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FL 4414
SCOTT AFB, IL 62225

125 MAR 1981

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

MAUI OPTICAL SITE HI NORTH TOWER WBAN #00001

PARTS C, E-F
POR FROM HOURLY OBS: NOV 77 - MAR 80, JUL - OCT 80

MAUI OPTICAL SITE HI SOUTH TOWER WBAN #00002

PARTS C
POR FROM HOURLY OBS: DEC 77 - MAR 80, JUL 80 - AUG 80

MAR 23 1981

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ASHEVILLE, N. C.

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18 SUPPLEMENTARY NOTES

PARTS A,B,D ARE MISSING FROM THIS DOCUMENT.

ALL PREVIOUS SUMMARIES ARE OBSOLETE

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

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

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

This report is a six-part statisitical summary of surface weather observations for MAUI OPTICAL SITE, MT HALEKUALIA, HAWAII. It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

DD FORM 1 JAN 73 1473

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19. Percentage frenquency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
* HAWAII * MAUI OPTICAL SITE

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

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PART C SURFACE WINDS

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

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

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

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

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

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

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

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

C

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.7	1.1	3.4	.6	.6						7.4	12.2
NNE		1.7	1.1	3.4		1.1	.6					7.9	13.6
NE		.6	2.3	5.1	1.1							9.1	12.1
ENE		.6	5.1	8.0	1.1	.6	.6					15.9	12.9
E			1.1	1.1	1.1							3.4	13.7
ESE	.6		.6	1.7								2.8	9.2
SE		.6	1.1									1.7	8.3
SSE		1.1										1.1	6.0
S			1.1	.6	.6	1.1						3.4	16.3
SSW	1.1	1.7	.6									3.4	5.3
SW		1.1	1.1	1.7	2.8	2.3	1.1	.6				10.8	18.7
WSW	.6	1.1	.6	1.7		1.1						5.1	13.0
W		2.3		2.8								5.1	10.1
WNW		1.7		2.3			.6					4.5	11.4
NW	.6	1.7	2.8	1.1	.6		1.1					8.0	11.9
NNW	.6	1.7	2.8	2.3	.6	1.7	.6					10.2	12.9
VARBL													
CALM													
	3.4	17.6	21.6	35.2	8.5	8.5	4.5	.6				100.0	12.8

TOTAL NUMBER OF OBSERVATIONS 176

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) HAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.3	.6	.6		.6	1.2	1.2				6.4	17.5
NNE	.6	2.3	1.2	4.0		1.7						9.8	12.8
NE		1.2	7.5	4.6	1.2							10.4	11.4
ENE	.6	1.2	1.7	5.2	3.5	1.7						13.9	13.9
E		1.7	1.7		.6	.6						4.6	10.9
ESE		.6	1.2									1.7	8.3
SE			1.7	.6								2.3	9.0
SSE		1.2	.6	1.2		.6						3.5	11.7
S		1.2		.6	.6	.6						2.9	13.6
SSW	.6	2.3	.6	.6		.6						4.6	9.0
SW	.6	1.7		2.3	2.3	1.2						8.1	13.7
WSW		2.3	.6	3.5	1.2	.6	.6					8.7	13.4
W				2.3		.6						2.9	15.6
WNW	1.2	.6	1.2	.6	.6	.6						4.6	9.8
NW	.6	2.3	.6	2.3	1.2							6.9	10.4
NNW		1.7	2.3	2.9	1.7							8.7	11.4
VARBL													
CALM													
	4.0	22.5	17.3	31.2	12.7	9.2	1.7	1.2				100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 173

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

SLI WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.6	1.8	1.8	1.8	2.4	.6	1.8				11.8	18.3
NNE		.6	1.8	3.0	.6	.6						6.5	12.3
NE			2.4	3.0	.6							5.9	12.2
ENE		2.4	3.0	4.7	1.2	.6	.6					12.4	12.4
E		1.2	3.6	4.1	2.4	.6						11.8	13.0
ESE			1.2									1.2	10.0
SE		1.2	.6				.6					2.4	13.0
SSE				1.2				.6	.6			2.4	26.5
S				.6		1.8						2.4	21.5
SSW			1.2	.6	.6							2.4	13.0
SW	1.8	1.2	1.8	3.6	2.4	1.8	.6					13.0	13.4
WSW	.6	2.4	1.2	1.2	1.2							6.5	9.3
W	.6	.6	.6	1.8	.6							4.1	10.7
WNW		1.2			.6							1.8	10.3
NW	1.2	.6	1.2	1.8	.6	.6						5.9	10.7
NNW	.6	1.8	3.0	2.4	1.8							9.5	10.9
VARBL													
CALM													
	5.9	13.6	23.1	29.6	14.2	5.3	2.8	2.4	.6			100.0	13.3

TOTAL NUMBER OF OBSERVATIONS 169

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6		2.4	2.4	.6	.6		.6				7.1	13.8
NNE		.6	1.2	2.9	2.4	1.2						8.2	15.2
NE		.6	1.2	2.4	1.2	1.2						6.5	14.4
ENE	.6	1.8	2.9	3.5		1.2	.6					10.6	12.1
E	.6	.6	1.2	4.7	1.2	1.2						9.4	13.2
ESE			.6			.6						1.2	16.5
SE			1.8									1.8	9.3
SSE	.6			.6								1.2	8.5
S		1.8	.6		.6	.6						3.5	11.2
SSW	.6		1.2	.6	1.2	1.2						4.7	15.0
SW	.6	1.2	2.4	2.4	3.5							10.0	12.6
WSW	2.4	1.2	.6	2.9	1.2							8.2	9.1
W	1.8	1.2	1.2	1.8	1.2							7.1	9.0
WNW	.6		.6	1.8								2.9	10.4
NW	1.2	.6	4.7	2.9								9.4	9.1
NNW	.6	1.2	3.5	2.9								8.2	8.6
VARBL													
CALM													
	10.0	10.6	25.9	31.8	12.9	7.6	.6	.6				100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 170

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	2.2	1.7	.6							5.0	10.9
NNE		1.7	1.1	2.8	.6							6.1	10.3
NE		.6	2.8	3.9	.6	.6						8.4	12.2
ENE		.6	2.2	7.3	1.1	1.7						12.8	13.7
E		2.2	1.1	1.7	.6	1.1						6.7	12.3
ESE		.6		1.7	1.1							3.4	13.5
SE		.6	1.7	.6								2.8	8.0
SSE			1.1									1.1	10.0
S			.6		.6		.6					1.7	20.7
SSW				2.8								2.8	12.8
SW	1.1	.6	2.2	1.7	2.8	3.4	.6					12.8	16.9
WSW	.6	.6	.6		.6							2.2	6.8
W	2.2	2.2	.6	2.8								7.8	7.4
WNW	.6	2.8	1.7	2.2	.6							7.8	8.9
NW	.6	2.2	2.8	3.4	1.1	.6						10.6	10.6
NNW		1.1	3.9	1.7	1.1							7.8	10.2
VARBL													
CALM													
	5.0	16.2	28.6	34.1	11.2	7.8	1.1					100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 179

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5		1.6	3.8	.5							6.6	11.7
NNE		.5	2.7	2.2	.5							6.0	10.9
NE	.5	1.1	4.9	3.8	1.1							11.5	10.3
ENE		.5	2.7	3.8	2.7	1.6						11.5	14.9
E			1.6	1.6	.5	.5						4.4	13.9
ESE				.5	.5		.5					1.6	20.3
SE	1.1	1.1		1.1		.5						3.8	9.3
SSE		1.6		1.1								2.7	7.8
S		1.1	.5	1.1								2.7	9.0
SSW				2.7	.5	.5						3.8	16.4
SW		.5	1.1	3.9	1.6	2.7						9.9	16.1
WSW	.5		.5		2.2							3.3	14.0
W	1.1	.5	.5	2.2	1.6							6.0	11.2
WNW	1.1	1.6	1.6	1.1	2.2							7.7	10.6
NW		2.7	4.4	4.4	1.1	.5						13.2	10.9
NNW		2.2	.5	1.6	.5							4.9	9.2
VARBL													
CALM													
	4.9	13.7	23.1	35.2	15.9	6.6	.5					100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 182

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

02001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.6	.6	3.3	1.1	.6						6.7	12.7
NNE		.6	1.1	1.7	2.8							6.1	13.9
NE			2.2	3.9	1.1							7.2	12.5
ENE	1.1	.6	5.0	9.4	2.2							18.3	11.8
E		.6	2.2	3.3	1.1							7.2	12.1
ESE			.6	.6								1.1	10.0
SE	.6			.6	1.1							2.2	14.0
SSE	.6		.6									1.1	6.0
S	.6	1.7	1.7	1.1								5.0	7.7
SSW			.6	.6	1.7							2.8	15.8
SW		.6	1.1	3.3	2.8		1.1	.6				9.4	17.6
WSW	.6	.6	.6	1.7	.6	1.1	.6					5.6	15.2
W		1.1	.6	1.7	.6	2.2						6.1	15.7
WNW		2.2	1.1	1.1	.6	.6						5.6	10.9
NW	.6	.6	2.8	2.2	3.3	.6						10.0	13.1
NNW	.6	1.7		2.8	.6							3.6	9.8
VARBL													
CALM													
	5.0	10.6	20.6	37.2	19.4	5.0	1.7	.6				100.0	12.8

TOTAL NUMBER OF OBSERVATIONS 180

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.1	1.1	1.1	1.7							5.0	11.6
NNE	.6		1.1	3.9	.6							6.1	11.6
NE		.6	2.8	7.8	1.7	.6						13.3	12.6
ENE		.6	6.1	5.6	.6	1.1						13.9	11.8
E			1.7	3.3	.6							5.6	11.7
ESE						1.7						1.7	24.0
SE	.6	1.1		.6	.6							2.8	9.8
SSE			1.1	.6		.6						2.2	14.0
S		.6	2.2	.6								3.3	8.3
SSW	.0			1.1	.6	.6						2.8	14.6
SW			1.1	3.9	2.8	2.2	.6					10.6	17.7
WSW	.6	1.1	1.1	2.2	1.7							6.7	11.0
W		1.1	1.7	1.7	1.7							6.1	11.6
WNW	1.7	1.1	.6	.6	.6	1.1						5.6	10.9
NW		2.2	2.2	.6	1.1	1.1						7.2	12.0
NNW		2.2	1.1	2.8		1.1						7.2	12.2
VARBL													
CALM													
	3.9	11.7	23.9	36.1	13.9	10.0	.6					100.0	12.6

TOTAL NUMBER OF OBSERVATIONS 180

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.9	1.4	2.3	.9	.6	.2	.4				7.0	14.0
NNE	.1	1.0	1.4	3.0	.9	.6	.1					7.1	12.7
NE	.1	.6	2.8	4.3	1.1	.3						9.1	12.0
ENE	.3	1.0	3.6	6.0	1.6	1.1	.2					13.7	12.9
E	.1	.8	1.8	2.5	1.0	.5						6.6	12.6
ESE	.1	.1	.5	.6	.2	.3	.1					1.9	13.8
SE	.3	.6	.9	.4	.2	.1	.1					2.5	10.0
SSE	.1	.5	.4	.6		.1		.1	.1			1.9	12.3
S	.1	.8	.9	.6	.3	.5	.1					3.1	12.4
SSW	.4	.5	.5	1.1	.6	.4						3.4	12.6
SW	.5	.9	1.3	2.8	2.6	1.8	.5	.1				10.6	15.9
WSW	.7	1.1	.7	1.6	1.1	.4	.1					5.7	11.7
W	.7	1.1	.6	2.1	.7	.4						5.7	11.0
WNW	.6	1.4	.9	1.2	.6	.3	.1					5.1	10.3
NW	.6	1.6	2.7	2.3	1.1	.4	.1					8.9	11.1
NNW	.3	1.7	2.1	2.4	.8	.4	.1					7.7	10.8
VARBL													
CALM													
	5.3	14.5	22.5	33.9	13.6	7.9	1.6	.6	.1			100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 1409

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

30001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.5	1.5	1.0								3.4	8.1
NNE		1.5		1.5		.5						3.4	11.4
NE		1.0	1.0	1.0	1.0	.5						4.4	12.0
ENE		.5	4.4	2.9	1.0							8.8	11.6
E		.5	2.9	2.9	.5							6.8	10.3
ESE	.5		2.9									3.4	7.7
SE		1.5	2.9	2.0	.5	2.4	.5					9.8	13.7
SSE			.5	1.5	2.0	.5	.5	1.0				5.9	20.8
S	1.0	.5			1.0							2.4	10.0
SSW	.5	1.0	.5	1.0								2.9	8.2
SW		1.5	2.0	3.4	1.5	2.0	.5					10.7	14.9
WSW	.5	.5	1.0	2.4	2.4	.5	1.5	.5				9.3	17.5
W		2.0	1.0	1.0								3.9	8.1
WNW		2.0	2.9	3.9	.5		.5					9.8	11.2
NW		.5	2.0	3.4	1.5	2.0	.5	.5				10.2	16.5
NNW		.5	2.0	2.0	.5							4.9	11.1
VARBL													
CALM													
	2.9	13.7	27.3	29.8	12.2	8.3	3.9	2.0				100.0	13.1

TOTAL NUMBER OF OBSERVATIONS 205

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93001	MAUI OPTICAL SITE HI NORTH TOWER	78-80	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.5	.5	.5								1.5	8.3
NNE		.5	1.0	1.0	.5							2.9	10.8
NE		.5	2.4	2.0	1.0							5.9	11.4
ENE		1.0	.5	1.0	3.4	.5						6.3	14.5
E		.5	2.4	2.0								4.9	9.7
ESE		2.0	2.4	1.5								5.9	9.0
SE	.5	2.9	1.0	1.0		2.0	1.0					8.3	13.8
SSE	.5	.5	1.5	1.5	1.0	1.0	.5	1.0				7.3	17.5
S		1.0	2.0	1.5	1.0							5.4	11.2
SSW		1.0		.5	1.0	.5	.5					3.4	17.3
SW	.5	.5	2.0	3.9	4.9	2.4						14.1	15.8
WSW		.5	.5	.5	1.5	1.5						4.4	17.3
W	.5	1.0	2.4	.5	.5	.5						5.4	9.6
WNW	.5	1.5	1.5	2.4	2.0			.5				8.3	12.9
NW	1.0	.5	2.9	2.0	2.9	1.0	1.0					11.2	14.7
NNW	1.0	.5	1.0	2.0	.5							4.9	10.3
VARBL													
CALM													
	4.4	14.6	23.9	23.8	20.0	9.3	2.9	1.5				100.0	13.4

TOTAL NUMBER OF OBSERVATIONS 205

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N			2.4	2.4	.5							5.2	12.5
NNE	.5		1.4	.9		.5						3.3	10.9
NE		.5	.5		.5							1.4	11.7
ENE		1.9	3.8	3.3	1.4							10.4	10.7
E			1.9	4.3	.9	.5						7.6	13.9
ESE			.9		.5							1.4	11.7
SE		.9	2.8	.5	.9		.5					5.7	12.4
SSE			.5	1.9	1.9	.9		.5				5.7	18.5
S		.9	.9	1.4	.9	.9						5.2	14.3
SSW			.9		1.4	1.4						3.8	17.9
SW		.5	2.8	4.7	4.7	1.4	2.4	.5				17.1	17.8
WSW			1.9	2.4	.9							5.2	12.1
W		1.9	1.9									3.8	6.6
WNW	.5	1.4	.9	3.3	.9							7.1	11.3
NW	1.4	.9	1.4	3.8	3.8	1.9	.5					13.7	14.9
NNW			.5	1.9	.9							3.3	14.3
VARBL													
CALM													
	2.4	9.0	25.6	30.8	20.8	7.6	3.3	.9				100.0	13.9

TOTAL NUMBER OF OBSERVATIONS 211

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.0	1.9	2.4								5.3	9.8
NNE		1.0	1.4	.5								2.9	8.2
NE		1.0	2.4	1.0								4.3	8.7
ENE		1.0	3.3	4.8	1.0							10.0	11.1
E		.5	2.4	2.4	1.4	1.0						7.7	13.7
ESE			1.9	1.4	1.0							4.3	11.8
SE			1.9	1.4	.5		.5					4.3	13.6
SSE			.5	2.9	1.9	1.0	.5					6.7	17.2
S			.5	.5	1.4	1.0		1.0				4.3	23.1
SSW		1.9	.5	1.4	1.0	1.4	.5					6.7	15.1
SW		.5	3.8	2.9	3.8	1.9	1.4	.5				14.8	16.9
WSW	.5	.5	1.4	2.4	1.4							6.2	12.5
W	1.0	2.4	1.0	.5	.5							5.3	7.4
WNW		.5	1.4		.5	1.4						3.8	15.3
NW	1.4	.5	3.3	2.4	1.9	1.4	.5					11.5	13.1
NNW		.5	.5	.5	.5							1.9	10.8
VARBL													
CALM													
	2.9	11.0	28.2	27.3	16.7	9.1	3.3	1.4				100.0	13.5

TOTAL NUMBER OF OBSERVATIONS 209

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.5	.9	1.4	.5							3.3	10.7
NNE	.5	1.9	2.3									4.7	6.3
NE	.5	.5	3.7	1.4								6.1	8.7
ENE	.5	.5	2.3	1.9	.9							6.1	10.5
E			1.9	1.9	.9							4.7	12.5
ESE		.5	.9	1.4	.9	.5						4.2	13.3
SE		.5	.9	.9	.5	.5						3.3	13.4
SSE			.5	1.4	1.4	1.4	.5	.5				5.6	20.5
S	.5	.5	.9	1.4	.5	.5	.5					4.7	13.8
SSW		.9	.5	1.9	.9							4.2	12.1
SW	.9	1.4	2.3	1.9	2.8	.5	2.3	.9				13.1	16.6
WSW		.9	2.8	.9	1.4	.5	1.4					7.9	14.8
W	.5	1.9	1.9	2.3	.5	.5						7.5	9.8
WNW	1.4	.9	.9	2.3								5.6	9.0
NW	.9	3.3	2.3	1.9	.9	2.3	1.9	.5				14.0	14.7
NNW	.5	1.4	1.9	.5	.5	.5						5.1	10.3
VARBL													
CALM													
	6.1	15.4	27.1	23.4	12.6	7.0	6.5	1.9				100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 214

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.5	1.4	2.8								5.2	10.5
NNE		1.4	.9	.5								2.8	8.7
NE	.2	.9	2.8	1.4								6.1	8.8
ENE		1.9	3.8	3.3								8.9	9.0
E		.5	2.3	.9	.5	.5						4.7	11.9
ESE		.9	.9	.9								2.8	9.0
SE		.5	.9	.5		.5		.5				2.8	15.5
SSE	.5			1.9	1.9	1.4	.5	.5				6.6	19.6
S			.9	.9	1.4							3.3	14.9
SSW	.5		.9	1.4		.5						3.3	12.0
SW	.9	.9	2.3	2.8	3.3	2.3						12.7	14.3
WSW	.5	.9	1.9	1.9	.9	.5		.5				7.0	13.1
W	.5	1.9	2.8	3.3	.9	.5	.5					10.3	11.8
WNW	.5	1.9	4.2	2.8	1.9	.5						11.7	10.9
NW	.5	1.4	1.4	2.3	.9	1.9	.9					9.4	14.4
NNW			.5	.9		.9						2.3	16.2
VARBL													
CALM													
	5.2	13.6	28.2	28.6	11.7	8.4	1.9	1.4				100.0	12.6

TOTAL NUMBER OF OBSERVATIONS 213

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.5	1.0	1.4	1.0							3.8	12.6
NNE		1.9	1.0	1.0	.5	.5						4.8	10.4
NE	.5	.5	1.0	3.3								5.2	10.6
ENE			5.7	2.9								8.6	9.4
E		1.0	1.9	1.0								3.8	9.3
ESE			1.4	1.9	1.0							4.3	13.3
SE	.5		1.0	2.4	.5	.5						4.8	12.7
SSE		1.4	1.0	1.9	1.0	1.4						6.7	14.1
S	1.0	.5	1.4	2.4	1.0							6.2	11.0
SSW		.5		.5	.5	.5						1.9	14.3
SW	.5	1.4	1.9	1.9	1.9	2.9	.5					11.0	15.7
WSW	1.4	1.0	1.0	3.3	1.0	.5						7.6	11.8
W		.5	1.9	1.4	2.4	1.0	.5					7.6	15.9
WNW			1.4	2.4	.5	1.0						5.2	13.5
NW		.5	2.4	5.7	1.9	2.4	1.0					13.8	15.7
NNW	1.0	1.0	1.0	1.4	.5							4.8	9.3
VARBL													
CALM													
	4.3	10.5	24.8	34.8	13.3	10.5	1.9					100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 210

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.0	.5	1.0								2.4	9.4
NNE		.5	1.9	1.4								3.8	9.4
NE		.5	1.0	1.9	1.4							4.8	14.3
ENE		1.9	6.2	3.4	.5							12.0	9.9
E	1.0	.5	2.4	2.9		.5						7.2	10.5
ESE		1.0	1.9		.5	.5						3.8	11.4
SE		1.0	.5	.5	1.9	1.0						4.8	16.1
SSE		1.0	1.9		.5			1.0				4.3	14.6
S	1.0		.5	2.9	1.4	.5						6.2	13.1
SSW			1.0	1.0	.5		.5					2.9	15.5
SW		1.0	1.4	3.4	3.4	1.0						10.1	14.9
WSW		1.0	1.0	2.4	1.0	.5						5.8	13.3
W		1.0	1.4		1.0	1.0	.5					4.8	14.2
WNW		.5	2.4	2.9	1.0	1.4						8.2	13.8
NW			4.3	2.9	1.0	1.9	1.9					12.0	16.9
NNW		1.4	.5	4.3	.5							6.7	12.4
VARBL													
CALM													
	1.9	12.0	28.8	30.8	14.4	8.2	2.9	1.0				100.0	13.3

TOTAL NUMBER OF OBSERVATIONS 208

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-8C (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.5	1.3	1.6	.2							3.8	10.6
NNE	.1	1.1	1.3	.8	.1	.2						3.6	9.4
NE	.2	.7	1.9	1.5	.5	.1						4.8	10.6
ENE	.1	1.1	3.8	2.9	1.0	.1						8.9	10.7
E	.1	.4	2.3	2.3	.5	.3						5.9	11.7
ESE	.1	.5	1.7	.9	.5	.1						3.8	10.9
SE	.1	.9	1.5	1.1	.6	.8	.3	.1				5.4	13.8
SSE	.1	.4	.8	1.6	1.4	1.0	.3	.5				6.1	17.9
S	.4	.4	.9	1.4	1.1	.4	.1	.1				4.7	13.8
SSW	.1	.7	.5	1.0	.7	.5	.2					3.6	14.2
SW	.4	1.0	2.3	3.1	3.3	1.8	.9	.2				13.0	16.0
WSW	.3	.7	1.4	2.0	1.3	.5	.4	.1				6.7	14.1
W	.3	1.6	1.8	1.1	.7	.4	.2					6.1	11.0
WNW	.4	1.1	2.0	2.5	.9	.5	.1	.1				7.5	12.0
NW	.7	1.0	2.5	3.0	1.9	1.9	1.0	.1				12.0	15.2
NNW	.3	.7	1.0	1.7	.5	.2						4.2	11.5
VARBL													
CALM													
	3.8	12.5	26.7	28.6	15.2	8.7	3.3	1.3				100.0	13.2

TOTAL NUMBER OF OBSERVATIONS 1675

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00071 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 76-79 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.6	.6	2.3	.6							5.1	10.7
NNE	.6		.6	.6	.6							2.3	9.5
NE	.6	3.4	3.4	4.0		1.1						12.5	10.4
ENE	.6	2.3	9.7	5.1	1.1	1.7						20.5	11.4
E	.6	.6	2.3	4.0	4.5	1.7						13.6	14.3
ESE		.6	.6	2.8	1.7	2.3						8.0	17.2
SE	.6	.6	.6	1.1								2.8	8.8
SSE		1.1	.6									1.7	6.3
S	.6	1.1	.6									2.3	5.5
SSW	1.1	.6	.6		.6	1.1	1.1					5.1	16.0
SW		.6		.6		.6	.6	.6	.6			3.4	25.0
WSW		1.1				1.1	.6					2.8	17.8
W	.6		1.1	1.1			.6					3.4	12.7
WNW	.6	.6	.6	.6								2.3	6.5
NW	.6		1.1	1.1	2.3							5.1	13.9
NNW		1.7	1.7	4.5	1.1							9.1	10.9
VARBL													
CALM													
	7.4	14.8	23.9	27.8	12.5	9.7	2.8	.6	.6			100.0	12.6

TOTAL NUMBER OF OBSERVATIONS 176

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	.6	1.7	.6	.6							4.6	8.8
NNE		.6	2.9		.6							4.0	10.0
NE		.6	2.3	3.5		.6						6.9	11.8
ENE		3.5	6.4	5.2	3.5	1.7						20.2	11.9
E	.6	.6	2.3	4.6	2.3	1.7						12.1	13.8
ESE	.6	2.9	1.7	2.3	1.7	2.9	.6					12.7	15.1
SE		.6	3.5	.6		.6						5.2	9.7
SSE	.6		.6									1.2	4.5
S	.6											.6	2.0
SSW		.6	1.2			1.2		1.7				4.6	22.1
SW			.6			.6	1.2					2.3	23.8
WSW	.6				.6	1.7						2.9	19.6
W	1.7	.6	.6		.6	.6	.6					4.6	11.5
WNW	.6	1.2	.6	.6								2.9	7.4
NW	1.2	1.2	.6	.6	2.9	.6						6.9	12.3
NNW		.6	2.9	4.0	.6							8.1	11.7
VARBL													
CALM													
	7.5	13.3	27.7	22.0	13.3	12.1	2.3	1.7				100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 173

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.2	2.9	4.6								8.7	10.1
NNE		1.2	2.3	2.3								5.8	10.5
NE	1.2		.6	1.2	2.3	1.2						6.4	15.0
ENE	1.2	1.7	2.9	5.2	1.7	1.7						14.5	12.4
E		4.1	6.9	3.5	1.7	.6	.6					17.3	10.8
ESE	.6	2.3	5.2	2.9	2.9	1.7						15.6	12.1
SE	.6	.6	2.3	.6	.6							4.6	9.8
SSE	.6		1.2									1.7	5.7
S			.6									.6	7.0
SSW						.6	1.2	.6				2.3	30.5
SW	.6	.6					2.3					3.5	20.7
WSW		1.2				1.2	.6					2.9	18.0
W		1.2			.6	.6		.6				2.9	18.6
WNW	1.2	.6			1.7							3.5	10.7
NW	.6	1.2	.6	2.3	2.3							6.9	12.3
NNW			.6	2.3								2.9	11.6
VARBL													
CALM													
	6.9	15.6	26.0	24.3	13.9	7.5	4.6	1.2				100.0	12.6

TOTAL NUMBER OF OBSERVATIONS 173

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

02001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	1.7	.6	2.8	2.3	.6						9.7	11.5
NNE	.6	1.1	1.7	.6	1.1							5.1	9.3
NE	.6	2.8	2.3	1.7	2.8	.6						10.8	10.9
ENE	.6	1.1	3.4	2.8	1.1	1.7						10.8	12.7
E		1.7	1.7	6.8	1.1	.6						11.9	13.1
ESE		1.7	.6	4.5	1.7	2.8						11.4	15.5
SE	.6	.6	1.7	.6	1.1	.6						5.1	12.1
SSE	.6	1.1	1.7									3.4	5.3
S	.6		.6		.6		.6					2.3	14.5
SSW			.6	.6				1.1	.6			2.8	29.2
SW	.6					1.1	.6	.6				2.8	24.8
WSW					1.1		.6					1.7	22.0
W	1.1			.6								1.7	6.3
WNW	3.4	1.1	.6	1.7								6.8	6.5
NW	1.7	.6	2.3	2.3		1.7						8.5	12.1
NNW	2.3	1.7	.6		.6							5.1	6.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X		
	14.2	15.3	18.2	25.0	13.6	9.7	1.7	1.7	.6			100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 176

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.6	.6	1.7	2.2	.6						5.6	14.3
NNE		3.4	3.9	1.1								8.4	7.9
NE			6.2	2.2	1.1	.6						10.1	11.0
ENE		1.7	1.1	2.8	3.4	1.7						10.7	14.7
E	.6	2.2	2.8	3.9	2.8	1.1						13.5	12.9
ESE	.6	1.1	1.7	2.8	.6	2.8						9.4	14.2
SE	.6		1.1			.6						2.2	11.0
SSE	1.1	1.7	1.1									3.9	5.1
S	.6		1.1			.6						2.2	11.0
SSW		.6		.6		.6		.6				2.2	20.5
SW		.6	.6	.6			1.1	1.7	.6			5.1	26.1
WSW	.5	.6	.6									1.7	5.7
W	1.1	2.2	1.1		.6							5.1	6.7
WNW	1.7	.6	1.1	1.1								5.1	8.6
NW		2.8	1.1	2.2	.6	1.7						8.4	12.3
NNW	.6	1.1	1.1	2.8	.6							6.2	10.3
VARBL													
CALM													
	7.3	19.1	25.3	21.9	11.8	10.1	1.7	2.2	.6			100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 178

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1	2.2	1.1	.6							5.0	9.2
NNE		1.7	.6	2.2	.6							5.0	10.0
NE	.6	1.1	7.3	1.7	1.1	.6						12.3	10.2
ENE	.6	.6	2.8	2.2	2.2	1.1						9.5	13.0
E	.6		1.7	3.4	5.0	1.1						11.7	15.5
ESE			.6	1.7		2.8						5.0	19.6
SE			1.7		.6							2.2	11.5
SSE		1.7	1.1									2.8	6.6
S		.6										.6	4.0
SSW		1.1		.6		1.7				.6		3.9	22.0
SW	1.1	3.9	1.1	1.1			.6	1.7	.6			10.1	15.1
WSW	.6	1.1						.6				2.2	12.0
W	1.1	1.1										2.2	3.3
WNW		2.2	1.1	1.1		.6		.6				5.6	12.1
NW	1.1	2.8	.6	3.4	1.1	1.1						10.1	11.2
NNW	.6	2.2	3.4	2.2	2.2	.6						11.2	10.9
VARBL													
CALM												.6	
	6.1	21.2	24.0	20.7	13.8	9.5	.6	2.8	.6	.6		100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 179

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.7	4.0	4.5	.6	.6						11.9	11.0
NNE		.6	2.3	1.1								4.5	9.3
NE	.6		4.5	2.8		1.7						9.7	11.9
ENE		1.7	4.5	4.5	2.3	1.1						14.2	12.0
E		1.1	2.3	4.0	2.3	3.4						13.1	15.7
ESE		.6		1.1	1.7	.6						4.0	16.7
SE	1.1	1.7		1.7		.6						5.1	9.2
SSE	1.1		1.1	.6								2.8	6.8
S	.6	.6	.6									1.7	5.3
SSW	1.7	1.1				2.3	.6					5.7	14.7
SW	1.7	.6	1.7	.6			1.1	2.3				8.0	18.4
WSW							.6					.6	26.0
W	1.7	1.1										2.8	3.8
WNW	1.1			1.1		.6	.6					3.4	13.8
NW	1.7	1.1	3.4		2.3							8.5	10.3
NNW		.6	.6	.6	.6	1.7						4.0	17.1
VARBL													
CALM													
	11.9	13.1	25.0	22.7	9.7	12.5	2.8	2.3				100.0	12.7

TOTAL NUMBER OF OBSERVATIONS 176

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

02001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6		2.3	1.1	1.1						5.1	16.1
NNE		1.1	1.7	2.8								5.6	10.1
NE		1.1	2.8	2.8	.6	1.7						9.0	12.8
ENE		2.3	6.2	6.2	2.8	.6						18.1	11.9
E		1.1	2.8	5.1	2.8	.6	1.1					13.6	14.6
ESE		.6	1.7	.6	1.1	2.3	.6					6.8	17.3
SE		1.1	1.1	1.7	1.1							5.1	11.1
SSE	.6	1.1										1.7	4.0
S	.6	.6										1.1	4.0
SSW		2.3	.6			1.1	1.1	.6				5.6	16.9
SW			1.1	.6		1.1	.6	1.1				4.5	21.8
WSW		.6					.6		.6			1.7	24.7
W	.6	1.1	.6									2.3	5.0
WNW	1.7	.6	.6									2.8	4.4
NW	1.7	.6	1.1	.6	3.4							7.3	11.9
NNW	1.1	3.4	1.7	1.1	2.3							9.6	9.9
VARBL													
CALM													
	6.2	18.1	22.0	23.7	15.3	8.5	4.0	1.7	.6			100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 177

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 78-80 YEARS | MAR MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.0	1.6	2.4	1.0	.4						7.0	11.4
NNE	.1	1.3	2.0	1.3	.4							5.1	9.4
NE	.4	1.1	3.7	2.5	1.0	1.0						9.7	11.5
ENE	.4	1.8	4.6	4.3	2.3	1.4						14.8	12.3
E	.3	1.4	2.8	4.4	2.8	1.3	.2					13.4	13.7
ESE	.2	1.2	1.5	2.3	1.4	2.3	.1					9.1	15.2
SE	.4	.6	1.5	.8	.4	.3						4.0	10.4
SSE	.6	.9	.9	.1								2.4	5.6
S	.4	.4	.4		.1	.1	.1					1.4	8.1
SSW	.4	.8	.4	.2	.1	1.1	.5	.6	.1	.1		4.0	20.0
SW	.5	.8	.6	.4		.4	1.0	1.0	.2			5.0	20.5
WSW	.2	.6	.1		.2	.5	.4	.1	.1			2.1	17.6
W	1.0	.9	.4	.2	.2	.1	.1	.1				3.1	8.9
WNW	1.3	.9	.6	.8	.2	.1	.1	.1				4.0	8.9
NW	1.1	1.3	1.3	1.6	1.8	.6						7.7	11.9
NNW	.6	1.4	1.6	2.2	1.0	.3						7.0	10.8
VARBL													
CALM												.1	
	8.5	16.3	24.0	23.5	12.0	9.9	2.6	1.8	.4	.1		100.0	12.6

TOTAL NUMBER OF OBSERVATIONS 1408

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		.7	.7									1.5	7.5
NE			3.7	2.2								5.9	9.9
ENE		1.5	5.9	6.7	3.7	.7	.7					19.3	13.2
E			2.2	5.2	3.7	.7						11.9	14.7
ESE		1.5	1.5	.7	.7							4.4	9.7
SE			.7	2.2								3.0	11.5
SSE			.7	3.0	.7							4.4	14.0
S			.7		2.2	.7	1.5	.7				5.9	23.3
SSW		.7		3.7	3.7	1.5	.7					10.4	17.4
SW		2.2	1.5	5.2	3.0							11.9	13.1
WSW	1.5	.7	1.5		.7	1.5						5.9	12.4
W	1.5		.7	2.2		.7						5.2	11.6
WNW					.7							.7	20.0
NW	2.2	1.5	1.5	.7	.7							6.7	7.4
NNW		1.5	1.5									3.0	6.8
VARBL													
CALM													
	5.2	10.4	23.0	31.9	20.0	5.9	3.0	.7				100.0	13.3

TOTAL NUMBER OF OBSERVATIONS 135

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.5		.7								3.0	5.8
NNE		.7										.7	6.0
NE	.7	1.5		1.5								3.7	7.8
ENE		3.7	6.7	2.2	6.7	1.5						20.7	13.0
E			2.2	4.4	3.0							9.6	13.6
ESE			.7		.7							1.5	13.0
SE	.7	1.5		1.5	.7							4.4	10.5
SSE			1.5	3.7			.7		.7			6.7	16.8
S			.7	1.5	1.5		1.5					5.2	19.6
SSW	.7			1.5	3.0	2.2	.7					8.1	19.3
SW	2.2	.7	2.2	5.2	3.0	.7						14.1	11.8
WSW		.7	3.0	1.5	.7							5.9	9.6
W	1.5		.7	1.5	.7	.7	.7					5.9	13.9
WNW	.7		.7									1.5	5.0
NW	.7	1.5	.7		2.2							5.2	11.1
NNW		.7	1.5	1.5								3.7	8.2
VARBL													
CALM													
	8.1	12.6	20.7	26.7	22.2	5.2	3.7		.7			100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 135

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.7	1.5	1.5								4.5	8.5
NNE		.7		.7								1.5	8.0
NE		2.2	5.2	3.0								10.4	8.6
ENE		1.5	6.7	2.2	3.7	2.2	1.5					17.9	14.7
E	.7		.7	3.7	1.5	1.5	.7					9.0	17.3
ESE	.7			.7								1.5	8.0
SE				.7	2.2	.7						3.7	19.8
SSE			1.5	1.5								3.0	11.0
S				2.2	3.7	1.5		.7				8.2	19.6
SSW			.7	.7	1.5	2.2	.7					6.0	19.9
SW	.7	.7	3.0	1.5		3.7	.7					10.4	15.9
WSW		2.2	.7	5.2	.7							9.0	11.0
W	1.5	.7	1.5	.7		2.2						6.7	12.9
WNW	.7		.7									1.5	6.0
NW			2.2									2.2	9.3
NNW	.7	.7	2.2	.7								4.5	8.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X		
	6.0	9.7	26.9	25.4	13.4	18.2	3.7	.7				100.0	13.7

TOTAL NUMBER OF OBSERVATIONS 134

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93001	MAUI OPTICAL SITE HI NORTH TOWER	78-79	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.8	1.6	1.6								3.9	8.4
NNE	.8			.8								1.6	8.5
NE		.8	3.9	4.7								9.3	10.3
ENE			3.1	7.8	2.3	1.6	.8					15.5	14.6
E		1.6	.8	.8	1.6							4.7	12.2
ESE	1.6	.8		1.6	1.6							5.4	10.1
SE			2.3	2.3								4.7	11.3
SSE		.8	.8	1.6		.8						3.9	13.0
S		.8	1.6	2.3	5.4		.8					10.9	16.2
SSW		.8		.8	1.6	.8	1.6					5.4	20.4
SW	.8	1.6	2.3		2.3	1.6	.8					9.3	14.7
WSW		1.6	1.6	.8								3.9	8.6
W		.8	3.1	.8	1.6							6.2	11.4
WNW	.8	3.1	2.3	.8		.8						7.8	8.3
NW	.8	3.1	2.3									6.2	5.9
NNW			1.6									1.6	8.5
VARBL													
CALM													
	4.7	16.3	27.1	26.8	16.3	5.4	3.9					100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 129

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 78-79 YEARS | APR MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.8	1.6								2.3	9.7
NNE	.8		3.1									3.9	6.6
NE		3.1	3.1		.8							7.0	7.9
ENE		1.6	4.7	5.4								11.6	10.3
E		.8	2.3	2.3	1.6	2.3						9.3	15.2
ESE		2.3	.8		.8							3.9	9.2
SE		.8	.8	2.3								3.9	9.4
SSE		.8	2.3	5.4	.8							9.3	11.6
S		2.3		1.6		1.6		.8				6.2	16.4
SSW	.8	3.1	2.3	2.3	4.7							13.2	12.2
SW		.8	1.6	2.3	1.6	1.6	.8					8.5	15.6
WSW			.8	1.6								2.3	12.3
W	1.6	3.9		1.6								7.0	6.6
WNW		1.6	1.6		1.6							4.7	11.0
NW	.8	.8		.8	.8							3.1	9.8
NNW		1.6	1.6	.8								3.9	7.4
VARBL													
CALM													
	3.9	23.3	25.6	27.9	12.4	3.9	.8	.8				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 129

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.3	1.6	.8								5.4	6.6
NNE		2.3	2.3	1.6								6.2	8.1
NE		.8	2.3	3.1								6.2	10.1
ENE		.8	.8		.8							2.3	10.0
E	.8	.8		4.7	3.1	1.6						10.9	15.3
ESE	.8		3.1	.8								4.7	8.3
SE	.8		1.6									2.3	6.0
SSE		.8	2.3	1.6				.8				5.4	13.3
S			4.7	1.6	1.6	.8		.8	.8			10.1	16.5
SSW			.8	3.9		1.6	1.6					7.8	18.1
SW			.8	1.6	3.9	3.9						10.1	18.9
WSW		1.6		.8								2.3	6.7
W	1.6	2.3	.8		.8							5.4	6.6
WNW		3.1	3.9	.8								7.8	7.5
NW		2.3	2.3	.8	.8							6.2	9.4
NNW	1.6	1.6	1.6	2.3								7.0	7.8
VARBL													
CALM													
	6.2	18.6	28.7	24.0	10.9	7.8	1.6	1.6	.8			100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 129

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.8	.8	2.3								4.6	8.3
NNE	.8	1.5	3.8		.8							6.9	7.9
NE		.8	3.1	1.5	.8							6.1	11.1
ENE			8.4	5.3	1.5							15.3	11.2
E			.8	3.1	3.1	1.5						8.4	16.6
ESE		.8	.8	.8								2.3	10.3
SE		.8	2.3									3.1	7.5
SSE			1.5	.8	.8	.8						3.8	15.6
S	1.5		1.5	.8	.8	.8		.8				6.1	14.4
SSW	.3	.8		1.5	3.1	3.8		.8				10.7	18.8
SW		.8	.8	3.1	3.1	3.8						11.5	17.9
WSW		1.5	1.5	.8								3.8	7.6
W	1.5	1.5	1.5	1.5	.8							6.9	8.2
WNW			2.3	1.5	.8							4.6	11.7
NW	3.1	.8	.8									4.6	4.5
NNW			1.5									1.5	7.0
VARBL													
CALM													
	8.4	9.9	31.3	22.9	15.3	10.7		1.5				100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 131

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001	MAUI OPTICAL SITE HI NORTH TOWER	78-79	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.6		.8								2.3	7.3
NNE		2.3	1.6	.8								4.7	7.5
NE			3.1	2.3								5.4	10.1
ENE			10.1	7.8	1.6	3.1						22.5	12.8
E			.8	4.7	2.3	.8						8.5	15.4
ESE	.8		.8		1.6	.8						3.9	14.0
SE		.8	.8	2.3								3.9	10.0
SSE			.8	.8	.8							2.3	13.3
S	.8	.8		1.6	3.1	.8	1.6					8.5	17.3
SSW	.8			2.3	2.3			.8				6.2	17.9
SW	.8	.8	3.9	1.6	3.9	1.6						12.4	13.4
WSW		.8	3.9	3.1		1.6	1.6					10.9	14.4
W			1.6	.8								2.3	11.0
WNW	.8	.8			.8							2.3	8.7
NW			1.6	.8	.8							3.1	12.3
NNW		.8										.8	5.0
VARBL													
CALM													
	3.9	8.5	28.7	29.5	17.1	8.5	3.1	.8				100.0	13.2

TOTAL NUMBER OF OBSERVATIONS 129

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.0	.8	1.1								3.2	7.7
NNE	.3	1.3	1.4	.5	.1							3.3	7.7
NE	.1	1.1	3.0	2.3	.2							6.8	9.5
ENE		1.1	5.8	4.7	2.6	1.1	.4					15.7	12.9
E	.2	.4	1.2	3.6	2.5	1.0	.1					9.0	15.2
ESE	.5	.7	1.0	.6	.7	.1						3.4	10.2
SE	.2	.5	1.0	1.4	.4	.1						3.6	11.1
SSE		.3	1.4	2.3	.4	.2	.1	.1	.1			4.9	13.6
S	.3	.5	1.1	1.4	2.3	.8	.7	.5	.1			7.6	17.7
SSW	.4	.7	.5	2.1	2.5	1.5	.7	.2				8.5	17.4
SW	.6	1.0	2.0	2.6	2.6	2.1	.3					11.0	14.9
WSW	.2	1.1	1.6	1.7	.3	.4	.2					5.5	11.2
W	1.1	1.1	1.2	1.1	.5	.5	.1					5.7	10.2
WNW	.4	1.0	1.4	.4	.5	.1						3.8	9.1
NW	1.0	1.2	1.4	.4	.7							4.7	8.4
NNW	.3	.9	1.4	.7								3.2	7.7
VARBL													
CALM													
	5.8	13.6	26.5	26.8	16.0	7.9	2.5	.8	.2			100.0	12.6

TOTAL NUMBER OF OBSERVATIONS 1051

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SI & MT NORTH TOWER (STATION NAME) 78-79 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.7	1.1	2.2								6.1	8.3
NNE	.6	.6	3.9	3.9	1.7							10.6	11.0
NE		.6	1.7	2.2	1.1			.6				6.1	13.8
ENE		1.7	4.4	6.7	2.8	.6	1.1					17.2	13.9
E		1.1	1.7	2.2	2.2	1.1	.6					8.9	15.0
ESE		1.1		.6	1.1	1.1						3.9	15.1
SE		.6	.6	2.8	2.2	.6						6.7	15.2
SSE	.6	2.2	2.2	1.1								6.1	7.4
S	.6	1.1	.6		.6							2.8	8.0
SSW		1.7	2.2	1.7								5.6	9.0
SW	.6	1.1	.6	2.2	1.1	.6						6.1	11.7
WSW		.6	.6	1.7								2.8	10.4
W	1.7	2.8										4.4	3.9
WNW	1.7	1.1	.6									3.3	4.2
NW	1.1	2.2	.6									3.9	4.6
NNW	1.1	1.1	1.7	.6	1.1							5.6	9.2
VARBL													
CALM													
	8.9	21.1	22.2	27.8	13.9	3.9	1.7	.6				100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 180

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	.6	2.2	3.9								7.3	10.4
NNE	.6	2.2	1.1	1.1								5.1	7.6
NE		.6	2.2	3.4								6.2	10.4
ENE		1.1	2.8	5.1	5.1	2.2						16.3	15.0
E			1.1	3.4	1.7	4.5	1.7					12.4	20.0
ESE			1.1		2.8							3.9	15.9
SE		2.2	.6	1.7	1.7	.6						6.7	12.0
SSE		1.1	.6	1.1								2.8	8.4
S		1.1	1.1	1.1								3.4	9.3
SSW	.6	.6	.6		.6							2.2	8.0
SW		2.2	3.9	2.8	1.7	.6						11.2	11.2
WSW	1.7		2.2	.6								4.5	6.9
W	1.1	1.1	1.7									3.9	6.4
WNW	2.2	.6	2.8									5.6	5.5
NW	1.1	3.4	1.1									5.6	4.9
NNW	.6			1.7	.6							2.8	12.0
VARBL													
CALM													
	8.4	16.9	25.3	25.8	14.0	7.9	1.7					100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 178

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00021 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	.6	1.1	3.9								6.1	11.4
NNE		1.7	3.4	1.7	.6							7.3	9.0
NE	.6	2.2	1.7	.6								5.0	6.9
ENE			3.4	8.4	.6	1.7	.6					14.5	15.0
E	.6	1.1	1.7	2.2	4.5	1.7	1.7					13.4	17.1
ESE			1.1	1.1	.6	1.7						4.5	16.5
SE		.6	1.1	2.8	1.7							6.1	13.5
SSE			1.1	.6	1.1							2.8	13.2
S		1.1	.6	1.1								2.8	9.2
SSW				.6								.6	11.0
SW	1.7	1.7	.6	2.8								6.7	8.7
WSW	1.7	.6	2.2	1.7								6.1	7.5
W	1.7	1.7	2.2	.6								6.1	6.5
WNW	.6	2.2	1.7	1.1								5.6	7.0
NW	2.8	4.5										7.3	3.9
NNW		1.7	.6	2.8								5.0	10.4
VARBL													
CALM													
	10.1	19.6	22.3	31.8	8.9	.0	2.2					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 179

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.6	.6	.6	1.1							3.4	11.0
NNE	.6	.6	.6	.6								2.3	8.8
NE	.6	1.1	1.7	2.9								6.3	9.7
ENE			4.0	4.0	.6	.6	.6					9.7	12.9
E	.6	1.1	2.3	4.6	1.7	2.9	2.3					15.4	16.8
ESE			1.1	1.1	1.7	.6						4.6	15.6
SE	.6	1.1	.6	3.4								5.7	9.6
SSE		.6	1.7	1.1	1.1							4.6	11.1
S	1.1	.6	.6	2.3								4.6	9.3
SSW	1.7	1.7	.6		.6							4.6	5.8
SW	.6	2.3			.6							3.4	6.5
WSW	.6	2.3	.6	1.7								5.1	7.9
W		2.3	1.7									4.0	6.7
WNW	2.3	7.4	1.1									10.9	4.9
NW	1.1	2.3	3.4	.6								7.4	6.5
NNW	.6	2.3	1.1	2.3		1.7						8.0	11.4
VARBL													
CALM													
	10.9	26.3	21.7	25.1	7.4	5.7	2.9					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 175

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.9	1.1									5.2	5.7
NNE		1.7	1.7	1.7								5.2	8.0
NE			2.3	1.1	.6							4.0	11.0
ENE	.6	3.4	1.7	2.3	.6	2.9						11.5	12.3
E		1.7		2.3	.6	1.1	1.1	1.1				8.0	19.3
ESE	1.1	.6	1.1	.6	.6	.6						4.6	10.6
SE		1.7	4.0	1.7								7.5	8.6
SSE		1.1	1.1	1.1								3.4	8.0
S	1.1	1.1	.6	2.9								5.7	8.0
SSW	.6	.6	.6	1.7	.6							4.0	9.7
SW	.6	1.1	2.9	1.7								6.3	8.7
WSW	.6	.6	1.1									2.3	6.3
W	.6	3.4	4.0	1.7								9.8	7.8
WNW	1.1	4.0	6.3	.6								12.1	6.8
NW	.6	2.9	1.7	.6								5.7	6.7
NNW		1.1	.6	2.9								4.6	9.5
VARBL													
CALM													
	8.0	28.2	31.0	23.0	2.9	4.6	1.1	1.1				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 174

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6			1.2	.6							2.3	11.3
NNE		1.2	2.3	1.2								4.6	8.8
NE			1.7	3.5	1.7							6.9	12.9
ENE	.6	1.2	4.0	4.6	2.3	.6						13.3	11.6
E		1.7	1.7	1.2	1.7		1.7					8.1	15.6
ESE			1.2	1.7	2.3							5.2	14.9
SE		1.2	1.7		.6	1.2						4.6	11.9
SSE	.6	1.7	2.9	.6								5.8	7.0
S	1.2	1.2	.6	.6								3.5	6.2
SSW		1.2	1.2	.6								2.9	7.4
SW		.6	3.5	1.2	.6							5.8	10.1
WSW		3.5	1.2	.6								5.2	6.1
W	1.2	5.2	3.5									9.8	5.7
WNW	.6	1.7	2.9	1.2								6.4	7.5
NW		.6	4.6	2.3	.6							8.1	9.6
NNW	.6	1.2	4.0	1.7								7.5	8.7
VARBL													
CALM													
	5.2	22.0	37.0	22.0	10.4	1.7	1.7					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 173

