	80	72	68	0.8	0.3			ESE	13	23	74	77			200		11	0					0	0	0	18		4	
NOV	96	83	74	70	1.5	0.5			ESE	10	22	72	76			150		8	0					0	0	1	30		4	
DEC	95	87	76	71	1.8	4.5			E	8	23	73	76			200		9	1					0	0	6	31		4	
ANN	97	83	74	63	42.1	5.5	0	0	ESE	12	70	76	78	*	*	200		177	18	0	0	0	0	0	0	27	254	0	0	4
EYR	7	5	5	7	10	6	5	5	5	5	5	5	5			10		4	4	5	5	5	5	5	5	5	5	5	5	

REMARKS

¹ AT 1000 AND 1600 HOURS ONLY.

² STORMY PER: 1000 HOURS: 5301-5612, 1600 HOURS: 4902-5407. BRIT MET TABLES: 1945, 1946, 1954.

NOTE: ³ DATA NOT AVAILABLE. ⁴ LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
LOW CLOUD AMOUNT 7/10 THRU 10/10 WITH LOW CLOUD HEIGHT LESS THAN 3300 FEET -- AND/OR -- VISIBILITY LESS THAN 2 1/2 MILES	1000	14	14	18	21	31	35	39	48	35	19	13	8	25	4
	1600	10	11	7	11	14	11	13	6	13	8	12	4	10	5
LOW CLOUD AMOUNT 7/10 THRU 10/10 WITH LOW CLOUD HEIGHT LESS THAN 2000 FEET -- AND/OR -- VISIBILITY LESS THAN 2 1/2 MILES	1000	9	6	11	13	13	17	14	17	9	10	2	6	11	4
	1600	9	8	7	8	9	9	12	2	7	3	3	3	7	5
LOW CLOUD AMOUNT 7/10 THRU 10/10 WITH LOW CLOUD HEIGHT LESS THAN 1000 FEET -- AND/OR -- VISIBILITY LESS THAN 2 1/2 MILES	1000	4	0	1	3	2	2	2	2	1	1	0	0	2	4
	1600	3	2	1	2	1	1	4	1	0	0	1	1	1	5
LOW CLOUD AMOUNT 7/10 thru 10/10 WITH LOW CLOUD HEIGHT EQUAL TO OR LESS THAN 300 FEET -- AND/OR -- VISIBILITY LESS THAN 5/8 MILE	1000	2	0	0	0	1	0	1	1	0	1	0	0	1	4
	1600	0	0	0	1	0	0	1	0	0	0	0	0	0	2

AWS CLIMATIC BRIEF

YACDAS, MAURITIUS, INDIAN OCEAN

PERIOD: 1951-61

WBAN # 61995
WMO # 61995

Prepared by ETAC (AUG 1971)

S 20 18 E 57 30

GROUND ELEVATION: 1394 FT STN LTRS:

MONTH	TEMPERATURE (°F)				PRECIPITATION (in)		WIND (KT)		MEAN				MEAN NUMBER OF DAYS							MEAN CLOUDS (TENTHS)									
	EXTREME MAXIMUM	MEAN DAILY MAXIMUM	MEAN DAILY MINIMUM	EXTREME MINIMUM	MEAN TOTAL	MAXIMUM IN 24 HOURS	MEAN SNOWFALL	MAX SNOWFALL IN 24 HOURS	PREVAILING DIRECTION	MEAN SPEED	EXTREME (PEAK) SPEED (GUST)	RELATIVE HUMIDITY 1000	RELATIVE HUMIDITY 1900	DEW POINT (°F)	VAPOR PRESSURE (in Hg)	PRESSURE ALTITUDE	99.95%	PRECIPZ 0.01	PRECIPZ 0.5		SNOWFALL ≥ 0.1	SNOWFALL ≥ 1.5	THUNDERSTORMS	FOG (< 7 MILES)	TEMPERATURE (°F)				
																									MAXIMUM		MINIMUM		
	90	80	70	60	50	40	30	20	10	0	90	80	70	60	50														
JAN	90	81	69	63	10.9	10.6			E	7	97	81	78					23	6			0				0	24	0	0
FEB	87	81	69	61	13.5	13.4			E	6	103	81	79					21	6			0				0	21	0	0
MAR	87	81	69	63	14.5	11.2			E	6	96	84	78					24	7			0				0	22	0	0
APR	84	78	67	56	7.8	5.5			E	8	94	82	79					20	3			0				0	9	0	0
MAY	83	75	64	54	7.9	4.1			E	8	40	83	79					22	4			0				0	2	1	0
JUN	79	72	61	52	5.1	2.4			E	9	42	84	77					22	4			0				0	0	7	0
JUL	79	71	60	48	5.1	2.6			E	9	38	80	78					23	3			0				0	0	16	0
AUG	75	71	59	50	4.3	1.4			ESE	9	44	80	75					22	3			0				0	0	17	0
SEP	77	72	60	53	3.1	1.7			ESE	10	39	78	71					21	2			0				0	0	15	0
OCT	82	74	61	52	1.5	2.7			E	8	37	73	68					15	0			0				0	1	11	0
NOV	84	78	63	49	2.7	3.0			E	7	32	71	69					14	2			0				0	7	3	0
DEC	87	81	67	59	8.4	5.3			E	5	70	77	73					18	6			0				0	18	0	0
ANN	90	76	64	48	84.8	13.4	*	*	E	8	103	80	75	*	*	*	*	245	46	*	*	0				0	104	70	0
EYR	6	6	6	6	6	6			6	6	8	4	6					6	4			4				4	4	4	4

REMARKS

¹ At 1000 hours only.