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6	.6	.6	1.7	.6						4.1	15.4
NNE	.6	.6	.6	3.5								5.2	10.6
NE	.6		1.2	2.9								4.7	10.5
ENE	.6	2.3	5.2	7.6	4.1	1.2						20.9	12.5
E		.6	1.7	1.2	.6	.6	2.3	.6				7.6	19.5
ESE	.6		1.2	1.7	1.2	.6						5.2	13.7
SE	1.2	2.3		1.7	.6	1.7						7.6	12.0
SSE	.6	2.3		1.7	.6							5.2	8.0
S	1.2	.6	.6	1.2								3.5	6.8
SSW	1.2	1.2		1.2								3.5	7.0
SW	.6	.6	2.3	.6								4.1	7.3
WSW		.6	1.2	.6								2.3	9.3
W	4.7	1.7	1.7									8.1	4.3
WNW	2.3	1.7	1.2	.6	.6							6.4	6.8
NW	2.3	1.2	2.3	3.5								9.3	8.3
NNW			.6	1.2	.6							2.3	14.0
VARBL													
CALM													
	16.3	16.3	20.3	29.7	9.9	4.7	2.3	.6				100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 172

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6	1.1		1.1	1.7						4.6	16.1
NNE	.6	1.7	4.0	2.9	1.1							10.3	10.3
NE		.6	4.6	2.3	1.1							8.6	10.9
ENE		.6	6.3	4.0	4.6	1.1	.6					17.2	14.0
E	1.7	1.1	1.7	.6	2.3	1.1	1.7					10.3	14.5
ESE	1.1	.6	.6	.6	1.1	.6						4.6	12.3
SE	.6	1.7		1.7		1.7						5.7	13.9
SSE	1.1	1.1	2.3	2.9	1.1							8.6	10.2
S		1.1	.6	.6								2.3	7.8
SSW	.6	.6	2.3	.6								4.0	8.1
SW	.6	1.7	1.7	1.7								5.7	7.9
WSW		.6										.6	4.0
W	.6	1.1	1.1									2.9	5.8
WNW					.6							.6	17.0
NW	1.7	1.7	2.3	2.3								8.0	7.8
NNW	1.1	.6	.6	3.4								5.7	10.1
VARBL													
CALM													
	9.8	15.5	29.3	23.6	13.2	6.3	2.3					100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 174

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.9	1.0	1.6	.6	.3						4.9	10.9
NNE	.4	1.3	2.2	2.1	.4							6.3	9.5
NE	.2	.6	2.1	2.3	.6			.1				6.0	10.9
ENE	.2	1.3	4.0	5.3	2.6	1.4	.4					15.1	13.5
E	.4	1.1	1.5	2.2	1.9	1.6	1.6	.2				10.5	17.2
ESE	.4	.3	.9	.9	1.4	.6						4.6	14.3
SE	.3	1.4	1.1	2.0	.9	.7						6.3	12.0
SSE	.4	1.3	1.5	1.3	.5							4.9	9.0
S	.6	1.0	.6	1.2	.1							3.6	8.1
SSW	.6	.9	.9	.8	.2							3.4	8.0
SW	.6	1.4	1.9	1.6	.5	.1						6.2	9.5
WSW	.6	1.1	1.1	.9								3.6	7.5
W	1.4	2.4	2.0	.3								6.1	6.0
WNW	1.4	2.3	2.1	.4	.1							6.3	6.3
NW	1.4	2.3	2.0	1.1	.1							6.9	6.8
NNW	.5	1.0	1.1	2.1	.3	.2						5.2	10.3
VARBL													
CALM													
	9.7	20.7	26.1	26.1	10.1	5.0	2.0	.3				100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 1405

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8		.8									1.7	6.0
NNE	.8	.8	2.5									4.2	6.8
NE	.8	1.7	.8	8.3	1.7							13.3	11.8
ENE		1.7	9.2	6.7	5.0	5.0	.8					28.3	15.3
E		2.5	2.5	6.7	3.3	2.5	.8					18.3	14.9
ESE	.8	2.5	.8	1.7	3.3	.8						10.0	12.4
SE	.8	1.7	3.3	3.3	.8							10.0	10.0
SSE		.8										.8	5.0
S	.8	1.7										2.5	3.7
SSW		2.5										2.5	4.0
SW		.8										.8	5.0
WSW	4.2											4.2	1.8
W	.8											.8	3.0
WNW													
NW													
NNW		.8	1.7									2.5	6.3
VARBL													
CALM													
	10.0	17.5	21.7	26.7	14.2	8.3	1.7					100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 120

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.5	.8									4.2	6.2
NNE	1.7	2.5	1.7	.8								6.7	6.6
NE	.8	1.7		5.9	1.7							10.1	11.8
ENE		3.4	5.0	5.0	6.7	1.7						21.8	13.1
E			2.5	8.4	6.7	1.7	1.7					21.0	16.9
ESE			1.7	1.7	2.5	.8	.8					7.6	17.2
SE		.8	1.7	2.5								5.0	10.7
SSE	1.7		2.5									4.2	6.8
S	.8	1.7										2.5	3.7
SSW	.8	.8	.8									2.5	4.3
SW	.8	2.5										3.4	4.0
WSW		1.7										1.7	5.0
W	3.4											3.4	3.0
WNW	.8	.8										1.7	3.5
NW	1.7	.8										2.5	3.0
NNW	.8	.8										1.7	4.0
VARBL													
CALM													
	14.3	20.2	16.8	24.8	17.6	4.2	2.5					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 119

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.7	1.7									3.3	6.5
NNE	.8	3.3	1.7	1.7								7.5	7.1
NE	1.7	3.3	8.3	1.7	2.5							17.5	9.4
ENE		3.3	1.7	9.2	3.3	2.5						20.0	13.4
E		.8		5.0	8.3	2.5						16.7	17.0
ESE		1.7	1.7	1.7	4.2	1.7						10.8	15.1
SE	.8	1.7	.8	1.7								5.0	7.2
SSE	2.5	1.7										4.2	3.8
S	1.7											1.7	2.5
SSW	.8	.8										1.7	4.0
SW		.8	1.7									2.5	6.7
WSW	.8	.8										1.7	3.0
W	.8											.8	3.0
WNW	1.7	.8										2.5	3.0
NW	1.7	1.7										3.3	3.8
NNW		.8										.8	5.0
VARBL													
CALM													
	13.3	23.3	17.5	27.8	18.3	6.7						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 120

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.9	1.7									2.6	6.7
NNE		1.7	2.6	1.7	.9							6.8	9.3
NE		2.6	6.0	6.0	2.6							17.1	10.9
ENE		1.7	6.0	4.3	2.6	1.7						16.2	12.7
E	.9	.9	6.8	4.3	5.1	4.3						22.2	14.3
ESE		.9	.9	3.4	3.4	1.7						10.3	16.2
SE					.9							.9	18.0
SSE	1.7	.9										2.6	3.3
S													
SSW	.9											.9	3.0
SW		1.7	.9									2.6	7.0
WSW													
W	1.7	.9										2.6	2.7
WNW	1.7	.9	1.7									4.3	4.8
NW	.9	4.3	1.7									6.8	5.5
NNW	1.7	.9	1.7									4.3	5.4
VARBL													
CALM													
	9.4	17.9	29.9	19.7	15.4	7.7						100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 117

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.7	3.5									5.2	6.5
NNE		2.6	2.6	.9								6.1	7.7
NE		2.6	8.7	.9	1.7	.9						14.8	10.6
ENE		.9	7.0	8.7	1.7							18.3	11.6
E	.9	.9	3.5	4.3	1.7							11.3	11.7
ESE			3.5	5.1	2.6	.9						13.0	13.7
SE	1.7	1.7			.9							4.3	6.8
SSE		.9	.9									1.7	7.0
S													
SSW			.9									.9	7.0
SW	.9											.9	3.0
WSW	.9	.9										1.7	2.5
W	1.7	3.5	.9									6.1	4.9
WNW	.9	2.6	.9									4.3	4.6
NW	1.7	2.6	2.6									7.0	5.4
NNW		2.6	1.7									4.3	6.4
VARBL													
CALM													
	8.7	23.5	36.5	2.9	8.7	1.7						120.0	9.3

TOTAL NUMBER OF OBSERVATIONS 115

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE MI NORTH TOWER (STATION NAME) 78-79 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.8	.8									2.5	4.7
NNE		.8	2.5									3.3	7.8
NE		.8	6.6	5.0								12.4	10.6
ENE		4.1	9.1	11.6	.8							25.6	10.1
E		3.3	1.7	9.1	2.5	4.1						20.7	14.4
ESE		.8	.8	1.7	1.7	.8						5.8	15.0
SE		.8	.8									1.7	7.0
SSE													
S													
SSW	.8											.8	3.0
SW		1.7										1.7	5.5
WSW	.8	3.3										4.1	4.2
W	.8	2.5	.8									4.1	5.4
WNW	2.5	.8	3.3									6.6	5.3
NW	.8	2.5	1.7									5.0	6.0
NNW	.8	.8	4.1									5.8	6.4
VARBL													
CALM													
	7.4	23.1	32.2	27.3	5.0	5.0						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 121

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03081	MAUI OPTICAL SITE HI NORTH TOWER	78-79	JULY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

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

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	1.6										2.4	4.3
NNE		4.0	1.6	2.4								8.1	8.0
NE		2.4	4.0	7.3	.8							14.5	10.9
ENE	.8	5.6	8.9	9.7	1.6	.8	.8					28.2	10.8
E	.8		3.2	7.3	6.5	2.4	1.6					21.8	15.6
ESE			1.6	.8	1.6	1.6						5.6	16.7
SE	.8	1.6	1.6	.8								4.8	7.5
SSE		.8	.8									1.6	6.5
S		.8										.8	4.0
SSW	1.6											1.6	2.5
SW	2.4											2.4	2.3
WSW													
W	.8	1.6										2.4	4.3
WNW		1.6	.8									2.4	5.3
NW													
NNW		1.6	1.6									3.2	6.3
VARBL													
CALM													
	8.1	21.8	24.2	28.2	10.5	4.8	2.4					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 124

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.4	.8	.8								4.1	7.0
NNE	.8	2.4		1.6								4.9	6.8
NE		1.6	7.3	3.3		.8						13.0	10.9
ENE			9.8	13.8	6.5	2.4						32.5	13.5
E		.8	2.4	5.7	1.6	2.4						13.0	14.7
ESE		2.4	1.6	3.3	2.4	1.6						11.4	13.5
SE		2.4	1.6	1.6	2.4							8.1	11.1
SSE		.8										.8	4.0
S	1.6											1.6	2.0
SSW	2.4											2.4	3.0
SW	1.6											1.6	2.0
WSW													
W													
WNW	2.4											2.4	2.3
NW	1.6	.8										2.4	2.3
NNW		.8	.8									1.6	6.5
VARBL													
CALM													
	11.6	14.6	24.4	30.1	13.0	7.3						100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 123

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.5	1.3	.1								3.2	6.1
NNE	.5	2.3	1.9	1.1	.1							5.9	7.6
NE	.4	2.1	5.2	4.8	1.4	.2						14.1	10.8
ENE	.1	2.6	7.1	8.7	3.5	1.8	.2					24.0	12.6
E	.3	1.1	2.8	6.4	4.5	2.5	.5					18.1	15.1
ESE	.1	1.0	1.6	2.5	2.7	1.3	.1					9.3	14.7
SE	.5	1.4	1.3	1.3	.6							5.0	9.4
SSE	.7	.7	.5									2.0	5.2
S	.6	.5										1.1	3.2
SSW	.9	.5	.2									1.7	3.8
SW	.7	.9	.3									2.0	4.6
WSW	.8	.8										1.7	3.2
W	1.3	1.0	.2									2.5	4.2
WNW	1.3	.9	.8									3.0	4.4
NW	1.0	1.6	.7									3.3	4.8
NNW	.4	1.1	1.5									3.0	6.0
VARBL													
CALM													
	11.2	20.2	25.3	28.8	12.8	5.7	.8					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 959

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0000-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.9	.9									1.8	6.8
NNE	.4	1.3	1.3	.4		.9	.4					4.9	12.5
NE	1.3	2.2	4.0	2.7	1.8							12.0	9.7
ENE	.9	1.3	7.6	7.1	3.1	1.3	.4					21.8	12.3
E		.9	4.9	9.3	4.9	4.4						24.4	15.1
ESE			2.2	4.9	2.2	.4						9.8	14.0
SE	.4		1.3	2.2	2.7	.9						7.6	14.4
SSE		1.3	2.2	.9	.4							4.9	8.8
S		1.8	1.8	.4								4.0	7.7
SSW		.4										.4	4.0
SW			.4									.4	7.0
WSW	.4											.4	3.0
W	.4	2.2	.9									3.6	5.8
WNW		.4	.9									1.3	7.7
NW			.4									.4	7.0
NNW		.9	.9	.4								2.2	8.0
VARBL													
CALM													
	4.7	13.8	29.8	28.4	15.1	8.0	.9					100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 225

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00071 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4	1.3									1.8	7.5
NNE	.4	1.8	.4		.9	.4						4.0	10.2
NE		.9	2.2	4.0	.9	.9						8.8	13.1
ENE	.4	3.1	9.7	8.8	3.5	.4						26.1	11.4
E		.4	5.8	7.5	3.5	4.0	.4					21.7	15.1
ESE		.9	4.0	6.2	4.4	.9						16.4	13.9
SE		.4	2.7	3.1								6.2	10.0
SSE	.4		.9	.9	.4							2.7	11.7
S		.4	1.3		.4							2.2	10.0
SSW			.4									.4	7.0
SW	.4	.4										.9	4.5
WSW													
W		1.3	.4									1.8	5.5
WNW	.4	1.3	.4									2.2	4.4
NW	.4	1.3	.9									2.7	5.5
NNW		.4	1.3	.4								2.2	8.6
VARBL													
CALM													
	2.7	13.3	31.9	31.0	14.2	6.6	.4					100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 226

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.9	.9									1.8	7.0
NNE	.5	1.4	.9	.5								3.2	6.9
NE		2.7	6.8	2.3	2.3	.9						14.9	11.2
ENE		3.2	5.4	10.4	4.1	.9						23.9	12.0
E		.5	4.5	6.8	6.8	2.7	.9					22.1	15.8
ESE	.5	.9	5.4	1.4	2.3	1.4	.5					12.2	12.9
SE		1.4	1.8	1.8	1.8	.5						7.2	12.6
SSE			.9	1.4								2.3	12.2
S	.5	.5	.5									1.4	5.3
SSW	.5		1.8									2.3	7.4
SW		.5	.9									1.4	8.0
WSW		.5										.5	4.0
W													
WNW	.5	1.8										2.3	4.0
NW		.9	.9									1.8	7.3
NNW	.5	.5	1.4	.9								3.2	8.7
VARBL													
CALM													
	2.7	15.3	32.0	25.2	17.1	6.3	1.4					100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 222

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.8	.9	.5								3.2	7.4
NNE		.5	4.1	.5								5.0	8.2
NE		.9	5.9	3.2	1.4	.9						12.2	12.0
ENE		1.8	5.9	5.4	3.2	1.4						17.6	12.7
E		1.4	7.2	5.4	5.9	4.1		.9				24.8	15.4
ESE		.5	4.5	2.7	2.3	.9						10.8	12.6
SE	.5	1.4	1.4	1.8	.9							5.9	9.8
SSE			.9	.9	.5							2.3	12.2
S		1.4	.5									1.8	6.3
SSW	.5	.9										1.4	4.3
SW		1.4	.5									1.8	5.5
WSW			.5									.5	7.0
W	.9	.5	.9									2.3	4.8
WNW		1.4	.5									1.8	5.3
NW	2.3	.9	.9									4.1	4.3
NNW	.5	1.8	1.4	1.4								5.0	7.5
VARBL													
CALM													
	4.5	16.2	35.6	21.6	14.0	7.2		.9				100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 222

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.9	.9	.5								2.7	6.7
NNE	.5	3.7	2.7	.9								7.8	6.8
NE	.5	2.7	5.0	3.7	2.7							14.6	10.8
ENE		.5	5.5	7.8	1.4	1.4	.5	.9				17.8	14.5
E		.9	4.6	7.8	1.8	1.4	.5					16.9	13.2
ESE		1.8	2.3	3.2	2.7	1.8						11.9	13.7
SE	.5	.5	2.7	2.3	.9							6.8	10.8
SSE		.9	.5									1.4	6.3
S		1.8	.5									2.3	6.0
SSW	.5	.9										1.4	4.0
SW		.9	.5									1.4	6.0
WSW	.5	.9										1.4	4.0
W		.9	.5									1.4	5.7
WNW	1.8	.9	.9									3.7	5.4
NW	.9	1.8	1.4	.5	.5							5.0	7.2
NNW	.5	2.3	.9									3.7	5.4
VARBL													
CALM													
	5.9	22.4	28.8	26.5	10.0	4.6	.9	.9				100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 219

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001	MAUI OPTICAL SITE HI NORTH TOWER	78-80	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4	1.8									2.2	7.6
NNE		1.3	4.0	2.2								7.6	9.1
NE	.9	4.4	4.9	7.6	3.1							20.9	10.7
ENE	.9	2.2	2.2	4.9	4.4	1.3	.4					16.4	13.8
E	.4	.9	4.4	9.8	.9	.9		.4		.4		18.2	13.5
ESE			2.7	4.4	1.3		.4					8.9	14.2
SE		.4	.4	2.2								3.1	11.7
SSE	.4	2.7	.4									3.6	5.3
S	.4											.4	2.0
SSW	.4											.4	3.0
SW		2.2										2.2	5.0
WSW													
W	.4	1.8	.9									3.1	5.4
WNW	.4	3.1	2.2									5.8	6.1
NW	.9	1.3	.9	.9								4.0	6.6
NNW		1.3	1.8									3.1	6.4
VARBL													
CALM													
	5.3	22.2	26.7	32.0	9.8	2.2	.9	.4		.4		100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 225

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.3	.4									1.8	6.5
NNE		2.2	1.8	.9	.4							5.4	8.9
NE		1.3	4.0	11.2	1.8							18.3	12.4
ENE		1.8	5.4	5.8	2.7	.9	1.3					17.9	13.8
E		1.3	9.4	8.9	.9	2.7	.9					24.1	13.1
ESE		1.8	3.1	4.0	.9	.9		.4				11.2	12.8
SE	.4	.9	.4	.9		.4						3.1	9.7
SSE		.9	.4									1.3	5.7
S	.4	.4	.4	.4	.4							2.2	9.6
SSW													
SW			.4									.4	8.0
WSW	.4	.4	.9									1.8	5.8
W		.4	.9									1.3	7.7
WNW	1.3											1.3	2.3
NW	.4	2.2	1.3	2.2								6.2	7.5
NNW	.4	1.8	1.3									3.6	5.8
VARBL													
CALM													
	3.6	17.0	30.4	34.4	7.1	4.9	2.2	.4				100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 224

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.9	.4	.9								2.2	8.8
NNE		1.7		.4		.4						2.6	9.7
NE		2.2	7.0	8.7	.9	.9						19.7	11.5
ENE	.4	.9	6.6	12.7	2.2	3.1						25.8	13.0
E		.4	5.2	7.0	2.6	3.1						18.3	14.2
ESE		.9	3.1	3.5	1.7	1.7	.9	.4				12.2	15.7
SE		2.2	.9	1.7	.4	.9						6.1	11.8
SSE		.9	.9	.9								2.6	9.2
S		.4		.4								.9	11.0
SSW			.4									.4	7.0
SW			.9									.9	7.5
WSW	.4	.4	.9									1.7	5.8
W		.4										.4	4.0
WNW			.4									.4	7.0
NW			3.5									3.5	8.1
NNW		.4	1.3	.4								2.2	8.2
VARBL													
CALM													
	.9	11.8	31.8	36.7	7.9	12.0	.9	.4				100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 229

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00031 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.9	.9	.2								2.2	7.3
NNE	.2	1.7	1.9	.7	.2	.2	.1					5.0	8.9
NE	.3	2.2	5.0	5.4	1.8	.4						15.2	11.3
ENE	.3	1.8	6.0	7.9	3.1	1.3	.3	.1				20.9	12.8
E	.1	.8	5.7	7.8	3.4	2.9	.3	.2		.1		21.3	14.5
ESE	.1	.8	3.4	3.8	2.2	1.0	.2	.1				11.7	13.7
SE	.2	.9	1.5	2.0	.8	.3						5.7	11.6
SSE	.1	.8	.9	.6	.2							2.6	9.0
S	.2	.8	.6	.2	.1							1.9	7.7
SSW	.2	.3	.3									.8	5.5
SW	.1	.7	.4									1.2	6.1
WSW	.2	.3	.3									.8	5.1
W	.2	.9	.6									1.7	5.6
WNW	.6	1.1	.7									2.3	5.3
NW	.6	1.1	1.3	.4	.1							3.5	6.7
NNW	.2	1.2	1.3	.4								3.1	7.2
VARBL													
CALM													
	3.7	16.5	30.8	29.5	11.9	6.2	.9	.4		.1		100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 1792

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.7	.7									2.2	5.2
NNE	.7	1.5	1.8	.4								4.4	6.4
NE	.7	3.7	5.1	4.0	2.6	.4						16.5	10.2
ENE	.4	2.9	6.6	8.1	2.2	1.1						21.3	11.6
E	.4	2.2	3.3	8.8	2.9	1.8	.4	.4				20.2	14.0
ESE	1.1	3.7	4.0	3.7	2.2	1.1						15.9	10.7
SE		1.1	2.2	1.1	.7							5.1	9.9
SSE	1.1	2.2	.7									4.1	5.0
S	.7											.7	3.0
SSW	.7	.4	.7	.4								2.2	6.0
SW	1.1											1.1	2.3
WSW	1.5											1.5	2.3
W	.7			1.1								1.8	8.8
WNW	.7	1.1										1.8	3.6
NW		.7	.4									1.1	6.0
NNW													
VARBL													
CALM													
	10.7	20.2	25.7	27.6	10.7	4.4	.4	.4				100.2	10.3

TOTAL NUMBER OF OBSERVATIONS 272

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7		.4	1.1								2.2	8.3
NNE	.4	1.5	1.8	.7								4.4	7.2
NE	.7	1.8	7.4	3.7	1.8	.4						15.9	10.5
ENE	.4	3.3	6.3	7.0	3.3	1.5					.4	22.1	14.1
E		1.8	6.6	2.6	2.6	1.5	.4					15.5	12.4
ESE		2.6	2.2	5.9	1.5		.7					12.9	12.1
SE		2.2	2.6	1.1	.4		.4					6.6	10.0
SSE	1.1	.7	.4		.4							2.6	6.4
S	.4	.4	1.1									1.8	5.4
SSW	.4			.4								.7	7.0
SW	1.8			.4	.4							2.6	6.4
WSW	.7	.7		.4								1.8	5.2
W	1.8	.7	.4	.4								3.3	5.0
WNW	1.1	1.5										2.6	3.9
NW	.4	.4	1.1									1.8	6.0
NNW	1.5	.7	.7									3.0	4.8
VARBL													
CALM													
	11.4	18.5	31.0	27.6	10.3	3.3	1.5				.4	100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 271

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.4	2.6	.4								3.7	7.6
NNE	.4	3.3	2.6	.7								7.0	7.1
NE		2.9	3.7	5.9	1.1		.4					14.0	10.9
ENE	.4	2.6	8.8	11.8	1.5	2.2						27.2	11.9
E	.7	1.5	4.8	4.0	1.8	.4	.7					14.0	12.0
ESE	1.1	2.2	1.5	2.9	.7	1.1	.4					9.9	11.4
SE	1.5	1.5	1.1	.7	.7	.4						5.9	9.1
SSE	1.1	.4	.7	1.1								3.3	7.9
S	.7	.4										1.1	3.3
SSW	.4	.4										.7	3.0
SW	1.1	1.1	.7	.7	.4							4.0	7.1
WSW	.7			.4								1.1	5.7
W	2.6	.7		.4								3.7	3.6
WNW	.7	.4										1.1	4.0
NW	1.1	.7	.4									2.2	4.0
NNW	.4		.7									1.1	6.3
VARBL													
CALM													
	13.2	18.4	27.6	29.0	6.2	4.0	1.5					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 272

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.3	1.5									3.8	6.5
NNE	.8	2.3	2.6	.8								6.4	7.0
NE	.4	1.9	6.8	4.5	1.9	.4	.4					16.2	11.1
ENE	.8	3.4	5.6	6.0	2.6	2.6	.8					21.8	13.1
E	.4	1.5	2.6	4.1	2.6	.4						11.7	12.4
ESE		.8	1.5	4.1	.4	.8						7.5	12.8
SE	.4	1.9	.8	1.9	.4	.4	.8	.4				6.8	13.4
SSE	.4	1.9	.8	.8	.4							4.1	8.0
S	1.1	1.1	.4									2.6	4.4
SSW		.8										.8	4.0
SW		.8										.8	4.5
WSW	1.5	.8	.8									3.0	4.5
W	.8	1.5	.4	.8								3.4	6.7
WNW	.8	1.5										2.3	3.7
NW	.8	3.0	.8	.4								4.9	5.3
NNW		1.1	1.9	1.1								4.1	8.3
VARBL													
CALM													
	7.9	26.3	26.3	24.8	8.3	4.5	1.9	.4				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 266

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.1	2.2	.4								4.1	6.9
NNE	.7	2.2	4.5	1.5								9.0	7.5
NE		1.9	3.4	4.5	1.9	1.5	.4					13.5	12.9
ENE		.7	4.9	6.4	3.0	.4						15.4	13.0
E	.4	2.2	4.9	4.5	1.9	1.9		.4				16.1	13.0
ESE	.7	1.5	.4	1.1				.4				4.1	9.7
SE		1.1	1.5	.7	.7		.4					4.5	11.3
SSE	.7	1.1	1.9	.7								4.5	7.1
S	.4		.4			.4						1.1	12.3
SSW	.4	1.1	.4									1.9	5.0
SW		1.9	.4									2.2	5.3
WSW	1.5	1.1	.4	.4								3.4	5.1
W	1.9	2.2	.4	.4								4.9	5.0
WNW	1.1	3.1	1.5	.4								6.0	5.6
NW		1.5	1.9									3.4	7.0
NNW	1.9	1.5	1.5	.7	.4							6.0	7.3
VARBL													
CALM													
	10.1	24.3	30.3	21.7	7.9	4.1	.7	.7				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 267

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.3	1.5	1.1								5.6	6.8
NNE	.4	1.5	3.0	.8								5.6	7.5
NE	.4	4.1	3.0	1.9	.8	.8						10.9	9.7
ENE		3.8	8.3	5.3	3.0	.4	.4				.4	21.4	12.5
E	1.5	1.5	4.9	4.9	1.5	2.6		.4				17.3	13.1
ESE	.4	1.5	2.3	1.5	.4		.4					6.4	10.1
SE		3.0	1.1					.4				4.5	8.8
SSE		1.5	1.1	1.1	.8	.4						4.9	10.5
S		.8	.4			.4						1.5	10.8
SSW		2.6										2.6	4.7
SW	.8	.8										1.5	3.8
WSW	1.1	.8										1.9	3.2
W	.4	1.5	.8									2.6	5.6
WNW	.4	3.0	.8									4.1	5.2
NW	.4	2.6	1.5	.4								4.9	6.4
NNW	.4	.4	1.1	1.9	.4							4.1	10.5
VARBL													
CALM													
	6.8	31.6	29.7	18.8	6.8	4.5	.8	.8			.4	100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 266

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001	MAUI OPTICAL SITE HI NORTH TOWER	78-80	AUG
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.8	1.1	1.1								4.4	7.4
NNE		1.5	2.6	.7								4.8	7.7
NE	.4	1.5	5.1	4.0	.7	.4	.4					12.5	10.8
ENE	1.1	1.5	8.5	8.8	3.3	1.1	.4					24.6	12.0
E	.7	1.5	7.7	6.6	1.1	1.5	1.5	.4				21.0	13.1
ESE	.4	1.1	2.6	2.2	.7		.4	.7				8.1	13.9
SE	.4	1.1	1.5	.7	.4							4.0	8.5
SSE	.7	.7	1.1	.4								2.9	6.1
S	.4	.4	.4	.4								1.5	7.0
SSW	.7	.4	1.1									2.2	5.0
SW	1.1	.4	.7									2.2	4.3
WSW	1.5	.4	.4	.4								2.6	5.1
W	1.1	.4	.4									1.8	4.0
WNW	1.5	1.1	.4									2.9	3.9
NW	1.8	.4	.7	.4								3.3	5.3
NNW		.4	.4	.4								1.1	8.7
VARBL													
CALM													
	12.1	14.3	34.6	26.1	6.2	2.9	2.6	1.1				100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 272

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00771 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.9	.7	.4								4.4	5.5
NNE	.4	1.5	1.9	1.1	.4							5.2	8.6
NE	.4	1.9	5.2	4.4	.7	1.1	.4					14.1	11.7
ENE	.7	2.2	7.8	10.0	3.3	.7						24.8	11.9
E	.7	1.9	3.7	9.6	4.1	3.3	.4					23.7	14.2
ESE	1.1		1.9	2.2	.4	1.9						7.4	13.8
SE	.7	2.2	2.6	1.5								7.0	7.2
SSE		2.2	2.6									4.8	7.3
S	.7		.4									1.1	4.0
SSW	.7		.4									1.1	4.0
SW		.4										.4	6.0
WSW			.4	.7								1.1	10.0
W	1.1		.4									1.5	3.8
WNW	.4	.4										.7	3.5
NW	.4	.7										1.1	4.3
NNW	.4		.4	.7								1.5	8.5
VARBL													
CALM													
	9.3	15.2	28.1	30.7	8.9	7.0	.7					100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 270

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

02001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	1.3	.6								3.8	6.8
NNE	.5	1.9	2.6	.8	.0							5.8	7.4
NE	.4	2.5	5.0	4.1	1.4	.6	.2					14.2	11.0
ENE	.5	2.6	7.1	7.9	2.8	1.3	.2				.1	22.4	12.4
E	.6	1.8	4.8	5.7	2.3	1.7	.4	.2				17.4	13.1
ESE	.6	1.7	2.0	3.0	.8	.6	.2	.1				9.0	11.8
SE	.4	1.8	1.7	1.0	.4	.1	.2	.1				5.6	9.8
SSE	.6	1.3	1.2	.5	.2	.0						3.9	7.4
S	.6	.4	.4	.6		.1						1.4	6.3
SSW	.4	.7	.3	.1								1.5	5.0
SW	.7	.6	.2	.1	.1							1.9	5.5
WSW	1.1	.5	.2	.3								2.0	4.9
W	1.3	.9	.3	.4								2.9	5.2
WNW	.8	1.5	.3	.0								2.7	4.6
NW	.6	1.3	.8	.1								2.8	5.7
NNW	.6	.5	.8	.6	.1							2.6	7.8
VARBL													
CALM													
	10.2	21.1	29.2	25.3	8.2	4.8	1.3	.8			.1	100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 2156

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2	.4	.4								1.9	7.4
NNE	.4	.8	.4	2.3		.4						4.2	10.7
NE	.4	1.5	3.9	8.5	1.5	1.2						17.0	12.5
ENE	.8	1.5	5.8	13.5	8.9	2.3						32.8	14.1
E	.8	1.5	3.9	5.8	5.8	2.3						20.1	14.1
ESE	.4		1.2	1.9	2.3	.8						6.6	14.8
SE	.4	1.2	.8	1.2	.4							3.9	8.9
SSE		.4	.8	1.2	.4							3.1	10.4
S	.8	.4	1.5									2.7	5.9
SSW		1.2										1.2	5.7
SW	.4	.4	.4									1.2	4.7
WSW	.4	.8	.8									1.9	5.0
W		.4										.4	5.0
WNW	.8											.8	2.0
NW		1.2										1.2	5.0
NNW	.4	.4	.4									1.2	4.7
VARBL													
CALM													
	5.8	13.1	20.1	34.7	19.3	6.9						100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 259

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00091	MAUI OPTICAL SITE HI NORTH TOWER	78-80	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.8	.4	.8								1.9	8.6
NNE	.4	.4	1.1	1.1	.4							3.4	10.4
NE		1.9	6.8	4.9	4.9	.4						19.0	12.2
ENE	.4	1.5	8.4	9.9	5.7	1.5						27.4	13.0
E	.8	1.5	5.7	6.1	6.5	1.1						21.3	13.4
ESE	.4	1.5	2.7	3.0	2.3	.4						10.3	12.8
SE	.4	1.5	.4	1.1								3.4	7.6
SSE			.4	.8								1.1	10.7
S	.4	.8	.4									1.5	5.8
SSW	.4	.4										.8	3.5
SW		1.5	.4									1.9	5.4
WSW	.4	.8										1.1	4.0
W		.8										.8	4.0
WNW	.8	.4	.4									1.5	5.0
NW	.4	1.9	.4									2.7	5.6
NNW	.4	1.5										1.9	4.6
VARBL													
CALM													
	4.6	17.1	27.4	27.8	19.8	3.4						100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 263

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

70071	MAUI OPTICAL SITE HI NORTH TOWER	78-80	SEP
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.2	.4									1.9	4.8
NNE	.4	1.5	1.2	1.2	.4							4.6	8.8
NE	.4	2.7	5.8	7.7	3.9	.8	.4					21.6	12.2
ENE	.4	1.9	9.7	13.9	6.9	1.2						34.0	12.8
E	.4	1.5	2.7	4.2	3.9	3.9						16.6	15.3
ESE		1.2	2.3	1.2	2.3	.4						7.3	12.9
SE			.4	1.5			.4					2.3	14.2
SSE		.4	.8									1.2	8.3
S		.8	.4	.4								1.5	8.3
SSW													
SW	.8	.8										1.5	3.5
WSW	.8	.4										1.2	3.7
W	.4											.4	1.0
WNW		1.2										1.2	4.7
NW	.4	1.5		.4								2.3	6.2
NNW	.8	.8	.8									2.3	5.8
VARBL													
CALM													
	5.0	15.8	24.3	30.5	17.4	6.2	.8					100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 259

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.5	.8									2.3	6.5
NNE	1.1	.8	1.9	2.6	.4							6.8	9.2
NE	.4	2.6	3.8	4.9	3.8	.4						15.8	12.4
ENE		2.3	6.4	10.6	5.7	2.3	.4					27.5	13.7
E	.8	1.1	2.6	6.8	4.5	2.3						18.1	14.0
ESE	.8		2.6	2.3	.4							6.0	10.0
SE	1.5	1.1	.4	.4	.4	.4						4.2	8.6
SSE		1.5	1.1									2.6	6.3
S		.4	.4									.8	5.5
SSW				.4								.4	12.0
SW		.8										.8	4.5
WSW		.4										.4	5.0
W		1.1										1.1	5.0
WNW	.8	1.1	.4									2.3	5.0
NW	1.5	4.2	1.1									6.8	5.0
NNW	1.9	.8	1.5									4.2	5.1
VARBL													
CALM													
	8.7	19.6	23.0	27.9	15.1	5.3	.4					100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 265

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.4	2.7	.4								3.4	7.8
NNE		.8	3.8	2.3	1.1							8.0	11.1
NE		1.9	7.7	9.2	1.9	1.1						21.8	11.8
ENE	.4	1.1	4.6	7.7	5.4	.4						19.5	12.9
E		2.7	3.8	3.4	.8	1.1						11.9	11.6
ESE		.4	.8	3.4	1.1	.8						6.5	14.5
SE	1.1	1.1	1.1	.8	.4	.4						5.0	9.0
SSE	.4	1.1	1.1									2.7	6.0
S	.4	.4										.8	3.5
SSW	.4	.3										1.1	3.0
SW	1.9	1.1										3.1	3.4
WSW	.4	.4										.9	4.5
W	.4	1.5	.4									2.3	5.5
WNW	.4	2.3	.4									3.1	4.9
NW	.8	3.4	3.1									7.3	5.8
NNW		1.5	.4	.8								2.7	7.6
VARBL													
CALM													
	6.9	21.1	29.5	28.0	10.7	3.8						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 261

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00101	MAUI OPTICAL SITE HI NORTH TOWER	78-80		SEP
STATION	STATION NAME	YEARS		MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	.8	.4								2.7	6.6
NNE	.4	1.5	4.9	5.3	1.5							13.7	11.9
NE	.4	1.1	5.7	11.0	1.5							19.8	11.5
ENE		1.1	4.9	7.1	4.6	.8						20.5	13.1
E		1.1	3.0	5.7	2.3	1.9						14.1	13.7
ESE		.8	.4	2.3	.4	.8						4.6	13.7
SE		1.5	.8	.8								3.0	7.3
SSE	.4	.4	1.1									2.3	5.3
S	.4											.4	3.0
SSW	.4		.4									1.1	4.7
SW	1.1		.4									1.5	4.5
WSW	.4	.4										.8	4.0
W	1.9	2.3										4.2	3.6
WNW	.8	1.1	1.1									3.0	5.5
NW	.3	2.7										3.4	4.1
NNW	.4	1.9	2.7									4.9	6.9
VARBL													
CALM													
	8.4	17.1	26.2	34.6	9.3	3.4						100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 263

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

30001	MAUI OPTICAL SITE HI NORTH TOWER	78-80		SEP
STATION	STATION NAME	YEARS		MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	1.9	1.1								5.3	7.6
NNE	.8	.8	1.1	1.5	1.1	.4						5.7	11.3
NE	1.1	.8	5.7	12.1	5.7	.8						26.1	11.3
ENE	.8		3.8	12.5	4.5	1.1						22.7	14.0
E		1.5	2.7	4.9	3.4	2.3	.4					15.2	15.0
ESE	1.5	1.1		2.3	.4	1.5						6.8	12.2
SE		.8	.4	.8	.4							2.3	10.0
SSE	.4	.4	.4	.4								1.5	7.0
S		.4	1.1									1.5	6.8
SSW		.3										.8	6.0
SW	.8	.4	.4									1.5	4.8
WSW	.4	.8										1.1	4.7
W	.8	.4										1.1	2.3
WNW	.4	1.9										2.3	4.8
NW	1.1	.4	.8									2.3	4.2
NNW	1.5	.4	1.9									3.3	5.0
VARBL													
CALM													
	10.6	11.7	20.1	35.6	15.5	6.1	.4					100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 264

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

22001	MAUI OPTICAL SITE HI NORTH TOWER	78-80	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.5	.4	.4								2.3	8.3
NNE	.4	.8	1.9	1.9	.4							5.4	10.3
NE	1.2		3.9	12.0	4.6	1.2						22.8	13.6
ENE	.4	1.2	4.2	11.6	9.7	1.9						29.0	14.5
E	.4	3.1	1.9	4.6	5.0	2.7						17.8	14.7
ESE	.8		2.3	1.9	1.2	.8						6.9	12.6
SE	1.2	1.5	.8	.8								4.2	7.4
SSE	1.2	.4	.8									2.3	4.3
S		.8	.4									1.2	6.7
SSW	.4	.8										1.2	3.3
SW	.4	1.5										1.9	4.8
WSW		.4										.4	6.0
W													
WNW		.4										.4	6.0
NW	.8	.8	.8									2.3	5.8
NNW	.8	.4	.8									1.9	5.2
VARBL													
CALM													
	7.7	13.5	18.1	33.2	21.8	6.6						100.9	12.4

TOTAL NUMBER OF OBSERVATIONS 259

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

30091 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.1	.9	.4								2.7	7.3
NNE	.5	.9	2.1	2.3	.7	.1						6.5	10.5
NE	.5	1.6	5.4	8.8	3.5	.7	.0					20.5	12.5
ENE	.4	1.3	6.0	11.1	6.4	1.4	.0					26.7	13.5
E	.3	1.8	3.3	5.2	4.0	2.2	.0					16.9	14.0
ESE	.5	.6	1.5	2.3	1.3	.7						6.9	12.9
SE	.6	1.1	.6	.9	.2	.1	.0					3.5	8.8
SSE	.3	.6	.8	.3	.0							2.1	7.1
S	.2	.5	.5	.0								1.3	6.1
SSW	.2	.5	.0	.0								.8	4.8
SW	.7	.8	.2									1.7	4.3
WSW	.3	.5	.1									1.0	4.5
W	.4	.8	.0									1.3	4.0
WNW	.5	1.1	.3									1.8	4.9
NW	.7	2.0	.8	.0								3.5	5.3
NNW	.8	1.0	1.1	.1								2.9	5.8
VARBL													
CALM													
	7.2	16.1	23.6	31.5	16.1	5.2	.2					100.0	11.5

TOTAL NUMBER OF OBSERVATIONS 2093

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4		.4								.8	9.0
NNE		1.6	2.0	.8								4.3	8.0
NE		.4	4.3	3.5								8.2	10.4
ENE	.4	2.4	4.3	11.0	3.5	1.2	.4					23.1	13.1
E		1.2	3.1	5.9	5.1	2.7	1.2					19.2	16.3
ESE		.8	2.4	2.7	.4		.4	.4	.4			7.5	14.9
SE		2.0	2.7	1.2								5.9	8.8
SSE	.4	1.2	1.6	1.2								4.3	7.7
S	.4	2.4	.8	.4								3.9	6.5
SSW	.4	1.2	.8	.4								2.7	7.0
SW	.4	2.0	2.4	1.2								5.9	7.0
WSW	.4	.8	.4									1.6	5.3
W	.4	.8										1.2	4.0
WNW	1.2	1.2	.4	.4								3.1	5.6
NW	.4	2.7	2.0	.4								5.5	6.2
NNW		.4	.4	1.6	.4							2.7	11.1
VARBL													
CALM													
	4.3	21.2	27.5	31.0	9.4	3.9	2.0	.8	.4			100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 255

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

22021 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.4	1.2	1.6								4.3	7.9
NNE	.4		2.8	.8								3.9	7.9
NE		.8	5.1	6.7	.4							13.0	10.5
ENE	.4	1.6	3.5	6.3	5.1	.8	.4					18.1	13.7
E		.8	3.5	5.5	4.3	2.4	1.6					18.1	16.2
ESE	.4	1.2	2.0	1.6	.8		.4	.4				6.7	13.2
SE		1.2	2.4	2.4	.4							6.3	10.2
SSE	.4	1.2	2.4	.8								4.7	7.6
S	.4		1.6	.8								2.8	8.9
SSW	.4		2.4	.4								3.1	8.4
SW		1.6	.8	1.6								3.9	9.4
WSW	.8	.4	1.2	.4								2.8	6.9
W	1.2	1.2										2.4	3.5
WNW	1.2											1.2	3.0
NW	.8	.4	2.4	2.0								5.5	8.1
NNW		.4	1.6	1.2								3.1	9.6
VARBL													
CALM													
	7.5	11.0	32.7	31.9	11.0	3.1	2.4	.4				100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 254

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.8	1.6	1.6	.4							4.8	10.2
NNE		.4	1.2	.4	.4							2.4	10.2
NE	.8	.8	6.8	4.4	.8							13.5	10.0
ENE		2.4	3.6	6.4	5.2	1.2		.4				19.1	13.8
E	.4	.8	4.0	6.0	3.6	1.2	.8					16.7	13.9
ESE		.8	2.0	2.0	1.2	1.2	.8	.4				8.4	15.9
SE		1.6	2.0	2.0								5.6	8.6
SSE	.4		2.4	2.0								4.8	9.9
S	.4	.8	1.2	1.6								4.0	8.5
SSW	.4	1.6	.8									2.8	5.6
SW		.8	2.0	1.2								4.0	9.1
WSW	1.2	.8	1.2									3.2	5.3
W	.8	.8										1.6	3.8
WNW	.8											.8	2.5
NW			1.6	.8								2.4	10.5
NNW	.4	.4	2.8	2.4								6.0	9.5
VARBL													
CALM													
	6.0	12.7	33.1	30.7	11.6	3.6	1.6	.8				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 251

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001	MAUI OPTICAL SITE HI NORTH TOWER	78-80	OCT
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.8	1.2	2.4								4.3	10.2
NNE		2.4	2.6	.4								5.5	7.7
NE	.4	2.8	6.3	5.1	.8							15.4	9.7
ENE	.4	.4	3.1	6.3	2.8	1.2						14.2	13.6
E		2.0	2.0	4.7	2.8	2.0	1.6	1.2				16.1	17.0
ESE	.4	.4	3.1	2.0	1.2		.4					7.5	11.9
SE		2.8	2.0	1.2	.8							6.7	8.9
SSE		.8	1.6	1.2	.8							4.3	11.1
S	1.2	1.6	1.6	.8								5.1	6.9
SSW	1.2	.8	2.0		.4							4.3	6.8
SW	.4	.4	1.2	.8								2.8	8.1
WSW	.4	1.2	.8									2.4	5.5
W	1.2	1.2	.4	.4								3.1	5.3
WNW	.8	1.2	.8									2.8	5.1
NW		1.2	1.6	.4								3.1	7.3
NNW		.8	.8	.4	.4							2.4	9.5
VARBL													
CALM													
	6.3	20.5	31.1	26.0	9.8	3.1	2.0	1.2				100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 254

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.4	1.6		.4							4.3	7.1
NNE	.4	1.2	2.0	.8								4.3	7.7
NE		2.4	4.7	3.5								10.6	8.9
ENE	.4	3.1	3.5	6.7	3.9	.8						18.5	12.4
E	1.6	2.0	3.1	2.8	4.3	1.6		1.2				16.5	14.7
ESE	.4	1.2	1.6	2.0	.8							5.9	10.2
SE	1.2	.4	.8	.8								3.1	7.6
SSE	1.6	2.0	1.2	.4	.4							5.5	6.4
S	.4	3.1	.8	.4								4.7	6.2
SSW		1.0	.4	.8								2.8	8.3
SW	.8	1.2	1.6	1.2								4.7	8.3
WSW	.4	3.5	.8	.4								5.1	5.8
W	.8	2.0										2.8	3.9
WNW	1.2	.8	1.6									3.5	5.3
NW	.8	2.0		1.2								3.9	7.0
NNW	.4	.8	1.2	.8	.4							3.5	9.3
VARBL													
CALM													
	10.2	29.5	24.8	21.7	10.2	2.4		1.2				100.1	9.6

TOTAL NUMBER OF OBSERVATIONS 254

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

06001	MAUI OPTICAL SITE HI NORTH TOWER	78-80	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥55	%	MEAN WIND SPEED
N		.8	.4	.8								2.0	9.6
NNE		.4	2.0	2.4	.4							5.2	10.9
NE	.4	2.0	3.6	4.8								10.8	9.7
ENE	.4	2.8	4.8	4.4	2.8	.4						15.5	11.5
E		.4	4.8	6.4	3.2	2.8	.8	.8				19.1	15.7
ESE	.4	1.6	1.2	1.6	.4							5.2	9.3
SE	1.2	1.6	1.6	.4								4.8	6.5
SSE		1.2	1.2	1.2								3.6	8.8
S	.4	2.0	.4	.8								3.6	7.1
SSW	.8	2.8	1.2	.4								5.2	5.7
SW	.4	2.4	.8	1.2								4.8	7.4
WSW	1.2	.8	.8									2.8	4.9
W	1.6	2.0	1.2									4.8	5.3
WNW	2.0	3.6	.8									6.4	4.4
NW	.8	.4	.4	.4								2.0	6.9
NNW	.8	.4	2.4	.8								4.4	7.7
VARBL													
CALM													
	10.4	25.1	27.5	25.5	6.8	3.2	.8	.8				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 251

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00771 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.0	2.8	3.2								8.3	9.5
NNE	.4	.4	.4	2.4	1.6							5.1	13.1
NE			3.6	4.3	2.0							9.9	13.0
ENE	.4		3.2	7.1	4.0	2.0		.4				17.0	15.3
E	.8	.8	2.0	5.5	5.1	2.4	.4	.8				17.8	16.5
ESE	.8	.4	2.4	2.4	.8	.8	.4					7.9	12.8
SE	.4	.8	.8	.8	.8	.4						4.0	11.2
SSE			.8	.4								1.2	10.3
S	1.2	1.2	2.4									4.7	6.1
SSW	1.2	3.2	4.0									8.3	6.3
SW	1.2	1.2	1.6	.8								4.7	6.6
WSW	.8	.4										1.2	3.3
W	1.6	.4										2.0	2.8
WNW	.8		1.6	.4								2.8	7.1
NW	1.2	1.2	.4									2.8	4.9
NNW	.4	1.2		.8								2.4	7.2
VARBL													
CALM													
	11.5	13.1	25.7	28.1	14.2	5.5	.8	1.2				100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 253

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001	MAUI OPTICAL SITE HI NORTH TOWER	78-80	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.6	2.0	1.2								5.1	8.2
NNE	1.6	.8	1.2	1.6	.8							5.9	9.1
NE			3.1	3.5	1.6							8.3	12.4
ENE	.4	2.1	5.5	5.5	7.5	2.0						22.8	14.1
E		.4	2.4	4.3	5.1	4.3	.4	.4	.4			17.7	18.5
ESE		.8	1.2	2.0	1.2			.4				5.5	13.9
SE	.4	1.6	1.6	1.2	.8	.8						6.3	10.7
SSE	1.6	1.6	1.2	1.2								5.5	6.5
S	.8	1.6	.4	.8								3.5	6.4
SSW	.4	1.6	1.2									3.1	6.1
SW	.8	1.2	.8	2.4								5.1	8.7
WSW	1.2	.4										1.6	2.8
W		.4										.4	5.0
WNW	1.2	.4		1.2								2.8	6.6
NW		2.4										2.4	5.0
NNW		1.2	1.6	1.2								3.9	7.9
VARBL													
CALM													
	8.7	17.7	22.0	26.0	16.9	7.1	.4	.8	.4			100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 254

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

22021	MAUI OPTICAL SITE HI NORTH TOWER	78-80	OCT
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.1	1.[illegible]	1.4	.1							4.2	9.0
NNE	.3	.9	1.8	1.2	.4							4.6	9.3
NE	.2	1.1	4.7	4.5	.7							11.2	10.4
ENE	.3	1.8	3.9	6.7	4.[illegible]	1.2	.1	.1				18.6	13.5
E	.3	1.0	[illegible]	5.1	4.2	2.4	.8	.5	.0			17.7	16.1
ESE	.3	.9	[illegible].0	2.0	.8	.2	.3	.2	.0			6.8	13.0
SE	.4	1.5	1.7	1.2	.3	.1						5.3	9.2
SSE	.5	1.0	1.5	1.0	.1							4.2	8.2
S	.6	1.6	1.1	.7								4.0	7.0
SSW	.6	1.6	1.6	.2	.0							4.1	6.6
SW	.5	1.3	1.4	1.3								4.5	6.[illegible]
WSW	.8	1.0	.6	.1								2.6	5.3
W	.9	1.1	.2	.0								2.3	4.3
WNW	1.1	.9	.6	.2								2.9	5.3
NW	.5	1.3	1.0	.6								3.5	7.0
NNW	.2	.[illegible]	1.3	1.1	.1							3.6	9.0
VARBL													
CALM													
	8.1	18.9	28.0	27.6	11.3	4.0	1.2	.8	.1			100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 2026

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001	MAUI OPTICAL SITE HI NORTH TOWER	77-78	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.9	.6									4.6	4.9
NNE	2.3	1.7	2.3	.6								6.9	6.3
NE	.6	1.1	1.7	4.0	2.3							9.7	12.4
ENE		1.7		5.7	2.9		.6					10.9	14.3
E		.6	4.0	2.9	2.9	2.9						13.1	15.5
ESE		1.1	.6	4.6	1.7	1.1						9.1	14.6
SE				1.1								1.1	13.5
SSE	1.1		1.7	2.9	1.1	.6						7.4	12.0
S	1.1	.6	1.7	1.1	.6	1.1						6.3	11.2
SSW		1.7	1.7	1.7								5.1	8.7
SW		1.1	1.1	3.4	.6							6.3	11.3
WSW		.6			.6	.6	.6					2.3	18.8
W	1.1	1.1	1.1									3.4	5.3
WNW		2.3	2.3	.6								5.1	7.3
NW	1.1	.6	2.3									4.0	6.7
NNW	1.7	.6	1.7	.6								4.6	6.1
VARBL													
CALM													
	12.3	17.7	22.9	29.1	12.6	6.3	1.1					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 175

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.1	2.3	1.7								5.7	8.6
NNE		.6	1.7	1.1	1.1							4.6	12.0
NE		.6	4.6	3.4	2.3							10.9	11.5
ENE	.6	.6	3.4	3.4	2.9							10.9	12.1
E	1.1	.6	1.1	5.2	.6	2.9						11.5	14.0
ESE			1.7	1.1	2.3	2.3	1.7					9.2	19.6
SE			.6	1.1	.6	.6						2.9	15.2
SSE	.6			4.0	.6	1.1	1.1					7.5	16.6
S	.6		.6	1.1		.6						2.9	12.8
SSW	.6	1.7	2.3	.6	.6							5.7	8.6
SW	.6	1.7	2.3	3.4	1.1							9.2	10.4
WSW	.6	1.1	2.3	1.1								5.2	7.8
W	1.1		2.3									3.4	5.8
WNW	.6	1.1	.6	1.7		.6						4.6	10.1
NW		1.1	1.7									2.9	7.6
NNW	1.1	.6		1.1								2.9	7.2
VARBL													
CALM													
	8.0	10.9	27.6	30.5	12.1	8.0	2.9					100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 174

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

02001	MAUI OPTICAL SITE HI NORTH TOWER	77-79	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6		.6	.6	.6							2.3	10.5
NNE	.6	1.2	1.7	2.3								5.8	8.8
NE		1.7	2.9	2.9	1.7							9.2	11.3
ENE		2.3	2.3	4.6	1.7							11.0	11.0
E		2.9	3.5	2.3	.6	1.7		.6				11.6	13.1
ESE	.6	.6	1.7	1.2	2.3	2.9	.6					9.8	16.8
SE				3.5			1.2					4.6	17.1
SSE		.6	2.3		.6	1.2	.6					5.2	16.1
S		1.2	1.2	1.2			.6					4.0	12.0
SSW	.6	.6	1.2	1.2	.6		.6					4.6	12.3
SW	2.3	1.7	3.5	2.9	.6							11.0	7.9
WSW	1.7		.6	1.2								3.5	7.0
W	1.2	1.2		.6								2.9	5.4
WNW	1.2	2.3	.6									4.0	5.0
NW	.6	1.2	2.9	.6	1.2	.6						6.9	11.0
NNW	.6	1.7	.6			.6						3.5	7.5
VARBL													
CALM													
	9.8	19.1	25.4	24.9	9.8	6.[illegible]	3.5	.6				170.0	11.3

TOTAL NUMBER OF OBSERVATIONS 173

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03001	MAUI OPTICAL SITE HI NORTH TOWER	77-79	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.6	1.1									2.3	5.3
NNE		.6		1.7								2.3	12.0
NE	.6	1.1	2.3	1.7	.6							6.3	9.8
ENE		1.1	2.9	5.1	2.9							12.0	12.8
E	.6	.6	1.1	2.3	.6	.6		.6				6.3	14.3
ESE	.6	2.3	1.1	2.3	2.3	1.7						10.3	13.5
SE		1.7	1.7	4.0	1.7	.6						9.7	12.8
SSE		2.3	1.7	1.1	1.1	.6	1.1					8.0	13.8
S	.6		2.3	.6			.6					4.0	11.1
SSW		2.3	.6	1.7								4.6	8.0
SW		2.9	2.3	1.7								6.9	8.3
WSW	.6	2.3	1.7	1.7								6.3	7.8
W													
WNW	1.1	3.4	.6									5.1	4.9
NW	1.7	2.3	1.7	.6	1.7							8.0	8.9
NNW	2.3	1.7	3.4	.6								8.0	5.9
VARBL													
CALM													
	3.6	25.1	24.6	25.1	10.9	3.4	1.7	.6				100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 175

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6										.6	6.0
NNE	.6		1.1	1.7								3.3	9.7
NE	.6	2.8	1.7	1.7	.6	1.1						8.3	10.8
ENE	1.1	1.1	3.3	2.2	2.2							9.9	10.2
E	.6	2.2		2.2	1.7		1.1					7.7	13.6
ESE		.6	1.1	3.3	.6		.6					6.1	13.5
SE		2.2	2.8	1.7	4.4	.6	1.1					12.7	14.4
SSE	.6	1.7		3.3		.6						6.1	11.1
S		.6	.6	1.1	1.7	1.1						5.0	15.4
SSW	.6	.6	1.7	.6	.6							3.9	8.7
SW	.6	2.8	1.7	1.1	2.2							8.3	10.3
WSW	2.2	1.7	.6	.6								5.0	5.3
W	1.7	2.2	1.1									5.0	4.7
WNW	3.3	3.3	1.1									7.7	4.4
NW	3.3	2.2		.6	.6							6.6	5.7
NNW	.6	1.7			1.7							3.9	10.1
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X		
	15.5	26.0	16.6	13.9	16.0	3.3	2.8					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 181

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00301 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.5		.5								1.1	7.5
NNE	.5		2.2	.5								3.3	7.8
NE	.5	.5	1.6	2.2	2.2							7.1	12.0
ENE	.5	.5	1.6	6.0	1.1		.5					10.4	13.3
E	.5	1.1	3.3	3.3	3.3		1.1	.5				13.2	14.8
ESE	.5	.5	.5	.5	1.6	1.1						4.9	15.2
SE	1.1	2.2	2.7	3.3	1.1	.5						11.0	10.2
SSE	.5	1.6	3.3	.5	.5		.5					7.1	10.1
S		.5	1.1	.5	.5	.5						3.3	12.8
SSW	.5	1.1	1.6	1.1		.5						4.4	9.6
SW	1.6	2.2	1.1	2.2	1.1	.5						8.8	9.6
WSW		1.6		.5	.5							2.7	9.2
W	.5	1.6	1.6									3.8	6.6
WNW	2.2	1.6	1.6	.5								6.0	6.5
NW		3.3	1.6		.5							5.5	7.5
NNW	2.7	1.1	1.6	1.1								6.6	5.4
VARBL													
CALM													
	12.1	20.3	25.8	27.1	12.6	3.3	2.2	.5				100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 182

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03031 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5		1.1	.5								2.2	7.8
NNE	.5	.5	1.1		.5							2.7	8.3
NE	.5	.5	3.3	2.7	1.6	.5						9.3	11.2
ENE		.5	4.9	3.3	2.7	1.6	2.2					15.4	16.1
E		.5	2.7	6.0	1.6	1.1						12.1	13.5
ESE	.5		1.1	1.1	1.1							3.8	12.9
SE		1.6	2.7	2.2	1.1	.5						8.2	11.5
SSE		1.1	2.2	.5								3.8	8.4
S	2.2	1.1	.5	2.7	.5							7.1	9.3
SSW	1.1	1.6		1.1	.5	.5						4.9	10.9
SW	.5	1.6	2.2	1.1		.5	.5					6.6	11.4
WSW	.5		1.1		.5							2.2	9.8
W	1.1	.5	2.2									3.8	6.1
WNW	1.6	1.6	1.6									4.9	5.4
NW	2.2	2.2	3.3	1.6								9.3	6.8
NNW	.5	1.1	1.6									3.3	6.2
VARBL													
CALM													
	12.1	14.8	31.9	23.1	10.4	4.9	2.7					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 182

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

30071	MAUI OPTICAL SITE HI NORTH TOWER	77-79	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.6	1.7	.6								3.3	7.8
NNE		2.2	2.2									4.4	6.3
NE	1.1	1.1	1.1	3.3	1.7							8.3	11.5
ENE		2.2	7.2	4.4	2.2	2.8						18.8	12.7
E		1.1	2.2	2.8	1.7	2.2	.6					10.5	16.3
ESE		1.1	.6	1.7	3.3							6.6	13.9
SE		.6	1.1	3.3	.6	.6						6.1	12.4
SSE		1.1	2.2	.6								3.9	7.9
S	1.1		1.7	.6	1.1							4.4	10.4
SSW	.6	1.7	1.7		.6	.6	.6					5.5	11.8
SW	1.1	2.2	1.1		1.1							5.5	8.3
WSW	.6	1.1	1.7	1.1		1.1						5.5	11.6
W	1.1	2.2		.6								3.9	5.0
WNW	1.1	1.7	2.2									5.0	5.4
NW	1.7	.6	1.7	.6								4.4	6.1
NNW	.6	1.7	1.7									3.9	5.4
VARBL													
CALM													
	9.4	21.1	29.8	19.3	12.2	7.2	1.1					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 181

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) HAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.8	.9	.5	.1							2.7	7.4
NNE	.6	.8	1.5	1.0	.2							4.1	8.6
NE	.5	1.2	2.4	2.7	1.6	.2						8.6	11.4
ENE	.3	1.3	3.2	4.4	2.3	.6	.4					12.4	13.0
E	.4	1.2	2.2	3.4	1.6	1.4	.4	.2				10.8	14.4
ESE	.3	.8	1.1	2.0	1.9	1.1	.4					7.4	15.3
SE	.1	1.1	1.5	2.5	1.2	.4	.3					7.1	12.9
SSE	.4	1.1	1.7	1.6	.5	.5	.4					6.1	12.4
S	.7	.5	1.2	1.1	.6	.4	.1					4.6	11.7
SSW	.5	1.4	1.3	1.0	.4	.2	.1					4.9	9.8
SW	.8	2.0	1.9	2.0	.8	.1	.1					7.8	9.6
WSW	.8	1.1	1.0	.8	.2	.2	.1					4.1	9.0
W	1.0	1.1	1.1	.1								3.3	5.5
WNW	1.4	2.2	1.3	.4		.1						5.3	6.0
NW	1.3	1.7	1.9	.5	.5	.1						6.0	7.6
NNW	1.3	1.3	1.3	.4	.2	.1						4.6	6.5
VARBL													
CALM													
	10.8	19.4	25.6	24.3	12.1	5.4	2.2	.2				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 1423

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

03091 (STATION) HAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	.8	.4	1.6	1.6	1.2	.4					7.9	13.0
NNE	.8	.4	2.0	.8	.8	1.2	.4	.8				7.1	16.6
NE	.8	.4	2.0	.8	1.2	.4	.8					6.3	14.1
ENE	.8	.8	5.1	6.7	3.9	2.8	.4	.4				20.9	14.7
E	.4	.4	2.0	3.1	1.6	.8	.4	.4	.4			9.4	16.3
ESE		.4		2.4	1.2							3.9	12.9
SE		.4	1.6	2.0		1.2						5.1	12.5
SSE	1.2	2.0	.8	1.6								5.5	7.6
S		2.0	.4	1.2								3.5	7.8
SSW		1.6	1.2	.8	.4	.4						4.3	10.6
SW	.4	1.2	2.0	2.0	1.6							7.1	11.4
WSW	.8	.4	1.2		.8							3.1	9.1
W	.8	.8	.4	.8	.4							3.1	8.6
WNW			.8	1.2	.4							2.4	12.3
NW	.4	1.2	1.6	.8		.8						4.7	10.7
NNW	.4	.4	1.2	2.0	.4	.8	.4					5.5	13.8
VARBL													
CALM													
	8.7	13.0	22.4	27.6	14.2	9.4	2.8	1.6	.4			100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 254

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4	1.6	.4	1.2	1.6	.4					5.6	17.1
NNE	.4	.4		.4	1.2	.8	.4	.4				4.0	19.4
NE		.8	3.6	4.0	2.4	.4	.8	.8				12.7	15.5
ENE		.4	3.6	6.4	2.8	2.0	.4	.4				15.9	15.4
E	.4	1.6	3.2	1.6	2.8	.8	.4	.4				11.2	14.1
ESE	.4	.4	1.6	.4	1.6							4.4	11.6
SE			4.4	2.0								6.4	9.7
SSE		1.6	.8	1.6								4.0	9.1
S	.8	.8	1.2	.4								3.2	6.6
SSW	1.2	.8	2.4	.8								5.2	7.5
SW	.4	2.4	1.6	1.2	.4	.4						6.4	8.6
WSW	.8	.8	.8	.8	.4							3.6	9.0
W		.4	.8	.8	.4							2.4	11.5
WNW	.4	1.6	.8	.4								3.2	5.9
NW			1.2	2.0	.4	.4	.4					4.4	14.8
NNW	1.6	.8	1.6	2.4	.4	.8						7.6	10.2
VARBL													
CALM													
	6.4	13.1	29.1	25.5	13.9	7.2	2.8	2.0				100.0	12.6

TOTAL NUMBER OF OBSERVATIONS 251

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

90001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.4	1.6	1.6	.4	.4		.4				5.2	14.1
NNE			.8	2.4	1.2		1.6	.8				6.9	20.7
NE		.4	.8	2.4	2.0	1.2	1.2	.4				8.5	18.9
ENE	.4		3.6	8.1	3.6	.4		.4				16.5	14.4
E	.4	2.0	2.0	4.0	.4	2.0	.4		.4			11.7	14.5
ESE	.4	.4	2.4	2.8	.8	.8						7.7	12.3
SE		.8	2.4	1.6								4.8	9.3
SSE	.4		2.4	.8								3.6	8.9
S			.8	.8	.4	.4						2.4	14.5
SSW	.4	1.2	.4	.4				.8				3.2	14.3
SW		2.4	3.6	2.0	.4	.4						8.9	10.0
WSW	3.2	1.2	1.2	.4								6.0	4.9
W		.4	.8	.8								2.0	10.8
WNW	.8			2.0								2.8	10.1
NW		.4	.4	.8		.4						2.0	12.8
NNW		.8	2.0	2.0	1.6	1.2						7.7	13.8
VARBL													
CALM													
	6.5	10.5	25.4	33.1	10.9	7.3	3.2	2.8	.4			100.0	13.4

TOTAL NUMBER OF OBSERVATIONS 248

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

02001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4	1.2	2.4	.8	2.0		.8				7.8	17.6
NNE	1.6	1.2	.8	2.0	.8	1.2	.4	.4				8.6	13.5
NE	.8	1.2	1.6		.8	1.6	.8					6.9	15.2
ENE	.8	.8	1.2	5.7	2.4	1.2	.4					12.7	14.6
E		2.9	1.2	1.6	.8	1.6	.8					9.0	14.3
ESE	.4	.4	.8	2.0	2.0	1.2						6.9	15.5
SE	.8		3.7	2.9								7.3	9.1
SSE	.4	1.6	1.6	1.2	.4	.4						5.7	10.0
S			.4	.8	1.2	.8						3.3	18.0
SSW		.4	2.9	.4		.4			.4			4.5	13.6
SW	1.6	.8	2.4	1.2	1.2							7.3	9.6
WSW		.4	1.2	.4								2.0	9.2
W	.8	.4	.8	1.2								3.3	7.4
WNW	.8		.8	1.6								3.3	9.8
NW	.4	.4	1.2	1.6								3.7	9.2
NNW	1.2	1.2	1.6	1.2	.8	1.6						7.8	12.2
VARBL													
CALM													
	9.8	12.2	23.7	26.5	11.4	12.2	2.4	1.2	.4			100.0	13.0

TOTAL NUMBER OF OBSERVATIONS 245

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MA

SURFACE WINDS

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

91001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.4	.8	2.5	.8	2.1		.8				7.9	17.7
NNE	1.2	.8	2.1	.4		1.2	.8	.4				7.1	14.4
NE		.8	3.3	1.2	2.1							7.5	11.7
ENE	.4	.8	.8	4.6	4.6	1.7				.4		13.3	16.6
E		1.7	2.1	1.7	.8	1.7						7.9	13.8
ESE		.4	1.2	1.2	.8	2.1		.4				6.2	18.4
SE	.4	1.2	1.7	2.9								6.2	9.9
SSE	.4	1.2	1.2	2.1	.8							5.8	10.2
S	1.2			.4	.4							2.1	8.8
SSW			3.3	1.7	.4							5.4	10.5
SW	.4	.4	.4	2.5	2.5							6.2	13.8
WSW	.8		.8	.4								2.1	6.4
W		1.2	1.2	.4								2.9	7.4
WNW	.4	1.2	.8	.4	.4							3.3	8.0
NW	1.2	2.1	.8	1.2	.8	.4						6.6	9.9
NNW	.4	1.2	2.9	3.7	1.2							9.5	11.0
VARBL													
CALM													
	7.5	13.7	23.7	27.4	15.8	9.1	.8	1.7		.4		100.1	12.9

TOTAL NUMBER OF OBSERVATIONS 241

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.8	2.5	1.6	1.2	1.6	1.6	.4				10.3	17.4
NNE	.4	2.1	.8	.8	1.2		.4	.8				6.6	14.3
NE	.8	1.2	1.2	1.2	.8	1.2	.4		.4			7.4	14.8
ENE	.4	1.2	2.9	4.1	3.7	1.6	.8					14.8	15.3
E	.4	.8		2.9	1.6	.4	.8		.4			7.4	17.0
ESE		.4	.8	.4	.4	2.5						4.5	17.9
SE	.4	1.6	2.1	.4	.4							4.9	7.9
SSE	.4	.8	1.6	1.6	.4							4.9	10.0
S	.4			.4								.8	8.5
SSW	.4	.8	1.2		.4							2.9	7.6
SW	.8	.8	1.2	2.9	.4		1.2					7.4	13.6
WSW		1.2	2.5	.8	.8							5.3	9.6
W	.8	.4	1.2	.4								2.9	6.5
WNW	.4	1.6	1.6	.8	.4							4.9	8.3
NW	1.2	2.1	.8	2.1	1.2							7.4	9.4
NNW	.4	.8	.4	2.9	1.2	1.2	.4					7.4	15.2
VARBL													
CALM													
	7.8	16.9	21.0	23.5	14.4	8.6	5.8	1.2	.8			100.0	13.3

TOTAL NUMBER OF OBSERVATIONS 243

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00071 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.6	.8	2.4		3.2	.4	.4				9.2	16.8
NNE	.4	.8	2.0	4.4		2.4	.8	1.2				12.0	17.2
NE	.4	.8	2.0	2.8	2.4	.8						9.2	13.8
ENE	.4	1.2	2.4	2.4	3.2	2.4	.4					12.4	15.2
E	.4	.4	2.0	3.6	1.2	1.2	.8	.8				10.4	16.7
ESE		.4	.8	1.2	.4	2.0		.4	.4			5.6	19.7
SE	.4	.4	.4	1.2	.8							3.2	12.5
SSE		1.2		3.2								4.4	10.9
S	.4		.4	.8	.4							2.0	10.6
SSW	.4		.8		.8							2.0	11.2
SW	1.2	.4	1.6	.8		1.2						5.2	11.1
WSW	.4	.8	1.2	3.6								6.0	10.9
W	.8	.8	2.0	1.2								4.8	7.5
WNW	.4	1.2	.4	1.2								3.2	8.3
NW		.4	1.2	2.0	.4	.4						4.4	12.1
NNW	.4	2.0		1.2	1.2	.4	.4					5.6	12.9
VARBL													
CALM													
	6.4	12.4	18.1	32.1	10.8	14.1	2.8	2.8	.4			100.0	14.1

TOTAL NUMBER OF OBSERVATIONS 249

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 77-79 YEARS | DEC MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.4	1.6	1.2	1.2	1.2						5.8	14.1
NNE	1.6	.4	1.9	2.7	1.9	2.3	1.2	.4				12.5	16.3
NE	.4		1.6	2.3	1.2	1.2		1.6				6.2	19.1
ENE		.8	3.1	5.1	2.7	1.2	.4	1.2				14.4	16.0
E	.4	1.9	1.2	3.5	1.6	1.6	1.2	1.2	.4			12.8	17.6
ESE		.4	.4	1.9	1.9	.4						5.1	15.2
SE			1.6	1.2	.8							3.5	12.8
SSE		.4	.8	1.9								3.1	11.0
S		.4		.4	.4							1.2	11.3
SSW	.4	1.2	.4	.8								2.7	6.7
SW		1.2	1.9	3.5	.8							7.4	11.6
WSW	.4	1.6	1.9	1.9	.8							6.6	9.4
W	.8	1.6	.8	.8								3.9	6.8
WNW	.8		.4		.4							1.6	7.8
NW	.8	1.6	.4	1.6	1.2							5.4	10.1
NNW	.8	.8	1.2	1.2	1.2		.8					5.8	13.3
VARBL													
CALM													
	6.6	12.5	19.1	30.0	16.0	7.8	3.5	4.3	.4			100.0	14.0

TOTAL NUMBER OF OBSERVATIONS 257

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.7	1.3	1.7	.9	1.7	.4	.4				7.4	16.1
NNE	.8	.8	1.3	1.8	.9	1.2	.8	.7				8.1	16.4
NE	.4	.7	2.0	1.9	1.6	.9	.5	.4	.1			8.4	15.5
ENE	.4	.8	2.9	5.4	3.4	1.7	.4	.3		.1		15.1	15.2
E	.3	1.5	1.7	2.8	1.4	1.3	.6	.4	.2			10.0	15.6
ESE	.2	.4	1.0	1.6	1.2	1.1		.1	.1			5.5	15.5
SE	.3	.6	2.2	1.8	.3	.2						5.2	10.2
SSE	.4	1.1	1.2	1.8	.2	.1						4.6	9.7
S	.4	.4	.4	.7	.4	.2						2.3	10.9
SSW	.4	.8	1.6	.6	.3	.1		.1	.1			3.8	10.3
SW	.6	1.2	1.9	2.0	.9	.3	.2					7.0	11.2
WSW	.8	.8	1.4	1.1	.4							4.4	8.7
W	.5	.8	1.0	.8	.1							3.2	8.0
WNW	.5	.7	.7	1.0	.2							3.1	8.7
NW	.5	1.0	1.0	1.5	.5	.3	.1					4.8	10.8
NNW	.7	1.0	1.4	2.1	1.0	.8	.3					7.1	12.7
VARBL													
CALM													
	7.4	13.0	22.8	28.2	13.4	9.5	3.0	2.2	.4	.1		100.0	13.3

TOTAL NUMBER OF OBSERVATIONS 1988

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-80 (YEARS) ALL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.0	1.2	1.1	.3	.3	.1	.1				4.4	10.7
NNE	.4	1.2	1.8	1.4	.4	.2	.1	.1				5.6	10.4
NE	.3	1.3	3.7	3.9	1.4	.4	.1	.2	.0			11.1	11.6
ENE	.3	1.5	4.8	6.4	3.1	1.2	.2	.1		.0	.0	17.7	13.1
E	.3	1.2	2.9	4.3	2.5	1.6	.4	.2	.0	.0		13.5	14.5
ESE	.3	.8	1.6	2.0	1.2	.8	.1	.1	.0			6.7	13.6
SE	.3	1.0	1.4	1.4	.5	.3	.1	.0				5.0	10.9
SSE	.4	.9	1.1	1.0	.3	.1	.1	.1	.0			3.3	10.5
S	.4	.7	.7	.6	.3	.2	.1	.0	.0			2.9	10.7
SSW	.4	.8	.7	.5	.3	.3	.1	.1	.0	.0		3.2	11.4
SW	.5	1.0	1.2	1.3	.8	.5	.2	.1	.0			5.6	12.6
WSW	.6	.8	.7	.7	.3	.1	.1	.0	.0			3.2	9.7
W	.8	1.1	.7	.5	.2	.1	.0	.0				3.5	7.7
WNW	.8	1.2	.9	.6	.2	.1	.0	.0				3.8	7.7
NW	.8	1.4	1.4	1.0	.5	.3	.1	.0				5.5	9.7
NNW	.5	1.0	1.3	1.1	.3	.2	.0					4.5	9.6
VARBL													
CALM												.0	
	7.5	16.9	26.1	27.7	12.7	6.5	1.3	.8	.1	.0	.0	100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 19385

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

   NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: Direct conversion of temperatures from Celsius to Fahrenheit values results in the exclusion of certain values. The conversion method used at OL A to present these data may result in differences not exceeding $\pm 1^{\circ}$F from directly converted values but excludes no Fahrenheit values.

   NOTE: The following symbols are used in the extreme data blocks:

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

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

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
50/ 49											1.2							1	1		
48/ 47										1.2								1	1		
46/ 45									2.4	1.2								3	9		
44/ 43		3.7					1.2	2.4	6.1	1.2								12	12		
42/ 41							1.2	4.9	14.6									17	20	3	2
40/ 39			1.2	1.2	1.2	1.2	3.7	9.8	1.2									16	16		1
38/ 37			1.2	2.4	3.7	3.7	6.1	4.9										18	18		
36/ 35			1.2		3.7		2.4	1.2										7	7	1	
34/ 33			1.2					1.2										2	2	5	
32/ 31	1.2	1.2			1.2													3	3	6	1
30/ 29	1.2		1.2															2	2	13	4
28/ 27																				23	2
26/ 25																				25	2
24/ 23																				5	2
22/ 21																				1	
20/ 19																					2
18/ 15																					6
14/ 13																					1
12/ 11																					4
10/ 9																					2
8/ 7																					2
6/ 5																					1
4/ 3																					2
2/ 1																					2
0/ -1																					7
-4/ -5																					6
-6/ -7																					2
-8/ -9																					5
-10/-11																					2
-12/-13																					4
-14/-15																					1
-16/-17																					4
-22/-23																					3
-24/-25																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-26/-27																					1
-28/-29																					1
-32/-33																					1
-34/-35																					2
-36/-37																					1
-38/-39																					1
-46/-47																					1
-48/-49																					2
TOTAL	2.4	4.9	6.1	3.7	9.8	4.9	14.6	24.4	24.4	3.7	1.2							82	91	82	82

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 53 F	Total
Rel. Hum.	122260	2280	27.8	26.958	82							
Dry Bulb	147185	3643	40.0	3.866	91		5.1					93
Wet Bulb	86515	2315	28.2	3.782	82		82.8					93
Dew Point	37009	-35	-.7	21.365	82	52.2	89.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 78-80 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
46/ 45		1.2							1.2									2	4		
44/ 43		1.2					1.2	1.2	1.2	1.2								5	10	2	1
42/ 41		1.2				1.2	1.2	4.8	10.8									16	18	1	2
40/ 39				2.4		3.6	4.8	9.6	4.8									21	21		
38/ 37			1.2	3.6	2.4	1.2	1.2	12.0										18	18		
36/ 35			2.4		3.6	2.4	2.4	1.2										10	10	1	
34/ 33	1.2	2.4	1.2		1.2	1.2	1.2											7	7	5	1
32/ 31				1.2			1.2											2	2	7	
30/ 29				1.2														1	1	12	2
28/ 27																				17	4
26/ 25		1.2																1	1	27	3
24/ 23																				9	2
22/ 21																				1	
20/ 19																				1	3
18/ 17																					1
16/ 15																					5
14/ 13																					2
12/ 11																					6
10/ 9																					2
8/ 7																					2
6/ 5																					2
4/ 3																					3
2/ 1																					3
0/ -1																					2
-2/ -3																					2
-4/ -5																					1
-6/ -7																					5
-8/ -9																					5
-10/-11																					2
-12/-13																					5
-14/-15																					4
-16/-17																					2
-18/-19																					1
-20/-21																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-22/-23																					2
-24/-25																					2
-28/-29																					2
-30/-31																					1
-42/-43																					1
TOTAL	1.2	7.2	4.8	8.4	7.2	9.6	13.3	28.9	18.1	1.2									92		83
																		83		83	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	133635	2539	30.6	26.125	83							
Dry Bulb	141024	3586	39.0	3.703	92		4.0					93
Wet Bulb	65954	2314	27.9	4.192	83		82.9					93
Dew Point	29258	226	2.7	18.690	83	43.7	88.5					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
48/ 47																			1		
46/ 45																			4		
44/ 43		3.7			1.2				6.1	1.2								10	14	1	
42/ 41						2.4	1.2	1.2	8.5									11	11	2	3
40/ 39		1.2		1.2	2.4	3.7	6.1	8.5	3.7									22	22		
38/ 37	1.2	1.2			2.4	2.4	11.0	4.9										19	19	2	1
36/ 35					2.4	4.9	4.9	1.2										11	11	2	1
34/ 33			1.2		2.4			1.2										4	4	3	1
32/ 31		1.2			1.2													2	2	3	
30/ 29			1.2															1	1	13	
28/ 27																				16	1
26/ 25																				29	2
24/ 23		1.2	1.2															2	2	8	2
22/ 21																				2	1
20/ 19																				1	3
18/ 17																					3
16/ 15																					2
14/ 13																					3
12/ 11																					5
10/ 9																					2
8/ 7																					4
6/ 5																					6
4/ 3																					4
2/ 1																					3
0/ -1																					5
-2/ -3																					3
-4/ -5																					2
-6/ -7																					1
-8/ -9																					5
-10/-11																					1
-12/-13																					1
-14/-15																					4
-16/-17																					3
-18/-19																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-20/-21																					1
-22/-23																					1
-24/-25																					1
-28/-29																					1
-32/-33																					1
-44/-45																					1
-52/-53																					1
TOTAL	1.2	8.5	3.7	1.2	12.2	13.4	23.2	17.1	18.3	1.2									91		82
																		82		82	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	126698	2496	30.4	25.024	82		5.1					93
Dry Bulb	140116	3550	39.0	4.252	91		81.7					93
Wet Bulb	65304	2286	27.9	8.409	82	39.7	86.3					93
Dew Point	28593	251	3.1	18.534	82							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

22001	MAUI OPTICAL SITE HI NORTH TOWER	78-80	JAN
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
54/ 53								1.2										1	1		
52/ 51										1.2	1.2							2	2		
50/ 49						1.2				2.4	1.2							4	4		
48/ 47					1.2				4.8	3.6								8	12		
46/ 45		1.2						3.6	2.4	1.2								7	9	1	1
44/ 43					1.2	1.2	1.2	2.4	4.8									9	9		
42/ 41		2.4				3.6	2.4	4.8	2.4									13	13	1	
40/ 39		2.4		3.6		9.6	2.4	1.2	2.4									18	18	5	
38/ 37		1.2	2.4		2.4	1.2	2.4											8	8	3	4
36/ 35		3.6	3.6	1.2	1.2		1.2											9	9	2	1
34/ 33																				10	
32/ 31																				20	4
30/ 29	2.4		1.2															3	3	19	8
28/ 27	1.2																	1	1	15	2
26/ 25																				7	4
24/ 23																					1
22/ 21																					2
20/ 19																					4
18/ 17																					1
16/ 15																					3
14/ 13																					2
12/ 11																					6
10/ 9																					4
8/ 7																					2
6/ 5																					1
4/ 3																					4
2/ 1																					5
0/ -1																					6
-2/ -3																					3
-4/ -5																					2
-6/ -7																					2
-8/ -9																					3
-10/-11																					5
-14/-15																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) NAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-24/-25																					1
TOTAL	3.6	10.8	7.2	4.8	6.0	16.9	9.6	13.3	16.9	8.4	2.4								89		83
																		83		83	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	189489	3199	38.5	28.412	83							
Dry Bulb	158042	3722	41.8	5.208	89		4.2					93
Wet Bulb	82222	2592	31.2	3.946	83		68.3					93
Dew Point	31536	980	11.8	15.604	83	26.9	86.3					93

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53									1.2	1.2								2	2		
52/ 51							1.2		1.2	3.7	4.9							9	9		
50/ 49						1.2	1.2	1.2	3.7	2.4								8	9		
48/ 47					1.2		1.2		3.7	2.4								7	9		
46/ 45			1.2			1.2	2.4	3.7	8.5	1.2								15	18		
44/ 43					2.4	1.2			1.2									4	4		
42/ 41		3.7			2.4	3.7	2.4	2.4	1.2									13	13	3	1
40/ 39					2.4	4.9												6	6	4	1
38/ 37	1.2	2.4		1.2	2.4	2.4												8	8	5	2
36/ 35			2.4	1.2		1.2												4	4	8	2
34/ 33		1.2																1	1	18	2
32/ 31		1.2																1	1	16	2
30/ 29																				18	2
28/ 27			3.7			1.2												4	4	3	2
26/ 25																				2	3
24/ 23																				2	3
22/ 21																					5
20/ 19																				1	5
18/ 17																					4
16/ 15																					3
14/ 13																					6
12/ 11																					6
10/ 9																					2
8/ 7																					3
6/ 5																					4
4/ 3																					3
2/ 1																					2
0/ -1																					2
-2/ -3																					6
-4/ -5																					3
-6/ -7																					1
-8/ -9																					6
-10/-11																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	78-80	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.2	8.5	7.3	2.4	11.0	17.1	8.5	7.3	20.7	11.0	4.9							82	88	82	82

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	159473	2978	36.3	25.170	82							
Dry Bulb	170869	3841	43.6	6.082	88		5.3					93
Wet Bulb	87466	2658	32.4	4.018	82		49.9					93
Dew Point	29071	1079	13.2	13.551	82	21.5	83.9					93

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53											1.2							1	1		
52/ 51								1.2	2.4	1.2	1.2							5	5		
50/ 49						1.2			1.2	4.7	1.2							7	7		
48/ 47					1.2				2.4	4.7								7	8		
46/ 45				1.2			1.2	3.5	8.2	2.4								14	18		
44/ 43						1.2	2.4	5.9	1.2									9	10		
42/ 41					1.2	3.5	2.4		1.2									7	7		
40/ 39			2.4	1.2	2.4		2.4	4.7										11	11	3	
38/ 37			1.2		1.2	1.2	4.7											7	7	1	
36/ 35		1.2	2.4		1.2													4	4	5	
34/ 33	2.4	1.2		1.2		2.4												6	6	14	2
32/ 31	1.2				2.4	1.2												4	4	21	5
30/ 29		1.2		1.2	1.2													3	3	19	4
28/ 27																				11	
26/ 25																				6	2
24/ 23																				3	2
22/ 21																				2	3
20/ 19																					3
18/ 17																					4
16/ 15																					5
14/ 13																					1
12/ 11																					1
10/ 9																					7
8/ 7																					4
6/ 5																					5
4/ 3																					6
2/ 1																					4
0/ -1																					3
-2/ -3																					5
-4/ -5																					6
-6/ -7																					5
-8/ -9																					3
-10/-11																					3
-12/-13																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-14/-15																					1
TOTAL	3.5	3.5	5.9	4.7	10.6	10.6	12.9	15.3	16.5	12.9	3.5								91		85
																		85		85	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	135364	2730	32.1	23.825	85							
Dry Bulb	164613	3833	42.1	5.929	91		7.2					93
Wet Bulb	80141	2591	30.5	3.718	85		67.8					93
Dew Point	21031	749	8.8	13.107	85	29.5	90.8					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
50/ 49									1.2									1	1		
48/ 47								1.2		1.2								2	3		
46/ 45								1.2	3.6	7.2								10	11		
44/ 43								6.0	7.2	1.2								12	16		
42/ 41							3.6	9.6	6.0									16	16		
40/ 39			2.4		2.4	1.2	3.6	7.2	1.2									15	15		
38/ 37				2.4	1.2	1.2		6.0										9	9		
36/ 35				1.2	1.2		1.2											3	3	2	
34/ 33	2.4	2.4		1.2														5	5	9	3
32/ 31	1.2		2.4	1.2		1.2	1.2											6	6	4	4
30/ 29		1.2	1.2															2	2	19	
28/ 27	1.2	1.2																2	2	29	2
26/ 25																				15	2
24/ 23																				3	1
22/ 21																				2	3
20/ 19																					2
18/ 17																					2
16/ 15																					3
14/ 13																					1
12/ 11																					2
10/ 9																					1
8/ 7																					5
6/ 5																					4
4/ 3																					2
2/ 1																					5
0/ -1																					5
-2/ -3																					3
-4/ -5																					4
-6/ -7																					7
-8/ -9																					4
-10/-11																					6
-12/-13																					4
-14/-15																					5
-16/-17																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-18/-19																					1
TOTAL	4.8	4.8	6.0	6.0	4.8	3.6	9.6	31.3	19.3	9.6									89		83
																		83		83	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	132921	2479	29.9	26.796	83		10.4					93
Dry Bulb	144503	3561	40.0	4.795	89		80.7					93
Wet Bulb	67421	2353	28.3	2.953	83							
Dew Point	19068	318	3.8	14.754	83	45.9	89.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
50/ 49										1.2								1	1		
48/ 47										2.4								2	5		
46/ 45									3.6	2.4								5	5		
44/ 43		1.2		1.2			1.2	1.2	8.3	3.6								14	16		
42/ 41			1.2				1.2	3.6	7.1									11	12	1	
40/ 39			1.2	1.2		2.4	2.4	14.3	3.6									21	21		1
38/ 37				2.4			6.0	1.2										8	8	2	
36/ 35		3.6		1.2		2.4	3.6	2.4										11	11	1	1
34/ 33						2.4	1.2											3	3	4	3
32/ 31	1.2	1.2				1.2												3	3	6	2
30/ 29	1.2		2.4															3	3	13	1
28/ 27		1.2	1.2															2	2	27	1
26/ 25																				20	4
24/ 23																				8	1
22/ 21																				2	2
18/ 17																					2
16/ 15																					1
14/ 13																					1
12/ 11																					2
10/ 9																					2
8/ 7																					1
6/ 5																					3
4/ 3																					5
2/ 1																					6
0/ -1																					3
-2/ -3																					7
-4/ -5																					3
-6/ -7																					3
-8/ -9																					4
-10/-11																					5
-12/-13																					4
-14/-15																					1
-16/-17																					3
-18/-19																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 8/1 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-20/-21																					2
-22/-23																					3
-26/-27																					1
-32/-33																					1
-46/-47																					2
TOTAL	2.4	7.1	6.0	6.0		8.3	15.5	22.6	22.6	9.5									90		84
																		84		84	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	126615	2371	28.2	26.817	84							
Dry Bulb	142898	3562	39.6	4.647	90		8.3					93
Wet Bulb	66177	2339	27.8	3.552	84		84.1					93
Dew Point	27539	55	.7	18.203	84	49.8	87.5					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53								.2	.2	.2	.2							4	4		
52/ 51							.2	.2	.5	.8	.9							16	16		
50/ 49						.5	.2	.2	.8	1.4	.5							22	23		
48/ 47					.5		.2	.2	1.4	2.0								27	39		
46/ 45		.3	.2	.2		.2	.5	1.5	3.8	2.0								56	78	1	1
44/ 43		1.2		.2	.5	.5	.9	2.4	4.5	1.1								75	91	3	1
42/ 41		.9	.2		.5	1.8	2.0	3.9	6.5									104	110	11	8
40/ 39		.5	.9	1.4	1.4	3.3	3.2	6.9	2.1									130	130	12	3
38/ 37	.3	.6	.8	1.5	2.3	1.7	3.9	3.6										95	95	13	7
36/ 35		1.1	1.5	.6	1.7	1.4	2.0	.8										59	59	22	5
34/ 33	.8	.9	.5	.3	.5	.8	.3	.3										28	28	68	12
32/ 31	.6	.6	.3	.3	.6	.5	.3											21	21	85	18
30/ 29	.6	.3	.9	.3	.2													15	15	126	21
28/ 27	.3	.3	.6			.2												9	9	141	14
26/ 25		.2																1	1	131	22
24/ 23		.2	.2															2	2	38	14
22/ 21																				10	16
20/ 19																				3	22
18/ 17																					17
16/ 15																					28
14/ 13																					17
12/ 11																					32
10/ 9																					22
8/ 7																					23
6/ 5																					26
4/ 3																					29
2/ 1																					30
0/ -1																					33
-2/ -3																					29
-4/ -5																					27
-6/ -7																					26
-8/ -9																					35
-10/-11																					25
-12/-13																					19

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

99001	MAUI OPTICAL SITE HI NORTH TOWER	78-80	JAN
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-14/-15																					18
-16/-17																					14
-18/-19																					8
-20/-21																					5
-22/-23																					9
-24/-25																					6
-26/-27																					2
-28/-29																					4
-30/-31																					1
-32/-33																					3
-34/-35																					2
-36/-37																					1
-38/-39																					1
-42/-43																					1
-44/-45																					1
-46/-47																					3
-48/-49																					2
-52/-53																					1
TOTAL	2.6	6.9	5.9	4.7	7.7	10.5	13.4	20.0	19.6	7.2	1.5							664	721	664	664

Element (X)	Σy^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	1126452	21072	31.7	26.275	664							
Dry Bulb	1209250	29298	40.6	5.099	721		49.5					744
Wet Bulb	581200	19448	29.3	4.180	664		598.3					744
Dew Point	223105	3603	5.4	17.522	664	309.3	702.5					744

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00091 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 79-80 (YEARS) | FEB (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
50/ 49										.8								1	1		
48/ 47										1.6								2	2		
46/ 45		2.4							1.6	4.0								10	10		
44/ 43		7.2							3.2	3.2								17	17	5	2
42/ 41		2.4		1.6	1.6		1.6	.8	1.6									12	14	8	9
40/ 39		2.4	1.6	3.2	3.2		2.4	4.8	.8									23	25	3	3
38/ 37	1.6	3.2		.8	1.6	.8	.8	5.6										18	26	8	4
36/ 35	3.2	4.0		3.2	.8	1.6	.8	1.6										19	29	11	8
34/ 33	1.6	1.6	.8		.8		.8											7	15	11	8
32/ 31	1.6	.8	.8	1.6			4.0											11	14	14	5
30/ 29																				17	3
28/ 27	.8				.8	.8												3	3	14	4
26/ 25	.8			.8														2	2	16	6
24/ 23																				10	2
22/ 21																				1	8
20/ 19																				7	3
18/ 17																					2
16/ 15																					3
14/ 13																					2
8/ 7																					4
6/ 5																					2
2/ 1																					2
0/ -1																					3
-2/ -3																					2
-4/ -5																					4
-6/ -7																					2
-8/ -9																					1
-10/-11																					2
-12/-13																					2
-14/-15																					2
-16/-17																					5
-18/-19																					6
-20/-21																					1
-22/-23																					6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 79-80 (YEARS) | FEB (MONTH)

PAGE 2 | 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-26/-27																					2
-28/-29																					1
-32/-33																					1
-36/-37																					2
-40/-41																					3
TOTAL	9.6	24.0	3.2	11.2	8.8	3.2	10.4	12.8	7.2	9.6									158		125
																		125		125	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	462613	6137	49.1	36.068	125							
Dry Bulb	231053	5999	38.0	4.571	158		10.1					84
Wet Bulb	123840	3858	30.9	6.200	125		53.1					84
Dew Point	90104	1452	11.6	24.303	125	30.2	61.2					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-80 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
50/ 49										.5								1	1		
48/ 47									.8	8.2								11	11		
46/ 45		2.5								4.1								8	8	1	
44/ 43		2.5					.8	1.6	1.6	.8								9	9	3	3
42/ 41		2.5		3.3	1.6	.8	.8	1.6	4.9									19	19	3	3
40/ 39	1.6	5.7	.8	1.6	2.5	.8		.8	2.5									20	27	6	3
38/ 37	1.6	3.3	1.6	.8	1.6	.8	.8	4.9										19	31	10	9
36/ 35	4.1	4.9	2.5	.8			.8	1.6										18	26	17	9
34/ 33	.3	1.6	1.6	.8			1.6											8	11	9	7
32/ 31	.8			.8			2.5											5	8	16	5
30/ 29		.8	.8															2	3	22	4
28/ 27		.8																1	1	9	8
26/ 25		.8																1	1	14	4
24/ 23																				7	3
22/ 21																				2	5
20/ 19																				3	2
18/ 17																					2
16/ 15																					1
14/ 13																					4
12/ 11																					1
10/ 9																					2
8/ 7																					2
-2/ -3																					1
-4/ -5																					3
-6/ -7																					5
-8/ -9																					2
-10/-11																					2
-12/-13																					3
-14/-15																					4
-16/-17																					5
-18/-19																					5
-20/-21																					5
-22/-23																					1
-24/-25																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM AS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) HAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-26/-27																					1
-28/-29																					1
-30/-31																					1
-32/-33																					1
-34/-35																					2
-40/-41																					1
TOTAL	9.0	25.4	7.4	8.2	5.7	2.5	7.4	10.7	9.8	13.9								122	156	122	122

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	461719	6023	49.4	36.857	122							
Dry Bulb	237436	6044	38.7	4.593	156		7.0					84
Wet Bulb	124427	3835	31.4	5.660	122		50.3					84
Dew Point	87646	1450	11.9	24.123	122	32.4	60.6					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

30001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	FEB
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
50/ 49										.8								1	1		
48/ 47										5.6								7	7		
46/ 45										5.6								7	7		
44/ 43		1.6							4.0	1.6								9	9	2	
42/ 41	.8	4.0		.8		1.6	.8	2.4	2.4									16	17	3	4
40/ 39		8.1	1.6	2.4	3.2	.8		2.4	1.6									25	33	6	3
38/ 37	3.2	2.4	1.6		.8	.8	1.6	4.0										18	24	13	6
36/ 35	1.6	2.4	1.6		.8		.8	.8										10	16	9	10
34/ 33	3.2	4.8	1.8	2.4	2.4		2.4	.8										22	33	15	10
32/ 31		1.6			.8	1.6	.8											6	6	14	9
30/ 29		.8																1	2	18	5
28/ 27		1.6																2	2	18	3
26/ 25																				11	4
24/ 23																				8	3
22/ 21																				7	3
20/ 19																					5
18/ 17																					1
16/ 15																					3
14/ 13																					2
12/ 11																					2
10/ 9																					1
8/ 7																					1
6/ 5																					1
2/ 1																					3
0/ -1																					2
-4/ -5																					4
-6/ -7																					3
-8/ -9																					4
-10/-11																					5
-12/-13																					2
-14/-15																					3
-16/-17																					3
-18/-19																					2
-20/-21																					5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) FEB (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-22/-23																					2
-24/-25																					3
-26/-29																					2
-34/-35																					2
-36/-37																					1
-38/-39																					2
TOTAL	8.9	27.4	6.5	5.6	8.1	4.8	6.5	10.5	8.1	13.7								124	157	124	124

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	473622	6186	49.9	36.628	124							
Dry Bulb	232499	6001	38.2	4.474	157		5.4					84
Wet Bulb	122459	3840	31.0	5.360	124		51.5					84
Dew Point	86153	1465	11.8	23.658	124	30.5	61.6					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 79-80 (YEARS) | FEB (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55											1.7	.8						3	3		
54/ 53										.8	.8							2	2		
52/ 51										.8	5.1							7	7		
50/ 49									1.7	.8	1.7							5	6		
48/ 47			.8	.8		.8			1.7	3.4								9	9		
46/ 45		4.2	.8		1.7		.8	.8	2.5	.8								14	15	1	
44/ 43		3.4	2.5	.8	.8	.8	1.7		2.5									15	16	7	3
42/ 41		1.7	.8	.8		.8		1.7										7	11	6	5
40/ 39	1.7	6.8	2.5	.8	.8	1.7			.8									18	26	8	5
38/ 37	5.9	5.1	1.7				.8	4.2										21	29	20	15
36/ 35	.8	1.7	2.5		.8		.8	.8										9	16	16	8
34/ 33	3.4			.8														5	11	18	11
32/ 31				1.7														2	3	15	6
30/ 29																				7	5
28/ 27				.8														1	1	9	2
26/ 25																				4	2
24/ 23																				5	1
22/ 21																				2	2
20/ 19																					4
18/ 15																					5
14/ 13																					1
12/ 9																					2
8/ 7																					2
6/ 5																					1
4/ 3																					3
2/ 1																					2
0/ -1																					5
-2/ -3																					2
-4/ -5																					1
-6/ -7																					4
-8/ -9																					5
-10/-11																					4
-12/-13																					2
-16/-17																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
-18/-19																						1
-20/-21																						4
-22/-23																						1
-32/-33																						1
-44/-45																						2
TOTAL	11.9	22.9	11.9	6.8	4.2	4.2	4.2	7.6	9.3	6.8	9.3	.8								155		118
																			118		118	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	486406	6290	53.3	35.939	118							
Dry Bulb	267271	6377	41.1	5.646	155		2.2					84
Wet Bulb	141048	4032	34.2	5.292	118		29.9					84
Dew Point	93067	2085	17.7	21.922	118	23.5	50.5					84

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

G 1875 C

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
58/ 57											.8	.8						2	2		
56/ 55										1.7	3.3	.8						7	7		
54/ 53										.8								1	1		
52/ 51				.8				.9	1.7	.9	.8							6	6		
50/ 49		1.7	.8					.8		3.3								8	8		
48/ 47		.8	1.7			2.5	4.1		2.5	.8								15	15	2	1
46/ 45		5.0	2.5	.8	3.3	.8	.8	1.7	.8	.8								20	20	8	2
44/ 43	.8	5.0	3.3	.8	2.5	.8	2.5		2.5									22	24	10	9
42/ 41		3.3		.8	.8			.8										7	12	4	8
40/ 39	.8	4.1	1.7	.8	1.7	.8	1.7											14	19	16	4
38/ 37	1.7	3.3				.8		4.1										12	21	21	11
36/ 35	.8				.8			.8										3	12	19	8
34/ 33	1.7		.8	.8														4	9	13	6
32/ 31																			1	10	2
30/ 29																				5	
28/ 27																				7	6
26/ 25																				3	5
24/ 23																				3	5
22/ 21																					5
20/ 19																					2
18/ 17																					5
16/ 15																					5
14/ 13																					1
12/ 11																					3
10/ 9																					1
8/ 7																					4
6/ 5																					3
4/ 3																					2
2/ 1																					4
0/ -1																					3
-2/ -3																					4
-4/ -5																					3
-6/ -7																					1
-10/-11																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-80 YEARS | FEB MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-14/-15																					1
-20/-21																					1
-22/-23																					1
-42/-43																					2
-44/-45																					2
TOTAL	5.8	23.1	10.7	5.0	9.1	5.8	9.1	9.1	7.4	8.3	5.0	1.7							157		121
																		121		121	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	455337	6287	52.0	32.746	121							
Dry Bulb	295164	6746	43.0	5.329	157		.5					84
Wet Bulb	162654	4386	36.2	5.531	121		19.4					84
Dew Point	104432	2558	21.1	20.485	121	13.2	50.0					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57												.8						1	1		
56/ 55											1.7	1.7						4	4		
54/ 53										.8	3.3							5	5		
52/ 51							.8				.8							2	2		
50/ 49						.8		.8		1.7								4	4		
48/ 47		2.5					1.7	2.5	1.7	.8								11	11		
46/ 45		5.0	1.7			2.5		.8	4.2	1.7								19	19	3	
44/ 43		7.5	2.5	.8	.8	5.0		.8	1.7									23	24	12	6
42/ 41		7.5	.8	2.5	.8	2.5			.8									18	22	7	12
40/ 39	1.7	4.2	1.7			.8			2.5									13	19	19	12
38/ 37	1.7	1.7	2.5			.8	1.7	1.7										12	19	10	7
36/ 35	.8	.8	2.5					.8										6	15	20	5
34/ 33																			8	17	7
32/ 31		.8					.8											2	3	11	3
30/ 29																				6	4
28/ 27																				5	3
26/ 25																				6	5
24/ 23																				3	3
22/ 21																					4
20/ 19																				1	3
18/ 17																					4
16/ 15																					2
14/ 13																					2
12/ 11																					1
8/ 7																					1
6/ 5																					1
4/ 3																					4
2/ 1																					5
0/ -1																					2
-2/ -3																					1
-4/ -5																					5
-6/ -7																					2
-8/ -9																					3
-10/-11																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-12/-13																					2
-14/-15																					1
-18/-19																					1
-20/-21																					1
-22/-23																					1
-30/-31																					1
-32/-33																					1
-36/-37																					2
-38/-39																					2
TOTAL	4.2	30.0	11.7	3.3	1.7	12.5	5.0	7.5	10.8	5.0	5.8	2.5							156		120
																		123		120	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	480143	6351	52.9	34.788	120							
Dry Bulb	280456	6560	42.1	5.447	156		1.6					84
Wet Bulb	154547	4255	35.5	5.555	120		22.4					84
Dew Point	104168	2342	19.5	22.164	120	18.2	49.7					84