N SUMMARY FOR: 5301-5612. MAURITIUS OBSERVATORY DEPT: 1951-1961.

NOTE: *DATA NOT AVAILABLE. ¹LESS THAN 0.5 DAY, 0.5 OR 0.05 INCH, OR 0.5 PERCENT (%) AS APPLICABLE.

FLYING WEATHER (% FREQ)	HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	EYR
LOW CLOUD AMOUNT 7/10 THRU 10/10 WITH LOW CLOUD HEIGHT LESS THAN 3300 FEET -- AND/OR -- VISIBILITY LESS THAN 2 1/2 MILES	1000	35	34	28	25	31	34	27	29	42	47	43	48	35	4
LOW CLOUD AMOUNT 7/10 THRU 10/10 WITH LOW CLOUD HEIGHT LESS THAN 2000 FEET -- AND/OR -- VISIBILITY LESS THAN 2 1/2 MILES	1000	24	19	22	13	23	25	17	15	18	14	16	19	19	4
LOW CLOUD AMOUNT 7/10 THRU 10/10 WITH LOW CLOUD HEIGHT LESS THAN 1000 FEET -- AND/OR -- VISIBILITY LESS THAN 2 1/2 MILES	1000	8	3	12	3	6	11	5	2	2	5	7	4	6	4
LOW CLOUD AMOUNT 7/10 THRU 10/10 WITH LOW CLOUD HEIGHT EQUAL TO OR LESS THAN 300 FEET -- AND/OR -- VISIBILITY LESS THAN 5/8 MILE	1000	0	1	2	0	0	0	0	0	0	0	0	0	0	4

PREPARED BY USAFETAC STATION NAME DILLON GARCIA, INDIAN OCEAN PERIOD JAN 1951 - DEC 1977 STN LTR# FJIG
 :MARCH 1974 LOCATION 507 18 LU72 24 ELEV 9' WMO NO 71701 WMO NO 61967

AWS CLIMATIC BRIEF

M O N T H	1 & 2 TEMPERATURE (°F)		1 & 2 PRECIPITATION (IN)			1 & 2 SNOWFALL (IN)		RELATIVE HUMIDITY (%)	WIND VELOCITY (KNOTS)	WIND DIRECTION	WIND GUSTS (KNOTS)	SURFACE WINDS (KNOTS)	1 & 2 MEAN NUMBER OF DAYS IN EACH MONTH OF		TEMPERATURE (°F)																				
	MEAN		MONTHLY			MONTHLY							1	2	3	4	5	6	7	8	9	10													
	DAILY	MONTHLY	MEAN	MAX	MIN	MEAN	MAX																1	2											
	MAX	MIN	MAX	MIN	MAX	MEAN	MAX						04	05	06	07	08	09	10	11	12	13	14												
JAN	86	77	82	92	70	12.7	27.3	4.1	5.3	0	0	0	90	79	.90	76	250	W	7	40	8	22	8	0	0	0	1	0	0	0	1	2	0		
FEB	86	78	81	93	70	10.4	20.1	2.8	6.1	0	0	0	90	81	.90	76	250	W	6	41	6	20	7	0	0	0	0	0	0	0	1	2	0		
MAR	87	77	83	95	70	8.7	17.3	1.9	4.5	0	0	0	89	77	.88	75	250	W	6	32	6	17	5	0	0	0	0	0	0	0	0	1	2	0	
APR	87	78	83	91	70	7.1	17.8	2.5	4.8	0	0	0	88	74	.90	76	250	SE	5	33	6	18	4	0	0	0	0	1	0	0	0	1	1	0	
MAY	86	77	82	91	70	6.3	29.9	1.0	14.8	0	0	0	85	75	.85	74	200	SE	7	28	5	16	3	0	0	0	0	1	0	0	0	1	2	0	
JUN	84	76	80	95	69	5.9	16.7	0.8	5.1	0	0	0	87	76	.82	73	200	SE	8	32	6	16	3	0	0	0	0	2	0	0	0	1	2	0	
JUL	83	75	79	88	69	6.2	25.3	0.9	7.8	0	0	0	85	77	.79	72	200	SE	10	29	8	18	3	0	0	0	1	0	0	0	0	0	3	0	
AUG	83	75	79	88	66	6.4	23.2	0.2	12.9	0	0	0	82	73	.77	71	200	SE	10	32	6	16	3	0	0	0	0	1	0	0	0	0	0	4	0
SEP	83	76	80	89	70	9.0	24.5	0.5	6.6	0	0	0	86	78	.82	73	200	SE	9	32	8	17	3	0	0	0	0	1	0	0	0	0	0	4	0
OCT	84	76	80	90	66	10.7	26.4	1.6	7.5	0	0	0	86	77	.85	74	200	SE	9	31	8	19	6	0	0	0	1	0	0	0	0	1	3	0	
NOV	86	76	81	90	70	8.9	21.8	1.0	6.0	0	0	0	87	77	.85	74	200	SE	7	35	6	18	6	0	0	0	0	1	0	0	0	0	0	3	0
DEC	86	76	82	91	65	9.9	28.7	3.3	5.0	0	0	0	88	77	.85	74	250	SE	6	35	6	19	6	0	0	0	0	1	0	0	0	0	0	3	0
ANNUAL	85	76	81	95	65	102.2	29.9	0.2	14.8	0	0	0	87	77	.85	74	250	SE	7	41	6	216	59	0	0	0	10	0	0	0	0	7	31	0	
REMARKS	27	27	27	27	27	27	27	27	27	6	6	3	3	3	3	3	3	3	12	12	6	12	27	27	6	6	2	2	27	27	27				