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
52/ 51											.8							1	1		
50/ 49										.8	1.7							3	3		
48/ 47										.8								1	1		
46/ 45		.8							.8									2	2		
44/ 43	.8	5.0					1.7	2.5	3.4									16	16	4	3
42/ 41	.8	10.9		1.7	1.7		2.5	3.4	5.0									31	33	7	7
40/ 39	3.4	3.4	4.2	2.5	.8	1.7	.8	3.4	1.7									26	30	18	12
38/ 37	.8	2.5	1.7	.8	2.5		.8	1.7										13	21	4	8
36/ 35	3.4	1.7	2.5			.8	1.7	2.5										15	22	17	5
34/ 33		3.4			.8	.8	.8	.8										8	16	10	5
32/ 31			.8			.8												2	8	9	7
30/ 29		.8																1	2	17	4
28/ 27																			1	9	7
26/ 25																			1	13	3
24/ 23																				8	2
22/ 21																				3	1
20/ 19																					1
18/ 17																					2
16/ 15																					3
14/ 13																					2
12/ 11																					4
8/ 7																					3
6/ 5																					3
4/ 3																					1
2/ 1																					1
0/ -1																					5
-2/ -3																					3
-4/ -5																					2
-6/ -7																					2
-8/ -9																					2
-10/-11																					1
-12/-13																					3
-14/-15																					1
-16/-17																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JU. 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-15/-19																					1
-20/-21																					3
-24/-25																					1
-26/-27																					1
-28/-29																					1
-32/-33																					1
-36/-37																					1
-40/-41																					1
-42/-43																					2
TOTAL	9.2	28.6	9.2	5.0	5.9	4.2	8.4	14.3	10.9	1.7	2.5								157		119
																		119		119	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	496780	6400	53.8	35.959	119							
Dry Bulb	237754	6074	38.7	4.209	157		6.4					84
Wet Bulb	130859	3881	32.6	6.027	119		41.6					84
Dew Point	96087	1919	16.1	23.496	119	24.7	55.8					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
50/ 49										.8	.8							2	2		
48/ 47										.8								1	1		
46/ 45		.8							1.7	1.7								5	5		
44/ 43		6.7				.8		.8	3.3	1.7								16	17	3	
42/ 41	.8	7.5		1.7		2.5	.8	.8	5.8									24	25	10	7
40/ 39	.8	4.2	2.5	3.3	4.2	1.7	.8	2.5	.8									25	26	9	12
38/ 37	1.7	2.5	.8			.8	.8	8.3										18	25	6	6
36/ 35	.8		1.7	4.2	.8	.8		.8										11	25	9	4
34/ 33	.8	3.3	1.7	.8		.8		.8										10	18	14	2
32/ 31			.8			.8												2	7	9	8
30/ 29		2.5	.8															4	5	20	3
28/ 27		.8	.8															2	3	11	5
26/ 25																			1	17	5
24/ 23																				10	5
22/ 21																				2	8
20/ 19																					3
18/ 17																					4
16/ 15																					1
12/ 11																					2
10/ 9																					2
5/ 7																					1
3/ 5																					2
1/ 3																					1
0/ -1																					1
-2/ -3																					3
-4/ -5																					2
-6/ -7																					2
-8/ -9																					1
-10/-11																					3
-12/-13																					1
-14/-15																					2
-16/-17																					3
-18/-19																					3
-20/-21																					6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-22/-23																					1
-24/-25																					1
-28/-29																					2
-30/-31																					1
-32/-33																					2
-40/-41																					4
-42/-43																					1
TOTAL	5.0	28.3	9.2	10.0	5.0	8.3	2.5	14.2	11.7	5.0	.8								160		120
																		120		120	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	456731	6103	50.9	35.307	120							
Dry Bulb	235239	6095	38.1	4.385	160		8.4					84
Wet Bulb	124276	3798	31.7	5.848	120		48.3					84
Dew Point	93819	1571	13.1	24.811	120	27.3	62.3					84

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

USAFETAC 1879

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	FEB	PAGE 1	ALL
STATION	STATION NAME	YEARS	MONTH		HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57											.1	.2						3	3		
56/ 55										.2	.8	.4						14	14		
54/ 53										.3	.5							8	8		
52/ 51				.1			.1	.1	.2	.2	.9							16	16		
50/ 49		.2	.1			.1		.2	.2	1.2	.5							25	26		
48/ 47		.4	.3	.1		.4	.7	.3	.8	2.8								57	57	2	1
46/ 45		2.6	.6	.1	.6	.4	.2	.4	1.4	2.4								85	86	13	2
44/ 43	.2	4.9	1.0	.3	.5	.9	.8	.7	2.8	.9								127	132	46	26
42/ 41	.3	5.0	.2	1.7	.8	1.0	.8	1.4	2.6									134	153	48	55
40/ 39	1.2	4.9	2.1	1.9	2.1	1.0	.7	1.8	1.3									164	205	85	54
38/ 37	2.3	3.0	1.2	.3	.8	.6	.9	4.3										131	196	92	66
36/ 35	2.0	2.0	1.7	1.0	.5	.4	.6	1.2										91	161	118	57
34/ 33	1.4	1.9	.8	.7	.3	.2	.7	.3										64	121	107	56
32/ 31	.3	.4	.3	.5	.1	.4	1.0											30	50	98	45
30/ 29		.5	.2															8	12	112	28
28/ 27	.1	.4	.1	.1	.1	.1												9	11	82	38
26/ 25	.1	.1		.1														3	5	84	34
24/ 23																				54	24
22/ 21																				17	36
20/ 19																				11	23
18/ 17																					20
16/ 15																					23
14/ 13																					14
12/ 11																					13
10/ 9																					6
8/ 7																					16
6/ 5																					13
4/ 3																					11
2/ 1																					19
0/ -1																					23
-2/ -3																					16
-4/ -5																					24
-6/ -7																					21
-8/ -9																					18

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AA 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) FEB (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-10/-11																					19
-12/-13																					15
-14/-15																					14
-16/-17																					21
-18/-19																					19
-20/-21																					26
-22/-23																					13
-24/-25																					7
-26/-27																					4
-28/-29																					7
-30/-31																					3
-32/-33																					7
-34/-35																					4
-36/-37																					6
-38/-39																					4
-40/-41																					9
-42/-43																					5
-44/-45																					4
TOTAL	7.9	26.2	8.7	6.9	6.1	5.7	6.7	10.8	9.4	8.0	2.9	.6						969	1256	969	969

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3775351	49777	51.4	35.477	969							
Dry Bulb	2016873	49896	39.7	5.258	1256		41.7					672
Wet Bulb	1084101	31885	32.9	6.006	969		317.6					672
Dew Point	755478	14842	15.3	23.358	969	200.4	452.2					672

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-80 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
50/ 49										1.5								2	2		
48/ 47							.7			.7								2	2		
46/ 45							2.9	3.6	.7	.7								11	11		
44/ 43				.7			.7	3.6	7.3	.7								18	18		
42/ 41		1.5		2.2	.7	4.4	1.5	6.6	5.8									31	31	1	1
40/ 39		4.4	.7		.7	3.6	5.1	9.5	5.8									41	41	3	2
38/ 37	1.5	2.2		1.5	.7	2.9	.7	2.2										16	16	11	3
36/ 35	.7	1.5	1.5	1.5	.7	.7												9	9	7	5
34/ 33		1.5				.7	1.5											5	5	11	4
32/ 31							.7											1	1	19	4
30/ 29																				21	3
28/ 27																				33	2
26/ 25																				23	3
24/ 23	.7																	1	1	5	3
22/ 21																				2	1
20/ 19																				1	4
18/ 17																					6
16/ 15																					4
14/ 13																					6
12/ 11																					5
10/ 9																					4
8/ 7																					9
6/ 5																					5
4/ 3																					3
2/ 1																					6
0/ -1																					7
-2/ -3																					5
-4/ -5																					6
-6/ -7																					5
-8/ -9																					2
-10/-11																					3
-14/-15																					3
-16/-17																					5
-18/-19																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-80 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-22/-23																					1
-24/-25																					2
-28/-29																					2
-34/-35																					2
-36/-37																					4
-42/-43																					2
-46/-47																					1
-48/-49																					2
TOTAL	2.9	10.9	2.2	5.8	2.9	12.4	13.9	25.5	19.7	3.6								137	137	137	137

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	258004	4500	32.8	28.465	137							
Dry Bulb	226271	5547	40.5	3.513	137		1.4					93
Wet Bulb	124359	4087	29.8	4.231	137		70.6					93
Dew Point	54162	682	5.0	21.138	137	36.7	82.8					93

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

1981

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 79-80 (YEARS) | MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
50/ 49									.7	1.5								3	3		
48/ 47								1.5	2.9									6	6		
46/ 45							1.5	1.5	4.4	.7								11	11		
44/ 43		.7			1.5	.7	2.9	2.9	11.8									28	28		
42/ 41		3.7			4.4	1.5	5.1	8.1	6.6									40	40	3	1
40/ 39	.7	2.9	.7	.7		1.5	3.7	5.9	2.2									25	25	8	7
38/ 37	.7			.7	1.5	.7	2.9	.7										10	10	1	4
36/ 35	2.2	1.5				2.2	1.5											10	10	10	3
34/ 33		.7				.7												2	2	14	1
32/ 31																				15	1
30/ 29																				21	1
28/ 27																				46	5
26/ 25																				15	2
24/ 23																				2	3
22/ 21		.7																1	1		2
20/ 19																				1	2
18/ 17																					2
16/ 15																					3
14/ 13																					8
12/ 11																					7
10/ 9																					5
8/ 7																					5
6/ 5																					5
4/ 3																					7
2/ 1																					8
0/ -1																					9
-2/ -3																					5
-4/ -5																					9
-6/ -7																					5
-8/ -9																					6
-10/-11																					3
-12/-13																					2
-14/-15																					2
-16/-17																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-24/-25																					1
-26/-27																					3
-28/-29																					1
-30/-31																					1
-36/-37																					1
-38/-39																					1
-42/-43																					1
-46/-47																					3
TOTAL	3.7	10.3	.7	1.5	7.4	7.4	17.6	20.6	28.7	2.2								136	136	136	136

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	245912	4336	31.9	28.241	136							
Dry Bulb	234002	5620	41.3	3.615	136		.7					93
Wet Bulb	126587	4109	30.2	4.252	135		68.4					93
Dew Point	55857	781	5.7	19.507	136	36.9	82.1					93

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

1682

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-80 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
48/ 47								1.5	1.5	3.0								6	8		
46/ 45					.8		3.0	5.3	5.3	1.5								21	21		
44/ 43		1.5				.8	.8	4.5	8.3									21	21	1	
42/ 41		.8	.8		2.3	1.5	2.3	9.8	6.1									31	31	2	7
40/ 39	.8	6.1				2.3	4.5	4.5	.8									25	25	4	
38/ 37	2.3	2.3		.8	2.3	1.5	1.5	2.3										17	17	10	6
36/ 35	.8			.8			.8											3	4	4	8
34/ 33				.8			.8	.8										3	3	14	3
32/ 31						.8												1	1	15	
30/ 29					.8	.8												2	2	26	
28/ 27																				38	
26/ 25																				11	3
24/ 23																				2	1
22/ 21																				4	4
20/ 19																				1	3
18/ 17																					3
16/ 15																					2
14/ 13																					5
12/ 11																					9
10/ 9																					6
8/ 7																					3
6/ 5																					3
4/ 3																					9
2/ 1																					8
0/ -1																					5
-2/ -3																					12
-4/ -5																					5
-6/ -7																					3
-8/ -9																					4
-10/-11																					3
-12/-13																					2
-14/-15																					3
-18/-19																					1
-20/-21																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 74 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-80 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-26/-27																					1
-28/-29																					1
-30/-31																					2
-32/-33																					2
-34/-35																					3
-36/-37																					2
-38/-39																					1
-40/-41																					1
-42/-43																					1
-50/-51																					132
TOTAL	3.8	10.6	.8	2.3	6.1	7.6	13.6	28.8	22.0	4.5								132	133	132	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	230062	4108	31.1	27.933	132							
Dry Bulb	229485	5503	41.4	3.686	133		2.1					93
Wet Bulb	123566	3996	30.3	4.452	132		68.3					93
Dew Point	58064	634	4.8	20.494	132	37.3	78.9					93

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

USAFETAC 1983

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53								.8										1	1		
52/ 51								.8	1.6	.8								4	4		
50/ 49							3.1	3.1	7.0	3.1								21	21		
48/ 47						.8	2.3	2.3	6.2	10.1								28	28		
46/ 45		1.6	.8			.8	3.9	4.7	6.2	2.3								26	26		
44/ 43		2.3	3.1			.8	1.6	3.9	1.6									17	17	3	1
42/ 41		5.4	.8	.8		3.1	3.1	1.6										19	19	6	2
40/ 39	.8	.8				.8	2.3											6	6	13	5
38/ 37		.8																1	1	7	10
36/ 35	.8	1.6						.8										4	4	17	3
34/ 33			.8															1	1	22	3
32/ 31		.8																1	1	25	
30/ 29																				30	1
28/ 27																				5	1
26/ 25																					3
24/ 23																					4
22/ 21																				1	5
20/ 19																					3
18/ 17																					5
16/ 15																					8
14/ 13																					6
12/ 11																					9
10/ 9																					7
8/ 7																					6
6/ 5																					7
4/ 3																					4
2/ 1																					9
0/ -1																					5
-2/ -3																					6
-4/ -5																					1
-6/ -7																					1
-8/ -9																					3
-10/-11																					4
-16/-17																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

09001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	MAR
STATION	STATION NAME	YEARS	MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-72/-23																					2
-26/-27																					1
-28/-29																					2
-38/-39																					1
TOTAL	1.6	13.2	5.4	.8		6.2	16.3	17.8	22.5	16.3								129	129	129	129

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	256101	4489	34.8	27.936	129							
Dry Bulb	264820	5922	45.1	4.014	129		.7					93
Wet Bulb	147297	4327	33.5	4.106	129		44.0					93
Dew Point	56808	1508	12.5	16.947	129	19.5	75.7					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	MAR
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55											.8							1	1		
54/ 53							.8	2.4	2.4	.8	.8							9	9		
52/ 51						.8	6.3	5.6	1.6	1.6	2.4							23	23		
50/ 49					1.6	.8	4.0	3.2	2.4	6.3	1.6							25	25		
48/ 47					2.4	.8	.8	.8	4.8	4.0								17	17		
46/ 45		3.2	.8		2.4	2.4	2.4	1.6	2.4	1.6								21	21		
44/ 43		3.2		1.6	.8	2.4	3.2		.8	.8								16	16	7	
42/ 41		4.0	1.6	.8	.8													9	10	15	9
40/ 39	.8			.8														2	2	19	2
38/ 37		1.6																2	2	19	3
36/ 35		.8																1	1	16	5
34/ 33																				23	3
32/ 31																				19	6
30/ 29																				7	6
28/ 27																				1	9
26/ 25																					8
24/ 23																					5
22/ 21																					6
20/ 19																					6
18/ 17																					6
16/ 15																					5
14/ 13																					2
12/ 11																					2
10/ 9																					3
8/ 7																					4
6/ 5																					2
4/ 3																					1
2/ 1																					1
0/ -1																					2
-2/ -3																					7
-4/ -5																					3
-6/ -7																					2
-8/ -9																					1
-10/-11																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) MAR (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-12/-13																					3
-18/-19																					1
-20/-21																					1
TOTAL	.8	12.7	2.4	3.2	7.9	7.1	17.5	13.5	14.3	15.1	5.6								127		126
																		126		126	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	263967	4775	37.9	25.770	126							
Dry Bulb	289243	6039	47.6	4.064	127							93
Wet Bulb	136515	4553	36.1	3.993	126		19.9					93
Dew Point	70041	2241	17.8	15.539	126	16.2	76.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) MAR (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53						.8	.8	1.5		.8	.8							5	6		
52/ 51						.8	1.5	3.1	4.6	1.5								15	15		
50/ 49					2.3	1.5	3.8	2.3	6.1	1.5								23	23		
48/ 47				.8	1.5	1.5	1.5	.8	3.8	4.6								19	19		
46/ 45			3.1	.8		.8	2.3	.8	5.3	2.3								20	20		
44/ 43		4.6	.8		1.5	3.8	3.8	1.5	3.8									26	26	4	
42/ 41		3.8	1.5	.8			.8	.8	.8									11	11	16	6
40/ 39		2.3		.8	1.5													6	7	18	5
38/ 37			.8		.8													2	2	10	7
36/ 35	1.5		.8															3	3	23	4
34/ 33																				22	6
32/ 31																				14	3
30/ 29																				16	6
28/ 27																				7	3
26/ 25																				1	9
24/ 23																					6
22/ 21																					4
20/ 19																					8
18/ 17																					6
16/ 15																					3
14/ 13																					2
12/ 11																					6
10/ 9																					10
8/ 7																					4
6/ 5																					4
4/ 3																					5
2/ 1																					1
0/ -1																					2
-2/ -3																					2
-4/ -5																					3
-6/ -7																					6
-8/ -9																					1
-10/-11																					2
-12/-13																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-16/-17																					2
-18/-19																					1
-26/-27																					1
TOTAL	1.5	10.7	6.9	3.1	7.6	9.2	14.5	10.7	24.4	10.7	.8								132		131
																		131		131	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	291911	5099	38.9	26.810	131							
Dry Bulb	283420	6092	46.	4.158	132							93
Wet Bulb	165119	4615	35.2	4.414	131		27.0					93
Dew Point	72293	2237	17.1	16.194	131	16.3	73.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	MAR
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
52/ 51									.7									1	1		
50/ 49						.7	.7		2.2	.7								6	6		
48/ 47					.7	.7	.7	5.2	4.4	1.5								18	18		
46/ 45					.7	1.5		2.2	3.0	1.5								12	12		
44/ 43			.7		1.5	1.5	.7	3.7	6.7	3.0								24	24		
42/ 41		5.2		.7	.7	1.5	2.2	3.7	7.4									29	29	2	1
40/ 39	.7	3.0				3.7	1.5	3.0	3.0									20	20	12	5
38/ 37	.7	3.0	.7			2.2	.7	3.0										14	14	9	6
36/ 35		3.0	.7			1.5												7	7	11	2
34/ 33	.7	.7																2	2	22	8
32/ 31		.7		.7														2	2	11	1
30/ 29																				25	5
28/ 27																				21	6
26/ 25																				18	
24/ 23																				4	1
22/ 21																					6
20/ 19																					2
18/ 17																					3
16/ 15																					5
14/ 13																					4
12/ 11																					9
10/ 9																					5
8/ 7																					2
6/ 5																					11
4/ 3																					6
2/ 1																					6
0/ -1																					2
-2/ -3																					2
-4/ -5																					2
-6/ -7																					3
-8/ -9																					5
-10/-11																					1
-12/-13																					5
-14/-15																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-16/-17																					1
-18/-19																					2
-20/-21																					2
-22/-23																					1
-26/-27																					3
-28/-29																					4
-30/-31																					1
-34/-35																					2
-36/-37																					2
TOTAL	2.2	15.6	2.2	1.5	3.7	13.3	6.7	20.7	27.4	6.7								135	135		135
																		135		135	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	283123	4711	34.9	29.766	135							
Dry Bulb	243328	5702	42.2	4.045	135		1.4					93
Wet Bulb	135654	4234	31.4	4.622	135		54.4					93
Dew Point	64039	1111	8.2	20.240	135	28.2	77.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	MAR
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
51/ 49										1.5								2	2		
48/ 47						.8		3.0	6.0									13	13		
46/ 45					.8	1.5		2.3	3.0	2.3								13	13		
44/ 43					.8	.8			4.5	.8								9	9		
42/ 41		4.5			1.5	.8	2.3	6.8	6.8									30	30	1	
40/ 39		1.5	.8	.8	2.3	3.0	3.8	6.8	6.8									33	33	7	7
38/ 37	.8	1.5	2.3		1.5	3.0	2.3	3.0										19	20	4	2
36/ 35	.8	2.3	1.5				.8	1.5										9	9	12	2
34/ 33					.8													1	2	11	5
32/ 31		2.3																3	3	21	1
30/ 29		.8																1	1	15	5
28/ 27																				32	3
26/ 25																				27	3
24/ 23																				2	3
22/ 21																				1	3
20/ 19																					4
18/ 17																					2
16/ 15																					6
14/ 13																					5
12/ 11																					4
10/ 9																					4
8/ 7																					3
6/ 5																					5
4/ 3																					10
2/ 1																					4
0/ -1																					8
-2/ -3																					3
-4/ -5																					2
-6/ -7																					1
-8/ -9																					6
-10/-11																					1
-14/-15																					6
-16/-17																					2
-18/-19																					6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) MAR (MONTH)

PAGE 2 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-20/-21																					2
-22/-23																					2
-24/-25																					1
-28/-29																					1
-30/-31																					2
-32/-33																					1
-34/-35																					1
-36/-37																					1
-38/-39																					1
-40/-41																					1
-42/-43																					2
-44/-45																					2
TOTAL	1.5	12.8	4.5	.8	7.5	9.8	9.0	22.6	27.1	4.5								133	135	133	133

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	259975	4381	32.9	29.602	133							
Dry Bulb	227380	5516	40.9	3.864	135		2.8					93
Wet Bulb	123132	4006	30.1	4.326	133		68.5					93
Dew Point	54552	546	4.9	21.570	133	36.4	81.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 79-80 (YEARS) | MAR (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55											.1							1	1		
54/ 53						.1	.2	.6	.3	.2	.2							16	16		
52/ 51						.2	.9	1.1	1.0	.5	.3							43	43		
50/ 49					.5	.4	1.4	1.0	2.3	2.0	.2							82	82		
48/ 47				.1	.5	.6	.8	1.9	3.7	2.9								111	111		
46/ 45		.6	.6	.1	.6	.8	2.0	2.7	3.8	1.6								135	135		
44/ 43		1.5	.6	.3	.8	1.3	1.7	2.9	5.7	.7								159	159	15	1
42/ 41		3.6	.6	.7	1.3	1.6	2.2	4.7	4.2									200	201	46	23
40/ 39	.5	2.6	.3	.4	.6	1.9	2.6	3.7	2.4									158	159	94	33
38/ 37	.8	1.4	.5	.4	.9	1.3	1.0	1.4										81	82	71	41
36/ 35	.8	1.3	.6	.3	.1	.6	.4	.3										46	47	100	32
34/ 33	.1	.4	.1	.1	.1	.2	.3	.1										14	15	139	33
32/ 31		.5		.1		.1	.1											8	8	139	16
30/ 29		.1			.1	.1												3	3	161	27
28/ 27																				183	29
26/ 25																				95	31
24/ 23	.1																	1	1	15	26
22/ 21		.1																1	1	8	31
20/ 19																				3	32
18/ 17																					35
16/ 15																					36
14/ 13																					38
12/ 11																					51
10/ 9																					44
8/ 7																					36
6/ 5																					42
4/ 3																					51
2/ 1																					45
0/ -1																					40
-2/ -3																					42
-4/ -5																					31
-6/ -7																					26
-8/ -9																					28
-10/-11																					19

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	MAR
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-12/-13																					15
-14/-15																					17
-16/-17																					12
-18/-19																					13
-20/-21																					6
-22/-23																					6
-24/-25																					4
-26/-27																					9
-28/-29																					11
-30/-31																					6
-32/-33																					3
-34/-35																					5
-36/-37																					11
-38/-39																					5
-40/-41																					2
-42/-43																					6
-44/-45																					2
-46/-47																					4
-48/-49																					2
-50/-51																					1
TOTAL	2.3	12.1	3.1	2.4	5.4	9.2	13.6	20.1	23.3	7.9	.8							1059	1064	1059	1059

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2089055	36399	34.4	28.143	1059							
Dry Bulb	1997649	45841	43.1	4.615	1064		9.1					744
Wet Bulb	1112225	33927	32.0	4.991	1059		424.3					744
Dew Point	505814	9940	9.4	19.748	1059	229.0	629.5					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79	APR
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
52/ 51											1.1							1	1		
50/ 49											2.3							2	2		
48/ 47						2.3			3.4	5.7								10	10		
46/ 45						1.1			4.5	5.7								10	10		
44/ 43			3.4	1.1	1.1	3.4		1.1	4.5	1.1								14	14		
42/ 41		1.1	2.3		1.1			3.4	2.3									9	9	2	
40/ 39	4.5	6.9	2.3					1.1	1.1									14	14	11	
38/ 37			2.3	2.3	2.3			3.4										9	9	7	9
36/ 35		2.3	1.1	4.5				1.1										8	8	5	2
34/ 33				1.1			2.3											3	3	8	4
32/ 31		1.1	2.3															3	3	12	3
30/ 29			1.1			1.1												2	2	19	3
28/ 27	1.1																	1	1	10	1
26/ 25																				6	5
24/ 23				1.1														1	1	4	5
22/ 21				1.1														1	1	1	4
20/ 19																				1	4
18/ 17																				1	3
16/ 15																				1	
6/ 5																					1
4/ 3																					2
2/ 1																					3
0/ -1																					5
-2/ -3																					4
-4/ -5																					3
-6/ -7																					3
-8/ -9																					2
-10/-11																					2
-12/-13																					2
-14/-15																					1
-16/-17																					3
-18/-19																					4
-20/-21																					2
-24/-25																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | APR MONTH

PAGE 2 | 0000-0200 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-28/-29																					1
-34/-35																					1
-36/-37																					1
TOTAL	5.7	11.4	14.8	11.4	4.5	8.0	2.3	10.2	15.9	12.9	3.4							88	88		88
																		88		88	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	250358	3722	42.3	32.683	88							
Dry Bulb	148101	3575	40.6	5.740	88		8.2					90
Wet Bulb	88644	2752	31.3	5.447	88		56.3					90
Dew Point	50000	922	10.5	21.533	88	36.8	71.6					90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
48/ 47							1.1		3.3	10.0								13	13		
46/ 45						2.2		1.1	1.1	7.8								11	11		
44/ 43		2.2			3.3		2.2	3.3	2.2									12	12	1	
42/ 41	1.1	7.8			1.1	1.1	2.2		1.1									13	13	3	4
40/ 39	8.9	5.6			2.2	3.3	1.1	1.1	2.2									22	22	19	11
38/ 37		2.2	1.1		2.2		2.2	3.3										10	10	3	8
36/ 35	1.1	1.1	2.2															4	4	6	1
34/ 33				1.1			1.1											2	2	4	2
32/ 31		1.1																1	1	13	1
30/ 29																				22	1
28/ 27		1.1																1	1	9	3
26/ 25																				4	5
24/ 23					1.1													1	1	4	2
22/ 21																				1	2
20/ 19																					1
18/ 17																				1	3
16/ 15																					2
14/ 13																					3
12/ 11																					2
10/ 9																					1
8/ 7																					2
6/ 5																					4
4/ 3																					3
2/ 1																					2
0/ -1																					1
-2/ -3																					1
-6/ -7																					2
-10/-11																					1
-12/-13																					2
-14/-15																					1
-16/-17																					5
-18/-19																					3
-20/-21																					2
-22/-23																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79	APR
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-24/-25																					2
-26/-27																					1
-28/-29																					1
-36/-39																					1
TOTAL	11.1	21.1	3.3	1.1	10.0	6.7	10.0	8.9	10.0	17.8								90	90	90	90

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	312272	4172	46.4	36.547	90							
Dry Bulb	155581	3720	41.3	4.522	90		3.0					90
Wet Bulb	97534	2922	32.5	5.474	90		54.0					90
Dew Point	61713	1125	12.5	23.139	90	27.0	64.0					90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00031	MAUI OPTICAL SITE HI NORTH TOWER	79	APR
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55												2.3						2	2		
52/ 51											4.5							4	4		
50/ 49										1.1	4.5							5	5		
48/ 47						1.1		4.5	2.3	5.7								12	12		
46/ 45						1.1	1.1		1.1	1.1								4	4		
44/ 43		2.3	2.3	1.1	1.1	1.1	1.1		2.3									10	10		
42/ 41		5.7	1.1	2.3	1.1	2.3	4.5	3.4	3.4									21	21	6	4
40/ 39	2.3	3.4		1.1		3.4	1.1		2.3									12	12	8	3
38/ 37		2.3	1.1	1.1	2.3	2.3		1.1										9	9	5	5
36/ 35		2.3	1.1	2.3														5	5	7	5
34/ 33					1.1													1	1	13	2
32/ 31				1.1														1	1	15	1
30/ 29																				20	2
28/ 27				1.1														1	1	4	2
26/ 25				1.1														1	1	6	3
24/ 23																				2	4
22/ 21																				1	2
20/ 19																				1	2
18/ 17																					1
16/ 15																					5
14/ 13																					5
12/ 11																					4
10/ 9																					3
8/ 7																					3
6/ 5																					3
4/ 3																					3
2/ 1																					2
-0/ -3																					1
-4/ -5																					1
-6/ -7																					1
-8/ -9																					2
-14/-15																					1
-18/-19																					2
-20/-21																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | APR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-22/-23																					2
-24/-25																					4
-26/-27																					5
-28/-29																					1
-32/-33																					1
TOTAL	2.3	15.9	5.7	11.4	5.7	11.4	8.0	9.1	11.4	8.0	9.1	2.3						88		88	88

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	232500	3566	40.5	31.803	88							
Dry Bulb	161185	3737	42.5	5.350	88		3.1					90
Wet Bulb	94371	2851	32.4	4.801	88		50.1					90
Dew Point	52374	934	10.6	22.092	88	24.5	70.6					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) APR (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57												2.3						2	2		
54/ 53									2.3		1.2	3.5						6	6		
52/ 51								1.2	1.2		5.8							7	7		
50/ 49						2.3	2.3	7.0	3.5	1.2	1.2							15	15		
48/ 47				1.2	1.2	2.3	2.3	1.2		1.2								8	8		
46/ 45	1.2	1.2				1.2	2.3			1.2								6	6	1	1
44/ 43		2.3	2.3		2.3		2.3	1.2	3.5									12	12	1	1
42/ 41		4.7	1.2			2.3			1.2									5	8	6	1
40/ 39		4.7	7.0				1.2											11	11	8	4
38/ 37		1.2			1.2	2.3												4	4	20	5
36/ 35			1.2			2.3												3	3	14	4
34/ 33					1.2		1.2											2	2	8	4
32/ 31					1.2													1	1	12	4
30/ 29					1.2													1	1	4	3
28/ 27																				6	2
26/ 25																				3	3
24/ 23																				1	2
22/ 21																				2	
20/ 19																					7
18/ 17																					5
16/ 15																					7
14/ 13																					2
12/ 11																					5
10/ 9																					1
8/ 7																					1
6/ 5																					3
2/ 1																					1
0/ -1																					1
-4/ -5																					1
-6/ -7																					3
-8/ -9																					2
-14/-15																					3
-16/-17																					1
-18/-19																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-20/-21																					4
-22/-23																					1
-24/-25																					1
-26/-27																					1
-28/-29																					1
TOTAL	1.2	14.0	11.6	1.2	8.1	12.8	11.6	10.5	11.6	3.5	8.1	5.8							86		86
																		86		86	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	221291	3555	41.3	29.573	86							
Dry Bulb	177439	3873	45.0	5.960	86		2.1					90
Wet Bulb	105166	2978	34.6	4.904	86		29.3					90
Dew Point	53006	1306	15.2	19.755	86	20.9	69.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03001 — STATION
MAUI OPTICAL SITE HI NORTH TOWER — STATION NAME
79 — YEARS
APR — MONTH

1200-1400 — HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
59/ 57									2.4		1.2		1.2					4	4		
56/ 55									2.4		1.2	1.2						4	4		
54/ 53							1.2		3.6		1.2	2.4						7	7		
52/ 51							1.2	3.6	1.2	1.2								6	6		
50/ 49					1.2		3.6	1.2		1.2								5	5		
48/ 47							4.8		1.2									5	5		
46/ 45			1.2		2.4	3.6	3.6	2.4	2.4									13	13		
44/ 43		6.0		1.2	1.2	1.2		1.2	3.6									12	12	1	
42/ 41		8.3			1.2	2.4		3.6										13	13	12	5
40/ 39		2.4		1.2	1.2	1.2		3.6										8	8	12	7
38/ 37	1.2	1.2			1.2	1.2												4	4	18	2
36/ 35					1.2													1	1	10	2
34/ 33																				10	3
32/ 31				1.2														1	1	5	2
30/ 29																				5	2
28/ 27																				9	2
26/ 25																				2	1
24/ 23																					7
22/ 21																					6
20/ 19																					8
18/ 17																					4
16/ 15																					5
12/ 11																					2
10/ 9																					1
8/ 7																					3
4/ 3																					3
2/ 1																					4
0/ -1																					1
-2/ -3																					2
-4/ -5																					5
-8/ -9																					1
-12/-13																					1
-22/-24																					1
-22/-23																					2

Element (X)	Σx²	Σx	X̄	σx	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 75 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 84 — REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.2	17.9	1.2	3.6	9.5	9.5	14.3	15.5	16.7	2.4	3.6	3.6	1.2					84	84	84	84

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	214223	3516	41.9	28.423	84							
Dry Bulb	180915	3361	46.7	5.906	81		1.1					90
Wet Bulb	107695	2982	35.9	4.702	34		22.5					90
Dew Point	49949	1539	18.3	16.189	84	13.9	69.6					9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70001	MAUI OPTICAL SITE HI NORTH TOWER	79	APR
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
59/ 59													1.2					1	1		
57/ 55								1.2				1.2						2	2		
54/ 53									1.2	1.2	1.2	1.2						4	4		
52/ 51						1.2		1.2	1.2	3.7	1.2							7	7		
50/ 49							2.5	1.2										3	3		
48/ 47					1.2	4.9	1.2		2.5	1.2								9	9		
46/ 45		1.2			2.5	3.7	3.7		2.5									11	11		
44/ 43		6.2	1.2		2.5	2.5	2.5	1.2	2.5									15	15	4	2
42/ 41		4.9	1.2		1.2	1.2		3.7	1.2									11	11	4	4
40/ 39		7.4		2.5		1.2		3.7										12	12	14	2
38/ 37	1.2	1.2			2.5													4	4	15	7
36/ 35			1.2															1	1	7	3
34/ 33																				15	2
32/ 31		1.2																1	1	7	1
30/ 29																				7	5
28/ 27																				4	2
26/ 25																				4	9
24/ 23																					5
22/ 19																					4
18/ 17																					5
16/ 15																					4
14/ 13																					3
6/ 5																					2
4/ 3																					2
2/ 1																					2
0/ -1																					3
-2/ -3																					1
-4/ -5																					2
-6/ -7																					3
-8/ -9																					1
-10/-11																					1
-12/-13																					2
-16/-17																					2
-20/-21																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) APR (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-22/-23																					1
TOTAL	1.2	22.2	3.7	2.5	9.9	14.8	9.9	12.3	11.1	6.2	2.5	2.5	1.2						81		81
																		81		81	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	235742	3648	45.0	29.885	81							
Dry Bulb	165240	3634	44.9	5.248	81		1.1					90
Wet Bulb	101554	2844	35.1	4.607	81		24.4					90
Dew Point	52252	1498	18.5	17.517	81	18.9	67.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79	APR
STATION	STATION NAME	YEARS	MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55												1.2						1	1		
54/ 53											1.2	1.2						2	2		
52/ 49								1.2	1.2		1.2							3	3		
48/ 47							1.2	1.2	1.2	1.2								4	4		
46/ 45			1.2			1.2	1.2		2.5	4.9								9	9		
44/ 43		1.2	1.2	1.2	1.2	3.7	4.9	2.5	6.2	1.2								19	19		
42/ 41		4.9			1.2	1.2		4.9	3.7									13	13	4	1
40/ 39	1.2	7.4	2.5	1.2	2.5	1.2			1.2									14	14	5	4
38/ 37	1.2	7.4	2.5	1.2			2.5											12	12	12	4
36/ 35	1.2				2.5		1.2											4	4	10	8
34/ 33																				14	6
32/ 31																				10	1
30/ 29																				7	3
28/ 27																				15	1
26/ 25																				3	1
24/ 23																				1	4
22/ 21																					2
20/ 19																					3
18/ 17																					3
16/ 15																					3
14/ 13																					2
12/ 11																					4
10/ 9																					1
8/ 7																					2
6/ 5																					1
4/ 3																					2
2/ 1																					1
0/ -1																					2
-2/ -3																					2
-4/ -5																					3
-6/ -7																					2
-8/ -9																					2
-10/-11																					3
-12/-13																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79	APR
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-14/-15																					1
-16/-17																					2
-20/-21																					2
-22/-23																					1
-24/-25																					1
TOTAL	3.7	21.0	7.4	3.7	7.4	7.4	11.1	9.9	16.0	7.4	2.5	2.5						81	81		81
																		81		81	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	242811	3587	44.3	32.397	81							90
Dry Bulb	146391	3427	42.3	4.182	81							90
Wet Bulb	89480	2666	32.9	4.473	81		40.0					90
Dew Point	46741	1167	14.4	19.342	81	26.7	64.4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00031 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
52/ 51											1.2							1	1		
50/ 49											1.2							1	1		
48/ 47									1.2	3.6								4	4		
46/ 45						2.4	1.2	1.2	4.8	4.8								12	12		
44/ 43		1.2	1.2		1.2	1.2	3.6	1.2	4.8									12	12		
42/ 41	1.2	4.8		1.2	1.2	2.4	1.2	3.6	7.1									19	19	3	3
40/ 39		7.1	1.2	1.2	1.2				1.2									10	10	7	2
38/ 37	3.6	4.8	2.4		1.2			3.6										13	13	7	6
36/ 35	1.2				1.2													2	2	10	7
34/ 33		2.4		1.2			1.2											4	4	8	3
32/ 31			2.4	1.2	1.2													4	4	11	3
30/ 29		1.2																1	1	15	3
28/ 27			1.2															1	1	9	
26/ 25																				9	3
24/ 23																				4	1
22/ 21																				1	5
20/ 19																					2
18/ 17																					6
16/ 15																					2
14/ 13																					1
8/ 7																					2
4/ 3																					2
2/ 1																					2
0/ -1																					2
-2/ -3																					4
-5/ -7																					2
-8/ -9																					2
-10/-11																					5
-12/-13																					2
-14/-15																					2
-16/-17																					4
-18/-19																					1
-20/-21																					1
-22/-23																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03003	MAUI OPTICAL SITE HI NORTH TOWER	79	APR
STATION	STATION NAME	YEARS	MONTH

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

Temp (F	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-26/-27																					3
-28/-29																					2
TOTAL	6.0	21.4	8.3	4.8	7.1	6.0	7.1	9.5	19.0	8.3	2.4							84	84	84	84

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	269029	3807	45.3	34.096	84							
Dry Bulb	141977	3431	40.8	4.705	84		6.4					90
Wet Bulb	87341	2677	31.9	4.943	84		52.5					90
Dew Point	50517	1747	12.9	21.246	64	31.1	67.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | APR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59													.1					1	1		
58/ 57									.3		.1	.3	.1					6	6		
56/ 55								.1	.3		.1	.7						9	9		
54/ 53							.1		.9	.1	.6	1.0						19	19		
52/ 51						.1	.1	.7	.4	.8	1.8							26	26		
50/ 49					.1	.3	1.0	1.3	.6	.4	1.3							35	35		
48/ 47				.1	.3	1.3	1.3	.9	1.9	3.7								65	65		
46/ 45	.1	.3	.3		.6	2.1	1.6	.6	2.3	3.2								76	76	1	1
44/ 43		2.6	1.5	.6	1.8	1.6	2.1	1.5	3.7	.3								106	106	7	3
42/ 41	.3	5.3	.7	.4	1.0	1.6	1.0	2.8	2.5									107	107	40	22
40/ 39	2.2	5.6	1.6	.9	.9	1.3	.4	1.2	1.0									103	103	84	36
38/ 37	.9	2.5	1.2	.6	1.6	.7	.6	1.5										65	65	87	46
36/ 35	.4	.7	.9	.9	.6	.3	.1	.1										28	28	69	32
34/ 33		.3		.4	.3		.7											12	12	80	26
32/ 31		.4	.6	.4	.3													12	12	85	16
30/ 29		.1	.1		.1	.1												4	4	99	22
28/ 27	.1	.1	.1	.1														4	4	66	13
26/ 25				.1														1	1	37	32
24/ 23				.1	.1													2	2	16	30
22/ 21				.1														1	1	6	21
20/ 19																				2	31
18/ 17																				2	32
16/ 15																				1	28
14/ 13																					16
12/ 11																					17
10/ 9																					7
8/ 7																					13
6/ 5																					14
4/ 3																					17
2/ 1																					17
0/ -1																					15
-2/ -3																					15
-4/ -5																					15
-6/ -7																					16

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03001	MAUI OPTICAL SITE HI NORTH TOWER	79	APR
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-8/ -9																					12
-10/-11																					12
-12/-13																					12
-14/-15																					9
-16/-17																					15
-18/-19																					11
-20/-21																					16
-22/-23																					12
-24/-25																					10
-26/-27																					10
-28/-29																					6
-32/-33																					1
-34/-35																					1
-36/-37																					1
-38/-39																					1
TOTAL	4.1	18.0	7.9	5.3	7.8	9.5	9.2	10.7	13.9	8.4	4.0	2.1	.3						682		682
																		682		682	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1978225	29573	43.4	31.966	682							
Dry Bulb	1276828	29264	42.9	5.571	682		25.3					720
Wet Bulb	771786	22674	33.2	5.135	682		331.5					720
Dew Point	416552	9538	14.0	20.391	682	200.6	544.8					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 79 (YEARS) | MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53									1.1	1.1	3.2							5	5		
52/ 51							2.2	3.2	1.1	7.5	5.4							18	18		
50/ 49							1.1	2.2	2.2	7.5	4.3							16	16		
48/ 47							1.1	1.1	4.3	8.6								14	14		
46/ 45							5.4	3.2	8.6	4.3								20	20		
44/ 43						1.1	3.2		5.4									9	9		
42/ 41				1.1		1.1												2	2		
40/ 39		1.1			1.1	2.2	1.1	1.1										6	6	2	
38/ 37					1.1		1.1											2	2	7	
36/ 35																				9	1
34/ 33							1.1											1	1	22	
32/ 31																				22	
30/ 29																				26	1
28/ 27																				3	
26/ 25																				1	2
24/ 23																				1	
22/ 21																					1
20/ 19																					4
18/ 17																					9
16/ 15																					5
14/ 13																					3
12/ 11																					1
10/ 9																					6
8/ 7																					3
6/ 5																					4
4/ 3																					4
2/ 1																					7
0/ -1																					7
-2/ -3																					4
-4/ -5																					6
-6/ -7																					4
-8/ -9																					3
-10/-11																					3
-12/-13																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79	MAY
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-14/-15																					1
-16/-17																					3
-22/-23																					1
-24/-25																					3
-26/-27																					1
-28/-29																					1
-30/-31																					1
TOTAL		1.1		1.1	2.2	4.3	16.1	10.8	22.6	29.0	12.9								93		93
																		93		93	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	49195	1761	18.9	13.125	93							
Dry Bulb	208984	4392	47.2	4.129	93							93
Wet Bulb	97069	2991	32.2	3.076	93		53.0					93
Dew Point	18133	239	2.6	13.799	93	42.0	92.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

30601	MAUI OPTICAL SITE HI NORTH TOWER	79	MAY
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53											1.1							1	1		
52/ 51								3.2	1.1	6.5	5.4							15	15		
50/ 49							3.2	2.2	3.2	2.2	2.2							12	12		
48/ 47							2.2	4.3	5.4	8.6								19	19		
46/ 45							3.2	5.4	8.6	4.3								20	20		
44/ 43						4.3	3.2	6.5	4.3	1.1								18	18		
42/ 41					2.2		2.2											4	4		
40/ 39			1.1					1.1										2	2	2	
38/ 37				1.1		1.1												2	2	4	
36/ 35																				14	
34/ 33																				21	
32/ 31																				26	
30/ 29																				20	1
28/ 27																				5	1
26/ 25																				1	
24/ 23																					3
22/ 21																					6
20/ 19																					4
18/ 17																					3
16/ 15																					4
14/ 13																					8
12/ 11																					6
10/ 9																					5
8/ 7																					5
6/ 5																					4
4/ 3																					2
2/ 1																					2
0/ -1																					5
-4/ -5																					6
-6/ -7																					1
-8/ -9																					2
-10/-11																					3
-12/-13																					2
-14/-15																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03001	MAUI OPTICAL SITE HI NORTH TOWER	79	MAY
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-16/-17																					1
-18/-19																					1
-20/-21																					1
-24/-25																					2
-26/-27																					1
-28/-29																					1
-30/-31																					3
-42/-53																					1
TOTAL			1.1	1.1	2.2	5.4	14.0	22.6	22.6	22.6	8.6							93	93	93	93

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	53761	1877	20.3	13.137	93							93
Dry Bulb	234540	4350	46.8	3.414	93							93
Wet Bulb	97062	2994	32.3	2.708	93		52.0					93
Dew Point	23859	300	3.2	15.774	93	34.0	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | MAY MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
56/ 55											2.2	1.1						3	3		
54/ 53									2.2	3.2	8.6	1.1						14	14		
52/ 51								1.1	3.2	4.3	5.4							13	13		
50/ 49								3.2	3.2	5.4	4.3							15	15		
48/ 47							4.3	1.1	9.7	5.4								19	19		
46/ 45						1.1	1.1	3.2	7.5	3.2								15	15		
44/ 43							2.2	4.3	2.2									8	8		
42/ 41								1.1										1	1		
40/ 39				3.2			1.1	1.1										5	5	1	
38/ 37																				7	
36/ 35																				15	
34/ 33																				27	
32/ 31																				22	
30/ 29																				16	1
28/ 27																				4	1
26/ 25																				1	2
24/ 23																					1
22/ 21																					3
20/ 19																					1
18/ 17																					4
16/ 15																					6
14/ 13																					3
12/ 11																					2
10/ 9																					5
8/ 7																					2
6/ 5																					10
4/ 3																					4
2/ 1																					6
0/ -1																					8
-2/ -3																					5
-4/ -5																					2
-6/ -7																					4
-8/ -9																					5
-10/-11																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-12/-13																					2
-14/-15																					2
-18/-19																					4
-24/-25																					1
-28/-29																					1
-30/-31																					2
-50/-51																					2
-52/-53																					1
TOTAL				3.2		1.1	3.0	15.1	28.0	21.5	20.4	2.2						93	93	93	93

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	41902	1602	17.2	12.470	93							
Dry Bulb	220544	4514	48.5	3.963	93							93
Wet Bulb	100227	3043	32.7	2.676	93		43.0					93
Dew Point	23870	70	.8	16.090	93	42.0	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 79 (YEARS) | MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59										1.1	1.1	1.1						3	3		
58/ 57										5.4	4.3	3.3						12	12		
56/ 55									1.1	6.5	3.3	5.4						15	15		
54/ 53							1.1		5.4	6.5	3.3	2.2						17	17		
52/ 51							4.3	2.2	5.4	10.9	2.2							23	23		
50/ 49							3.3		2.2	4.3								9	9		
48/ 47						2.2	2.2	1.1	1.1									6	6		
46/ 45					1.1		1.1	1.1	1.1									4	4		
44/ 43							1.1											1	1		
42/ 41								1.1										1	1	4	
40/ 39							1.1											1	1	20	
38/ 37																				16	
36/ 35																				21	
34/ 33																				21	
32/ 31																				7	
30/ 29																				3	1
28/ 27																					5
26/ 25																					4
24/ 23																					1
22/ 21																					3
20/ 19																					4
18/ 17																					8
16/ 15																					9
14/ 13																					5
12/ 11																					2
10/ 9																					7
8/ 7																					8
6/ 5																					3
4/ 3																					7
2/ 1																					7
0/ -1																					3
-4/ -5																					3
-6/ -7																					2
-10/-11																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) HAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-12/-13																					1
-14/-15																					1
-16/-17																					2
-18/-19																					1
-22/-23																					1
-46/-47																					2
-48/-49																					1
TOTAL					1.1	2.2	14.1	5.4	16.3	34.8	14.1	12.0							92		92
																		92		92	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	44964	1774	19.3	10.872	92							
Dry Bulb	256462	4844	52.7	3.943	92							93
Wet Bulb	120422	3318	36.1	2.885	92		10.1					93
Dew Point	26784	712	7.7	15.290	92	18.2	93.0					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63											1.1							1	1		
62/ 61									1.1			1.1	1.1					3	3		
60/ 59								1.1	3.2	2.2	2.2	1.1						9	9		
58/ 57								1.1	6.5	4.3	3.2	3.2						17	17		
56/ 55							1.1	1.1	3.2	1.1	3.2	3.2						12	12		
54/ 53							4.3	4.3	1.1	3.2	2.2	1.1						15	15		
52/ 51							3.2	1.1	2.2	3.2	1.1							10	10		
50/ 49						3.2	2.2	1.1	1.1	2.2								9	9		
48/ 47					2.2		1.1			1.1								4	4		
46/ 45						2.2	1.1											3	3	5	
44/ 43				1.1	3.2	1.1			2.2									7	7	4	
42/ 41						1.1		1.1										2	2	16	
40/ 39																				22	
38/ 37																				11	
36/ 35			1.1															1	1	19	
34/ 33																				10	
32/ 31																				3	2
30/ 29																					10
28/ 27																				3	11
26/ 25																					8
24/ 23																					7
22/ 21																					8
20/ 19																					3
18/ 17																					5
16/ 15																					2
14/ 13																					4
12/ 11																					3
10/ 9																					2
8/ 7																					4
6/ 5																					4
2/ 1																					5
0/ -1																					1
-2/ -3																					1
-4/ -5																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03001	MAUI OPTICAL SITE HI NORTH TOWER	79	MAY
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 1200-1400 HOURS (L. S. T.)

Temp. (°F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-6/ -7																					1
-12/-13																					1
-14/-15																					2
-16/-17																					1
-18/-19																					1
-42/-43																					1
-48/-49																					2
TOTAL			1.1	1.1	5.4	7.5	12.9	10.8	20.4	17.2	12.9	9.7	1.1						93		93
																		93		93	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	81999	2393	25.7	14.900	93							
Dry Bulb	265293	4942	53.1	5.392	93							93
Wet Bulb	135283	3529	37.9	3.860	93		6.0					93
Dew Point	44963	1313	14.1	16.948	93	15.0	93.0					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61									1.1		1.1							2	2		
60/ 59								1.1		1.1	1.1	1.1						4	4		
58/ 57								2.2	2.2	1.1	2.2	4.3						11	11		
56/ 55								3.3	1.1	7.6	10.9	2.2						23	23		
54/ 53							2.2		2.2	3.3	8.7							15	15		
52/ 51						2.2	2.2	1.1		2.2								7	7		
50/ 49						3.3	4.3		2.2	2.2	1.1							12	12		
48/ 47								1.1		2.2								3	3		
46/ 45							1.1	2.2	1.1									4	4	2	
44/ 43							1.1		2.2									3	3	2	
42/ 41					1.1	2.2												3	3	12	
40/ 39				2.2	1.1													3	3	12	
38/ 37				1.1														1	1	17	
36/ 35								1.1										1	1	18	
34/ 33																				16	
32/ 31																				8	2
30/ 29																				4	8
28/ 27																					7
26/ 25																					3
24/ 23																				1	3
22/ 21																					6
20/ 19																					1
18/ 17																					5
16/ 15																					5
14/ 13																					5
12/ 11																					4
10/ 9																					6
8/ 7																					3
6/ 5																					2
4/ 3																					4
2/ 1																					3
0/ -1																					4
-2/ -3																					5
-4/ -5																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

07001	MAUI OPTICAL SITE HI NORTH TOWER	79	MAY
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-8/ -9																					1
-10/-11																					1
-12/-13																					2
-24/-25																					1
-30/-31																					1
-32/-33																					1
-44/-45																					1
-46/-47																					2
TOTAL				3.3	2.2	7.6	10.9	12.0	12.0	19.6	25.0	7.6						92	92	92	92

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	64446	2064	22.4	14.119	92							
Dry Bulb	254308	4810	52.3	5.573	92							93
Wet Bulb	124277	3361	36.5	4.048	92		13.1					93
Dew Point	35689	929	10.1	17.003	92	20.2	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79	MAY
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — 1300-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57											1.1	1.1						2	2		
56/ 55								1.1	2.2		4.3							7	7		
54/ 53							1.1		4.3	4.3	6.5							15	15		
52/ 51						1.1	1.1	1.1		10.8	5.4							18	18		
50/ 49							1.1		3.2	3.2	3.2							10	10		
48/ 47							2.2	3.2	5.4	6.5								16	16		
46/ 45							1.1		3.2	3.2								7	7		
44/ 43					1.1			2.2	3.2									6	6	2	
42/ 41						1.1		1.1	1.1									3	3	2	
40/ 39				1.1		2.2												3	3	4	
38/ 37				1.1	2.2													3	3	6	
36/ 35			2.2															2	2	17	
34/ 33		1.1																1	1	22	
32/ 31																				20	3
30/ 29																				17	2
28/ 27																				3	3
26/ 25																					1
24/ 23																					2
22/ 21																					3
20/ 19																					4
18/ 17																					4
16/ 15																					3
14/ 13																					4
12/ 11																					2
10/ 9																					2
8/ 7																					6
6/ 5																					6
4/ 3																					4
2/ 1																					6
0/ -1																					6
-2/ -3																					8
-4/ -5																					3
-6/ -7																					1
-10/ -11																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-12/-13																					1
-14/-15																					5
-16/-17																					3
-18/-19																					2
-20/-21																					2
-22/-23																					1
-26/-27																					1
-44/-45																					2
-46/-47																					1
TOTAL		1.1	2.2	2.2	3.2	4.3	6.5	8.6	22.6	28.0	20.4	1.1						93	93		93
																		93		93	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	64392	1874	20.2	17.013	93							
Dry Bulb	223727	4535	48.8	5.301	93							93
Wet Bulb	104840	3106	33.4	3.466	93		40.0					93
Dew Point	26900	314	3.4	16.759	93	38.0	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 79 (YEARS) | MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71																1.1		1	1		
56/ 55										1.1	3.2							4	4		
54/ 53							2.2	1.1		1.1	5.4							9	9		
52/ 51								3.2		6.5	3.2							12	12		
50/ 49							1.1	2.2		6.5	3.2							12	12		
48/ 47								1.1	6.5	12.9								19	19		
46/ 45					1.1	1.1	1.1	1.1	11.8	4.3								19	19		
44/ 43						1.1		3.2	3.2									7	7	1	
42/ 41						1.1												1	1	2	
40/ 39				1.1		3.2												4	4	1	
38/ 37								1.1										1	1	7	
36/ 35			1.1		1.1	2.2												4	4	10	
34/ 33																				16	
32/ 31																				17	
30/ 29																				35	1
28/ 27																				1	3
26/ 25																				2	1
24/ 23																				1	2
22/ 21																					1
20/ 19																					5
18/ 17																					2
16/ 15																					3
14/ 13																					3
12/ 11																					2
10/ 9																					3
8/ 7																					5
6/ 5																					4
4/ 3																					4
2/ 1																					8
0/ -1																					6
-2/ -3																					6
-4/ -5																					10
-6/ -7																					4
-8/ -9																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-10/-11																					1
-12/-13																					3
-14/-15																					2
-16/-17																					2
-18/-19																					1
-22/-23																					1
-24/-25																					2
-26/-27																					2
-28/-29																					1
-44/-45																					3
TOTAL			1.1	1.1	2.2	8.6	4.3	12.9	21.5	32.3	15.1					1.1		93	93	93	93

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	44632	1634	17.6	13.158	93							
Dry Bulb	214964	4444	47.8	5.324	93			1.0				93
Wet Bulb	97648	2996	32.2	3.507	93		56.0					93
Dew Point	22483	53	.6	15.622	93	46.0	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 79 (YEARS) | MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
72/ 71																.1		1	1		
64/ 63											.1							1	1		
62/ 61									.3		.1	.1	.1					5	5		
60/ 59								.3	.4	.5	.5	.4						16	16		
58/ 57								.4	1.1	1.3	1.3	1.5						42	42		
56/ 55							.1	.7	.9	2.0	3.4	1.5						64	64		
54/ 53							1.3	.7	2.0	2.6	4.5	.5						91	91		
52/ 51						.4	1.6	2.0	1.6	6.5	3.5							116	116		
50/ 49						.8	2.0	1.3	2.2	4.2	2.3							95	95		
48/ 47					.1	.3	1.6	1.6	4.0	5.7								100	100		
46/ 45					.3	.5	1.9	2.0	5.3	2.4								92	92	7	
44/ 43				.1	.5	.9	1.3	2.0	2.8	.1								59	59	9	
42/ 41				.1	.4	.8	.3	.5	.1									17	17	36	
40/ 39		.1	.1	.9	.3	.9	.4	.4										24	24	54	
38/ 37				.4	.4	.1	.1	.1										9	9	75	
36/ 35			.5		.2	.3		.1										8	8	123	1
34/ 33		.1					.1											2	2	159	
32/ 31																				125	7
30/ 29																				121	25
28/ 27																				19	31
26/ 25																				5	21
24/ 23																				3	19
22/ 21																					31
20/ 19																					26
18/ 17																					40
16/ 15																					37
14/ 13																					35
12/ 11																					22
10/ 9																					36
8/ 7																					42
6/ 5																					37
4/ 3																					32
2/ 1																					45
0/ -1																					40

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-2/ -3																					29
-4/ -5																					37
-6/ -7																					17
-8/ -9																					13
-10/-11																					14
-12/-13																					14
-14/-15																					17
-16/-17																					12
-18/-19																					10
-20/-21																					3
-22/-23																					4
-24/-25																					9
-26/-27																					5
-28/-29																					4
-30/-31																					7
-32/-33																					1
-42/-43																					1
-44/-45																					6
-46/-47																					5
-48/-49																					3
-50/-51																					2
-52/-53																					2
TOTAL		.3	.7	1.6	2.3	5.1	10.9	12.3	20.8	25.6	16.2	4.0	.1			.1		742	742	742	742

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	445291	14979	20.2	13.887	742							
Dry Bulb	1848819	36831	49.6	5.275	742			1.0				744
Wet Bulb	876824	25338	34.1	3.952	742		273.7					744
Dew Point	222680	3930	5.3	16.505	742	255.7	743.0					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

30001	MAUI OPTICAL SITE HI NORTH TOWER	79	JUN
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 57												1.1	1.1					2	2		
54/ 55												1.1						1	1		
52/ 53											2.2	2.2						4	4		
50/ 51											17.8							16	16		
48/ 49									1.1	5.6	13.3							18	18		
46/ 47					1.1		1.1	3.3		18.9								22	22		
44/ 45				1.1	1.1	1.1	1.1		4.4	4.4								12	12		
42/ 43					1.1	3.3	1.1		2.2									7	7		
40/ 41				1.1	1.1	1.1			1.1									4	4		
38/ 39				2.2				1.1										3	3	2	
36/ 37				1.1														1	1	3	
34/ 35																				6	
32/ 33																				17	
30/ 31																				32	4
28/ 29																				24	1
26/ 27																				4	1
24/ 25																				2	
22/ 23																					
20/ 21																					
18/ 19																					
16/ 17																					
14/ 15																					
12/ 13																					
10/ 11																					
8/ 9																					
6/ 7																					
4/ 5																					
2/ 3																					
0/ -1																					
-2/ -3																					
-4/ -5																					
-6/ -7																					
-8/ -9																					
-10/-11																					
-12/-13																					
-14/-15																					
-16/-17																					

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 79 (YEARS) | JUN (MONTH)

PAGE 2 | 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-18/-19																					5
-20/-21																					3
-22/-23																					10
-24/-25																					12
-26/-27																					1
-28/-29																					2
-30/-31																					1
-32/-33																					3
-36/-37																					1
-44/-45																					3
TOTAL				5.6	4.4	5.6	3.3	4.4	8.9	28.9	33.3	4.4	1.1					90	90	90	90

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	46170	1286	14.3	17.672	90							
Dry Bulb	208143	4315	47.9	3.767	90							90
Wet Bulb	90633	2847	31.6	2.537	90		62.0					90
Dew Point	43286	-878	-9.8	19.751	90	68.0	90.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
54/ 53											1.1	1.1						2	2		
52/ 51											10.1							9	9		
50/ 49										4.5	3.4							7	7		
48/ 47							1.1	4.5	1.1	32.6								35	35		
46/ 45					1.1	3.4	1.1	2.2	1.1	7.9								15	15		
44/ 43				4.5			1.1	3.4	3.4	1.1								12	12		
42/ 41				1.1				2.2	1.1									4	4		
40/ 39			3.4			1.1												4	4	1	
38/ 37																				7	
36/ 35		1.1																1	1	7	
34/ 33																				6	2
32/ 31																				25	6
30/ 29																				35	1
28/ 27																				7	1
26/ 25																				1	1
24/ 23																					2
22/ 21																					1
18/ 17																					3
16/ 15																					1
14/ 13																					3
10/ 9																					2
8/ 7																					3
4/ 3																					1
2/ 1																					2
-2/ -3																					1
-4/ -5																					2
-6/ -7																					3
-8/ -9																					2
-10/-11																					5
-12/-13																					5
-14/-15																					6
-16/-17																					10
-18/-19																					1
-20/-21																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 79 (YEARS) | JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-22/-23																					5
-24/-25																					10
-26/-27																					2
-28/-29																					1
-30/-31																					1
-38/-39																					2
-44/-45																					1
TOTAL		1.1	3.4	5.6	1.1	4.5	3.4	12.4	6.7	46.1	14.5	1.1						89	89	89	89

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	64708	1560	17.5	20.605	89							
Dry Bulb	194279	4149	46.6	3.121	89							90
Wet Bulb	88062	2788	31.3	2.871	89		68.8					90
Dew Point	37815	-513	-5.8	19.903	89	60.7	88.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | JUN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57												1.1	1.1					2	2		
56/ 55												5.7						6	6		
54/ 53								1.1	1.1		2.2	4.4						8	8		
52/ 51								3.3	1.1	1.1	11.1							15	15		
50/ 49							2.2	1.1	4.4	4.4	6.7							17	17		
48/ 47						1.1		1.1	1.1	16.7								18	18		
46/ 45						2.2	2.2	2.2		7.8								13	13		
44/ 43				2.2	1.1				1.1	1.1								5	5		
42/ 41								1.1	1.1									2	2		
40/ 39																				2	
38/ 37			3.3															3	3	8	
36/ 35			1.1															1	1	7	
34/ 33																				23	
32/ 31																				23	2
30/ 29																				21	3
28/ 27																				6	1
26/ 25																					4
24/ 23																					1
22/ 21																					2
20/ 19																					2
18/ 17																					3
16/ 15																					1
14/ 13																					3
12/ 11																					2
10/ 9																					1
8/ 7																					2
6/ 5																					2
-2/ -3																					3
-4/ -5																					2
-6/ -7																					5
-8/ -9																					2
-10/-11																					2
-12/-13																					1
-14/-15																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | JUN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-16/-17																					7
-18/-19																					5
-20/-21																					8
-22/-23																					10
-24/-25																					3
-26/-27																					2
-28/-29																					2
-30/-31																					1
-34/-35																					1
-38/-39																					3
TOTAL			4.4	2.2	1.1	3.3	4.4	10.0	10.0	31.1	20.0	12.2	1.1					90	90	90	90

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	51847	1405	15.6	18.333	90							90
Dry Bulb	216029	4393	48.8	4.242	90		50.0					90
Wet Bulb	95271	2917	32.4	2.860	90	61.0	90.0					90
Dew Point	37260	-556	-6.2	19.495	90							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
62/ 61												1.1	1.1					2	2		
60/ 59											1.1	1.1	2.2					4	4		
58/ 57									1.1		2.2	3.3	7.8					13	13		
56/ 55								2.2	1.1	2.2	3.3	15.6						22	22		
54/ 53								2.2		4.4	5.8	8.9						19	19		
52/ 51									1.1	4.4	5.8							10	10		
50/ 49						2.2	3.3	1.1		1.1								7	7		
48/ 47					1.1	1.1		1.1		1.1								4	4		
46/ 45						1.1				1.1								2	2		
44/ 43				1.1	1.1	2.2												4	4		
42/ 41																			6		
40/ 39			2.2		1.1													3	3	8	
38/ 37																				11	
36/ 35																				27	
34/ 33																				29	
32/ 31																				7	1
30/ 29																				2	4
28/ 27																					2
26/ 25																					6
24/ 23																					2
22/ 21																					5
20/ 19																					1
18/ 17																					1
16/ 15																					1
14/ 13																					2
12/ 11																					8
8/ 7																					3
4/ 3																					2
2/ 1																					2
0/ -1																					2
-2/ -3																					2
-4/ -5																					2
-6/ -7																					1
-10/-11																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-12/-13																					4
-14/-15																					8
-16/-17																					11
-18/-19																					11
-20/-21																					4
-24/-25																					1
-34/-35																					2
-36/-37																					1
TOTAL			2.2	1.1	3.3	6.7	3.3	6.7	3.3	14.4	17.8	30.0	11.1					90		90	90
																			90		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	484[illegible]	1467	16.3	16.605	90							90
Dry Bulb	256651	4787	53.2	4.783	90		9.0					90
Wet Bulb	113103	3181	35.3	2.748	90	50.0	90.0					90
Dew Point	31303	-73	-.8	18.736	90							90

FORM 0-26-5 (OL A) JUL 74 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.E./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63											1.1							1	1		
62/ 61											1.1		1.1					2	2		
60/ 59									2.2	1.1	1.1		5.6					9	9		
58/ 57								1.1	2.2		1.1	4.4	4.4					12	12		
56/ 55								4.4	1.1	2.2	3.3	13.3						22	22		
54/ 53							2.2	2.2	1.1	2.2	5.6	2.2						14	14		
52/ 51							1.1	1.1	2.2	1.1	5.6							10	10		
50/ 49						1.1	3.3			1.1	2.2							7	7		
48/ 47						1.1				1.1								2	2		
46/ 45				1.1	1.1	2.2	1.1			1.1								6	6	1	
44/ 43						2.2												2	2	9	
42/ 41					1.1													1	1	9	
40/ 39					2.2													2	2	8	
38/ 37																				12	
36/ 35																				21	
34/ 33																				23	1
32/ 31																				9	
30/ 29																				1	4
28/ 27																				1	8
26/ 25																					3
24/ 23																					6
22/ 21																					6
20/ 19																					4
18/ 17																					3
16/ 15																					2
14/ 13																					1
12/ 11																					3
10/ 9																					2
8/ 7																					2
6/ 5																					1
4/ 3																					2
-4/ -5																					1
-8/ -9																					3
-10/-11																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 79 (YEARS) | JUN (MONTH)

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-12/-13																					9
-14/-15																					6
-16/-17																					8
-18/-19																					6
-20/-21																					1
-22/-23																					1
-28/-29																					1
-32/-33																					1
-34/-35																					1
-36/-37																					1
TOTAL				1.1	4.4	6.7	7.8	8.9	8.9	10.0	21.1	20.0	11.1					90	90	90	90

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	51888	1666	18.5	15.379	90							
Dry Bulb	260839	4825	53.6	4.933	90							90
Wet Bulb	119876	3268	36.3	3.689	90		11.0					90
Dew Point	35424	308	3.4	19.651	90	42.0	89.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03001	MAUI OPTICAL SITE HI NORTH TOWER	79	JUN
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61													2.2					2	2		
60/ 59												1.1	1.1					2	2		
58/ 57								1.1	1.1	1.1	1.1	3.4	2.2					9	9		
56/ 55							1.1	1.1	3.4		1.1	13.9						18	18		
54/ 53							2.2			3.4	5.6	7.9						17	17		
52/ 51							2.2	4.5	2.2	3.4	5.6							16	16		
50/ 49						2.2	4.5	2.2	1.1									9	9		
48/ 47						3.4		2.2		2.2								7	7		
46/ 45								1.1		1.1								2	2	1	
44/ 43					1.1				2.2									3	3	1	
42/ 41				1.1	1.1		1.1											3	3	5	
40/ 39					1.1													1	1	10	
38/ 37																				17	
36/ 35																				15	
34/ 33																				26	
32/ 31																				6	2
30/ 29																				3	2
28/ 27																				3	5
26/ 25																					6
24/ 23																					5
22/ 21																					5
20/ 19																					4
18/ 17																					1
16/ 15																					4
14/ 13																					3
12/ 11																					3
10/ 9																					1
8/ 7																					3
6/ 5																					1
4/ 3																					1
2/ 1																					3
0/ -1																					1
-8/ -9																					1
-10/-11																					5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-12/-13																					6
-14/-15																					5
-16/-17																					3
-18/-19																					9
-20/-21																					3
-22/-23																					3
-24/-25																					1
-32/-33																					1
-34/-35																					2
TOTAL				1.1	3.4	5.6	11.2	12.4	10.1	11.2	13.5	25.8	5.6						89		89
																		89		89	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	51570	1656	18.6	15.358	89							
Dry Bulb	246161	4663	52.4	4.587	89							90
Wet Bulb	113584	3164	35.6	3.539	89		12.1					90
Dew Point	33989	247	2.8	19.454	89	40.4	90.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79	JUN
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57												1.1	1.1					2	2		
56/ 55								2.3				4.6						6	6		
54/ 53							1.1			1.1	5.7	4.6						11	11		
52/ 51										5.7	20.7							23	23		
50/ 49						1.1	1.1			6.9	9.2							16	16		
48/ 47						3.4		3.4		6.9								12	12		
46/ 45					1.1	3.4		2.3	1.1	1.1								8	8		
44/ 43							1.1		1.1									2	2		
42/ 41					1.1													1	1	3	
40/ 39							1.1		1.1									2	2	3	
38/ 37							1.1											1	1	7	
36/ 35			2.3															2	2	5	
34/ 33																				25	
32/ 31		1.1																1	1	29	
30/ 29																				12	3
28/ 27																				3	5
26/ 25																				1	6
24/ 23																					2
16/ 15																					2
14/ 13																					1
12/ 11																					2
10/ 9																					2
8/ 7																					1
6/ 5																					3
4/ 3																					3
2/ 1																					2
0/ -1																					2
-2/ -3																					3
-4/ -5																					2
-6/ -7																					1
-8/ -9																					3
-10/-11																					3
-12/-13																					2
-14/-15																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) JUN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-16/-17																					2
-18/-19																					6
-20/-21																					12
-22/-23																					4
-24/-25																					5
-26/-27																					3
-28/-29																					1
-34/-35																					2
-36/-37																					1
-38/-39																					1
TOTAL		1.1	2.3		2.3	8.0	5.7	8.0	3.4	21.8	35.6	10.3	1.1					87	87	87	87

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	52034	1406	16.2	18.462	87							
Dry Bulb	214189	4297	49.4	4.770	87		1.0					90
Wet Bulb	94434	2854	32.8	3.068	87		46.6					90
Dew Point	34325	-429	-4.9	19.353	87	56.9	90.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

20001	MAUI OPTICAL SITE HI NORTH TOWER	79	JUN
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55												6.9						6	6		
54/ 53											4.6	1.1						5	5		
52/ 51											17.2							15	15		
50/ 49										2.3	23.0							22	22		
48/ 47						1.1	1.1	4.6		9.2								14	14		
46/ 45					2.3		4.6	1.1	1.1	3.4								11	11		
44/ 43					1.1	2.3		2.3	1.1									6	6		
42/ 41				1.1	1.1				1.1									3	3		
40/ 39					1.1													1	1		
38/ 37			1.1			1.1												2	2		
36/ 35			1.1															1	1	1	
34/ 33		1.1																1	1	21	
32/ 31																				33	
30/ 29																				19	3
28/ 27																				4	4
26/ 25																					1
24/ 23																					3
22/ 21																					1
20/ 19																					2
18/ 17																					4
16/ 15																					4
14/ 13																					1
12/ 11																					1
10/ 9																					1
8/ 7																					1
6/ 5																					1
4/ 3																					1
-4/ -5																					7
-6/ -7																					1
-8/ -9																					1
-10/-11																					3
-12/-13																					5
-14/-15																					5
-16/-17																					3
-18/-19																					8
-20/-21																					9
-22/-23																					11
-24/-25																					

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79		JUN
STATION	STATION NAME	YEARS		MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-26/-27																					1
-28/-29																					3
-32/-33																					2
-34/-35																					1
-36/-37																					2
TOTAL		1.1	2.3	1.1	5.7	4.6	5.7	8.0	3.4	14.9	44.8	8.0							87		87
																		87		87	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	52310	1358	15.6	19.020	87							
Dry Bulb	204487	4201	48.3	4.358	87							90
Wet Bulb	89333	2781	32.0	2.254	87		57.9					90
Dew Poin	38101	-677	-7.8	19.539	87	64.1	90.0					90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

03001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
64/ 63											.1							1	1		
62/ 61											.1	.1	.6					6	6		
60/ 59									.3	.1	.3	.3	1.1					15	15		
58/ 57								.3	.5	.1	.6	1.8	2.2					40	40		
56/ 55							.1	1.3	.7	.6	1.0	7.7						81	81		
54/ 53							.7	.7	.3	1.4	4.1	4.1						80	80		
52/ 51							.4	1.1	.8	2.0	11.7							114	114		
50/ 49						.8	1.8	.6	.9	3.2	7.2							103	103		
48/ 47					.3	1.4	.4	2.5	.3	11.1								114	114		
46/ 45				.3	.8	1.7	1.3	1.1	1.0	3.5								69	69	2	
44/ 43				1.0	.7	1.3	.4	.7	1.4	.3								41	41	6	
42/ 41				.6	.7	.1	.1	.4	.6									18	18	23	
40/ 39			.7	.3	.7	.1	.1	.1	.1									16	16	33	
38/ 37			.6	.1		.1	.1											7	7	68	
36/ 35		.1	.6															5	5	95	
34/ 33		.1																1	1	172	
32/ 31		.1																1	1	154	
30/ 29																				117	
28/ 27																				28	
26/ 25																				4	
24/ 23																					
22/ 21																					
20/ 19																					
18/ 17																					
16/ 15																					
14/ 13																					
12/ 11																					
10/ 9																					
8/ 7																					
6/ 5																					
4/ 3																					
2/ 1																					
0/ -1																					
-2/ -3																					

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | HAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | JUN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-4/ -5																					18
-6/ -7																					13
-8/ -9																					18
-10/-11																					24
-12/-13																					35
-14/-15																					39
-16/-17																					51
-18/-19																					43
-20/-21																					42
-22/-23																					42
-24/-25																					43
-26/-27																					9
-28/-29																					10
-30/-31																					3
-32/-33																					7
-34/-35																					9
-36/-37																					6
-38/-39																					6
-44/-45																					4
TOTAL		.4	1.6	2.2	3.2	5.6	5.6	8.8	6.9	22.3	29.0	14.0	3.9					712	712	712	712

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	418978	11804	16.6	17.721	712							
Dry Bulb	1890774	35530	50.0	5.000	712		1.0					720
Wet Bulb	804298	23800	33.4	3.505	712		316.5					720
Dew Point	291503	-2571	-3.6	19.923	712	442.9	717.0					720

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	JUL
STATION	STATION NAME	YEARS	MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61													.8					1	1		
60/ 59											2.5		.8					4	4		
56/ 55				.8						2.5								4	4		
54/ 53				2.5	.8	.8	3.4	1.7	2.5	1.7	.8	.8						18	18		
52/ 51			.8	1.7	.8			1.7	.8	.8	6.8							16	16		
50/ 49			1.7	.8	.8				1.7	6.8	9.3							25	25	2	
48/ 47				.8		.8	1.7		1.7	6.8								14	14	4	
46/ 45					.8	1.7	.8	2.5	1.7	4.2								14	14	4	1
44/ 43				.8	2.5	3.4		.8	3.4									13	13	4	4
42/ 41			.8			.8			3.4									6	6	6	4
40/ 39								.9	1.7									3	3	6	1
38/ 37																				18	2
36/ 35																				5	2
34/ 33																				14	2
32/ 31																				32	
30/ 29																				11	3
28/ 27																				7	5
26/ 25																				5	4
24/ 23																					4
22/ 21																					2
20/ 19																					4
18/ 17																					3
16/ 15																					2
14/ 13																					5
12/ 11																					4
10/ 9																					3
8/ 7																					3
6/ 5																					1
4/ 3																					3
2/ 1																					3
-2/ -3																					2
-4/ -5																					2
-6/ -7																					2
-8/ -9																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) Jul 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	JUL
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-10/-11																					9
-12/-13																					8
-14/-15																					11
-16/-17																					3
-18/-19																					3
-20/-21																					4
-22/-23																					4
-24/-25																					1
TOTAL			3.4	7.6	5.9	7.6	5.9	7.6	16.9	22.9	19.5	.8	1.7					118	118	118	118

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	124197	2873	24.3	21.532	118							
Dry Bulb	287246	5798	49.1	4.489	118							93
Wet Bulb	145946	4094	34.7	5.777	118		43.3					93
Dew Point	54018	750	6.4	20.517	118	41.8	80.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	JUL
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — 0300-0500 HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63													.8	.8				2	2		
62/ 61											.8	.8	.8					3	3		
60/ 59											.8							1	1		
58/ 57									.8		1.7							3	3		
56/ 53				5.0	1.[illegible]		.8	1.7	3.3	.8	1.7							18	18		
52/ 51			.8	2.5	.8	.8	.8	.8	.8	.8	9.2							21	21		
50/ 49			.8		.8	.8			.8	8.3	5.8							21	21	2	
48/ 47					.8			1.7	3.3	1.7								21	21	5	
46/ 45				.8	.8		1.7		3.3	2.5								11	11	6	
44/ 43				.8	.8	.8	.8		5.0									10	10	1	7
42/ 41				.8	.8	.8	.8		2.5									7	7	6	3
40/ 39						.8			.8									2	2	11	3
38/ 37																				10	1
36/ 35																				4	1
34/ 33																				16	2
32/ 31																				34	4
30/ 29																				12	3
28/ 27																				4	1
26/ 25																				4	
24/ 23																					3
22/ 21																					1
20/ 19																					4
18/ 17																					4
16/ 15																					4
14/ 13																					4
12/ 11																					3
10/ 9																					2
8/ 7																					1
6/ 5																					4
4/ 3																					5
2/ -1																					4
-2/ -3																					4
-4/ -5																					3
-6/ -7																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-80 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-8/ -9																					14
-10/-11																					9
-12/-13																					9
-14/-15																					6
-16/-17																					6
-18/-19																					1
-20/-21																					2
-24/-25																					1
TOTAL			1.7	10.0	6.7	4.2	5.0	4.2	20.8	24.2	20.0	.8	1.7	.8				120	120	120	120

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	124143	2858	23.8	21.709	120							
Dry Bulb	296302	5936	49.5	4.735	120							93
Wet Bulb	149058	4168	34.7	6.002	120		45.7					93
Dew Point	50988	766	6.4	19.682	120	46.5	79.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 79-80 (YEARS) | JUL (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65														.8				1	1		
64/ 63										.8			.8					2	2		
62/ 61												.8	1.7					3	3		
60/ 59										.8	.8		.8					3	3		
58/ 57					.8		.8		.9	1.7		.8						6	6		
56/ 55					.8		1.7			.8		2.5						7	7		
54/ 53				5.0	.8			.0	.8	.8	5.0	.8						17	17		
52/ 51			.8	2.9	.9	.8			1.7	3.4	10.9							25	25		
50/ 49					.8		.8		.8	5.0	3.4							13	13	5	
48/ 47						.8		2.5	3.4	6.7								16	16	7	
46/ 45					2.9		1.7	.8	1.7	2.5								11	11	4	1
44/ 43				.8	.9			.8	3.4	1.7								9	9	3	9
42/ 41					.8				1.7									3	3	5	2
40/ 39			.8	.8					.8									3	3	11	
38/ 37																				7	2
36/ 35																				8	1
34/ 33																				22	2
32/ 31																				25	3
30/ 29																				11	2
28/ 27																				8	5
26/ 25																				3	3
24/ 21																					4
20/ 19																					1
18/ 17																					4
16/ 15																					2
14/ 13																					1
12/ 11																					3
10/ 9																					3
8/ 7																					3
6/ 5																					1
4/ 3																					4
2/ 1																					6
0/ -1																					4
-2/ -3																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-80 YEARS | JUL MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-4/ -5																					3
-6/ -7																					1
-8/ -9																					8
-10/-11																					11
-12/-13																					12
-14/-15																					2
-16/-17																					5
-18/-19																					5
-20/-21																					2
-24/-25																					1
TOTAL			1.7	9.2	8.4	1.7	5.0	5.0	15.1	24.4	20.2	5.0	3.4	.8				119	119	119	119

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	123210	2790	23.4	22.132	119							
Dry Bulb	309701	6039	50.7	5.236	119							93
Wet Bulb	154698	4228	35.5	6.161	119		36.7					93
Dew Point	53594	780	6.6	20.270	119	44.5	79.7					93

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

2619

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67													1.8	.9				3	3		
64/ 63									.9	.9	.9	.9						4	4		
62/ 61						.9			.9	.9		.9	1.8					6	6		
60/ 59					.9			1.8					2.7					6	6		
58/ 57							.9	.9		.9		8.1						12	12		
56/ 55				6.3	1.8		.9			1.8	2.7	3.6						19	19		
54/ 53				.9			2.7	1.8	.9	2.7	7.2	.9						19	19		
52/ 51						.9	.9		6.3	3.6	5.4							19	19	3	
50/ 49		.9			.9			.9	.9	1.8	1.8							8	8	7	
48/ 47		.9			.9	3.6				2.7								9	9	6	1
46/ 45					.9					1.8								3	3	6	9
44/ 43	.9								.9									2	2	7	4
42/ 41									.9									1	1	6	1
40/ 39																				8	
38/ 37																				14	
36/ 35																				27	
34/ 33																				11	4
32/ 31																				8	7
30/ 29																				6	1
28/ 27																				1	7
26/ 25																				1	2
24/ 23																					3
18/ 17																					3
16/ 15																					2
14/ 13																					4
12/ 11																					6
10/ 9																					5
8/ 7																					2
6/ 5																					2
4/ 3																					2
2/ 1																					2
0/ -1																					3
-2/ -3																					1
-4/ -5																					4

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

90001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) JUL (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-6/ -7																					4
-8/ -9																					8
-10/-11																					5
-12/-13																					7
-14/-15																					7
-16/-17																					1
-18/-19																					2
TOTAL	.9	1.8		7.2	5.4	5.4	5.4	5.4	11.7	17.1	18.0	14.4	6.3	.9					111		111
																		111		111	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	129963	2825	25.5	22.975	111							
Dry Bulb	329251	6019	54.2	5.107	111			2.5				93
Wet Bulb	157811	4263	38.4	6.097	111		13.4					93
Dew Point	60040	1284	11.4	20.268	111	35.2	77.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00301	MAUI OPTICAL SITE HI NORTH TOWER	79-80	JUL
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — HOURS (L. S. T.) 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71													.9					1	1		
70/ 69													.9					1	1		
68/ 67													.9					1	1		
66/ 65							.9		.9	1.7	.9			.9				6	6		
64/ 63			.9						1.7	.9				.9				5	5		
62/ 61					.9			.9		.9			2.6					6	6		
60/ 59												1.7	1.7					4	4	1	
58/ 57				2.6	2.6		1.7	2.6				3.4						15	15		
56/ 55				2.6		1.7		.9	.9	1.7	6.0	6.0						23	23		1
54/ 53					.9	.9	4.3		.9	2.6	6.9	3.4						23	23	3	
52/ 51				.9		2.6	.9	1.7	2.6	.9	3.4							15	15	5	
50/ 49				.9		3.4	.9				.9							7	7	5	1
48/ 47			.9		.9					4.3								7	7	7	5
46/ 45																				8	5
44/ 43		.9							.9									2	2	10	
42/ 41																				6	2
40/ 39																				10	2
38/ 37																				14	2
36/ 35																				20	4
34/ 33																				14	3
32/ 31																				5	8
30/ 29																				6	11
28/ 27																				1	3
26/ 25																					2
24/ 23																					1
22/ 21																					4
20/ 19																					2
16/ 15																					1
14/ 13																					2
12/ 11																					3
10/ 9																					3
8/ 7																					2
6/ 5																					3
4/ 1																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-80 YEARS | JUL MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0/ -1																					2
-2/ -3																					5
-4/ -5																					5
-6/ -7																					7
-8/ -9																					6
-10/-11																					5
-12/-13																					7
-14/-15																					4
-16/-17																					2
-32/-33																					1
TOTAL		.9	1.7	6.9	5.2	8.6	9.6	6.0	7.8	12.9	16.1	14.7	6.9	1.7				116	116	116	116

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	142031	3141	27.1	22.259	116							
Dry Bulb	360734	6442	55.5	5.091	116			2.4				93
Wet Bulb	189079	4623	39.8	6.532	116		8.9					93
Dew Point	75844	1662	14.3	21.271	116	35.3	73.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75																.9		1	1		
72/ 71														.9				1	1		
70/ 69													.9					1	1		
66/ 65										.9		.9						2	2		
64/ 63										.9				.9				2	2		
62/ 61								1.8	1.8									4	4		
60/ 59							.9	.9	1.8				1.9					6	6		
58/ 57				1.8	1.8		.9	.9			.9	3.5						11	11		
56/ 55				1.8	.9	.9		2.6	.9	1.8	1.8	7.9						21	21		
54/ 53				.9			2.6	1.8	2.8	1.9	7.9	2.6						23	23		
52/ 51						1.8	2.6	.9	1.8	2.6	3.5							15	15	2	
50/ 49						1.8	1.8	1.8	1.8	4.4	4.4							18	18	7	
48/ 47					.9	.9	.9	.9		1.8								5	5	4	2
46/ 45																				11	3
44/ 43									.9									1	1	2	3
42/ 41									1.8									2	2	9	
40/ 39																				14	1
38/ 37																				8	3
36/ 35																				18	
34/ 33																				22	2
32/ 31																				12	9
30/ 29																				2	8
28/ 27																				2	4
26/ 25																				1	2
24/ 23																					4
22/ 21																					1
20/ 19																					3
18/ 17																					3
16/ 15																					5
14/ 13																					4
10/ 9																					2
8/ 7																					4
6/ 5																					2
4/ 3																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

20001 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 79-80 (YEARS) | JUL (MONTH)

PAGE 2 | 1500-1700 (HOURS (L, S, T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0/ -1																					3
-2/ -3																					4
-4/ -5																					3
-6/ -7																					8
-8/ -9																					7
-10/-11																					3
-12/-13																					8
-14/-15																					7
-16/-17																					4
-30/-31																					1
TOTAL				4.4	3.5	5.3	9.6	11.4	13.2	14.0	18.4	14.9	2.6	1.8		.9		114	114	114	114

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	99851	2639	23.1	18.521	114							
Dry Bulb	339402	6192	54.3	5.220	114			2.4	.8			93
Wet Bulb	169628	4344	36.1	6.023	114		13.9					93
Dew Point	57515	1215	10.7	19.859	114	39.2	81.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65												.8						1	1		
64/ 63												.8						1	1		
62/ 61											.8							1	1		
60/ 59									.8				1.7					3	3		
58/ 57				.8						.8		2.5						5	5		
56/ 55				3.4	1.7			2.5	1.7			.8						12	12		
54/ 53					1.7		.8	1.7			6.7	.8						14	14		
52/ 51			.8	1.7			.8	2.5	.8	2.5	8.4							21	21	1	
50/ 49						.8		.8	3.4	5.9	5.9							20	20	5	
48/ 47		.8		.8	1.7	1.7	2.5	2.5	3.4	5.0								22	22	3	1
46/ 45					1.7			1.7	1.7	1.7								8	8	4	3
44/ 43			.8	1.7				.8	.8	.8								6	6	2	5
42/ 41								.8	.8									2	2	11	1
40/ 39								.8	.8									2	2	10	3
38/ 37								.4										1	1	7	1
36/ 35																				10	1
34/ 33																				24	1
32/ 31																				25	2
30/ 29																				10	5
28/ 27																				3	1
26/ 25																				3	7
24/ 23																				1	4
22/ 21																					1
20/ 19																					4
18/ 17																					2
16/ 15																					3
14/ 13																					2
12/ 11																					6
10/ 9																					1
8/ 7																					3
6/ 5																					1
4/ 3																					3
2/ 1																					3
0/ -1																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-2/ -3																					4
-4/ -5																					3
-6/ -7																					3
-8/ -9																					8
-10/-11																					4
-12/-13																					8
-14/-15																					10
-16/-17																					4
-18/-19																					5
-20/-21																					3
-24/-25																					1
TOTAL		.8	1.7	8.4	6.7	2.5	4.2	15.1	14.3	16.8	21.9	5.9	1.7						119		119
																		119		119	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	122491	2847	23.9	21.467	119							
Dry Bulb	308123	6029	50.7	4.757	119							93
Wet Bulb	156066	4250	35.7	6.023	119		32.8					93
Dew Point	55802	870	7.3	20.469	119	43.0	80.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) JUL (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61											.8							1	1		
60/ 59											1.7		1.7					4	4		
58/ 57									.8	.8		.8						3	3		
56/ 55				1.7				1.7			.8	.8						5	5		
54/ 53				.8	1.7	1.7	3.3	1.7	.8	.8	2.5							16	16		
52/ 51				.8	3.3	.8		2.5		.8	8.3							20	20		
50/ 49			.8	.8		.8	.8	.8	2.5	.8	7.4							18	19	3	
48/ 47				.8		.8	.8	2.5	2.5	11.6								23	23		
46/ 45					2.5		.8	2.5	3.3									11	11	7	2
44/ 43				.8	.8	.8	1.7		.8	1.7								8	8	6	1
42/ 41					.8	.8			3.3									6	6	9	2
40/ 39						.8			1.7									3	3	9	3
38/ 37																				7	3
36/ 35						.8												1	1	13	2
34/ 33																				13	1
32/ 31					.8													1	1	27	4
30/ 29																				16	4
28/ 27																				3	6
26/ 25																				8	3
24/ 23																					4
22/ 21																					3
20/ 19																					2
18/ 17																					5
16/ 15																					5
14/ 13																					6
12/ 11																					1
10/ 9																					1
8/ 7																					3
6/ 5																					5
4/ 3																					3
2/ 1																					1
0/ -1																					3
-2/ -5																					2
-4/ -7																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOSAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	JUL
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-8/ -9																					2
-10/-11																					6
-12/-13																					8
-14/-15																					7
-16/-17																					8
-18/-19																					3
-20/-21																					4
-22/-23																					6
-24/-25																					1
TOTAL			.8	5.8	9.9	7.4	7.4	11.6	15.7	16.5	21.5	1.7	1.7						121		121
																		121		121	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	120302	2964	24.5	19.937	121							
Dry Bulb	297532	5970	49.3	4.983	121		.8					93
Wet Bulb	151483	4223	34.9	5.843	121		41.5					93
Dew Point	56729	849	7.0	20.569	121	39.2	82.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-80 YEARS | JUL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
76/ 75																.1		1	1		
72/ 71													.1	.1				2	2		
70/ 69													.2					2	2		
68/ 67													.3	.1				4	4		
66/ 65							.1		.1	.3	.1	.2		.2				10	10		
64/ 63			.1						.3	.4	.1	.2	.2	.3				16	16		
62/ 61					.1	.1		.3	.3	.2	.3	.3	1.0					25	25		
60/ 59					.1		.1	.3	.3	.1	.7	.2	1.4					31	31	1	
58/ 57				.6	.6		.9	.9	.3	.5	.3	2.3						55	55		
56/ 55				2.0	.6	.3	.3	1.0	.4	1.1	1.4	2.7						92	92		1
54/ 53				1.9	1.0	.4	2.2	1.4	1.5	1.4	4.8	1.2						148	148	3	
52/ 51			.4	1.3	.7	1.0	.7	1.3	1.8	1.9	7.0							152	152	11	
50/ 49		.1	.4	.3	.4	1.0	.5	.5	1.5	4.2	4.9							130	130	36	1
48/ 47		.2	.1	.3	.6	1.1	.7	1.3	1.8	6.4								118	118	36	9
46/ 45				.1	1.2	.2	.6	1.0	1.5	1.6								58	58	50	24
44/ 43	.1	.1	.1	.6	.6	.6	.3	.3	2.0	.5								51	51	35	33
42/ 41			.1	.1	.3	.3	.1	.1	1.8									27	27	60	15
40/ 39			.1	.1		.2		.2	.7									13	13	79	13
38/ 37								.1										1	1	85	14
36/ 35						.1												1	1	105	11
34/ 33																				136	17
32/ 31					.1													1	1	167	37
30/ 29																				74	37
28/ 27																				34	32
26/ 25																				25	23
24/ 23																				1	23
22/ 21																					16
20/ 19																					20
18/ 17																					24
16/ 15																					24
14/ 13																					28
12/ 11																					28
10/ 9																					20
8/ 7																					21

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-80 YEARS | JUL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
67 5																					19
4/ 3																					21
2/ 1																					17
0/ -1																					21
-2/ -3																					23
-4/ -5																					25
-6/ -7																					27
-8/ -9																					57
-10/-11																					52
-12/-13																					67
-14/-15																					34
-16/-17																					33
-18/-19																					19
-20/-21																					15
-22/-23																					10
-24/-25																					5
-30/-31																					1
-32/-33																					1
TOTAL	.1	.4	1.4	7.5	6.5	5.3	6.4	8.3	14.5	18.7	19.7	7.1	3.2	.7		.1		93	938	938	938

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	986193	22937	24.5	21.335	938							
Dry Bulb	2528291	48425	51.6	5.497	938		.8	7.1	.8			744
Wet Bulb	1283758	34192	36.5	6.317	938		238.7					744
Dew Point	464530	8176	8.7	20.487	938	325.2	634.5					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | HAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-80 YEARS | AUG MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
64/ 63													2.0						2	2		
62/ 61													1.0						1	1		
60/ 59								1.0				2.0	2.9						6	6		
58/ 57				1.0		1.0	2.9		1.0	1.0		2.0	1.0						10	10		
56/ 55			1.0	2.0			1.0				1.0								5	9		
54/ 53				1.0		1.0	1.0	2.0	2.0	2.0	2.9								12	12		
52/ 51			1.0	1.0	1.0	1.0		3.9	1.0	4.9	5.9								20	20	4	
50/ 49					2.0	1.0	3.9	3.9	2.0	2.0									15	15		1
48/ 47					1.0	5.9	1.0	1.0	2.9										12	12	5	3
46/ 45				2.0		2.0		2.0											6	6	3	
44/ 43					2.0		1.0	2.0	1.0										6	6	3	3
42/ 41				1.0	1.0	1.0	1.0		1.0										5	5	6	
40/ 39									2.0										2	2	9	1
38/ 37																					11	1
36/ 35																					20	1
34/ 33																					14	6
32/ 31																					11	6
30/ 29																					2	1
28/ 27																					1	1
26/ 25																					5	8
24/ 23																						3
22/ 21																						10
20/ 19																						4
18/ 17																						5
16/ 15																						3
14/ 13																						2
12/ 11																						3
10/ 9																						1
8/ 7																						3
6/ 5																						5
4/ 3																						5
2/ 1																						2
0/ -1																						1
-2/ -3																						2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	AUG
STATION	STATION NAME	YEARS	MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-4/ -5																					5
-6/ -7																					6
-10/-11																					1
-12/-13																					3
-16/-17																					3
-18/-19																					1
-20/-21																					2
TOTAL			2.0	7.8	6.9	12.7	11.8	15.7	12.7	9.8	9.8	3.9	6.9						102		102
																		102		102	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	128210	3024	29.6	19.539	102							
Dry Bulb	267953	5201	51.0	5.221	102							93
Wet Bulb	143990	3793	37.2	5.469	102		15.5					93
Dew Point	52917	1507	14.8	17.421	102	21.9	78.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-80 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63													2.0					2	2		
62/ 61										1.0		2.9	3.9					8	8		
60/ 59							1.0					1.0	2.0					4	4		
58/ 57				1.0		1.0	1.0		2.0	2.0	1.0	2.0	1.0					11	11		
56/ 55		1.0	1.0	1.0	2.0	1.0	2.0	1.0	3.9	2.0	4.9	2.0						22	22		
54/ 53						1.0		4.9	2.0	2.0	2.9	2.0						15	15	2	
52/ 51				1.0			1.0	2.9	3.9	2.9	2.9							15	15	1	1
50/ 49					1.0			2.9		2.0								6	6	3	2
48/ 47				1.0	2.9		1.0	2.0										7	7	3	1
46/ 45						3.9	2.0			1.0								7	7	2	
44/ 43							1.0	1.0	1.0									3	3	5	2
42/ 41					1.0													1	1	5	2
40/ 39									1.0									1	1	21	
38/ 37																				17	
36/ 35																				22	2
34/ 33																				13	6
32/ 31																				4	2
30/ 29																				1	2
28/ 27																				2	
26/ 25																				1	3
24/ 23																					7
22/ 21																					7
20/ 19																					8
18/ 17																					4
16/ 15																					7
14/ 13																					5
12/ 11																					2
10/ 9																					2
8/ 7																					6
6/ 5																					1
4/ 3																					4
2/ 1																					1
0/ -1																					2
-2/ -3																					2

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) AUG (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-4/ -5																					5
-6/ -7																					2
-8/ -9																					3
-10/-11																					1
-12/-13																					2
-14/-15																					2
-16/-17																					2
-18/-19																					1
-20/-21																					1
-24/-25																					2
TOTAL		1.0	1.0	3.9	6.9	6.9	8.8	14.7	13.7	12.7	11.8	9.8	8.8					102	102	102	102

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	109225	2709	26.5	19.266	102							
Dry Bulb	293731	5449	53.4	5.110	102							93
Wet Bulb	151117	3891	38.1	5.156	102		7.8					93
Dew Point	50759	1419	13.9	17.559	102	22.6	78.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00091 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81												1.0	3.0					4	4		
80/ 79						3.0						2.0	2.0					7	7		
78/ 77				1.0	1.0		1.0		1.0	3.0	1.0	4.0						12	12		
76/ 75				2.0				1.0	2.0	4.0	1.0	4.0						14	14		
74/ 73						3.0	3.0	2.0	2.0	4.0	3.0	2.0						19	19		
72/ 71						1.0	2.0	4.0	2.0	4.0	1.0							14	14	3	
70/ 69					1.0	1.0	3.0	3.0	5.1	2.0								15	15	6	
68/ 67						2.0	1.0											3	3	1	1
66/ 65					1.0	3.0	3.0	1.0	1.0									9	9	1	3
64/ 63								1.0										1	1	4	1
62/ 61							1.0											1	1	7	2
60/ 59																				14	
58/ 57																				23	2
56/ 55																				15	
54/ 53																				18	3
52/ 51																				7	1
50/ 49																				3	3
48/ 47																					5
46/ 45																					5
44/ 43																					2
42/ 41																					9
40/ 39																					3
38/ 37																					8
36/ 35																					6
34/ 33																					3
32/ 31																					2
30/ 29																					3
28/ 27																					5
26/ 25																					5
24/ 23																					2
22/ 21																					9
20/ 19																					3
18/ 17																					8
16/ 15																					6
14/ 13																					3
12/ 11																					2
10/ 9																					3
8/ 7																					5
6/ 5																					5
4/ 3																					4
2/ 1																					3
-0/ -3																					3
-4/ -5																					4
-6/ -7																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-80 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-10/-11																					3
-12/-13																					4
-14/-15																					1
-16/-17																					3
TOTAL				3.0	3.0	13.1	14.1	12.1	13.1	17.2	6.1	13.1	5.1					99	99	99	99