REMARKS 1. NCC Summary of the Day Form 5670 JAN 72 - DEC 77. NUMBER OF TROPICAL CYCLONES WITH WIND > 33 KNOTS WITHIN AN AREA 5-10°S/70-75°E.
 2. SMOS POR: 1951 - 1974. POR: 1854 - 1969.
 3. From USAFETAC DATSAV DATA BASE POR: JAN 1966-DEC 1977.

NOTE * DATA NOT AVAILABLE	AMTS	UNITS SHOWN IN HEADING												INSTANTANEOUS PEAK WINDS												CALM GTR												PVG DRECT												BASED ON												FULL MONTHS											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL		EVS		JAN		FEB		APR		MAY		SEP		OCT		NOV		DEC		ANNUAL		EVS																									
CEILING LESS THAN 3000 FT AND OR VISIBILITY LESS THAN 3 MI	HRS	00-02	17	9	11	9	13	7	15	12	17	13	15	19	17	11	13	13	15	17	17	21	15	13	13	17	15	16	16	18	16	16	16	15	14	14	3																																				
CEILING LESS THAN 1500 FT AND OR VISIBILITY LESS THAN 3 MI	HRS	00-02	4	2	1	7	6	3	9	4	1	4	5	4	3	5	5	4	4	4	5	5	4	4	4	5	5	5	5	5	5	5	5	5	4	4	3																																				
CEILING LESS THAN 1000 FT AND OR VISIBILITY LESS THAN 3 MI	HRS	00-02	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3																																			
CEILING LESS THAN 200 FT AND OR VISIBILITY LESS THAN 1/2 MI	HRS	00-02	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	3																																		

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31WS/DON, APO New York 09136-5000.....	1
3WW/DN, Offutt AFB, NE 68113-5000.....	2
9WS/DON, March AFB, CA 92518-5000.....	3
24WS/DON, Randolph AFB, TX 78150-5000.....	1
26WS/DON, Barksdale AFB, LA 71110-5002.....	7
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3WS/DON, Shaw AFB, SC 29152-5000.....	1
5WS/DON, Ft McPherson, GA 30330-5000.....	1
25WS/DON, Bergstrom AFB, TX 78743-5000.....	1
AFGWC/SDSL, Offutt AFB, NE 68113-5000.....	5
USAFETAC, Scott AFB, IL 62225-5438.....	6
7WW/DN, Scott AFB, IL 62225-5008.....	7
6WS/DON Hurlburt Field, FL 32544-5000.....	1
15WS/DON, McGuire AFB, NJ 08641-5002.....	14
17WS/DON, Travis AFB, CA 94535-5986.....	14
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NOAA Library-EOC4WSC4, Attn: ACQ, 6009 Executive Blvd, Rockville MD 20852	1
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Atmospheric Sciences Laboratory, White Sands Missile Range, NM 88002-5501	1
U.S. Army Missile Command, ATTN: AMSMI-RD-TE-T, Redstone Arsenal, AL 35898-5250	1
Technical Library, Dugway Proving Ground, Dugway, UT 84022-5000	1
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NWS Training Center, 617 Hardesty, Kansas City, MO 64124	1
NCDC Library (D542X2), Federal Building, Asheville, NC 28801-2723	1
JSOC/Weather, P.O. Box 70239, Fort Bragg, NC 28307-5000	1
75th RGR ((Attn: SWO), Ft Benning GA 31905-5000	1
HQ 5th U.S. Army, AFKB-OP (SWO), Ft Sam Houston, TX 78234-7000	1
8TDCS/DA, Tinker AFB, OK 73145-6503	1
DTIC-FDAC, Cameron Station, Alexandria, VA 22304-6145	2
AUL/LSE, Maxwell AFB, AL 36112-5564	1
AWSTL, Scott AFB, IL 62225-5438	75