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	93492	2580	26.1	16.368	99							
Dry Bulb	280956	5256	53.1	4.415	99							93
Wet Bulb	144777	3757	37.9	4.739	99		5.6					93
Dew Point	44764	1420	14.3	15.778	99	17.9	81.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
74/ 73													2.0						2	2		
68/ 67														1.0					1	1		
66/ 65													1.0	1.0					2	2		
64/ 63							2.0	1.0	1.0		1.0								5	5		
62/ 61						1.0			1.0	1.0	2.0	1.0	1.0						7	7		
6 / 59						1.0			1.0	2.0	4.1	1.0	4.1						13	13		
57/ 57		1.0						3.1	2.0	2.0		5.1							13	13		
5 / 55				1.0		1.0	2.0	3.1	4.1	4.1		3.1							18	18	1	1
54/ 53			1.0			1.0	3.1	4.1	3.1	2.0									14	14	1	
52/ 51							1.'		4.1	4.1									9	9	4	
50/ 49						4.1	2.0	1.0											7	7	5	1
4 / 47				1.0	1.0		2.0												4	4		
46/ 45							1.0												1	1	3	1
44/ 43																					11	4
42/ 41		1.0																	1	1	19	
4 / 39		1.0																	1	1	20	1
3 / 37																					17	1
34/ 35																					15	5
32/ 33																					2	2
3 / 31																						2
2 / 29																						7
2 / 27																						6
20/ 25																						6
2 / 23																						9
22/ 21																						6
/ 19																						4
16/ 17																						3
1 / 15																						8
14/ 13																						5
1 / 11																						1
10/ 9																						5
8/ 7																						1
6/ 5																						1
4/ 3																						2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
2/ 1																					2
0/ -1																					1
-6/ -7																					3
-8/ -9																					2
-10/-11																					2
-12/-13																					2
-14/-15																					2
TOTAL		3.1	1.0	2.0	1.0	8.2	13.3	12.2	16.3	15.3	7.1	10.2	8.2	2.0					98		98
																		98		98	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	116362	2838	29.0	18.770	98							
Dry Bulb	311571	5499	56.1	5.570	98			2.8	1.9			93
Wet Bulb	164742	3992	40.7	4.685	98							93
Dew Point	59166	1908	19.5	15.066	98	11.4	77.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
77/ 69														1.0				1	1		
68/ 67								1.0						1.0	1.0			3	3		
66/ 65														2.0				2	2		
64/ 63						1.0		2.0	1.0	1.0	3.1			1.0				9	9		
62/ 61						1.0	1.0		2.0	2.0	1.0	2.0						9	9		
6./ 59				1.0					4.1	6.1	2.0							13	13		
5?/ 57		1.0				2.0		7.1	7.1	1.0	2.0							20	20		
56/ 55				1.0		1.0	3.1	5.1	6.1	3.1	1.0							20	20	1	
54/ 53					1.1		3.1			1.0								5	5	4	1
52/ 51					1.1	2.0	1.0											4	4	3	
5./ 49					2.0													2	2	2	1
48/ 47						5.1	2.0	1.0										8	8	4	1
46/ 45																				7	3
44/ 43																				24	
42/ 41		1.1																1	1	28	2
4?/ 39					1.0													1	1	16	4
3?/ 37																				4	3
36/ 35																				4	1
34/ 33																				1	5
32/ 31																					4
3?/ 29																					11
23/ 27																					17
26/ 25																					6
24/ 23																					9
22/ 21																					8
2./ 19																					3
16/ 17																					5
14/ 13																					2
12/ 11																					3
10/ 9																					2
8/ 7																					1
6/ 5																					1
4/ 3																					2
-2/ -3																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	AUG
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-4/ -5																					1
-6/ -7																					1
TOTAL		2.0		2.0	5.1	12.2	10.2	16.3	20.4	14.3	9.2	2.0		5.1	1.0			98	98	98	98

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	133990	3276	33.4	15.886	98							
Dry Bulb	324395	5613	57.3	5.475	98			3.8				93
Wet Bulb	181340	4196	42.8	4.165	98							93
Dew Point	77408	2536	25.9	11.021	98	2.9	73.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-80 YEARS | AUG MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69													1.0					1	1		
66/ 65									1.0		1.0							2	2		
64/ 63									1.9	1.0								3	3		
62/ 61						1.0	1.0			1.9		1.9	1.0					7	7		
60/ 59				1.0		1.0		1.0	1.9	2.9		1.9						10	10		
58/ 57			1.0	1.0	1.0	1.9	1.0	1.9	3.9	2.9	1.9	1.9						19	19		
56/ 55							1.0	13.6	3.9	1.0	2.9	1.0						24	24		
54/ 53						1.9	5.8	2.9	2.9									14	14	2	
52/ 51				1.0	2.9	1.0	3.9	1.9	1.9									13	13	3	
50/ 49					1.9		1.0											3	3	4	2
48/ 47						1.9	1.0											3	3	6	1
46/ 45						1.0	1.9											3	3	7	1
44/ 43																				18	3
42/ 41					1.0													1	1	25	3
40/ 39																				19	
38/ 37																				9	4
36/ 35																				6	3
34/ 33																				4	5
32/ 31																					2
30/ 29																					11
28/ 27																					15
26/ 25																					9
24/ 23																					9
22/ 21																					5
20/ 19																					7
18/ 17																					5
16/ 15																					3
14/ 13																					1
12/ 11																					2
10/ 9																					1
8/ 7																					1
6/ 5																					4
4/ 3																					1
2/ 1																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

DJ001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-8/ -9																					1
TOTAL			1.0	2.9	6.8	9.7	16.5	21.4	17.5	9.7	5.8	6.8	1.9					103	103	103	103

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	140456	3486	33.8	14.843	103							
Dry Bulb	322317	5743	55.8	4.541	103			.9				93
Wet Bulb	182959	4319	41.9	4.264	103							93
Dew Point	78073	2600	25.2	11.044	103	.9	73.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65												1.0						1	1		
64/ 63													2.0					2	2		
62/ 61											1.0							1	1		
60/ 59										3.0	1.0							4	4		
58/ 57									1.0	1.0	1.0	2.0						5	5		
56/ 55							3.0	2.0	1.0	2.0		1.0						9	9		
54/ 53				4.0			1.0	5.0	2.0	1.0	4.0							17	17		
52/ 51			1.0		2.0	1.0	4.0	4.0	2.0	3.0	5.0							22	22		
50/ 49						3.0	2.0	2.0	2.0									9	9	4	
48/ 47				1.0	3.0	4.0		1.0	1.0									10	10	1	
46/ 45				1.0	3.0	3.0	2.0											9	9		3
44/ 43					1.0	1.0	2.0	2.0	1.0									7	7	7	1
42/ 41				1.0			1.0	1.0										3	3	13	1
40/ 39				1.0														1	1	21	
38/ 37																				19	1
36/ 35																				14	2
34/ 33																				11	2
32/ 31																				7	7
30/ 29																				2	5
28/ 27																				1	11
26/ 25																					6
24/ 23																					3
22/ 21																					10
20/ 19																					6
18/ 17																					4
16/ 15																					5
14/ 13																					6
12/ 11																					3
10/ 9																					3
8/ 7																					7
4/ 3																					1
2/ 1																					1
-2/ -3																					4
-4/ -5																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) AUG (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-6/ -7																					2
-8/ -9																					3
-10/-13																					1
TOTAL			1.0	8.0	9.0	12.0	15.0	17.0	10.0	10.0	12.0	4.0	2.0						100		100
																		100		100	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	132957	3217	32.2	17.252	100							
Dry Bulb	266430	5136	51.4	5.169	100							93
Wet Bulb	146930	3808	38.1	4.405	100		9.3					93
Dew Point	53120	1904	19.0	13.053	100	11.2	83.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	AUG
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59												1.0						1	1		
58/ 57				2.0					3.0		2.0	2.0						9	9		
56/ 55			1.0	1.0			1.0		3.0	1.0		1.0						8	8		
54/ 53				3.0			4.0	2.0	1.0		4.0							14	14		
52/ 51				1.0			1.0	3.0	3.0	2.0	9.0							19	19	4	
50/ 49					2.0	2.0		5.0			1.0							10	10	2	
48/ 47				1.0	1.0	3.0	3.0											8	8	2	3
46/ 45			1.0	1.0	3.0	2.0		3.0										10	10		2
44/ 43				3.0	1.0		3.0	2.0										9	9	5	2
42/ 41				1.0	3.0	1.0		4.0	1.0									10	10	9	1
40/ 39					1.0				1.0									2	2	12	1
38/ 37																				17	
36/ 35																				18	
34/ 33																				13	3
32/ 31																				11	8
30/ 29																				1	5
28/ 27																				4	5
26/ 25																				2	10
24/ 23																					4
22/ 21																					5
20/ 19																					4
18/ 17																					4
16/ 15																					4
14/ 13																					1
12/ 11																					4
10/ 9																					3
8/ 7																					4
6/ 5																					3
4/ 3																					2
2/ 1																					1
-2/ -3																					1
-4/ -5																					5
-6/ -7																					6
-8/ -9																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

02001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) AUG (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-10/-11																					2
-12/-13																					1
-14/-15																					1
-16/-19																					1
TOTAL			2.0	13.0	11.0	8.0	12.0	19.0	12.0	3.0	16.0	4.0						100	100	100	100

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	150791	3319	33.2	20.325	100							
Dry Bulb	250392	4978	49.8	5.112	100							93
Wet Bulb	140713	3711	37.1	5.503	100		16.7					93
Dew Point	55825	1702	17.0	16.472	100	19.9	81.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

JOOOO1 — STATION
MAUI OPTICAL SITE HI NORTH TOWER — STATION NAME
79-80 — YEARS
AUG — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73													.2					2	2		
70/ 69													.1	.1				2	2		
68/ 67								.1						.2	.1			4	4		
66/ 65									.1		.1	.1	.1	.4				7	7		
64/ 63						.1	.2	.4	.5	.2	.5		.7	.1				23	23		
62/ 61						.4	.2		.4	.7	.5	1.1	1.2					37	37		
60/ 59				.2		.6	.1	.2	.9	1.7	.9	1.1	1.4					58	58		
58/ 57		.2	.1	.7	.2	.7	.7	1.5	2.6	1.6	1.1	2.4	.2					99	99		
56/ 55		.1	.4	1.0	.2	.4	1.6	3.2	3.0	2.1	1.4	1.5						120	120	2	1
54/ 53			.1	1.0	.1	1.0	2.6	2.9	1.9	1.5	2.1	.5						110	110	9	1
52/ 51			.2	.5	.9	.7	1.7	2.5	2.2	2.6	3.0							116	116	22	1
50/ 49					1.2	1.4	1.5	2.2	1.1	.7	.1							67	67	24	7
48/ 47				.5	1.1	2.7	1.4	.6	.5									55	55	22	10
46/ 45			.1	.5	.9	1.9	1.2	.7	.1	.1								45	45	23	13
44/ 43				.4	.5	.1	.9	1.3	.4									26	26	77	16
42/ 41		.2		.4	.3	.2	.4	.6	.2									23	23	112	11
40/ 39		.1		.1	.2				.5									8	8	132	7
38/ 37																				127	12
36/ 35																				117	14
34/ 33																				76	32
32/ 31																				37	32
30/ 29																				8	45
28/ 27																				8	61
26/ 25																				6	53
24/ 23																					46
22/ 21																					60
20/ 19																					39
18/ 17																					40
16/ 15																					36
14/ 13																					25
12/ 11																					20
10/ 9																					20
8/ 7																					29
6/ 5																					21

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00301 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-80 YEARS | AUG MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
4/ 3																						21
2/ 1																						13
0/ -1																						4
-2/ -3																						13
-4/ -5																						22
-6/ -7																						21
-8/ -9																						13
-10/-11																						9
-12/-13																						13
-14/-15																						6
-16/-17																						8
-18/-19																						7
-20/-21																						3
-24/-25																						2
TOTAL		.7	1.0	5.4	6.2	10.3	12.7	16.1	14.5	11.9	9.7	6.7	4.1	.9	.1				802	802	802	802

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1305483	24441	30.5	18.039	802							
Dry Bulb	2317745	42875	53.5	5.658	802			7.4	1.9			744
Wet Bulb	1256569	31466	39.2	5.243	802		54.7					744
Dew Point	472039	14992	18.7	15.473	802	108.9	628.9					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-80 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 51											.6							1	1		
[illegible] / 49											.6	.6						2	2		
[illegible] / 57				1.8	.6	.6			.6	2.4	1.2	2.9						17	17		
[illegible] / 55				.6	1.2			.6	1.2	1.8	1.8	.6						13	13		
[illegible] / 53			.6		1.2	2.4		.6	1.2	2.4	2.9							19	19		
[illegible] / 51		.5	1.2	.6	2.9	2.4	1.2	2.9	1.8	1.2								25	25	3	
[illegible] / 49			1.2	2.4	2.9	4.1	.6		.6	.6								21	21	5	1
[illegible] / 47				1.2		.6	1.2	1.2	.6									6	8	5	3
[illegible] / 45		1.8	1.2			.6		2.4	1.8									13	13	8	3
[illegible] / 43			.6			1.2		1.2										5	5	22	4
[illegible] / 41				1.8	1.8		.6											7	7	13	8
[illegible] / 39						2.4	5.9	1.2	.6									17	17	17	4
[illegible] / 37				.6	.6	.6	3.5	.6										13	10	17	10
[illegible] / 35					.6	1.2	1.2	.6										6	6	19	8
[illegible] / 33				1.2			.6											3	3	12	3
[illegible] / 31				.6			.6											2	2	8	10
[illegible] / 29																				14	3
[illegible] / 27					.6													1	1	10	1
[illegible] / 25																				10	5
[illegible] / 23																				4	7
[illegible] / 21																				2	7
[illegible] / 19																				1	8
[illegible] / 17																					3
[illegible] / 15																					10
14 / 13																					6
[illegible] / 11																					6
[illegible] / 9																					6
[illegible] / 7																					11
[illegible] / 5																					8
[illegible] / 3																					7
[illegible] / 1																					3
[illegible] / -1																					2
[illegible] / -3																					8
[illegible] / -5																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) SEP (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-6/ -7																					4
-8/ -9																					1
-10/-11																					2
-12/-13																					2
-16/-19																					1
-20/-21																					2
TOTAL		2.4	4.7	10.6	12.4	15.9	15.3	11.2	8.2	8.2	7.1	4.1						170	170	170	170

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	314001	6297	37.0	21.859	170							
Dry Bulb	401298	8166	48.0	7.314	170		1.6					90
Wet Bulb	236701	6225	36.6	7.198	170		25.9					93
Dew Point	106503	3191	18.8	16.606	170	13.2	66.7					91

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	SEP
STATION	STATION NAME	YEARS	MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
69/ 67														.6				1	1		
64/ 63											1.2	.6	2.9	2.9				13	13		
62/ 61									.6			1.2	.6					4	4		
6 / 59					1.2		2.3	.6	1.8	1.8								13	13		
58/ 57			.6	1.2	2.9	2.9	.6	1.8	2.9	.6		.6						24	24		
56/ 5		.6	1.2	1.2	1.8	1.2		.6		1.9	.6	1.2						17	17		
54/				1.2	1.8					1.2	1.2							9	9	2	
52/					.6		1.2		.6									4	4	6	1
5 / 49			.6	1.2	1.2	1.2	.6	1.2			.6							11	11	13	4
4 / 47				1.2	.6		1.2	.6	1.2									8	8	9	1
46/ 45		1.2	.6		.6		.6		.6									6	6	11	2
44/ 43			1.2	.6	2.3	2.9	1.2	.6										15	15	15	9
42/ 41		.6		1.2		1.2	2.9											10	10	22	10
4 / 39						.6	4.7	.6	.6									11	11	10	8
38/ 37	.6	1.2			2.3	3.5	.6	1.2										16	16	12	6
36/ 35						1.2	1.2											4	4	18	7
34/ 33			.6		.6		.6											3	3	8	6
32/ 31		.6	.6															2	2	9	7
3 / 29																				13	4
28/ 27																				13	7
26/ 25																				8	6
24/ 23																				3	6
22/ 21																				1	5
20/ 19																					7
18/ 17																					7
16/ 15																					8
14/ 13																					9
12/ 11																					3
10/ 9																					2
8/ 7																					15
6/ 5																					5
4/ 3																					2
2/ 1																					3
0/ -1																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-2/ -3																					2
-4/ -5																					1
-6/ -7																					4
-8/ -9																					1
-10/-11																					4
-12/-13																					1
-14/-15																					2
-22/-23																					1
-28/-29																					1
TOTAL	.6	4.1	5.3	7.6	15.8	14.6	17.5	7.0	8.2	5.3	3.5	3.9	3.5	3.9					171		171
																		171		171	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	348834	6696	39.2	22.574	171							
Dry Bulb	441268	8548	50.0	9.064	171		1.1	.5				90
Wet Bulb	262789	6571	38.4	7.778	171		23.7					90
Dew Point	127661	3656	21.4	17.063	171	11.1	61.6					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	SEP
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
64/ 63											.6		.6					2	2		
62/ 61						.6				.6			.6					3	3		
60/ 59					.6	1.2	.6			.6	.6	1.2						8	8		
58/ 57				1.2	2.4	.6		.6	1.2	.6	2.4	4.8						23	23		
56/ 55		.6	1.2	.6	1.8	1.2		1.8		.6	1.8	1.2						18	18		
54/ 53					3.0	2.4	1.2	1.2	1.2	1.2	.6							18	18	1	
52/ 51		.6		2.4	1.2	1.2	.6	1.2	1.2									14	14	6	1
50/ 49			.6	1.2	1.2		.6	1.2	.6	.6								10	10	7	2
48/ 47				2.4	.6		1.2	.6	1.8									11	11	9	3
46/ 45			.6		1.2	1.8	.6	.6	1.2									10	10	14	5
44/ 43				.6		1.8	.6	1.2	.6									8	9	15	2
42/ 41				.6	.6	1.2	2.4	1.8										11	11	10	9
40/ 39						1.2	5.4		.6									12	12	10	5
38/ 37					3.0	1.8	1.2	.6										11	11	21	10
36/ 35						1.8												3	3	19	7
34/ 33			.6	.6	.6		.6											4	4	7	3
32/ 31			.6			.6												2	2	9	5
30/ 29																				17	5
28/ 27																				16	1
26/ 25																				7	8
24/ 23																				1	9
22/ 21																				1	3
20/ 19																					7
18/ 17																					6
16/ 15																					9
14/ 13																					6
12/ 11																					7
10/ 9																					3
8/ 7																					13
6/ 5																					5
4/ 3																					11
2/ 1																					7
0/ -1																					4
-2/ -3																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

22001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	SEP
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-9/ -5																					3
-5/ -9																					3
-14/-15																					1
-21/-21																					1
TOTAL		1.2	3.6	9.5	16.1	17.3	14.9	10.7	8.3	4.2	6.5	7.1	1.2					168	168	168	168

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	297778	6206	36.9	20.257	168							
Dry Bulb	416060	8276	49.3	7.880	168		1.1					90
Wet Bulb	246277	6309	37.5	7.602	168		27.3					90
Dew Point	111442	3392	20.2	21.038	168	8.6	64.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) SEP (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67													1.1					2	2		
66/ 65										.5	.6	.6		1.1				5	5		
64/ 63							1.1			1.1		2.3						8	8		
62/ 61					1.1	1.1	2.9	1.1	.6	.6	1.1	2.3						19	19		
60/ 59				1.1	.6	.6	2.9	2.3			2.3	1.7						20	20		
58/ 57				2.3	1.7	1.1	2.3	.6	.6	.6								16	16		
56/ 55				2.3	3.4	5.1	2.9	2.3		.6	.6							30	30		
54/ 53				2.3				.6										5	5	6	
52/ 51					.5	1.1	.6	.6	1.1	.6								8	8	9	
50/ 49				.6		2.3	1.1	.6	1.1	1.7								13	13	18	1
48/ 47				.6	1.1			.6	2.3									8	8	21	6
46/ 45				.6	.6	.6	1.1	1.1	.6									8	8	16	7
44/ 43					.5	2.3	1.7	2.3	1.7									15	15	11	14
42/ 41						1.1	1.7	3.4										11	11	18	6
40/ 39			.6	.6	.6													3	3	18	8
38/ 37						.6		.6										2	2	7	11
36/ 35					.5													1	1	7	6
34/ 33					.6													1	1	12	8
32/ 31																				11	9
30/ 29																				14	8
28/ 27																				5	5
26/ 25																				1	8
24/ 23																				1	3
22/ 21																					3
20/ 19																					5
18/ 17																					5
16/ 15																					6
14/ 13																					9
12/ 11																					12
10/ 9																					5
8/ 7																					7
6/ 5																					8
4/ 3																					6
/ 1																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93301	MAUI OPTICAL SITE HI NORTH TOWER	79-80	SEP
STATION	STATION NAME	YEARS	MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
0/ -1																					1
-2/ -3																					2
-4/ -5																					1
-8/ -9																					1
-12/-13																					1
-14/-15																					1
TOTAL			.6	10.3	11.4	16.0	18.3	16.0	8.0	5.7	4.9	6.9	1.1	1.1				175	175	175	175

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	302735	6561	37.5	18.060	175							
Dry Bulb	511442	9366	53.5	7.647	175			1.0				90
Wet Bulb	305932	7200	41.1	7.468	175		16.5					90
Dew Point	150311	4397	25.1	15.133	175	3.6	55.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

20001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) SEP (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67											.6							1	1		
66/ 65						.6		.6				.6		.6				4	4		
64/ 63					.6		.6	2.3	1.2		.6	.6	.6					11	11		
62/ 61					1.2	2.3	2.9	1.2	3.5	3.5	1.2	1.2						29	29		
60/ 59				2.9	2.3	2.9	.6	1.7	1.2	1.7	.6	.6						25	25		
58/ 57				1.2	5.2	1.2	1.2	1.7		.6								19	19	1	
56/ 55				1.2	2.3	.6		2.3										11	11	2	
54/ 53			.6	2.3	.6		.6	.6	.6	.6								10	10	7	
52/ 51			1.2			.6	1.7	.6	1.2	1.2								11	11	19	2
50/ 49				.6	1.2	1.2	.6		1.7		.6							10	10	26	1
48/ 47					1.2	.6	.6	1.2	2.3									10	10	18	7
46/ 45					.6	.6	.6	1.2	2.3									9	9	12	16
44/ 43					1.2	.6	.6	1.2	1.2									8	8	10	15
42/ 41				.6		.6	.6	.6	.6									5	5	14	12
40/ 39			.6		.6	.6		1.2										5	5	11	6
38/ 37					.6	.6												2	2	10	5
36/ 35					1.2													2	2	6	7
34/ 33																				9	7
32/ 31																				11	3
30/ 29																				10	6
28/ 27																				3	13
26/ 25																				3	10
24/ 23																					5
22/ 21																					5
20/ 19																					4
18/ 17																					4
16/ 15																					6
14/ 13																					4
12/ 11																					6
10/ 9																					3
8/ 7																					6
6/ 5																					2
4/ 3																					2
2/ 1																					5

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-80 YEARS | SEP MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
0/ -1																					3
-4/ -5																					2
-8/ -9																					2
-12/-13																					1
-14/-15																					1
-16/-17																					1
TOTAL			2.3	8.7	18.6	12.8	10.5	16.3	15.7	7.6	3.5	2.9	.6	.6				172	172	172	172

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	334364	6876	40.0	18.651	172							
Dry Bulb	522999	9397	54.6	7.495	172			.5				90
Wet Bulb	323922	7342	42.7	7.844	172		14.1					90
Dew Point	177037	4793	27.9	15.945	172	5.2	49.2					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

03001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	SEP
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
64/ 63							1.7		.6	1.1		.6	.6					8	8		
62/ 61							1.1	.6	1.1		1.7	.6						9	9		
60/ 59				1.1	2.3	1.7	.6	2.9	1.7	2.9	1.7	1.1						29	29		
58/ 57				2.3	3.4	4.0	1.1	.6	2.9	.6	.6							27	27		
56/ 55				1.7	2.3	3.4	1.7	.6	1.7	1.1								22	22		
54/ 53			.6	1.1	1.7	1.7	1.1	.6			.6							13	13	2	
52/ 51			.6		.6	.6	1.1	1.7	2.3	.6								13	13	13	
50/ 49			.6			1.1		.6	.6									5	5	18	1
48/ 47			.6	.6	.6		1.1	2.3	1.1									11	11	19	5
46/ 45				1.1	1.7	1.1		1.1	1.1									11	11	19	11
44/ 43					.6		.6	2.9	1.1									9	9	15	7
42/ 41				.6	1.1	.6	3.4	.6										11	11	18	16
40/ 39					.6	.6												2	2	12	7
38/ 37						.6		1.1										3	3	13	6
36/ 35					.6													1	1	8	10
34/ 33																				14	10
32/ 31					.6													1	1	9	5
30/ 29																				12	11
28/ 27																				4	4
26/ 25																					11
24/ 23																				3	5
22/ 21																					5
20/ 19																					5
18/ 17																					7
16/ 15																					4
14/ 13																					10
12/ 11																					6
10/ 9																					7
8/ 7																					4
6/ 5																					3
4/ 3																					4
2/ 1																					2
0/ -1																					2
-2/ -3																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-4/ -5																					2
-14/-15																					1
-15/-17																					1
TOTAL			2.3	8.6	16.5	15.4	13.7	15.4	14.3	6.3	4.6	2.3	.6						175		175
																		175		175	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	324433	6859	39.2	17.926	175							
Dry Bulb	503978	9312	53.3	6.978	175		.5					90
Wet Bulb	308854	7242	41.4	7.255	175		14.4					90
Dew Point	159230	4618	26.4	14.655	175	4.1	52.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	SEP
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — HOURS (L. S. T.): 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
62/ 61							.6					1.2							3	3		
60/ 59						.6	.6				.6		1.2						5	5		
58/ 57							.6			.6	1.2	1.7							7	7		
56/ 55				2.9	1.2	1.2	2.3	1.7	1.2	2.3	2.3	1.7							29	29		
54/ 53				1.7	2.3	3.5		2.3	2.3	2.9	.6								27	27		
52/ 51				.6	4.1	5.2	2.9	1.2	.6	.6									26	26	1	
50/ 49			.6			1.7	1.7	.6	2.3	.6									13	13	7	
48/ 47				.6		.6	1.2	.6	1.7	.6									9	9	8	1
46/ 45				.6	.6	1.2	1.2	1.2	.6										9	9	12	2
44/ 43				1.2			.6	2.3											7	7	14	5
42/ 41				.6		1.7	.6	1.7	.6										9	9	13	6
40/ 39			.6			.6	4.1												9	9	22	8
38/ 37		1.7				.6	2.9												9	9	21	3
36/ 35				.6			1.2	.6											4	4	24	12
34/ 33		1.2					1.2	.6											5	5	8	9
32/ 31						.6													1	1	17	5
30/ 29																					4	11
28/ 27																					12	6
26/ 25																					4	6
24/ 23																					3	9
22/ 21																					4	3
20/ 19																						3
18/ 17																						7
16/ 15																						7
14/ 13																						6
12/ 11																						3
10/ 9																						10
8/ 7																						10
6/ 5																						7
4/ 3																						6
2/ 1																						4
0/ -1																						5
-2/ -3																						4
-4/ -5																						5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
-6/-7																					2
-8/-9																					1
-10/-11																					1
-12/-13																					1
-16/-17																					1
-18/-19																					1
-22/-23																					1
-28/-29																					1
TOTAL		2.9	1.2	8.7	8.1	17.4	21.5	12.8	9.3	7.6	4.7	4.7	1.2					172	172	172	172

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	28/339	6120	35.6	20.171	172							
Dry Bulb	427678	8490	49.4	7.095	172		.5					90
Wet Bulb	248147	6427	37.4	6.837	172		23.0					90
Dew Point	108472	3322	19.3	16.097	172	12.5	65.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	SEP
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — HOURS (L. S. T.) 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59					.6		.6	.6				.6	.6					5	5		
58/ 57						.6	.6		1.2	.6		1.8						8	8		
56/ 55				1.2	1.2			1.2	1.2		.6	3.0						14	14		
54/ 53				.6	1.2	2.4	1.2		4.2	3.0	2.4							25	25		
52/ 51				3.0	2.4	1.8	1.8	3.0	3.0	1.2								27	27	1	
50/ 49			.6	1.2	1.8	1.2	2.4	3.0		.6								18	18	4	
48/ 47			.6	.6		2.4	.6	.6	2.4	1.8								15	15	4	
46/ 45			2.4			.6	.6	1.8										9	9	11	2
44/ 43				1.2				2.4	.6									7	7	15	4
42/ 41				.6		1.2	1.8	.6										7	7	13	4
40/ 39						1.2	3.6	.6										9	9	13	8
38/ 37				1.2	1.2	.6	3.0	.6										11	11	25	8
36/ 35						.6	1.8	1.2										6	6	18	4
34/ 33						.6	1.2											3	3	11	8
32/ 31		.6					.6											2	2	14	2
30/ 29					.6													1	1	12	7
28/ 27																				12	7
26/ 25				.6														1	1	5	6
24/ 23																				4	5
22/ 21																				4	8
20/ 19																				2	6
18/ 17																					6
16/ 15																					10
14/ 13																					4
12/ 11																					5
10/ 9																					9
8/ 7																					7
6/ 5																					10
4/ 3																					6
2/ 1																					4
0/ -1																					4
-2/ -3																					3
-4/ -5																					3
-6/ -7																					6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-8/ -9																					5
-10/-11																					3
-14/-15																					1
-20/-21																					1
-30/-31																					2
-32/-33																					1
TOTAL		.6	3.6	10.1	8.9	13.1	19.6	15.5	12.5	7.1	3.0	5.4	.6					168	168	168	168

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	259015	5685	33.8	19.976	168							
Dry Bulb	397682	8084	48.1	7.213	168		2.1					90
Wet Bulb	226758	5360	36.1	6.993	168		28.4					90
Dew Point	94640	2304	16.7	16.925	168	15.5	69.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
68/ 67											.1		.1	.1				4	4		
66/ 65						.1		.1		.1	.1	.1		.2				9	9		
64/ 63					.1		.4	.3	.2	.3	.3	.5	.6	.4				42	42		
62/ 61					.3	.5	.9	.4	.7	.6	.6	.8	.1					68	68		
60/ 59				.7	1.0	.9	1.0	1.0	.6	.9	.8	.7	.2					107	107		
58/ 57			.1	1.2	2.0	1.4	.8	.7	1.2	.8	.7	1.5						141	141	1	
56/ 55		.1	.3	1.5	1.9	1.6	.9	1.4	.7	1.0	.9	.9						154	154	2	
54/ 53			.2	1.2	1.5	1.5	.5	.7	1.2	1.4	1.0							126	126	3	
52/ 51		.1	.4	.8	1.5	1.6	1.4	1.4	1.5	.7								128	128	60	4
50/ 49			.5	.9	1.0	1.6	.9	.9	.9	.5	.1							101	101	98	10
48/ 47			.1	.9	.9	.5	.9	.9	1.7	.3								80	80	89	26
46/ 45		.4	.6	.3	.7	.8	.6	1.2	1.0									75	75	103	48
44/ 43			.2	.4	.6	1.1	.7	1.8	.7									74	74	117	60
42/ 41		.1		.7	.4	.9	1.8	1.1	.1									71	71	121	71
40/ 39			.2	.1	.2	.9	2.9	.4	.2									68	68	113	54
38/ 37	.1	.4		.2	.9	1.1	1.4	.6										64	64	126	59
36/ 35				.1	.4	.6	.7	.3										27	27	119	61
34/ 33		.1	.1	.2	.2	.1	.5	.1										19	19	75	54
32/ 31		.1	.1	.1	.1	.1	.1											10	10	86	46
30/ 29					.1													1	1	96	54
28/ 27					.1													1	1	75	44
26/ 25				.1														1	1	36	60
24/ 23																				19	49
22/ 21																				12	39
20/ 19																				3	45
18/ 17																					45
16/ 15																					60
14/ 13																					54
12/ 11																					50
10/ 9																					44
8/ 7																					73
6/ 5																					48
4/ 3																					44
2/ 1																					30

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
68/ 67											.1		.1	.1				4	4		
66/ 65						.1		.1		.1	.1	.1		.2				9	9		
64/ 63					.1		.4	.3	.2	.3	.3	.5	.6	.4				42	42		
62/ 61					.3	.5	.9	.4	.7	.8	.6	.8	.1					68	68		
60/ 59				.7	1.0	.9	1.0	1.0	.6	.9	.8	.7	.2					107	107		
58/ 57			.1	1.2	2.2	1.4	.8	.7	1.2	.8	.7	1.5						141	141	1	
56/ 55		.1	.3	1.5	1.9	1.6	.9	1.4	.7	1.0	.9	.9						154	154	2	
54/ 53			.2	1.2	1.5	1.5	.5	.7	1.2	1.4	1.0							126	126	3	
52/ 51		.1	.4	.8	1.5	1.6	1.4	1.4	1.5	.7								128	128	60	4
50/ 49			.5	.9	1.0	1.6	.9	.9	.9	.5	.1							101	101	98	10
48/ 47			.1	.9	.5	.5	.9	.9	1.7	.3								80	80	89	26
46/ 45		.4	.6	.3	.7	.8	.6	1.2	1.0									75	75	103	48
44/ 43			.2	.4	.6	1.1	.7	1.8	.7									74	74	117	60
42/ 41		.1		.7	.4	.9	1.8	1.1	.1									71	71	121	71
40/ 39			.2	.1	.2	.9	2.9	.4	.2									68	68	113	54
38/ 37	.1	.4		.2	.9	1.1	1.4	.6										64	64	126	59
36/ 35				.1	.4	.6	.7	.3										27	27	119	61
34/ 33		.1	.1	.2	.2	.1	.5	.1										19	19	75	54
32/ 31		.1	.1	.1	.1	.1	.1											10	10	88	46
30/ 29					.1													1	1	96	54
28/ 27					.1													1	1	75	44
26/ 25				.1														1	1	36	60
24/ 23																				19	49
22/ 21																				12	39
20/ 19																				3	45
18/ 17																					45
16/ 15																					60
14/ 13																					54
12/ 11																					50
10/ 9																					44
8/ 7																					73
6/ 5																					48
4/ 3																					44
2/ 1																					30

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-80 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
56/ 55					.7													1	1		
54/ 53				.7		.7			.7	1.4								5	5		
52/ 51				1.4		1.4	4.1	1.4	5.5	3.4	3.4							30	30		
50/ 49				1.4	1.4	.7	1.4	4.1	4.8	3.4	1.4							27	27	1	
48/ 47			.7	.7	1.4	1.4		1.4	2.1									11	14	2	
46/ 45			.7		1.4	2.8	1.4	.7	.7	.7								12	12	1	
44/ 43						2.1	1.4											5	5	5	3
42/ 41					1.4	7.6	1.4	2.8										19	21	8	1
40/ 39					1.4	13.8	1.4	.7										25	32	8	2
38/ 37					2.8	3.4												9	10	14	3
36/ 35						.7												1	6	17	2
34/ 33																			1	30	2
32/ 31																			2	26	1
30/ 29																				26	3
28/ 27																				6	7
26/ 25																				1	3
24/ 23																					3
22/ 21																					7
20/ 19																					11
18/ 17																					12
16/ 15																					24
14/ 13																					13
12/ 11																					5
10/ 9																					10
8/ 7																					6
6/ 5																					1
4/ 3																					6
2/ 1																					7
0/ -1																					3
-2/ -3																					4
-6/ -7																					2
-10/-11																					1
-12/-13																					1
-14/-15																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-80 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL			1.4	4.1	10.3	34.5	11.0	11.0	13.8	9.0	4.8							145	166	145	145

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	187131	4737	32.7	14.995	145							
Dry Bulb	342227	7431	45.1	5.552	166		1.1					93
Wet Bulb	172608	4958	34.2	4.624	145		37.8					93
Dew Point	54477	2253	15.5	11.628	145	8.3	84.7					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61											.7							1	1		
60/ 59									.7	.7	1.4	1.4	.7					7	7		
58/ 57									2.8	3.5	4.2	5.6						23	23		
56/ 55				.7	4.2		.7	2.1		.7		2.1						15	15		
54/ 53						.7	.7	1.4	.7	.7								6	6		
52/ 51					.7	1.4	.7		.7	1.4								7	7		
50/ 49							1.4	.7		.7	.7							5	5	3	
48/ 47			.7	2.1	.7													5	5	4	
46/ 45						.7	.7	.7	1.4									5	6	3	1
44/ 43					.7	4.2	3.5	.7										13	14	8	2
42/ 41						14.8		.7										22	29	12	5
40/ 39						15.5	.7											23	35	11	
38/ 37					2.1	1.4												5	7	16	3
36/ 35					3.5													5	5	10	3
34/ 33																				17	2
32/ 31																				33	2
30/ 29																				19	2
28/ 27																				6	4
26/ 25																					3
24/ 23																					3
22/ 21																					9
20/ 19																					13
18/ 17																					20
16/ 15																					28
14/ 13																					6
12/ 11																					6
10/ 9																					5
8/ 7																					4
6/ 5																					1
4/ 3																					7
2/ 1																					2
0/ -1																					3
-2/ -3																					2
-4/ -5																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-80 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-6/ -7																					1
-8/ -9																					1
-12/-13																					3
TOTAL			.7	2.8	12.0	38.7	8.9	6.3	6.3	7.7	7.0	9.2	.7						165		142
																		142		142	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	188237	4709	33.2	15.083	142							
Dry Bulb	371004	7722	46.8	7.657	165							93
Wet Bulb	183041	5039	35.5	5.476	142		38.0					93
Dew Point	60495	2437	17.2	11.507	142	7.2	82.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
60/ 59										1.4									2	2		
58/ 57											.7	1.4							3	3		
56/ 55					.7				2.1		.7	.7							6	6		
54/ 53				.7		.7	.7	2.1	2.8	4.2	.7								17	17		
52/ 51				2.1	.7	.7	2.1	2.1	2.1	4.9	2.1								24	25		
50/ 49				2.8	.7	2.1		1.4	2.1	1.4	.6								16	16		
48/ 47					.7	.7	.7		.7										4	5	2	
46/ 45					.7	.7	4.2		1.4										10	10	5	
44/ 43						5.6	4.2	1.4											16	16	5	1
42/ 41				.7	.7	9.9	2.1												19	24	6	5
40/ 39					1.4	6.3													11	21	13	2
38/ 37					2.8	5.6													12	14	14	2
36/ 35					.7	.7													2	5	18	1
34/ 33																				1	29	1
32/ 31																					28	2
30/ 29																					15	4
28/ 27																					6	3
26/ 25																					1	5
24/ 23																						6
22/ 21																						11
20/ 19																						16
18/ 17																						10
16/ 15																						22
14/ 13																						10
12/ 11																						7
10/ 9																						4
8/ 7																						8
6/ 5																						7
4/ 3																						6
2/ 1																						3
-2/ -3																						2
-4/ -5																						1
-6/ -7																						1
-10/ -11																						1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-12/-13																					1
TOTAL				6.3	9.2	33.1	14.1	7.0	11.3	12.0	4.9	2.1							165		142
																		142		142	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	188107	4739	33.4	14.575	142							
Dry Bulb	353272	7566	45.9	6.216	165							93
Wet Bulb	176329	4959	34.9	4.725	142		32.7					93
Dew Point	57066	2418	17.0	10.618	142	3.9	85.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-80 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61								.7			.7							2	2		
60/ 59							.7	1.4	1.4	4.9	2.8							16	16		
58/ 57							1.4	.7	4.2	2.1	4.2	.7						19	19		
56/ 55				.7		1.4	1.4	2.1	2.1	2.8	2.1							18	18		
54/ 53				1.4	.7	1.4	.7	1.4										8	8		
52/ 51			.7	2.1	1.4				.7	1.4								9	10		
50/ 49			1.4				2.1		.7									6	7	2	
48/ 47				.7		2.8	4.9			.7								13	15	7	
46/ 45					.7	2.1	9.2											17	21	12	1
44/ 43					2.8	5.6	2.1											15	18	9	6
42/ 41					1.4	4.2	1.4											10	14	21	2
40/ 39					1.4	2.8	.7											7	11	14	1
38/ 37					.7													1	4	16	3
36/ 35																				22	4
34/ 33					.7													1	1	23	5
32/ 31																				9	3
30/ 29																				6	3
28/ 27																				1	4
26/ 25																					9
24/ 23																					18
22/ 21																					14
20/ 19																					22
18/ 17																					10
16/ 15																					11
14/ 13																					11
12/ 11																					2
10/ 9																					2
8/ 7																					3
6/ 5																					3
4/ 3																					2
0/ -1																					2
-4/ -5																					1
TOTAL			2.1	4.9	9.9	20.4	24.6	6.3	9.2	12.0	9.9	.7						142	164	142	142

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	209122	5026	35.4	14.882	142							93
Dry Bulb	409320	8116	49.5	6.863	164							93
Wet Bulb	211159	5429	38.2	5.050	142		10.9					93
Dew Point	81670	3116	21.9	9.710	142	2.0	78.8					93

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-80 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69												.7						1	1		
68/ 67										.7	.7							2	2		
62/ 61								.7	.7	.7	.7	.7						5	5		
60/ 59							.7		2.8	1.4	2.8							11	11		
58/ 57				.7	1.4	1.4	1.4	1.4	4.2	2.8	2.8							23	23		
56/ 55				1.4	2.8	2.8	1.4	4.9		2.8	.7							24	24		
54/ 53				1.4	.7	1.4	.7	2.1	2.8									13	13		
52/ 51			1.4	2.1			.7	1.4	1.4									10	10	3	
50/ 49							2.1	2.8	1.4	.7								10	13	6	
48/ 47			.7			1.4	4.9		.7									11	17	13	1
46/ 45						5.6	7.7											19	22	11	4
44/ 43						6.3												9	12	14	4
42/ 41					.7	.7	.7											3	6	16	5
40/ 39					.7		.7											2	3	17	5
38/ 37																			3	18	4
36/ 35																			1	24	5
34/ 33																				16	4
32/ 31																				4	
30/ 29																				1	8
28/ 27																					4
26/ 25																					11
24/ 23																					16
22/ 21																					23
20/ 19																					13
18/ 17																					7
16/ 15																					9
14/ 13																					7
12/ 11																					5
8/ 7																					5
4/ 3																					2
-2/ -3																					1
TOTAL			2.1	5.6	6.3	19.6	21.0	13.3	14.0	9.1	7.7	1.4						143	166		143
																		143		143	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	217028	5148	36.0	14.941	143							
Dry Bulb	445531	8533	51.4	6.469	166			1.7				93
Wet Bulb	233299	5729	40.1	5.158	143		3.3					93
Dew Point	99419	3485	24.4	10.099	143	.7	72.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) OCT (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
60/ 59								.7	1.4	.7	1.4							6	8		
58/ 57							.7		2.1		1.4							6	8		
56/ 55					2.1	1.4	3.5	2.1	1.4	.7	.7	.7						18	18		
54/ 53				1.4	1.4	1.4	2.8	4.9		4.9	.7							25	25		
52/ 51			1.4	2.1	1.4	.7	1.4	2.1	3.5	.7								19	19		
50/ 49			1.4	1.4	.7		.7		2.1									9	11		
48/ 47			.7				5.6	2.1	.7									13	18	8	
46/ 45			.7		.7	4.9	7.0	2.1										22	24	15	
44/ 43			.7			5.6	2.8											13	18	13	6
42/ 41						4.2	1.4	.7										9	14	15	5
40/ 39						1.4												2	7	9	5
38/ 37					.7													1	1	16	6
36/ 35																				28	5
34/ 33																				24	4
32/ 31																				9	3
30/ 29																				5	5
28/ 27																				1	5
26/ 25																					3
24/ 23																					9
22/ 21																					23
20/ 19																					11
18/ 17																					12
16/ 15																					11
14/ 13																					3
12/ 11																					11
10/ 9																					4
8/ 7																					3
6/ 5																					4
4/ 3																					2
-2/ -3																					1
-4/ -5																					1
-6/ -7																					1
TOTAL			4.9	4.9	7.0	19.8	25.9	14.7	11.2	7.0	4.2	.7						143	165		143
																				143	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	235397	5315	37.2	16.320	143							
Dry Bulb	401706	8092	49.0	5.441	165							93
Wet Bulb	212382	5464	38.2	5.038	143		9.8					93
Dew Point	90038	3228	22.6	10.996	143	2.0	72.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	OCT
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
56/ 55				.7							.7							2	2		
54/ 53				2.8		1.4		2.1	1.4	.7	2.8							16	16		
52/ 51				2.1	.7	.7	2.1	2.1	1.4	5.5	1.4							23	23		
50/ 49			.7	5.5	.7		2.8	1.4	3.4	3.4	.7							27	27	2	
48/ 47					1.4			2.1	2.8									9	9	5	
46/ 45				.7		.7	.7	.7	.7									5	5	8	1
44/ 43			.7		1.4	2.1	5.5											14	15	6	3
42/ 41					.7	11.0	7.6	.7										29	33	4	4
40/ 39					1.4	6.2	.7	.7										13	16	12	8
38/ 37					1.4	2.1	.7											5	11	6	3
36/ 35					.7													1	4	12	3
34/ 33																			3	30	3
32/ 31																			1	37	
30/ 29																				19	1
28/ 27																				3	3
26/ 25																				1	5
24/ 23																					3
22/ 21																					6
20/ 19																					10
18/ 17																					18
16/ 15																					17
14/ 13																					11
12/ 11																					7
10/ 9																					9
8/ 7																					5
6/ 5																					3
4/ 3																					6
2/ 1																					5
0/ -1																					2
-2/ -3																					2
-4/ -5																					3
-6/ -7																					1
-10/-11																					1
-12/-13																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	> 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-80 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL			1.4	11.7	8.3	24.1	20.0	9.7	9.7	9.7	5.5							145	165	145	145

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	224775	5125	35.3	17.407	145							
Dry Bulb	346892	7506	45.5	5.758	165		.6					93
Wet Bulb	182996	5092	35.1	5.387	145		38.5					93
Dew Point	68561	2553	17.6	12.805	145	7.1	77.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) HAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55				.7														1	1		
54/ 53				1.4		.7		.7	2.1	1.4	2.1							12	12		
52/ 51			.7	1.4	.7		2.8	2.1	5.5	4.8	2.1							29	29		
50/ 49				5.5	2.1	2.1	1.4	1.4	2.8	2.8	.7							27	27	1	
48/ 47			.7	1.4			.7		.7	.7								6	7	9	
46/ 45	.7					1.4		1.4										5	5	4	2
44/ 43						1.4	4.1	1.4										10	10	8	2
42/ 41					.7	8.3	8.3	1.4										27	29	6	4
40/ 39						9.7	1.4	.7										17	23	6	5
38/ 37					3.4	2.1												8	9	11	6
36/ 35					1.4	.7												3	8	15	2
34/ 33																			2	22	2
32/ 31																				37	1
30/ 29																			1	20	2
28/ 27																				9	3
26/ 25																					2
24/ 23																					3
22/ 21																					4
20/ 19																					8
18/ 17																					11
16/ 15																					20
14/ 13																					20
12/ 11																					10
10/ 9																					6
8/ 7																					9
6/ 5																					1
4/ 3																					6
2/ 1																					3
0/ -1																					4
-2/ -3																					2
-4/ -5																					1
-6/ -7																					2
-8/ -9																					2
-10/ -11																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC 2649

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-80 YEARS | OCT MONTH

PAGE 2 | 2100-2300 HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-12/-13																					1
TOTAL	.7		1.4	10.3	8.3	26.2	16.6	9.0	11.0	9.7	4.8								163		145
																		145		145	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	218377	5023	34.6	17.554	145							
Dry Bulb	339045	7373	45.2	5.848	163		.8					93
Wet Bulb	178842	5034	34.7	5.320	145		42.3					93
Dew Point	64369	2435	16.8	12.687	145	8.3	78.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69												.1						1	1		
68/ 67										.1	.1							2	2		
62/ 61								.2	.1	.1	.3	.1						8	8		
60/ 59							.2	.3	.8	1.1	1.0	.2	.1					42	42		
58/ 57				.1	.2	.2	.4	.3	1.7	1.6	1.7	1.0						74	74		
56/ 55				.5	1.3	.7	.9	1.4	.7	.9	.8	.4						85	85		
54/ 53				1.2	.3	1.0	.7	1.8	1.3	1.7	.8							102	102		
52/ 51			.5	1.7	.7	.6	1.7	1.4	2.6	2.8	1.1							151	153	3	
50/ 49			.5	2.1	.7	.6	1.3	1.5	2.2	1.6	.5							127	133	15	
48/ 47			.4	.6	.5	.8	2.1	.7	1.0	.2								72	88	46	1
46/ 45	.1		.2	.1	.4	2.4	3.8	.7	.5	.1								95	105	59	9
44/ 43			.1		.6	4.1	3.0	.4										95	108	69	27
42/ 41				.1	.7	7.6	2.9	.8										138	170	88	31
40/ 39					.8	7.0	.7	.3										100	148	90	28
38/ 37					1.7	1.8	.1											42	59	111	30
36/ 35					.8	.3												12	29	146	25
34/ 33					.1													1	8	191	23
32/ 31																			3	183	12
30/ 29																			1	111	28
28/ 27																				32	33
26/ 25																				3	41
24/ 23																					61
22/ 21																					97
20/ 19																					104
18/ 17																					100
16/ 15																					142
14/ 13																					81
12/ 11																					53
10/ 9																					40
8/ 7																					4
6/ 5																					20
4/ 3																					37
2/ 1																					20
0/ -1																					14

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-2/ -3																					14
-4/ -5																					8
-6/ -7																					8
-8/ -9																					3
-10/-11																					4
-12/-13																					8
-14/-15																					2
TOTAL	.1		1.7	6.4	8.9	27.0	18.0	9.7	10.8	9.5	6.1	1.7	.1					1147	1319	1147	1147

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1668174	39822	34.7	15.787	1147							
Dry Bulb	3008997	62389	47.3	6.633	1319		2.3	1.7				744
Wet Bulb	1550656	41704	36.4	5.473	1147		213.4					744
Dew Point	575791	21929	19.1	11.693	1147	39.6	631.1					744

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 77-79 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	C.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53										1.0	1.0							2	2		
52/ 51										2.0								2	2		
50/ 49									1.0	10.2								11	11		
48/ 47						1.0	1.0	1.0	7.1	3.1								13	15		
46/ 45		1.0				5.1	1.0	2.0	10.2									19	20		
44/ 43				1.0	2.0		2.0	4.1	5.1									14	14	1	
42/ 41			2.0	4.1	2.0	1.0		4.1	1.0									14	15		1
40/ 39				5.1				6.1	1.0									12	14		
38/ 37		1.0		1.0	1.0		1.0	2.0										8	10		
36/ 35		1.0	1.0	2.0			1.0											5	10	1	
34/ 33																			1	1	2
32/ 31																				3	3
30/ 29																				1	3
28/ 27																					5
26/ 25																				8	6
24/ 23																					2
22/ 21																					1
20/ 19																					
18/ 17																					2
16/ 15																					2
12/ 11																					2
8/ 7																					2
6/ 5																					7
4/ 3																					9
2/ 1																					14
0/ -1																					8
-2/ -3																					6
-4/ -5																					6
-6/ -7																					4
-8/ -9																					1
-10/-11																					2
-12/-13																					2
-18/-19																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL		3.1	3.1	13.3	5.1	7.1	6.1	19.4	25.5	16.3	1.0							98	113	98	98

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	125620	2834	28.9	21.217	98							90
Dry Bulb	214354	4894	43.3	4.625	113							90
Wet Bulb	99494	3104	31.7	3.467	98		55.1					90
Dew Point	25537	869	8.8	13.585	98	27.6	87.2					90

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	21 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
50/ 49										11.1								11	11		
48/ 47									7.1	7.1								14	14		
46/ 45					1.0	1.0	3.0	1.0	15.2									21	24		
44/ 43					2.0	2.0	2.0	5.1	5.1									16	16		
42/ 41			1.0	3.0	3.0	3.0	2.0	5.1	4.0									21	21		
40/ 39		1.0	3.0	2.0	1.0			1.0										8	10		
38/ 37		2.0	1.0	1.0			2.0											6	11	6	
36/ 35							1.0	1.0										2	10	11	1
34/ 33																				17	4
32/ 31																				20	2
30/ 29																				17	4
28/ 27																				14	5
26/ 25																				3	4
24/ 23																				2	1
22/ 21																					3
20/ 19																					2
18/ 17																					1
16/ 15																					4
14/ 11																					2
10/ 9																					3
8/ 7																					2
6/ 5																					6
4/ 3																					9
2/ 1																					10
0/ -1																					10
-2/ -3																					5
-4/ -5																					4
-6/ -7																					3
-8/ -9																					1
-10/-11																					5
-12/-13																					4
-14/-15																					1
-16/-17																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) NOV (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL		3.0	5.1	6.1	7.1	6.1	10.1	13.1	31.3	18.2								99	117	99	99

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	122378	2748	27.8	21.688	99							
Dry Bulb	219612	5046	43.1	4.139	117							90
Wet Bulb	98668	3119	31.4	3.146	99		59.1					90
Dew Point	25127	727	7.3	14.210	99	32.7	85.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 77-79 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
56/ 55											1.0							1	1		
52/ 51									1.0	7.1	4.0							12	12		
50/ 49									2.0	5.1	1.0							8	9		
48/ 47								1.0	8.2	1.0								10	10		
46/ 45						4.0	1.0	1.0	11.1	2.0								19	21		
44/ 43				1.0	1.0	2.0		8.1	2.0	1.0								15	15		
42/ 41		1.0	2.0		3.0	2.0		3.0	4.0									15	17		
40/ 39			2.0	2.0	2.0				2.0									8	11	1	
38/ 37	1.0	1.0	1.0	1.0	2.0			1.0										7	11	4	2
36/ 35			1.0				1.0											2	6	14	
34/ 33					1.0	1.0												2	3	29	2
32/ 31																			1	20	4
30/ 29																				19	1
28/ 27																				7	3
26/ 25																				8	4
24/ 23																				1	4
22/ 21																					4
20/ 19																					2
18/ 17																					2
16/ 15																					2
14/ 13																					3
10/ 9																					1
8/ 7																					5
6/ 5																					9
4/ 3																					9
2/ 1																					8
0/ -1																					11
-2/ -3																					4
-4/ -5																					3
-6/ -7																					2
-8/ -9																					2
-12/-13																					2
-14/-15																					1
-16/-17																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUL 74

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-18/-19																					3
-24/-25																					1
-32/-33																					1
-34/-35																					1
TOTAL	1.0	2.0	6.1	4.0	9.1	9.1	2.0	14.1	30.3	16.2	6.1							99	117	99	99

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	119233	2679	27.1	21.839	99							
Dry Bulb	225997	5109	43.7	5.003	117		.8					90
Wet Bulb	100329	3139	31.7	3.279	99		50.0					99
Dew Point	27465	653	6.6	15.372	99	30.9	86.4					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 77-79 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59											1.0	1.0						2	2		
58/ 57									1.0		4.0							5	5		
56/ 55										4.0	8.1							12	12		
54/ 53					1.0			1.0		3.0	7.1							12	14		
52/ 51							1.0		3.0	5.1	2.0							11	13		
50/ 49							1.0		6.1	1.0	1.0							9	10		
48/ 47						1.0	1.0	2.0	8.1									12	13		
46/ 45				1.0	1.0	3.0			4.0									9	12	1	
44/ 43				5.1	6.1			3.0										14	17		
42/ 41				1.0	1.0		1.0	1.0	1.0									8	10	1	
40/ 39			2.0	2.0		1.0	1.0											6	8	8	
38/ 37							1.0											1	2	16	1
36/ 35				1.0														1	1	35	
34/ 33																				19	4
32/ 31																				9	5
30/ 29																				6	1
28/ 27																				2	4
26/ 25																				2	6
24/ 23																					8
22/ 21																					1
16/ 15																					2
14/ 13																					2
12/ 11																					4
10/ 9																					9
8/ 7																					20
6/ 5																					5
4/ 3																					7
2/ 1																					7
0/ -1																					5
-2/ -3																					3
-6/ -7																					2
-8/ -9																					2
-22/-23																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 77-79 (YEARS) | NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
TOTAL			2.0	10.1	9.1	5.1	6.1	7.1	23.2	13.1	23.2	1.0						99	119	99	99

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	136883	2683	27.1	18.673	99							
Dry Bulb	28059	5740	48.2	5.620	119							90
Wet Bulb	121114	3448	34.8	3.236	99		17.3					99
Dew Point	28044	1180	11.9	11.943	99	11.8	85.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61										1.0	3.0	2.0						6	6		
60/ 59											2.0	1.0						3	3		
58/ 57									2.0	1.0	6.0							9	9		
56/ 55								1.0	2.0	6.0	8.0							17	17		
54/ 53								1.0	2.0	6.0	2.0							11	11		
52/ 51								1.0	2.0	3.0								6	7		
50/ 49						1.0	2.0		2.0									5	11		
48/ 47			1.0		1.0	1.0	1.0	1.0	3.0									8	9		
46/ 45			1.0	5.0	3.0	3.0	1.0	1.0	1.0	1.0								16	19		
44/ 43				1.0	2.0	6.0			1.0									10	12	3	
42/ 41			1.0	3.0	2.0	2.0												8	12	8	
40/ 39				1.0														1	3	17	1
38/ 37																			2	28	1
36/ 35																				24	2
34/ 33																				14	1
32/ 31																				3	7
30/ 29																				2	5
28/ 27																				1	4
26/ 25																					2
24/ 23																					7
22/ 21																					6
20/ 19																					7
18/ 17																					4
16/ 15																					4
14/ 13																					6
12/ 11																					9
10/ 9																					10
8/ 7																					11
6/ 5																					4
4/ 3																					1
2/ 1																					3
0/ -1																					3
-6/ -7																					1
-10/-11																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL			3.0	10.0	8.0	13.0	4.0	5.0	15.0	18.0	21.0	3.0						100	121	100	100

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	124164	3010	30.1	18.413	100							
Dry Bulb	304053	6019	49.7	6.222	121							90
Wet Bulb	136687	3685	36.9	3.000	100		5.4					90
Dew Point	38180	1652	16.5	10.488	100	4.5	85.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 77-79 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTA D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		ury Bulb	Wet Bulb	Dew Point
62/ 61									1.0			1.9						3	3		
60/ 59											1.0		1.0					2	2		
58/ 57									1.0		3.9	1.0						6	6		
56/ 55								1.0		2.9	1.9							6	6		
54/ 53								1.0	1.9	7.8	1.9							13	13		
52/ 51									1.9	7.8	1.9							12	12		
50/ 49					1.0		1.0		3.9	1.0								7	13		
48/ 47					2.9		1.0		5.8	1.0								11	12		
46/ 45			1.0		1.9	2.9	1.0	2.9	1.9	1.0								13	15	4	
44/ 43			1.0	1.0	1.9	3.9	1.0		1.0									10	10	1	
42/ 41				3.9	2.9	2.9												10	10	3	
40/ 39			1.0	2.9	1.0	1.0												6	13	11	
38/ 37				1.9	1.9													4	6	19	1
36/ 35																			1	29	1
34/ 33																				20	
32/ 31																				14	5
30/ 29																				5	8
28/ 27																				1	6
26/ 25																					3
24/ 23																					6
22/ 21																					4
20/ 19																					7
18/ 17																					3
16/ 15																					4
14/ 13																					3
12/ 11																					5
10/ 9																					10
8/ 7																					14
6/ 5																					10
4/ 3																					2
2/ 1																					2
0/ -1																					4
-2/ -3																					1
-4/ -5																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
-6/ -7																						1
-8/ -9																						1
-12/-13																						1
TOTAL			2.9	9.7	13.6	10.7	3.9	4.9	18.4	21.4	10.7	2.9	1.0							122		103
																			103		103	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	130063	3139	30.4	18.429	103							
Dry Bulb	282605	5823	47.7	6.217	122							90
Wet Bulb	129001	3631	35.3	3.130	103		17.5					90
Dew Point	34341	1515	14.7	10.872	103	7.9	88.3					90

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE,HI NORTH TOWER STATION NAME | 77-79 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
56/ 55											2.9							3			
54/ 53										1.0								1			
52/ 51										5.7	1.9							8			
50/ 49							1.0		3.8	8.6								14			
48/ 47								3.8	5.7	3.8								14			
46/ 45					1.0	1.9		1.9	10.5									16			
44/ 43				2.9	3.8	2.9	1.0	4.8	1.0									17			
42/ 41			1.0	1.9				3.8	1.9									9			
40/ 39			1.0	2.9	1.9	1.0	3.8	1.9	1.0									14			
38/ 37			1.9			1.9												4			
36/ 35			1.9	1.0	1.0		1.0											5			
34/ 33																					
32/ 31																					
30/ 29																					
28/ 27																					
26/ 25																					
24/ 23																					
22/ 21																					
20/ 19																					
18/ 17																					
16/ 15																					
14/ 13																					
12/ 11																					
10/ 9																					
8/ 7																					
6/ 5																					
4/ 3																					
2/ 1																					
0/ -1																					
-2/ -3																					
-4/ -5																					
-6/ -7																					
-8/ -9																					
-10/-11																					

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
-16/-17																						1
-24/-25																						1
TOTAL			5.7	8.6	7.6	7.6	6.7	16.2	23.8	19.0	4.8								105	123	105	105

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	118678	2910	27.7	19.122	105							90
Dry Bulb	244179	5445	44.3	5.072	123		49.7					90
Wet Bulb	109453	3375	32.1	3.055	105							90
Dew Point	24418	960	9.1	12.253	105	19.7	88.3					90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 77-79 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
56/ 55											1.0							1	1		
54/ 53											1.0							1	1		
52/ 51										8.6	1.0							10	10		
50/ 49					1.0			1.0		7.6								10	11		
48/ 47								4.8	5.7	3.8								15	19		
46/ 45				1.9	1.0	1.9	1.0	1.9	10.9									19	21		
44/ 43					1.0	3.8	1.0	3.8	2.9									13	13		
42/ 41			2.9	1.9	1.9	1.0	1.0	3.8	1.9									15	15	1	
40/ 39			1.9	1.9		1.0	1.9	3.8										11	15	2	
38/ 37			1.0	1.0			1.9											4	8	6	
36/ 35			1.9		1.0	1.0	1.9											6	9	13	1
34/ 33																				22	2
32/ 31																			1	25	6
30/ 29																				17	3
28/ 27																				13	3
26/ 25																				5	5
24/ 23																				1	1
22/ 21																					5
18/ 17																					2
16/ 15																					4
14/ 13																					5
12/ 11																					2
8/ 7																					3
6/ 5																					7
4/ 3																					7
2/ 1																					19
0/ -1																					10
-2/ -3																					6
-4/ -5																					3
-6/ -7																					6
-8/ -9																					1
-10/-11																					2
-14/-15																					1
-18/-19																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 77-79 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL			7.6	6.7	5.7	6.6	8.6	19.0	21.0	20.0	2.9							105	123	105	105

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	121202	2906	27.7	19.802	105							
Dry Bulb	241206	5414	44.3	4.877	123		.7					90
Wet Bulb	107738	3344	31.8	3.452	105		52.3					90
Dew Point	25222	902	8.6	12.962	105	25.7	87.4					90

USAFETAC FORM 0-26-5 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
62/ 61									.1	.1	.4	.5						9	9		
60/ 59											.5	.2	.1					7	7		
58/ 57									.5	.1	1.7	.1						20	20		
56/ 55								.2	.2	1.6	2.8							40	40		
54/ 53					.1			.4	.5	2.4	1.6							40	42		
52/ 51							.1	.1	1.0	5.0	1.4							61	64		
50/ 49					.2	.1	.6	.1	2.4	5.6	.2							75	90		
48/ 47			.1		.5	.4	.5	1.7	6.3	2.5								2	106		
46/ 45		.1	.2	1.0	1.1	2.8	1.0	1.5	8.0	.5								132	151	2	
44/ 43			.1	1.5	2.3	2.6	.4	3.6	2.2	.1								109	114	5	
42/ 41		.1	1.2	2.4	2.0	1.5	.5	2.6	1.7									97	108	13	1
40/ 39		.1	1.4	2.5	.7	.5	.9	1.8	.4									66	91	38	1
38/ 37	.1	.5	.6	.3	.6	.2	.7	.4										32	58	92	5
36/ 35		.1	.7	.5	.2	.1	.7	.1										21	44	160	5
34/ 33					.1	.1												2	7	154	17
32/ 31																			2	160	35
30/ 29																				94	32
28/ 27																				54	35
26/ 25																				31	32
24/ 23																				5	32
22/ 21																					32
20/ 19																					21
18/ 17																					17
16/ 15																					25
14/ 13																					22
12/ 11																					25
10/ 9																					35
8/ 7																					64
6/ 5																					64
4/ 3																					56
2/ 1																					72
0/ -1																					57
-2/ -3																					31
-4/ -5																					20

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-6/ -7																					23
-8/ -9																					9
-10/-11																					11
-12/-13																					9
-14/-15																					3
-16/-17																					7
-18/-19																					5
-22/-23																					1
-24/-25																					2
-32/-33																					1
-34/-35																					1
TOTAL	.1	1.0	4.5	8.5	8.2	8.4	5.9	12.4	23.5	17.8	8.7	.9	.1						955		808
																		809		808	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	968217	22905	28.3	19.879	808		1.5					720
Dry Bulb	2012604	43490	45.5	5.801	955		306.5					720
Wet Bulb	902484	26632	33.2	3.767	808							720
Dew Point	228334	8454	10.9	13.168	808	160.4	694.2					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57																			2		
56/ 55												.6						1	2		
54/ 53											.6	.6						2	10		
52/ 51									.6	2.4	1.2							7	24		
50/ 49									1.2	3.6								8	12		
48/ 47									3.6	1.2								8	18		
46/ 45			.6	.6	1.8	1.2	.6	3.0	3.6	.6								20	41		
44/ 43				3.0	2.4	3.0	5.4	3.0	3.0	.6								35	41		
42/ 41		.6		1.8	.6	1.2	3.6	3.6	1.2									21	29	3	
40/ 39		1.2		1.2	1.8	.6	1.8	2.4	3.0									20	27	4	3
38/ 37			.6	1.2		2.4	1.2	4.7										17	17	6	1
36/ 35		.6	.6			1.2	.6	1.8										8	8	15	1
34/ 33	.6	1.2	.6	.6	.6		.6											7	7	28	3
32/ 31	.6	1.8	.6	.6	.6	.6	.6											9	9	33	6
30/ 29				.6	1.2													3	3	27	7
28/ 27		.6	.6		.6													3	3	17	9
26/ 25																				17	6
24/ 23																				12	5
22/ 21																				6	3
20/ 19																				1	4
18/ 17																					6
16/ 15																					3
14/ 13																					8
12/ 11																					13
10/ 9																					5
8/ 7																					7
6/ 5																					9
4/ 3																					11
2/ 1																					4
0/ -1																					5
-2/ -3																					4
-4/ -5																					11
-6/ -7																					5
-8/ -9																					6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-10/-11																					3
-12/-13																					2
-14/-15																					3
-16/-17																					4
-18/-19																					2
-20/-21																					2
-22/-23																					1
-26/-27																					2
-28/-29																					2
-30/-31																					2
-32/-33																					1
TOTAL	1.2	5.9	3.6	9.5	9.5	10.1	14.8	18.3	15.0	8.3	1.8	1.2							253		169
																		169		169	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	282047	5503	32.6	24.744	169							
Dry Bulb	486525	10989	43.4	6.049	253		5.5					93
Wet Bulb	159884	5142	30.4	4.521	169		62.2					93
Dew Point	57448	1352	8.0	16.660	169	30.3	88.6					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 77-79 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
56/ 55																			2		
54/ 53										.6	1.8	.6						5	9		
52/ 51										1.2	1.2							4	18		
50/ 49						.6		.6		3.6								8	20		
48/ 47					.6	.6		.6	3.0	2.4								12	20		
46/ 45				.6	4.8		.6	3.6	3.6									22	34		
44/ 43				.6	3.0		.6	3.0	2.4									16	30		
42/ 41		1.2	.6	3.0	6.0	1.8	2.4	3.0	3.0									35	40	3	1
40/ 39	.6	.6	1.2	3.0	1.8	1.8	2.4	4.2	.6									27	34	7	1
38/ 37	1.8			.6	.6	1.8	.6	3.0										14	16	17	5
36/ 35				.6	1.2		.6	1.2										6	7	14	1
34/ 33	.6	.6	.6	.6		1.2	.6											7	7	25	4
32/ 31	.6	1.2			.6	.6	.6											6	6	32	6
30/ 29					.6													1	1	25	16
28/ 27				1.2	.6													3	3	13	5
26/ 25																				14	8
24/ 23																				10	5
22/ 21																				4	7
20/ 19																				2	2
18/ 17																					5
16/ 15																					2
14/ 13																					8
12/ 11																					7
10/ 9																					1
8/ 7																					8
6/ 5																					6
4/ 3																					16
2/ 1																					5
0/ -1																					1
-2/ -3																					11
-4/ -5																					4
-6/ -7																					6
-8/ -9																					5
-10/ -11																					5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1977

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

 0300-0500 (HOURS (L, S, Y.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-12/-13																					3
-14/-15																					3
-16/-17																					2
-18/-19																					3
-20/-21																					3
-22/-23																					1
TOTAL	3.6	3.6	2.4	10.2	19.9	8.4	8.4	19.3	12.7	7.8	3.0	.6						166	247	166	166

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	316560	5916	35.6	25.313	166							
Dry Bulb	473364	10726	43.4	5.553	247		3.8					93
Wet Bulb	166230	5194	31.3	4.744	166		56.0					93
Dew Point	63186	1804	10.9	16.252	166	26.3	86.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	77-79	DEC
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
56/ 55											.5							1	3		
54/ 53											2.5							4	14		
52/ 51										.6	1.3							3	10		
50/ 49						.6			1.3	1.9								6	23		
48/ 47		.6		.6		1.3	.6	1.9	1.9	3.1								16	24		
46/ 45				.6	2.5			1.3	3.8	1.3								15	24	1	
44/ 43				1.3	2.5	2.5	1.9	5.7	4.4									29	44		1
42/ 41			.6	3.1	3.1	1.9	4.4	1.3	1.3									25	33	1	
40/ 39		.6		1.9	.6	2.5	2.5	2.5	1.3									19	21	5	
38/ 37	2.5		1.3		2.5	1.3	.6	5.7										22	23	12	3
36/ 35	.6		.6	1.9	.5	.6	.6											8	11	17	3
34/ 33				.6	2.3	1.3	1.9											8	8	26	2
32/ 31						.6	.6											2	2	23	5
30/ 29	.5																	1	1	37	10
28/ 27																				13	8
26/ 25																				8	8
24/ 23																				11	1
22/ 21																				4	6
20/ 19																				1	5
18/ 17																					5
16/ 15																					8
12/ 11																					11
10/ 9																					7
8/ 7																					4
6/ 5																					7
4/ 3																					11
2/ 1																					3
0/ -1																					10
-2/ -3																					6
-4/ -5																					1
-6/ -7																					10
-8/ -9																					6
-10/-11																					1
-12/-13																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 2/64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-14/-15																					3
-16/-17																					3
-18/-19																					4
-20/-21																					1
-26/-27																					1
-32/-33																					1
TOTAL	3.8	1.3	2.5	10.1	13.2	12.6	13.2	18.2	13.8	6.9	4.4							159	241	159	159

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	258554	5246	33.0	23.258	159							
Dry Bulb	469274	10554	43.8	5.434	241		1.2					93
Wet Bulb	157037	4949	31.1	4.531	159		56.7					93
Dew Point	55185	1527	9.6	16.014	159	29.8	87.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63													.6					1	1		
62/ 61													.6					1	1		
60/ 59											.6		1.2					3	5		
58/ 57																			10		
56/ 55										1.2	.6							3	18		
54/ 53				.6		.6			1.2	1.8								7	19		
52/ 51				.6	.6	.6		.6	1.8	1.2	.6							10	22		
50/ 49					2.5	2.5	.6	3.1	2.5	3.1	.6							24	31		
48/ 47					3.7	.6	1.2	.6	7.4	1.2								24	32	1	
46/ 45			.6		3.7	1.8		2.5	1.8									17	23	2	
44/ 43				1.2	1.8	1.2	4.9	.6	3.7									22	27	2	1
42/ 41		.6		1.2		1.8	1.8	1.8	3.1									17	19	6	
40/ 39	1.2	.6			.6	1.8	1.2	3.7	.6									16	16	16	2
38/ 37	1.2	.6			1.2	1.2	1.8	1.2										12	12	24	6
36/ 35																			2	21	3
34/ 33		1.2			.6													3	3	18	
32/ 31	.6		.6															2	2	30	13
30/ 29																				14	11
28/ 27																				13	8
26/ 25	.6																	1	1	14	4
24/ 23																				2	2
22/ 21																					3
20/ 19																					3
18/ 17																					6
16/ 15																					7
14/ 13																					11
12/ 11																					13
10/ 9																					9
8/ 7																					12
6/ 5																					5
4/ 3																					3
2/ 1																					4
0/ -1																					7
-2/ -3																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-4/ -5																					5
-6/ -7																					2
-8/ -9																					4
-10/-11																					4
-12/-13																					3
-14/-15																					1
-16/-17																					3
-18/-19																					1
-20/-21																					2
-26/-27																					1
-28/-29																					2
TOTAL	3.7	3.1	1.2	3.7	14.7	12.3	11.7	14.1	22.1	8.6	2.5		2.5					163	244	163	163

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	267247	5407	33.2	23.292	163							
Dry Bulb	557663	11563	47.4	6.318	244		1.1					93
Wet Bulb	187699	5473	33.6	4.928	163		41.7					93
Dew Point	57684	2076	12.7	15.959	163	21.1	86.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 77-79 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	13-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63													1.9					3	3		
60/ 59													.6					1	4		
58/ 57										2.5	.6	.6						6	17		
56/ 55							.6		.6	1.9	1.3	.6						8	26		
54/ 53			.6	.6			1.3	.6	4.4	3.1	.6							18	35		
52/ 51					.6	1.3	1.3	1.3	.6	1.3								10	23		
50/ 49				.6	1.3	1.3	1.9				1.3							10	21	1	
48/ 47			.6		1.9	1.9	2.5	2.5	2.5	1.3								21	24	3	1
46/ 45			1.9	.6	3.1	1.3	1.3	1.3	2.5									19	21	1	
44/ 43				.6	1.9	1.9	6.9	3.1	1.9	.6								27	32	5	
42/ 41		1.9			1.9	.6	3.8	.6	1.3									16	17	11	4
40/ 39	.6				.6	.6		1.9	.6									7	7	23	3
38/ 37		.6			1.3	1.3	1.3											7	7	23	2
36/ 35		.6			.6	.6	.6											4	4	21	2
34/ 33			1.3				.6											3	3	17	6
32/ 31																				19	6
30/ 29																				21	8
28/ 27																				8	8
26/ 25																				7	6
24/ 23																			1	1	7
22/ 21																				1	6
20/ 19																					5
18/ 17																					8
16/ 15																					16
14/ 13																					8
12/ 11																					8
10/ 9																					10
8/ 7																					7
6/ 5																					4
4/ 3																					1
2/ 1																					9
0/ -1																					4
-2/ -3																					5
-4/ -5																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

2064

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-6/ -7																					2
-8/ -9																					1
-10/-11																					2
-12/-13																					1
-16/-17																					3
-18/-19																					2
-22/-23																					1
-24/-25																					1
TOTAL	.6	3.1	4.4	2.5	13.1	10.6	21.9	11.3	14.4	10.6	3.8	1.3	2.5					160	245	160	160

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	250541	5367	33.5	21.059	160							
Dry Bulb	594295	11963	48.8	6.452	245		.4					93
Wet Bulb	198134	5570	34.8	5.157	160		33.1					93
Dew Point	71079	2439	15.2	14.602	160	14.5	82.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 77-79 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63													.6					1	1		
62/ 61												.6						1	1		
60/ 59										.6			.6					2	2		
58/ 57											.6	.6						2	2		
56/ 55										.6	1.8	1.2						6	19		
54/ 53						.6		.6	3.1	1.2	2.5							13	31		
52/ 51						.6	.6	.6	.6	1.2								6	14		
50/ 49					1.2	3.1		2.5	2.5	1.8								18	38		
48/ 47					3.7	1.8	1.2	3.7	3.7	.6								24	33		
46/ 45					4.9		3.1		1.2	.6								16	17		
44/ 43		.6	.6	1.2	1.8	1.2	3.1	.6	.6									16	22	1	
42/ 41		1.2	1.2		.6		4.3	3.7	1.2									20	21	8	1
40/ 39		1.2		1.2		.6	2.5	3.1	1.2									16	17	22	1
38/ 37				.6		1.2	1.2	2.5										5	5	20	2
36/ 35		.6	.6	.6		.6		.6										5	5	26	3
34/ 33	.6				.6		.6											3	3	20	3
32/ 31																				19	11
30/ 29					.5													1	1	16	12
28/ 27		1.8	.6															4	4	14	6
26/ 25																				9	4
24/ 23																				7	7
22/ 21																				1	5
20/ 19																					4
18/ 17																					6
16/ 15																					7
14/ 13																					14
12/ 11																					9
10/ 9																					11
8/ 7																					1
6/ 5																					7
4/ 3																					13
2/ 1																					5
0/ -1																					3
-2/ -3																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

2065

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
-4/ -5																					5
-6/ -7																					4
-8/ -9																					4
-10/-11																					2
-12/-13																					2
-14/-15																					3
-16/-17																					2
-18/-19																					1
-20/-21																					1
TOTAL	.6	5.5	3.1	3.7	13.5	9.8	16.6	17.8	14.1	6.7	4.9	2.5	1.2						247		163
																		163		163	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	256195	5400	33.1	21.844	163							
Dry Bulb	564416	11696	47.4	6.559	247		1.9					93
Wet Bulb	187023	5461	33.5	5.008	163		37.7					93
Dew Point	62017	2159	13.2	14.363	163	17.7	87.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 77-79 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57												.6	.6					2	2		
56/ 55												.6						1	1		
54/ 53											1.9							3	17		
52/ 51										1.2	1.9							5	19		
50/ 49						.6	.6		.6	1.9								10	19		
48/ 47					.6	1.2	.6		.6	1.2								7	23		
46/ 45					4.3		1.2	3.7	7.4									27	46		
44/ 43				3.1	1.2	1.2	3.1	4.3	3.3	.6								27	31		
42/ 41			1.9	1.9	.6	1.2	3.1	1.2	.6									17	22		
40/ 39	.6	1.9	.6	1.9	1.2	1.2	4.3	1.9	.6									23	23	7	
38/ 37	.6	.6	.6		.6	1.9	.6	4.3										15	19	19	3
36/ 35		.6	.6		1.2	.6	1.2	.6										8	8	13	2
34/ 33	.6	.6	.6		1.2	1.9	1.9											11	11	24	3
32/ 31					.6		.6											2	2	26	13
30/ 29					.6		.6											2	2	33	8
28/ 27		.6																1	1	12	8
26/ 25						.6												1	1	13	4
24/ 23																				9	2
22/ 21																				3	4
20/ 19																				2	2
18/ 17																				1	3
16/ 15																					5
14/ 13																					5
12/ 11																					7
10/ 9																					14
8/ 7																					12
6/ 5																					11
4/ 3																					5
2/ 1																					2
0/ -1																					7
-2/ -3																					9
-4/ -5																					5
-6/ -7																					4
-8/ -9																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 77-79 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
-10/-11																					4
-12/-13																					7
-14/-15																					6
-16/-17																					2
-20/-21																					1
-22/-23																					1
TOTAL	1.9	4.3	4.3	6.8	12.3	10.5	17.9	16.0	15.4	4.9	3.7	1.2	.6					162	247	162	162

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	267088	5392	33.3	23.329	162							
Dry Bulb	491141	10917	44.2	5.922	247		2.3					93
Wet Bulb	160103	5039	31.1	4.738	162		56.8					93
Dew Point	53698	1632	10.1	15.212	162	28.1	88.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
58/ 57												.6						1	1		
56/ 55												.6						1	2		
54/ 53											2.4	1.2						6	22		
52/ 51										.6								1	11		
50/ 49									2.4	1.2								6	11		
48/ 47					.6		1.2		3.0	1.2								10	22		
46/ 45					2.4	1.8	.8	4.7	3.6	1.8								25	45		
44/ 43			.6	2.4	.6	2.4	3.6	2.4	4.7									26	33		
42/ 41		.6	.6	1.2		1.2		3.0	.6									12	19	1	
40/ 39	.6	.6	1.2	1.2	.6	.6	3.6	5.3	1.2									25	33	6	2
38/ 37			1.2	1.2	.6	3.0		3.6										16	17	7	
36/ 35	1.2	1.8	.6	.6	1.8	1.8	.6	.6										15	15	15	4
34/ 33			.6	.6	.6	1.2	1.8											8	8	32	2
32/ 31			.6	1.2	.6	4.1												11	11	21	12
30/ 29		.6		.6		.6												3	3	29	5
28/ 27		.6																1	1	21	3
26/ 25																				16	4
24/ 23																				13	8
22/ 21																				8	4
20/ 19																					6
18/ 17																					4
16/ 15																					6
14/ 13																					8
12/ 11																					5
10/ 9																					8
8/ 7																					12
6/ 5																					10
4/ 3																					9
2/ 1																					6
0/ -1																					3
-2/ -3																					13
-4/ -5																					8
-6/ -7																					8
-8/ -9																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 77-79 (YEARS) | DEC (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-10/-11																					3
-12/-13																					2
-14/-15																					5
-16/-17																					2
-18/-19																					4
-20/-21																					2
-30/-31																					1
-34/-35																					1
TOTAL	1.8	4.1	5.3	8.9	7.7	16.6	11.2	19.5	15.4	4.7	2.4	2.4						169	253	169	169

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	272521	5513	32.6	23.488	169							
Dry Bulb	484429	10960	43.3	6.184	253		5.9					93
Wet Bulb	158540	5118	30.3	4.594	169		59.4					93
Dew Point	52170	1434	8.9	15.431	169	30.3	88.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 77-79 YEARS | DEC MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
64/ 63													.4					5	5		
62/ 61												.1	.4					2	2		
60/ 59										.1	.1		.3					6	11		
58/ 57										.3	.2	.3	.3					11	41		
56/ 55							.1		.1	.5	.5	.5						21	73		
54/ 53			.1	.2		.2	.2	.2	1.1	.6	1.5	.3						58	157		
52/ 51				.1	.2	.3	.2	.1	.5	1.2	.8							46	141		
50/ 49				.1	.5	1.1	.4	.8	1.6	2.1	.2							90	175	1	
48/ 47		.1	.1	.1	1.4	.9	.9	1.1	3.2	1.5								122	196	2	1
46/ 45			.4	.3	3.4	.8	.9	2.5	3.4	.5								161	251	4	
44/ 43		.1	.2	1.7	1.9	1.7	3.7	2.8	3.0	.2								200	260	8	2
42/ 41		.8	.6	1.5	1.6	1.2	2.9	2.3	1.5									163	199	33	6
40/ 39	.5	.8	.4	1.3	.9	1.2	2.3	3.1	1.1									153	178	90	12
38/ 37	.8	.2	.5	.5	.9	1.8	.9	3.1										112	120	128	22
36/ 35	.2	.5	.4	.5	.7	.7	.5	.6										54	60	142	19
34/ 33	.3	.5	.5	.3	.6	.7	1.0											50	50	190	23
32/ 31	.2	.4	.2	.2	.3	.8	.3											32	32	203	70
30/ 29	.1	.1		.2	.4	.1	.1											11	11	202	77
28/ 27		.5	.2	.2	.2													12	12	111	55
26/ 25	.1					.1												2	2	98	44
24/ 23																			1	65	37
22/ 21																				27	38
20/ 19																				6	31
18/ 17																				1	43
16/ 15																					54
14/ 13																					62
12/ 11																					73
10/ 9																					65
8/ 7																					61
6/ 5																					59
4/ 3																					69
2/ 1																					38
0/ -1																					40
-2/ -3																					54

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC 2068

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-4/ -5																				42
-6/ -7																				41
-8/ -9																				32
-10/-11																				24
-12/-13																				24
-14/-15																				24
-16/-17																				21
-16/-19																				17
-20/-21																				12
-22/-23																				4
-24/-25																				1
-26/-27																				4
-28/-29																				4
-30/-31																				3
-32/-33																				2
-34/-35																				1
TOTAL	2.1	3.9	3.4	6.9	13.0	11.4	14.4	16.9	15.5	7.3	3.3	1.1	.8					1311	1977	1311	1311

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	2170756	43744	33.4	23.299	1311							
Dry Bulb	4121104	89368	45.2	6.415	1977		21.8					744
Wet Bulb	1374650	41938	32.0	5.025	1311		404.6					744
Dew Point	482467	14423	11.0	15.722	1311	198.6	695.8					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 77-80 YEARS | ALL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75																.0		1	1		
74/ 73													.0					2	2		
72/ 71													.0	.0		.0		3	3		
70/ 69												.0	.0	.0				5	5		
68/ 67								.0		.0	.0		.0	.0	.0			14	14		
66/ 65						.0	.0	.0	.0	.0	.0	.0	.0	.1				26	26		
64/ 63			.0		.0	.0	.1	.1	.1	.1	.1	.1	.2	.1				88	88		
62/ 61					.0	.1	.1	.1	.2	.2	.2	.3	.2					160	160		
60/ 59				.1	.1	.2	.2	.2	.3	.4	.4	.3	.4					283	288	1	
58/ 57		.0	.0	.3	.3	.2	.2	.3	.7	.5	.6	.9	.2					491	521	1	
56/ 55		.0	.1	.5	.4	.3	.4	.8	.6	.8	1.0	1.2						681	733	4	2
54/ 53			.0	.5	.3	.4	.7	.8	.9	1.2	1.7	.5						802	903	30	1
52/ 51		.0	.2	.4	.4	.5	.8	1.0	1.2	1.9	2.3							985	1085	96	5
50/ 49		.0	.2	.4	.5	.8	1.0	.9	1.4	2.2	1.3							952	1060	174	18
48/ 47		.1	.1	.3	.6	.8	1.0	1.1	2.2	2.9								1018	1131	197	48
46/ 45	.0	.4	.3	.2	1.0	1.2	1.3	1.4	2.6	1.3								1079	1221	265	98
44/ 43	.0	.8	.3	.6	1.1	1.5	1.5	1.7	2.3	.3								1122	1221	397	169
42/ 41	.0	1.3	.3	.8	.9	1.7	1.4	1.8	1.7									1099	1204	631	243
40/ 39	.3	1.2	.6	.8	.7	1.6	1.3	1.6	.8									1003	1143	904	241
38/ 37	.4	.7	.4	.4	.0	.9	.8	1.3										639	756	1075	302
36/ 35	.3	.9	.5	.3	.4	.4	.4	.3										352	469	1316	262
34/ 33	.2	.4	.2	.2	.2	.2	.3	.1										193	263	1543	296
32/ 31	.1	.2	.1	.1	.1	.2	.2											115	140	1534	349
30/ 29	.0	.1	.1	.0	.1	.0	.0											42	47	1321	417
28/ 27	.0	.1	.1	.0	.0	.0												35	37	833	412
26/ 25	.0	.0		.0		.0												8	10	555	422
24/ 23	.0	.0	.0	.0	.0													5	6	216	383
22/ 21		.0		.0														2	2	80	439
20/ 19																				28	409
18/ 17																				3	432
16/ 15																				1	505
14/ 13																					409
12/ 11																					405
10/ 9																					346

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 STATION | HAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 77-80 YEARS | ALL MONTH

ALL HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
8/ 7																					434
6/ 5																					371
4/ 3																					398
2/ 1																					356
0/ -1																					318
-2/ -3																					301
-4/ -5																					289
-6/ -7																					255
-8/ -9																					252
-10/-11																					223
-12/-13																					237
-14/-15																					210
-16/-17																					197
-18/-19																					150
-20/-21																					132
-22/-23																					103
-24/-25																					89
-26/-27																					43
-28/-29																					46
-30/-31																					26
-32/-33																					27
-34/-35																					23
-36/-37																					25
-38/-39																					17
-40/-41																					11
-42/-43																					13
-44/-45																					17
-46/-47																					12
-48/-49																					7
-50/-51																					3
-52/-53																					3
TOTAL	1.6	5.7	3.4	5.9	8.0	11.0	11.7	13.4	15.0	11.9	7.9	3.4	1.1	.2	.1	.0			12539		11205
																		11205		11205	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	19100665	368749	32.9	24.934	11205							
Dry Bulb	27763334	582946	46.5	7.265	12539		159.8	19.3	2.7			8760
Wet Bulb	13757928	386576	34.5	6.129	11205		3652.6					8760
Dew Point	5673577	137425	12.3	18.867	11205	2543.2	7557.9					8760

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-80 (YEARS)

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	40.0	38.0	40.5	40.6	47.2	47.9	49.1	51.0	48.0	45.1	43.3	43.4	44.3
	S D	3.866	4.571	3.513	5.740	4.129	3.767	4.489	5.221	7.314	5.552	4.625	6.049	6.473
	TOTAL OBS	91	158	137	88	93	90	118	102	170	166	113	253	1579
03-05	MEAN	39.0	38.7	41.3	41.3	46.8	46.6	49.5	53.4	50.0	46.8	43.1	43.4	44.9
	S D	3.703	4.593	3.615	4.522	3.414	3.121	4.735	5.110	9.064	7.657	4.139	5.553	6.985
	TOTAL OBS	92	156	136	90	93	89	120	102	171	165	117	247	1578
06-08	MEAN	39.0	38.2	41.4	42.5	48.5	48.8	50.7	53.1	49.3	45.9	43.7	43.8	45.2
	S D	4.252	4.474	3.686	5.350	3.963	4.242	5.236	4.415	7.880	6.216	5.003	5.434	6.854
	TOTAL OBS	91	157	133	88	93	90	119	99	168	165	117	241	1561
09-11	MEAN	41.8	41.1	45.1	45.0	52.7	53.2	54.2	56.1	53.5	49.5	48.2	47.4	48.8
	S D	5.208	5.646	4.014	5.960	3.943	4.783	5.107	5.570	7.647	6.863	5.620	6.318	7.423
	TOTAL OBS	89	155	129	86	92	90	111	98	175	164	119	244	1552
12-14	MEAN	43.6	43.0	47.6	46.0	53.1	53.6	55.5	57.3	54.6	51.4	49.7	48.8	50.2
	S D	6.082	5.829	4.064	5.906	5.392	4.933	5.091	5.475	7.495	6.469	6.222	6.452	7.349
	TOTAL OBS	88	157	127	84	93	90	116	98	172	166	121	245	1557
15-17	MEAN	42.1	42.1	46.2	44.9	52.3	52.4	54.3	55.8	53.2	49.0	47.7	47.4	48.8
	S D	5.929	5.447	4.158	5.248	5.573	4.587	5.220	4.541	6.978	5.441	6.217	6.559	7.094
	TOTAL OBS	91	156	132	81	92	89	114	103	175	165	122	247	1567
18-20	MEAN	40.0	38.7	42.2	42.3	48.8	49.4	50.7	51.4	49.4	45.5	44.3	44.2	45.4
	S D	4.795	4.209	4.045	4.182	5.301	4.770	4.757	5.169	7.095	5.758	5.072	5.922	6.603
	TOTAL OBS	89	157	135	81	93	87	119	100	172	165	123	247	1568
21-23	MEAN	39.6	38.1	40.9	40.8	47.8	48.3	49.3	49.8	48.1	45.2	44.0	43.3	44.4
	S D	4.647	4.385	3.864	4.705	5.324	4.356	4.983	5.112	7.213	5.848	4.877	6.184	6.548
	TOTAL OBS	90	160	135	84	93	87	121	100	168	163	123	253	1577
ALL HOURS	MEAN	40.6	39.7	43.1	42.9	49.6	50.0	51.6	53.5	50.8	47.3	45.5	45.2	46.5
	S D	5.099	5.258	4.616	5.571	5.275	5.000	5.497	5.658	7.975	6.633	5.801	6.415	7.265
	TOTAL OBS	721	1256	1064	682	742	712	938	802	1371	1319	955	1977	12539

USAFETAC FORM JUL 64 0 89-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	28.2	30.9	29.8	31.3	32.2	31.6	34.7	37.2	36.6	34.2	31.7	30.4	32.6
	S D	3.782	6.200	4.231	5.447	3.076	2.537	5.777	5.465	7.198	4.624	3.487	4.521	5.678
	TOTAL OBS	82	125	137	88	93	90	118	102	170	145	98	169	1417
03-05	MEAN	27.9	31.4	30.2	32.5	32.2	31.3	34.7	38.1	38.4	35.5	31.4	31.3	33.2
	S D	4.192	5.660	4.252	5.474	2.708	2.871	6.002	5.158	7.778	5.476	3.146	4.744	6.040
	TOTAL OBS	83	122	136	90	93	89	120	102	171	142	99	166	1413
06-08	MEAN	27.9	31.0	30.3	32.4	32.7	32.4	35.5	37.9	37.5	34.9	31.7	31.1	33.2
	S D	4.409	5.360	4.452	4.801	2.676	2.860	6.161	4.739	7.602	4.725	3.279	4.531	5.773
	TOTAL OBS	82	124	132	88	93	90	119	99	168	142	99	159	1395
09-11	MEAN	31.2	34.2	33.5	34.6	36.1	35.3	38.4	40.7	41.1	38.2	34.8	33.6	36.2
	S D	3.946	5.292	4.106	4.904	2.885	2.748	6.097	4.685	7.468	5.050	3.236	4.928	5.832
	TOTAL OBS	83	118	129	86	92	90	111	98	175	142	99	163	1386
12-14	MEAN	32.4	36.2	36.1	35.5	37.9	36.3	39.8	42.8	42.7	40.1	36.9	34.8	37.9
	S D	4.018	5.531	3.993	4.702	3.860	3.689	6.532	4.165	7.844	5.158	3.006	5.157	6.032
	TOTAL OBS	82	121	126	84	93	90	116	98	172	143	100	160	1385
15-17	MEAN	30.5	35.5	35.2	35.1	36.5	35.6	38.1	41.9	41.4	38.2	35.3	33.5	36.7
	S D	3.718	5.555	4.414	4.607	4.048	3.539	6.023	4.264	7.255	5.038	3.130	5.008	5.896
	TOTAL OBS	85	120	131	81	92	89	114	103	175	143	103	163	1399
18-20	MEAN	28.3	32.6	31.4	32.9	33.4	32.8	35.7	38.1	37.4	35.1	32.1	31.1	33.6
	S D	2.953	6.027	4.622	4.473	3.468	3.068	6.023	4.405	6.837	5.387	3.055	4.738	5.611
	TOTAL OBS	83	119	135	81	93	87	119	100	172	145	105	162	1401
21-23	MEAN	27.8	31.7	30.1	31.9	32.2	32.0	34.9	37.1	36.1	34.7	31.8	30.3	32.7
	S D	3.552	5.848	4.326	4.943	3.507	2.254	5.843	5.503	6.992	5.320	3.452	4.594	5.623
	TOTAL OBS	84	120	133	84	93	87	121	100	168	145	105	169	1409
ALL HOURS	MEAN	29.3	32.9	32.0	33.2	34.1	33.4	36.5	39.2	38.9	36.4	33.2	32.0	34.5
	S D	4.180	6.006	4.891	5.135	3.952	3.505	6.317	5.243	7.720	5.473	3.767	5.025	6.129
	TOTAL OBS	664	969	1059	682	742	712	938	802	1371	1147	808	1311	11205

USAFETAC FORM JUL 64 0-89-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP.	OCT.	NOV	DEC	ANNUAL
00-02	MEAN	-.7	11.6	5.0	10.5	2.6	-9.8	6.4	14.8	18.8	15.5	8.8	8.0	8.7
	S D	21.375	24.303	21.138	21.533	13.799	22.054	20.517	17.421	16.606	11.628	13.585	16.660	19.658
	TOTAL OBS	82	125	137	88	93	90	118	102	170	145	98	169	1417
03-05	MEAN	2.7	11.9	5.7	12.5	3.2	-5.8	6.4	13.9	21.4	17.2	7.3	10.9	10.0
	S D	18.690	24.123	19.507	23.139	15.774	20.730	19.682	17.555	17.063	11.507	14.210	16.252	19.414
	TOTAL OBS	83	122	136	90	93	89	120	102	171	142	99	166	1413
06-08	MEAN	3.1	11.8	4.8	10.6	.8	-6.2	6.6	14.3	20.2	17.0	6.6	9.6	9.3
	S D	18.534	23.658	20.494	22.092	16.090	20.461	20.270	15.778	16.038	10.616	15.372	16.014	19.219
	TOTAL OBS	82	124	132	88	93	90	119	99	168	142	99	159	1395
09-11	MEAN	11.8	17.7	12.5	15.2	7.7	-.8	11.6	19.5	25.1	21.9	11.9	12.7	14.8
	S D	15.604	21.922	16.947	19.755	15.290	18.754	20.268	15.066	15.130	9.710	11.943	15.956	17.699
	TOTAL OBS	83	118	129	86	92	90	111	98	175	142	99	163	1386
12-14	MEAN	13.2	21.1	17.8	18.3	14.1	3.4	14.3	25.9	27.9	24.4	16.5	15.2	18.5
	S D	13.551	20.485	15.539	16.189	16.948	19.651	21.271	11.021	15.945	10.099	10.488	14.602	16.989
	TOTAL OBS	82	121	126	84	93	90	116	98	172	143	100	160	1385
15-17	MEAN	8.8	19.5	17.1	18.5	10.1	2.8	10.7	25.2	26.4	22.6	14.7	13.2	16.7
	S D	13.107	22.164	16.194	17.517	17.003	19.454	19.859	11.044	14.655	10.996	10.872	14.363	17.153
	TOTAL OBS	85	120	131	81	92	89	114	103	175	143	103	163	1399
18-20	MEAN	3.8	16.1	8.2	14.4	3.4	-4.9	7.3	19.0	19.3	17.6	9.1	10.1	11.2
	S D	14.754	23.496	20.240	19.342	16.759	19.978	20.469	13.053	16.097	12.805	12.263	15.212	18.451
	TOTAL OBS	83	119	135	81	93	87	119	100	172	145	105	162	1401
21-23	MEAN	.7	13.1	4.9	12.5	.6	-7.8	7.0	17.0	16.7	16.8	8.6	8.5	9.1
	S D	18.203	24.811	21.570	21.246	15.622	21.048	20.569	16.472	16.925	12.687	12.962	15.431	19.383
	TOTAL OBS	84	120	133	84	93	87	121	100	168	145	105	169	1409
ALL HOURS	MEAN	5.4	15.3	9.4	14.0	5.3	-3.6	8.7	18.7	22.0	19.1	10.5	11.0	12.3
	S D	17.522	23.358	19.746	20.391	16.505	20.248	20.487	15.473	16.462	11.693	13.166	15.722	18.867
	TOTAL OBS	664	969	1059	682	742	712	938	802	1371	1147	808	1311	11205

USAFETAC FORM JUL 64 0-89-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	JAN
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	69.5	42.7	31.7	25.6	17.1	13.4	9.8	7.3	6.1	27.8	82
	03-05	75.9	51.8	38.6	26.5	21.7	16.9	13.3	7.2	4.8	30.6	83
	06-08	76.8	57.3	37.8	24.4	15.9	13.4	12.2	8.5	4.9	30.4	82
	09-11	85.5	61.4	49.4	36.1	27.7	24.1	18.1	14.5	8.4	38.5	83
	12-14	90.2	64.6	51.2	32.9	22.0	17.1	14.6	9.8	4.9	36.3	82
	15-17	87.1	55.3	38.8	28.2	18.8	15.3	9.4	7.1	3.5	32.1	85
	18-20	79.5	43.4	27.7	26.5	20.5	15.7	12.0	8.4	7.2	29.9	83
	21-23	71.4	44.0	27.4	22.6	21.4	17.9	10.7	6.3	6.0	28.2	84
TOTALS		79.5	52.6	37.8	27.9	20.6	16.7	12.5	8.9	5.7	31.7	664

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

00001 (STATION) · MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (PERIOD) FEB (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	76.0	64.8	59.2	56.0	47.2	40.0	35.2	32.8	25.6	49.1	125
	03-05	73.0	60.7	59.0	55.7	52.5	44.3	40.2	32.0	25.4	49.4	122
	06-08	74.2	63.7	59.7	55.6	49.2	44.4	40.3	35.5	18.5	49.9	124
	09-11	80.5	64.4	64.4	57.6	52.5	48.3	45.8	36.4	18.6	53.3	118
	12-14	90.1	71.1	66.9	58.7	46.3	42.1	38.8	32.2	17.4	52.0	121
	15-17	80.8	71.7	65.0	55.8	49.2	49.2	43.3	35.8	19.2	52.9	120
	18-20	82.4	72.3	62.2	57.1	52.9	51.3	45.4	37.0	22.7	53.8	119
	21-23	75.0	67.5	62.5	59.2	52.5	45.8	40.0	33.3	18.3	50.9	120
TOTALS		79.0	67.0	62.4	57.0	50.3	45.7	41.1	34.4	20.7	51.4	969

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	MAR
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	80.3	54.7	37.2	24.1	22.6	18.2	14.6	13.9	9.5	32.8	137
	03-05	83.8	54.4	31.6	24.3	19.1	16.2	14.0	14.0	11.8	31.9	136
	06-08	81.1	51.5	31.1	23.5	18.9	15.2	15.2	14.4	7.6	31.1	132
	09-11	88.4	59.7	36.4	22.5	20.9	20.9	20.2	17.8	5.4	34.8	129
	12-14	89.7	69.0	52.4	34.1	24.6	18.3	15.9	13.5	4.8	37.9	126
	15-17	90.8	64.1	55.0	35.1	27.5	20.6	18.3	13.0	7.6	38.9	131
	18-20	80.0	55.6	40.7	29.6	24.4	20.7	18.5	17.8	8.9	34.9	135
	21-23	76.7	53.4	36.8	26.3	21.1	18.8	18.0	14.3	11.3	32.9	133
TOTALS		83.9	57.8	40.2	27.4	22.4	18.6	16.8	14.8	8.4	34.4	1059

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (PERIOD) APR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	78.4	54.5	54.5	46.9	40.9	33.0	29.5	17.0	11.4	42.3	88
	03-05	74.4	63.3	52.2	47.8	37.8	35.6	33.3	31.1	27.8	46.4	90
	06-08	75.0	65.9	54.5	40.9	34.1	26.1	22.7	18.2	12.5	40.5	88
	09-11	81.4	76.7	55.8	37.2	31.4	27.9	24.4	16.3	8.1	41.3	86
	12-14	92.9	72.6	54.8	38.1	31.0	22.6	20.2	19.0	11.9	41.9	84
	15-17	88.9	71.6	66.7	46.9	34.6	27.2	27.2	22.2	9.9	45.0	81
	18-20	80.2	66.7	55.6	46.9	38.3	32.1	32.1	25.9	11.1	44.3	81
	21-23	77.4	60.7	59.5	47.6	40.5	36.9	33.3	27.4	11.9	45.3	84
TOTALS		81.1	66.5	56.7	44.3	36.1	30.2	27.8	22.1	13.1	43.4	682

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79	MAY
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	72.0	34.4	17.2	4.3	2.2	2.2	1.1	1.1		18.9	93
	03-05	73.1	41.9	20.4	5.4	2.2	2.2				20.2	93
	06-08	65.6	28.0	12.9	4.3	3.2	2.2				17.2	93
	09-11	79.3	38.0	16.3	5.4						19.3	92
	12-14	82.8	58.1	38.7	15.1	6.5	1.1	1.1			25.7	93
	15-17	79.3	45.7	29.3	12.0	3.3	2.2				22.4	92
	18-20	67.7	32.3	19.4	10.8	7.5	4.3	2.2	1.1	1.1	20.2	93
	21-23	67.7	26.9	18.3	5.4	3.2	1.1	1.1			17.6	93
TOTALS		73.4	38.2	21.6	7.8	3.5	1.9	.7	.3	.1	20.2	742

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (PERIOD) JUN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	28.9	23.3	18.9	13.3	8.9	2.2				14.3	90
	03-05	36.0	29.2	18.0	14.6	11.2	9.0	4.5	1.1		17.5	89
	06-08	37.8	27.8	15.6	10.0	6.7	5.6	3.3			15.6	90
	09-11	45.6	26.7	20.0	12.2	3.3	2.2				16.3	90
	12-14	53.3	40.0	28.9	10.0	1.1					18.5	90
	15-17	51.7	40.4	22.5	9.0	3.4					18.6	89
	18-20	40.2	27.6	17.2	14.9	3.4	3.4	3.4	1.1		16.2	87
	21-23	31.0	26.4	20.7	12.6	8.0	3.4	2.3	1.1		15.6	87
TOTALS		40.6	30.2	20.2	12.1	5.8	3.2	1.7	.4		16.6	712

USAFETAC FORM JUL 64 0-87-5 (OL A)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	JUL
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	58.5	39.8	33.1	21.2	16.9	10.2	4.2			24.3	118
	03-05	56.7	37.5	28.3	22.5	16.7	14.2	3.3			23.8	120
	06-08	53.8	37.0	26.1	21.8	16.8	12.6	5.9			23.4	119
	09-11	64.0	43.2	30.6	22.5	15.3	11.7	6.3	2.7	1.8	25.5	111
	12-14	62.1	46.6	38.8	30.2	14.7	12.9	5.2	.9		27.1	116
	15-17	58.8	45.6	32.5	19.3	8.8	6.1	.9			23.[illegible]	114
	18-20	58.0	42.9	29.4	20.2	17.6	10.1	4.2	.8		23.9	119
	21-23	60.3	45.5	33.9	23.1	13.2	8.3	1.7			24.5	121
TOTALS		59.0	42.3	31.6	22.6	15.0	10.8	4.0	.6	.2	24.5	938

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	AUG
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	76.5	59.8	41.2	28.4	15.7	7.8	4.9			29.6	102
	03-05	75.5	56.9	31.4	20.6	13.7	5.9	4.9	1.0		26.5	102
	06-08	79.8	58.6	35.4	20.2	9.1	4.0				26.1	99
	09-11	84.7	62.2	40.8	20.4	9.2	5.1	4.1	4.1	2.0	29.0	98
	12-14	93.9	82.7	50.0	26.5	12.2	5.1	3.1	2.0	1.0	33.4	98
	15-17	95.1	83.5	57.3	28.2	14.6	4.9	1.9			33.8	103
	18-20	89.0	72.0	44.0	31.0	17.0	7.0	3.0			32.2	100
	21-23	82.0	67.0	45.0	35.0	23.0	10.0	5.0			33.2	100
TOTALS		84.6	67.8	43.1	26.3	14.3	6.2	3.4	.9	.4	30.5	802

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	SEP
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	91.8	69.4	50.6	41.2	30.6	18.2	9.4	3.5		37.0	170
	03-05	89.9	76.0	58.5	42.7	32.7	17.0	9.4	4.7	1.8	39.2	171
	06-08	91.1	75.6	55.4	40.5	29.8	13.7	6.5	1.2	.6	36.9	168
	09-11	97.1	74.9	60.0	45.7	25.7	14.9				37.5	175
	12-14	95.9	80.8	64.5	45.9	31.4	18.6	2.9	.6		40.0	172
	15-17	97.1	81.1	59.4	49.1	27.4	15.4	2.9	.6		39.2	175
	18-20	91.9	72.1	51.7	39.5	22.7	14.0	4.7	2.3	.6	35.6	172
	21-23	88.1	72.6	48.2	31.5	21.4	12.5	6.0	1.2	.6	33.8	168
TOTALS		92.7	75.3	56.0	42.0	27.7	15.5	5.2	1.8	.5	37.4	1371

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	OCT
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	93.8	74.5	55.9	23.4	9.0	6.9	2.1			32.7	145
	03-05	91.5	76.8	65.5	23.2	10.6	6.3	1.4			33.2	142
	06-08	95.1	78.2	62.7	24.6	9.2	7.0	1.4			33.4	142
	09-11	99.3	83.1	66.9	28.2	12.0	7.7	5.6			35.4	142
	12-14	100.0	86.7	61.5	28.7	14.0	9.1	4.9			36.0	143
	15-17	98.6	85.3	65.0	29.4	16.8	12.6	6.3	1.4		37.2	143
	18-20	94.5	77.2	64.1	27.6	17.2	13.1	2.8			35.3	145
	21-23	95.2	75.9	57.9	27.6	15.9	13.1	3.4	.7	.7	34.6	145
TOTALS		96.0	79.7	62.4	26.6	13.1	9.5	3.5	.3	.1	34.7	1147

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

00001	HAUI OPTICAL SITE HI NORTH TOWER	78-79	NOV
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	92.9	39.8	33.7	26.5	21.4	11.2	5.1	3.1		28.9	98
	03-05	83.8	39.4	30.3	23.2	19.2	14.1	5.1	3.0		27.8	99
	06-08	62.8	38.4	31.3	24.2	16.2	12.1	6.1	3.0	1.0	27.1	99
	09-11	92.9	36.4	31.3	23.2	18.2	9.1	1.0			27.1	99
	12-14	96.0	51.0	40.0	26.0	17.0	8.0	2.0			30.1	100
	15-17	96.1	52.4	41.7	28.2	19.4	7.8	1.9			30.4	103
	18-20	91.4	43.8	29.5	24.8	17.1	9.5	2.9			27.7	105
	21-23	87.6	42.9	31.4	23.8	17.1	11.4	3.8			27.7	105
TOTALS		90.4	43.0	33.7	25.0	18.2	10.4	3.5	1.1	.1	28.4	808

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

00001	MAUI OPTICAL SITE HI NORTH TOWER	78-79	DEC
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	82.8	56.2	42.6	29.0	23.1	15.4	9.5	7.1	4.7	32.6	169
	03-05	86.7	60.8	47.0	39.8	29.5	15.7	9.0	7.2	7.2	35.6	166
	06-08	84.3	59.7	45.3	33.3	23.9	11.9	6.3	5.0	3.8	33.0	159
	09-11	88.3	60.1	42.3	31.9	22.1	9.2	7.4	6.7	5.5	33.2	163
	12-14	89.4	68.1	47.5	32.5	18.1	10.0	6.9	4.4	3.1	33.5	160
	15-17	92.6	63.8	41.1	32.5	20.9	9.2	8.0	5.5	2.5	33.1	163
	18-20	88.3	59.3	40.1	30.9	22.8	16.0	8.0	6.2	2.5	33.3	162
	21-23	88.8	58.0	40.2	27.8	21.9	14.2	8.9	5.9	2.4	32.6	169
TOTALS		87.7	60.8	43.3	32.2	22.8	12.7	8.0	6.0	4.0	33.4	1311

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

00001	MAUI OPTICAL SITE HI NORTH TOWER	79-80	ALL
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	79.5	52.6	37.8	27.9	20.6	16.7	12.5	6.9	5.7	31.7	664
FEB		79.0	67.0	62.4	57.0	50.3	45.7	41.1	34.4	20.7	51.4	969
MAR		83.9	57.8	40.2	27.4	22.4	18.6	16.8	14.8	8.4	34.4	1059
APR		81.1	66.5	56.7	44.3	36.1	30.2	27.8	22.1	13.1	43.4	682
MAY		73.4	38.2	21.6	7.8	3.5	1.9	.7	.3	.1	20.2	742
JUN		40.6	30.2	20.2	12.1	5.8	3.2	1.7	.4		16.6	712
JUL		59.0	42.3	31.6	22.6	15.0	10.8	4.0	.6	.2	24.5	938
AUG		84.6	67.8	43.1	26.3	14.3	6.2	3.4	.9	.4	30.5	802
SEP		92.7	75.3	56.0	42.0	27.7	15.5	5.2	1.8	.5	37.4	1371
OCT		96.0	79.7	62.4	26.6	13.1	9.5	3.5	.3	.1	34.7	1147
NOV		90.4	43.0	33.7	25.0	18.2	10.4	3.5	1.1	.1	28.4	808
DEC		87.7	60.8	43.3	32.2	22.8	12.7	8.0	6.0	4.0	33.4	1311
TOTALS		79.0	56.8	42.4	29.3	20.8	15.1	10.7	7.6	4.4	32.2	11205

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APPLICATIONS CENTER

PART F PRESSURE SUMMARY

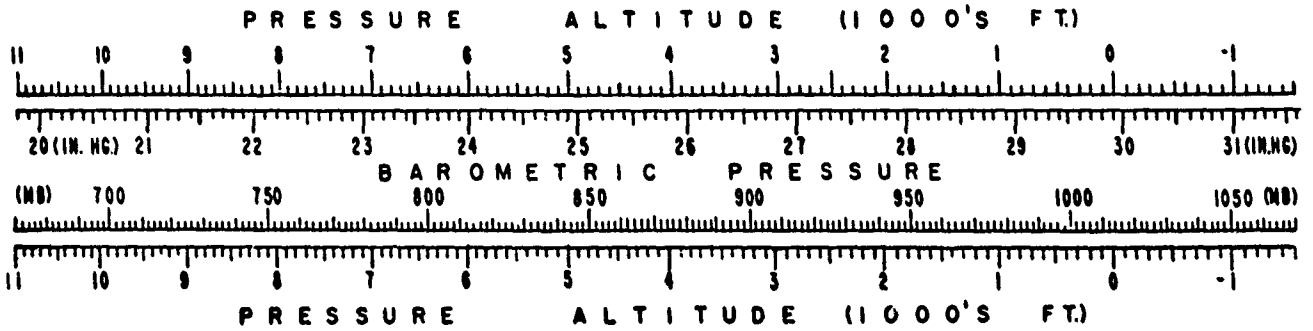
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



F

74-29967

GLOBAL CLIMATOLOGY BRANCH
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MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-80 (YEARS)

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	20.868	20.877	20.901	20.876	20.927	20.935	20.991	20.991	20.983	20.975	20.927	20.914	20.934
	S D	.061	.081	.069	.059	.037	.035	.057	.043	.049	.065	.073	.086	.076
	TOTAL OBS	61	80	75	56	62	49	71	90	87	86	58	85	860
03	MEAN	20.845	20.851	20.870	20.841	20.893	20.906	20.964	20.961	20.954	20.947	20.904	20.890	20.906
	S D	.063	.081	.072	.060	.038	.033	.059	.044	.049	.067	.072	.090	.077
	TOTAL OBS	60	78	74	56	62	49	72	91	87	85	58	84	856
06	MEAN	20.839	20.846	20.864	20.840	20.890	20.903	20.959	20.957	20.951	20.946	20.901	20.886	20.903
	S D	.064	.078	.070	.061	.038	.036	.058	.043	.047	.065	.074	.091	.077
	TOTAL OBS	59	79	73	56	62	49	71	90	87	85	58	84	753
09	MEAN	20.873	20.876	20.900	20.873	20.922	20.930	20.980	20.985	20.980	20.978	20.936	20.920	20.934
	S D	.062	.080	.069	.062	.038	.035	.066	.043	.045	.065	.070	.089	.076
	TOTAL OBS	61	78	73	53	61	49	71	89	89	85	58	82	849
12	MEAN	20.873	20.883	20.903	20.877	20.927	20.933	20.992	20.992	20.985	20.976	20.926	20.916	20.937
	S D	.062	.083	.068	.063	.038	.034	.058	.043	.047	.066	.074	.089	.077
	TOTAL OBS	59	79	75	52	61	48	73	92	88	86	60	82	855
15	MEAN	20.831	20.841	20.866	20.851	20.905	20.918	20.977	20.970	20.953	20.941	20.890	20.876	20.905
	S D	.060	.084	.069	.060	.037	.032	.061	.045	.048	.065	.072	.089	.080
	TOTAL OBS	61	80	75	54	62	48	73	90	87	87	61	82	860
18	MEAN	20.843	20.847	20.865	20.843	20.898	20.908	20.967	20.962	20.949	20.946	20.899	20.883	20.905
	S D	.062	.081	.069	.064	.037	.032	.060	.044	.045	.065	.069	.088	.077
	TOTAL OBS	61	80	74	54	61	49	73	91	89	86	61	83	862
21	MEAN	20.870	20.876	20.897	20.873	20.920	20.929	20.984	20.983	20.979	20.974	20.927	20.909	20.931
	S D	.060	.078	.067	.061	.038	.036	.058	.044	.047	.068	.069	.088	.076
	TOTAL OBS	61	80	74	54	61	48	72	91	87	85	61	86	860
ALL HOURS	MEAN	20.855	20.862	20.883	20.859	20.910	20.920	20.977	20.975	20.967	20.960	20.914	20.899	20.919
	S D	.063	.082	.071	.063	.040	.036	.060	.046	.049	.067	.073	.090	.078
	TOTAL OBS	483	634	593	435	492	389	576	724	701	685	475	668	6855

USAFETAC FORM JUL 64 0-89-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

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

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

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

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

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

C

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.3	2.3	2.3	.6	.6	.6					9.7	10.5
NNE		2.9	3.4	4.0	1.7	1.1						13.1	12.2
NE		.6	2.9	5.1	1.1	.6						10.3	13.2
ENE	1.1	.6		1.7	1.1							4.6	10.6
E		.6	1.1	4.6	.6							6.9	11.9
ESE		.6	1.7	1.1								3.4	9.2
SE		.6	1.7	1.1	.6							4.0	10.3
SSE		.6		.6	.6	.6						2.3	14.8
S	.6			.6	1.7							2.9	14.8
SSW	.6	.6	1.1	4.6	2.9	.6						10.3	13.9
SW		1.1	.6		1.7	1.1	.6					5.1	17.2
WSW	.6	1.1	.6	1.1		.6						4.0	9.4
W	1.1	1.7	1.7	1.1	1.1							6.9	9.5
WNW	.6	1.1		1.1	.6							3.4	9.5
NW	1.1	2.9	1.1	1.7	1.1							8.0	9.1
NNW		.6	1.1	2.3	.6		.6					5.1	13.6
VARBL													
CALM													
	6.9	17.7	19.4	33.1	16.0	5.1	1.7					100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 175

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	4.1	1.7	1.2	.6	.5						8.7	9.0
NNE	.6	1.7	1.7	2.9	1.7	1.7						10.5	13.2
NE	1.2	.6	4.1	4.1	1.2	1.7						12.8	12.5
ENE			1.2	1.7	.6							3.5	12.8
E			.6	4.1	1.2	.6						6.4	14.9
ESE		1.7		1.2								2.9	8.2
SE		1.2	1.2									2.3	5.5
SSE		1.2	1.2		1.2	.6	.6					4.7	15.0
S		2.3				.6						2.9	9.0
SSW		2.3		4.7	2.3							9.3	13.6
SW		2.9		2.9	2.9	1.2	.6					10.5	15.3
WSW	.6	1.2	.6	.6	.6							3.5	10.0
W	1.7	.6		1.7	1.2	.6						5.8	11.6
WNW	1.2	.6			1.2							2.9	9.6
NW		.6	1.2	.6	.6							2.9	11.4
NNW	.6	3.5	2.3	1.7	1.2	1.2						10.5	10.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X		
	6.4	24.4	15.7	27.3	16.3	8.7	1.2					100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 172

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		3.0	1.2	.6	1.2	1.2						7.3	12.5
NNE	.6	.6	4.2	2.4	1.8	.6	1.2	1.2				12.7	15.5
NE		1.8	3.0	4.2	.6	1.2						10.9	11.8
ENE				2.4	.6	1.2						4.2	16.9
E		.6	.6	1.2	1.2							3.6	13.2
ESE		1.2	2.4	3.6	.6							7.9	10.4
SE			2.4									2.4	7.8
SSE					.6	1.2		1.2				3.0	28.6
S			.6	.6	.6							1.8	14.3
SSW	1.2	1.2	1.2	4.8	1.2							9.7	11.5
SW		1.8	1.2	2.4	1.8	1.2	.6					9.1	14.3
WSW	1.2	.6		1.8	.6	1.2						5.5	13.3
W	1.2	1.8		4.2		.6						7.9	10.4
WNW		1.2	1.2	.6								3.0	7.4
NW	.6	1.8	.6	.6	1.2							4.8	9.3
NNW	.6	.6	2.4	1.2	.6	.6						6.1	11.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X		
	5.5	16.4	21.2	30.9	12.7	9.1	1.8	2.4				100.0	12.8

TOTAL NUMBER OF OBSERVATIONS 165

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.4	2.9	1.2			.6					7.1	9.9
NNE		1.2	2.9	1.2	.6	1.2	.6					7.6	13.8
NE	.6	1.2	1.8	5.3	1.8		2.4					12.9	15.2
ENE		1.2	3.5	.6		.6						5.9	10.3
E	.6	.6		1.2	.6	.6						3.5	12.7
ESE		1.8	1.2	2.9								5.9	9.6
SE	.6	1.2		1.2								2.9	7.4
SSE	.6					.6	.6	.6		.6		2.9	27.6
S	.6	1.2	.6		1.8							4.1	10.9
SSW	.6	1.2	.6	2.4	1.2							5.9	10.9
SW		2.4	1.8	2.9	2.4	2.4						11.8	13.9
WSW	1.2	1.2	1.8	3.5	1.2							8.8	10.6
W		1.8		.6		.6						2.9	10.4
WNW	1.2		1.2		1.8							4.1	10.4
NW	1.8	1.2	.6	1.8								5.3	6.9
NNW	1.2	.6	1.8	2.9	1.2	.6						8.2	11.5
VARBL													
CALM													
	8.8	18.8	20.6	27.6	12.4	6.5	4.1	.6		.6		100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 170

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	2.8	3.4	.6		.6						8.9	7.8
NNE	.6		2.2	3.4	.6	2.2						8.9	14.2
NE	.6	1.7	2.2	3.9	1.1							9.5	10.6
ENE		1.1	.6	3.9	.6							6.1	12.6
E	.6	1.7	2.8	1.1	.6							6.7	8.8
ESE		.6	2.2	3.9								6.7	11.2
SE			.6									.6	8.0
SSE						.6	1.1					1.7	29.0
S	.6	1.1			1.1		.6					3.4	13.3
SSW	.6	.6	.6	5.6		.6						7.8	12.1
SW	.6	1.1	1.7	3.4	3.4			.6				10.6	14.2
WSW	1.1	1.7	.6	3.9	1.1							8.4	10.7
W	.6	2.2	1.7	1.7	.6							6.7	8.4
WNW		.6	2.2	.6								3.4	9.2
NW	.6	2.8	1.1		.6							5.0	7.1
NNW		1.7	1.1	2.2	.6							5.6	9.3
VARBL													
CALM													
	7.3	19.6	22.9	34.1	10.1	3.9	1.7	.6				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 179

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

J0002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.6	2.8	2.2	.6	.6						6.6	11.8
NNE			3.3	4.4	2.2	1.7						11.6	14.9
NE	.6	1.7	1.7	3.3	1.7	.6						9.4	11.9
ENE		1.1	2.2	2.8								6.1	9.9
E		.6	3.3	2.8	.6							7.2	10.8
ESE		1.1	2.2	.6								3.9	7.7
SE			.6									.6	10.0
SSE			.6	1.1			.6	.6				2.8	20.4
S		1.1			.6			.6				2.2	15.5
SSW	1.1	1.1	2.2	2.2	.6	1.7						8.8	11.9
SW	.6	1.1	.6	4.4	.6	1.7	.6					9.4	14.4
WSW	.6		.6	1.1	3.3	1.1						6.6	16.1
W	2.2	.6	.6		1.7							5.0	8.2
WNW	1.7	2.2	2.2		1.1							7.2	7.7
NW		2.2	2.8	2.2	.6							7.7	9.8
NNW	1.7	.6	2.2		.6							5.0	7.0
VARBL													
CALM													
	8.3	13.8	27.6	27.1	13.8	7.2	1.1	1.1				100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 181

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.5	1.6	2.2	.5							5.5	10.8
NNE	.5	.5	2.7	7.1	1.1							12.1	12.2
NE	1.1	.5	2.2	8.8	3.8							16.5	13.1
ENE		1.1	2.2		.5							3.8	9.6
E	.5		3.8	2.7								7.1	9.4
ESE	.5	.5	3.3	.5								4.9	8.3
SE	.5		.5									1.1	6.5
SSE				.5								.5	15.0
S	.5			1.1	.5	1.1	1.1					4.4	20.3
SSW	.5		1.1	1.1	1.1	.5	.5					4.?	15.3
SW		.5	1.6	5.5	1.1	1.6	1.1					11.5	16.0
WSW		.5		2.7								3.3	11.5
W	.5	1.1	.5	2.2		.5						4.9	10.3
WNW	.5	2.2	2.?	2.2	.5							7.7	8.6
NW		2.?	1.1	1.6	.5		.5					6.0	11.6
NNW	.5	.5	2.2	2.2								5.5	10.0
VARBL													
CALM													
	6.6	10.4	25.3	40.7	9.9	3.8	3.3					100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 182

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6		1.1	2.8								4.5	10.1
NNE	.6	1.1	3.4	7.3	.6	.6						13.4	11.5
NE		.6	5.0	4.5	1.1	.6						11.7	12.0
ENE		1.1	1.1	2.2	1.1							5.6	12.0
E			2.2	3.9	1.1							7.3	12.9
ESE		.6	2.2	1.7								4.5	9.5
SE		1.1		1.1								2.2	9.3
SSE		.6			.6							1.1	11.0
S				1.1	1.7	.6	.6					3.9	20.4
SSW		.6	1.7	2.8	1.1	1.1						7.3	14.2
SW		1.1	2.2	2.8	1.1	2.2	1.1					10.6	16.5
WSW	.6	.6		2.2	.6	.6						4.5	12.4
W	.6	.6	1.1	1.1		.6						3.9	11.4
WNW	.6	2.2	1.7	1.1	1.1							6.7	8.9
NW	1.1	1.7		1.1								3.9	6.0
NNW	1.1	1.7	.6	3.4	1.7	.6						8.9	11.8
VARBL													
CALM													
	5.0	13.4	22.3	39.1	11.7	6.7	1.7					100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 179

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.9	2.1	1.6	.4	.4	.1					7.3	10.2
NNE	.4	1.0	3.0	4.1	1.3	1.1	.2	.1				11.3	13.3
NE	.5	1.1	2.9	4.9	1.6	.6	.3					11.8	12.6
ENE	.1	.8	1.4	1.9	.6	.2						5.0	11.7
E	.2	.5	1.9	2.7	.7	.1						6.1	11.6
ESE	.1	1.0	1.9	1.9	.1							5.0	9.5
SE	.1	.5	.9	.4	.1							2.0	8.2
SSE	.1	.3	.2	.3	.4	.4	.4	.3		.1		2.4	20.8
S	.3	.7	.1	.4	1.0	.3	.3	.1				3.2	15.2
SSW	.6	.9	1.1	3.5	1.3	.6	.1					8.0	12.9
SW	.1	1.5	1.2	3.1	1.9	1.4	.6	.1				9.8	15.1
WSW	.7	.9	.5	2.1	.9	.4						5.6	11.9
W	1.0	1.3	.7	1.6	.6	.4						5.5	9.9
WNW	.7	1.3	1.4	.7	.8							4.9	8.8
NW	.6	1.9	1.1	1.2	.6		.1					5.5	9.0
NNW	.7	1.2	1.7	2.0	.8	.4	.1					6.8	10.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X		
	6.8	16.7	22.0	32.6	12.8	6.3	2.1	.6		.1		100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 1403

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.9	3.0	.9	.9	.9						6.8	10.9
NNE	.4	.9	1.7	1.7	.4	.9						6.0	11.6
NE		1.3	1.7	6.4	1.3							10.7	12.2
ENE	.4	2.1	2.6	1.3	.9							6.8	8.9
E		2.6	2.6	1.3	1.7							8.1	9.7
ESE	.4	1.3	1.3	2.6	3.0			.4				9.0	13.7
SE		1.7	1.7	1.3	.4							5.1	9.8
SSE		1.7	.9	.4	1.3	.4	.9					5.6	14.2
S	.4		1.3	.4	1.7							3.8	12.7
SSW				1.3	1.3	.9						3.4	17.5
SW		.4		.9	.9	.4		.4				3.0	18.7
WSW			1.3	1.3	1.3	1.3	.4	.4				6.0	18.4
W			.4	.4	1.3	2.1						4.3	20.2
WNW	.4	.9	2.1	1.3	.9	.4	.9					6.8	13.3
NW	.4	2.6	1.3	.9	.4							5.6	7.6
NNW	.9	3.8	3.0	.9			.4					9.0	7.8
VARBL													
CALM													
	3.8	20.1	24.8	23.1	17.1	7.3	2.6	1.3				100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 234

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.7	1.7	.4	.9	.4	.4					5.7	11.9
NNE		.9	1.3	.4	.9	.4						3.9	12.8
NE	.4	.9	4.8	3.0	1.3	.9						11.3	11.7
ENE		.9	3.0	1.3								5.2	8.7
E	.9	1.3	1.3	1.3	.4							5.2	8.9
ESE	1.3	.9	4.3	2.2	2.2							10.9	9.9
SE	.4	.9	.9	1.3	.4	.4		.9				5.2	15.0
SSE		.9	2.6	.4	.4	.9						5.2	11.8
S	.9	.9		.9	.9	.9	.9					5.2	16.1
SSW		.9			.4		.4					1.7	15.5
SW	.4		1.7	2.2		.4		.4				5.2	13.3
WSW			.9	.9	3.0							4.8	15.8
W	.9	.9	1.3	1.7	2.2	2.2						9.1	15.1
WNW	.4	.9	2.6	.4		.9						5.2	10.5
NW	.9	2.6	3.0	.9	.4	.4						8.3	8.6
NNW		1.3	3.5	1.3	.9	.4	.4					7.8	11.5
VARBL													
CALM													
	6.5	15.7	33.0	18.7	14.3	8.3	2.2	1.3				100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 230

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4		3.0	.9								4.3	9.3
NNE		1.7	1.7	2.6								6.1	9.3
NE		.9	4.3	4.3	.4							10.0	10.6
ENE	.9	.4	2.6	2.2	.9							6.9	11.0
E			2.2	1.3								3.5	10.5
ESE		1.7	1.3	2.2	.9	.9						6.9	12.4
SE		.9	3.5	.9	1.3	1.7						8.2	13.5
SSE	.4	.4	1.3	.9	.4	.9						4.3	12.7
S		.4		.9	1.3	.4	.4					3.5	18.0
SSW		1.3	.9	.4	.4	.4	.9					4.3	14.8
SW	.4	.4	1.3	1.7	.9	.4		.9				6.1	15.6
WSW		.9		2.2	1.3	.4	.4					5.2	15.9
W			1.3	1.7	3.9	1.3	1.3					9.5	18.5
WNW		2.2	1.3	1.3								4.8	7.6
NW		2.6	.9	3.0	.4			.4				7.4	11.0
NNW	.4	.4	3.0	3.9		.9		.4				9.1	12.5
VARBL													
CALM													
	2.6	14.3	28.6	30.3	12.1	7.4	3.0	1.7				100.0	12.8

TOTAL NUMBER OF OBSERVATIONS 231

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.9	2.6	2.1	.4							6.0	10.2
NNE	.4	.9	1.7	3.9								6.9	10.6
NE	.9	1.7	4.3	3.4								10.3	8.9
ENE	.4		1.3	.9	1.7							4.3	12.5
E		2.1	.9	2.1	.9							6.0	10.4
ESE	.4	.4	1.7	2.1	.9	.4						6.0	13.0
SE			2.6	2.6	.9	.9	.4					7.3	13.9
SSE			2.6	1.7		.9						5.2	12.8
S			2.6	2.1	.4	.9		.4				6.4	14.2
SSW	.4	1.7	.9	.9		.4	1.3	.4				6.0	16.1
SW	.4		.4	1.7		.4	.4	.9	.4			4.7	20.7
WSW	.4	.4	.4	2.1	2.1	1.3	.9					7.7	17.4
W	.4	.9	.9	1.3	1.7	1.3	.4	.9				7.7	17.6
WNW			1.3	1.7	.9							3.9	12.6
NW		3.0	1.3	3.0	.4		.4					8.2	10.5
NNW		1.3	.9	.4	.9							3.4	10.1
VARBL													
CALM													
	3.9	13.3	26.2	32.2	11.2	6.4	3.9	2.6	.4			100.0	13.1

TOTAL NUMBER OF OBSERVATIONS 233

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.8	2.9	.8	.8		.4					5.9	11.0
NNE		2.1	2.9	.4		.4						5.9	8.6
NE	.8	2.9	2.1	1.7	1.3							8.8	9.1
ENE	.4	2.1	2.5	1.7	.4							7.1	8.8
E		.8	.4	.4								1.7	7.3
ESE		1.7	2.1	2.5								6.3	9.3
SE	.8	2.1	.4	.8	.4							4.6	7.2
SSE		.4	.4	2.5	2.5	.4	.4					6.7	16.1
S	.4	.8	.8	2.5	.8		.4					5.9	12.0
SSW	1.3	1.7		.8	.4	.4	.4					5.0	10.8
SW		1.3	2.5	.8	1.3		.4		.4			6.7	13.7
WSW		.8	1.7	2.1	2.1	1.7	1.3	.4				10.1	17.8
W		1.3	1.7	.8	2.5	.8	.8					8.0	15.1
WNW	.4	2.5	2.1	1.3	.4	.8						7.6	9.8
NW		.8	1.3	1.3								3.4	9.5
NNW	.4	1.3	1.7	.8	1.7	.4						6.3	11.8
VARBL													
CALM													
	4.6	23.5	25.6	21.4	14.7	5.0	4.2	.4	.4			100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 238

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 STATION | MAUI OPTICAL SITE HI SOUTH TOWER STATION NAME | 78-80 YEARS | FEB MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4	2.5	2.1	.4	.4						5.9	11.3
NNE		2.1	2.5	1.3	.8			.4				7.1	11.1
NE	.4	1.3	3.3	2.1	.8							7.9	9.7
ENE		.8	2.5	.4	.4							4.2	9.4
E	.8	.8	1.3	.8	.4	.4						4.6	10.4
ESE	.4	.8	1.7	2.9	.8							6.7	10.7
SE	.4	.8	1.3	2.1			.4					5.0	11.2
SSE			1.7	2.5		.4						4.6	13.2
S		.8	.8	.8	.4	.4	.8					4.2	15.6
SSW	.4	2.1	1.7	.8	1.3	.4						6.7	10.3
SW			1.3	1.7	1.3	.4	.4					5.0	15.9
WSW	.4	.8	1.3	2.5	.8	.8	.4	.4	.4			7.9	16.4
W	.4	1.7	1.7	1.3	.8	2.1						7.9	13.9
WNW		1.3	2.1	2.1	.4	1.7						7.5	13.4
NW	.8	.8	.8	4.2	.4		.4					7.5	11.8
NNW	.4	1.3	2.9	1.3	1.3							7.1	10.4
VARBL													
CALM													
	4.6	15.9	29.3	28.9	10.5	7.1	2.5	.8	.4			100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 239

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.7	2.9	.8	1.7							7.1	10.8
NNE	.4	1.7	3.7	2.9								8.7	9.2
NE		.8	3.3	4.2	.4							8.7	11.0
ENE	.4	.4	1.2	3.3	.4							5.8	11.5
E		.4	3.3	1.7								5.4	9.4
ESE		.8	.8	4.2		.4						6.2	12.1
SE	1.2	1.2		1.7	.8	.4						5.4	10.1
SSE	.4	.8	1.2	1.2								3.7	9.1
S	.8	.4	1.7	1.7	1.7	1.2						7.5	13.8
SSW	.4	.8	.4	2.5	.4	1.7						6.2	14.1
SW		.4	.4	1.2	.8	.4						3.3	14.4
WSW		.4	1.2	.4	1.2	1.7		.4				5.4	17.8
W		.4	.8	.4	1.2	2.1	1.2					6.2	20.2
WNW		.4	.8	1.2	1.2	.4						4.2	13.2
NW	.8	1.7	2.1	2.1	.8	.8						8.3	10.7
NNW		.8	2.1	3.3		.4	.8					7.5	13.3
VARBL													
CALM													
	4.6	13.3	26.2	32.9	10.8	9.6	2.1	.4				100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 240

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.3	3.4	2.1	.4		.4					7.6	10.7
NNE		1.7	2.5	2.5	.4	1.3	.8					9.3	14.0
NE	.4	.8	3.0	4.7	.8	.4						10.2	11.6
ENE	.4	1.3	4.2	2.1								8.1	8.7
E		.8	3.0	1.3	1.3							6.4	10.9
ESE		.8	2.5	3.4	1.3	.8						8.9	12.8
SE		1.3	1.3	1.7	.4							4.7	9.9
SSE			1.3	.8	1.7	.8						4.7	15.5
S	.8			1.7	1.3	.4						4.2	14.0
SSW	.8	1.3	.4	1.7	2.1							6.4	11.9
SW	.4	.4	.4	1.3	1.3		.4	.4				4.7	16.5
WSW	.4		.8		2.5	1.3	.4					5.5	18.6
W		.8	1.7	.4	.8	.4						4.2	11.1
WNW		1.3	1.3	.4	.4			.4				3.8	12.6
NW		1.3	1.3	2.1	.8	.8	.8					7.2	14.8
NNW	.4	.4	1.3	.8	1.3							4.2	12.3
VARBL													
CALM													
	3.8	13.6	28.4	27.1	16.9	6.4	3.0	.8				100.0	12.7

TOTAL NUMBER OF OBSERVATIONS 236

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.0	2.8	1.3	.7	.2	.2					6.2	10.8
NNE	.2	1.5	2.3	2.0	.3	.4	.1	.1				6.8	10.9
NE	.4	1.3	3.3	3.7	.8	.2						9.7	10.7
ENE	.4	1.0	2.5	1.6	.5							6.1	9.8
E	.2	1.1	1.9	1.3	.6	.1						5.1	9.9
ESE	.3	1.1	2.0	2.8	1.1	.3		.1				7.6	11.7
SE	.4	1.1	1.4	1.5	.6	.4	.1	.1				5.7	11.6
SSE	.1	.5	1.5	1.3	.8	.6	.2					5.0	13.4
S	.4	.4	.9	1.4	1.1	.5	.3	.1				5.1	14.3
SSW	.4	1.2	.5	1.1	.8	.5	.4	.1				5.0	13.4
SW	.2	.4	1.0	1.4	.8	.3	.2	.4	.1			4.8	15.9
WSW	.2	.4	1.0	1.4	1.8	1.1	.5	.2	.1			6.6	17.3
W	.2	.7	1.2	1.0	1.8	1.5	.5	.1				7.1	16.5
WNW	.2	1.2	1.7	1.2	.5	.5	.1	.1				5.5	11.6
NW	.4	1.9	1.5	2.2	.5	.3	.2	.1				7.0	10.7
NNW	.3	1.3	2.3	1.6	.7	.3	.2	.1				6.8	11.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X		
	4.3	16.2	27.8	26.8	13.5	7.2	2.9	1.2	.2			100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 1881

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.5	1.8	2.3	.9							5.5	12.0
NNE	.5	1.8	4.1	3.7			.5					10.6	10.0
NE		.5	1.4	.9								2.8	9.3
ENE	.5	.5	1.4	1.8								4.1	9.4
E	.5	.9		.9								2.3	8.4
ESE		.9	1.4			.5						2.8	10.2
SE		.5	2.3	1.4	1.4	.9						6.5	14.0
SSE		2.3	1.4	1.4	1.4	1.8						8.3	13.8
S	.5	1.4	1.8	3.7	1.4	2.3	.9					12.0	15.2
SSW	.5	.5	.9	2.3	.5	2.3						6.9	15.0
SW	.5	1.4	.9	.9		.5	.9					5.1	12.6
WSW		1.4	1.4	.9		.9						4.6	11.3
W	.9	1.8	1.8				.5					5.1	7.8
WNW	1.4	1.4	.5	2.3	.9	.5	.9					7.8	12.6
NW	.9	.5	.9	2.3	1.4							6.0	11.5
NNW	1.8	3.7	1.8	.9	.9	.5						9.7	8.5
VARBL													
CALM													
	7.8	19.8	24.0	25.8	8.8	10.1	3.7					100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 217

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.4	.5	2.8	.5							5.1	10.9
NNE	.9	1.9	2.8	.9	2.3							8.9	10.1
NE	.9	2.3	3.3	2.3								8.9	7.8
ENE	.5	1.9	.9	1.9								5.1	8.5
E		1.4	.5									1.9	5.3
ESE	.5	.5	1.4	1.9								4.2	9.6
SE	1.4	.9	.5	2.3	.5	.5	.5					6.5	11.9
SSE	.5	.9	.9	2.3	1.4	.9	.9					7.9	15.2
S	1.4	.9	.5	1.4	.9	1.9	.5	.5				7.9	16.5
SSW	.5	1.4	.5	2.3	.5	1.9						7.0	14.4
SW	1.9	1.9	.9	2.3		.5	.5					7.9	9.8
WSW	.5	.9	1.4		.9	.5						4.2	11.2
W	.5	1.4	.5	.9	.9	1.4	.5					6.1	15.4
WNW			1.9	.9		1.4						4.2	13.9
NW	.9	.9	2.3	1.4	1.4							7.0	10.1
NNW		1.9	1.9	1.9	1.4							7.0	10.3
VARBL													
CALM													
	10.3	20.6	20.6	25.7	10.7	8.9	2.8	.5				100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 214

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N			.9	1.4	.9							3.3	13.0
NNE	1.4	1.4	2.3	1.9	.5							7.5	8.4
NE	1.4	2.8	1.4	1.4	.5							7.5	7.1
ENE	.5	1.4	4.2	1.9								8.0	8.7
E	.9	.5	1.9									3.3	6.0
ESE				1.4	.5							1.9	13.5
SE		.5	3.8	2.3	1.4	1.4	.5					9.9	14.6
SSE		1.4	1.4	.9			.5					4.2	11.4
S		1.9	.9	3.3	.9	1.9						9.4	13.7
SSW		.9		1.9	1.4	1.9						6.1	16.2
SW	.5	2.3	1.4	1.9								6.1	8.1
WSW	.9	1.4	1.4		.5	.5						4.7	8.7
W	.9	1.4	1.4	2.8	.5	.9	.9	.5				9.4	14.7
WNW	.5	.5	1.4	.5	1.9	.5						5.2	13.0
NW	.5	.9	1.4	1.9	1.4							6.1	11.3
NNW	.5	1.9	2.8	.9	.5	.9						7.5	10.4
VARBL													
CALM													
	8.0	19.2	26.8	24.9	10.8	8.0	1.9	.5				100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 213

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.9	1.4	.9	.9	.5						4.6	12.1
NNE	.9	.9	2.8	3.2	.9							8.8	10.1
NE	.9	1.4	1.9	1.4								5.6	7.5
ENE	.9	.9	1.4	.9								4.2	6.9
E	.5	1.9	1.4	.9	.9							5.6	9.2
ESE	.9	1.9	1.4	.9								5.1	7.2
SE	.5		.5	.9	1.4	1.4	.5					5.1	17.7
SSE	.9	.5	2.3	4.6	.9	.9	.5					10.6	13.3
S		.9	1.4	3.2	4.2	.9	.5					11.1	15.1
SSW	.5	.5	.9	.9	.9	1.4		.5				5.6	17.0
SW	2.8	2.3	.9	.9	.5							7.4	6.4
WSW	.9	2.3	1.9	.5	.9		.5					6.9	9.7
W	1.4	1.4	.5	.5	1.4	.5	.5					6.0	11.6
WNW	.9	.5	.9	1.9	.5	1.4						6.5	13.9
NW	.5	.9	.9	.9	.9							4.2	10.0
NNW		.9	.5	.5		.9						2.8	13.3
VARBL													
CALM													
	12.5	18.1	20.8	23.1	14.8	7.9	2.3	.5				100.0	11.5

TOTAL NUMBER OF OBSERVATIONS 216

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.4	.5	1.4		.5						3.7	10.4
NNE	.9	.9	1.8	1.8								5.5	8.7
NE	.5		1.8	1.4								3.7	10.0
ENE	.5	2.3	.9	.5								4.1	7.0
E	1.4	2.3		.9								4.6	5.7
ESE		1.4	2.3	.5								4.1	7.4
SE	.5	1.8	2.3	3.2	3.2	.5						11.5	12.6
SSE	.9	1.4	.9	1.8	2.8	.5		.5				8.7	14.2
S		2.8	2.3	3.2	.5	.5						9.2	10.3
SSW	.9	1.8	.5	1.4	.9	.9	.5					6.9	12.3
SW	2.3	.9	.9	2.3	.5	.9	.5	.5				8.7	12.8
WSW	.9	1.8	.5	.9	.5	.5						5.0	9.5
W	.9	.5	1.4	.5	1.4	.5		.9				6.0	16.6
WNW		1.8	2.3	1.8		.9						6.9	11.0
NW	1.4	.5	.9	1.4								4.1	7.2
NNW	.5	2.8	2.8	.9		.5						7.3	8.4
VARBL													
CALM													
	11.5	24.3	22.0	23.9	9.6	6.0	.9	1.8				100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 218

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) HAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.9	.5	.9	.5							3.2	10.0
NNE	.5	1.8	1.4	1.4	1.4							6.5	10.9
NE			.9	.9								1.8	11.0
ENE	.5	.9		.9								2.3	6.4
E		.9	1.4	.5	.5							3.2	9.1
ESE		1.4	2.3	1.4								5.1	8.5
SE	.5	.9	3.7	2.3	.5							7.8	9.6
SSE	.9	.9	2.3	6.0	1.8		.5				.5	12.9	13.9
S	.5	1.8	3.7	1.4	1.8	1.8	.5					11.5	13.4
SSW	1.4	.9	1.8	1.8	1.4	1.4						8.8	12.3
SW	1.4	2.8	.5	1.4	.5	1.4	.5	.5				7.8	12.6
WSW	1.4	1.8	2.8			.5	.5	.5				7.4	10.6
W		1.4	1.8	.5	.5	.5						4.6	10.2
WNW	.5	2.3	1.3	.9	.5							6.5	8.1
NW	.5	1.4	.5	.5	.9							3.7	9.5
NNW	.9	.9	1.8	1.4	.5	.5						6.0	10.3
VARBL													
CALM													
	9.2	21.2	27.6	22.1	10.6	6.0	1.8	.9			.5	100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 217

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) HAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N				.5	1.4	.5						2.3	17.8
NNE		.9	2.8	1.9	1.4	.5						7.4	12.1
NE			.9									.9	8.5
ENE			.9	.9	.5							2.3	11.8
E	.5	.9	.5	1.4								3.3	9.1
ESE	.9	1.4	.9	.9								4.2	7.0
SE	.5	3.7	2.8	3.7	.9	.9	.5					13.0	10.5
SSE	.9	.5	1.4	1.4	2.3	1.4						7.9	14.3
S	.5	.9	2.8	1.9	1.9	2.3						10.2	14.2
SSW	.5	1.9	2.3	.9	2.3	2.3						10.2	13.7
SW	.9	1.9	.9	2.8	.9	.9	.5	.5				9.3	13.5
WSW		.5	.5			.5						1.4	13.0
W	.5	1.4	.5	.5	.5		.9					4.2	13.2
WNW	1.4	3.3	1.9	1.4	.9							8.8	7.9
NW	.9	1.4	1.4	.9	1.9							6.5	10.3
NNW	.5	3.3	2.3	1.4	.5							7.9	8.5
VARBL													
CALM													
	7.9	21.9	22.8	20.5	15.3	9.3	1.9	.5				100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 215

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.8	1.4	1.8	.9							6.5	9.5
NNE		2.3	2.8	2.8		.9						8.8	10.6
NE	.5	1.8	1.8	.9								5.1	7.2
ENE			.5	.9								1.4	10.7
E	.5	.9	.5	1.8	.9							4.6	11.3
ESE		.9				.5						1.4	12.0
SE		2.3	2.3	3.7	.5	.9						9.7	11.2
SSE	1.4	.9	1.4	.9	2.3	1.8	.5					9.2	14.3
S	.9		2.3	.9	1.4	2.3						7.8	15.0
SSW	.9	.9	3.2	2.3	2.3	1.4						11.1	12.6
SW	.9		1.4	.5		1.8	1.4					6.0	18.7
WSW		.9	.5	1.8	.9							4.1	12.3
W	.5	.9	1.8	.9	.5							4.6	8.2
WNW	.5	1.8	.5	1.4	.5							4.6	9.2
NW	1.4	1.8	2.3	2.3	.9	.9						9.7	10.7
NNW	.9	.5	1.4	2.8								5.5	9.2
VARBL													
CALM													
	8.8	18.0	24.0	25.8	11.1	10.6	1.8					100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 217

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.9	.9	1.5	.8	.2						4.3	11.5
NNE	.6	1.5	2.6	2.2	.8	.2	.1					8.0	10.1
NE	.5	1.1	1.7	1.2	.1							4.5	8.1
ENE	.4	1.0	1.3	1.2	.1							3.9	8.4
E	.5	1.2	.8	.8	.3							3.6	8.3
ESE	.3	1.0	1.2	.9	.1	.1						3.6	8.7
SE	.4	1.3	2.3	2.5	1.2	.8	.2					8.7	12.4
SSE	.7	1.1	1.5	2.4	1.6	.9	.3	.1			.1	8.7	13.9
S	.5	1.3	2.0	2.4	1.6	1.7	.3	.1				9.9	14.2
SSW	.6	1.1	1.3	1.7	1.3	1.7	.1	.1				7.8	13.9
SW	1.4	1.7	1.0	1.6	.3	.8	.5	.2				7.4	11.8
WSW	.6	1.4	1.3	.5	.5	.4	.1	.1				4.8	10.5
W	.7	1.3	1.2	.8	.7	.5	.4	.2				5.7	12.6
WNW	.6	1.4	1.4	1.4	.7	.5	.1					6.3	11.0
NW	.9	1.0	1.3	1.4	1.1	.1						5.9	10.3
NNW	.6	2.0	1.9	1.3	.5	.4						6.7	9.5
VARBL													
CALM													
	9.5	20.4	23.6	24.0	11.5	8.3	2.1	.6			.1	100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 1727

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE			2.8									2.8	8.0
NE		2.8		.9	1.9							5.6	10.7
ENE		1.9	.9									2.8	6.0
E													
ESE	.9	.9	1.9	.9	1.9							6.5	11.6
SE		.9	9.3	3.7	.9	1.9	.9					17.6	12.6
SSE	1.9		4.6	6.5	4.6	3.7		1.9				23.1	16.6
S		1.9	5.6	6.5	1.9							15.7	11.4
SSW		.9	.9									1.9	6.0
SW	.9	.9	.9		1.9							4.6	10.8
WSW		.9		1.9								2.8	10.7
W				.9	.9	.9						2.8	19.7
WNW	1.9	2.8										4.6	4.4
NW	.9	3.7	.9	.9	1.9							8.3	9.1
NNW			.9									.9	7.0
VARBL													
CALM													
	6.5	17.6	28.7	22.2	15.7	6.5	.9	1.9				100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 108

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.9										.9	6.0
NNE		1.9			1.9							3.7	12.0
NE					.9							.9	20.0
ENE	.9	2.8										3.7	4.3
E		1.9	.9					.9				3.7	12.5
ESE	1.9	.9	1.9	2.8								7.4	8.4
SE		2.8	6.5	.9	.9		1.9					13.0	12.6
SSE		.9	6.5	6.5	6.5	2.8	.9					24.1	15.3
S		.9	3.7	2.8	.9	.9						9.3	12.0
SSW	.9		.9	2.8								4.6	10.4
SW	1.9	1.9		1.9	1.9							7.4	10.0
WSW			.9	1.9								2.8	11.0
W	1.9		1.9			2.8						6.5	12.9
WNW		1.9	1.9									3.7	6.0
NW	.9		.9	3.7								5.6	9.5
NNW	.9		1.9									2.8	5.7
VARBL													
CALM													
	9.3	16.7	27.8	23.1	13.0	6.5	2.8	.9				100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 108

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.9									.9	10.0
NNE			2.8	.9	.9							4.7	11.0
NE	1.9	.9	.9			1.9						5.6	10.8
ENE	.9	.9	1.9									3.7	6.0
E		1.9										1.9	5.5
ESE	2.8	1.9			1.9							6.5	7.1
SE		2.8	6.5	5.6	1.9	2.8						19.6	12.4
SSE	1.9	1.9	3.7	5.6	4.7	2.8	1.9					22.4	15.0
S		.9	2.8	4.7	.9	.9						10.3	1[illegible].9
SSW	.9		.9	2.8								4.7	10.2
SW				.9	.9	1.9						3.7	20.5
WSW			1.9	.9								2.8	8.7
W					1.9	.9						2.8	21.3
WNW		.9	.9									1.9	6.5
NW		.9	1.9	1.9								4.7	9.0
NNW		.9	.9	1.9								3.7	10.5
VARBL													
CALM													
	8.4	14.0	26.2	25.2	13.1	11.2	1.9					100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 107

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0											1.0	3.0
NNE	1.9	4.9	1.0	1.0								8.7	5.3
NE		3.9				1.0						4.9	8.6
ENE	1.9	1.0			1.0	1.0						4.9	10.2
E		1.9			1.0							2.9	8.7
ESE		1.0		1.0	1.0							2.9	14.3
SE		2.9	5.8	10.7								19.4	11.4
SSE			4.9	5.8	5.8	1.0	2.9					20.4	17.4
S	1.0	2.9	1.9	1.9	1.0							8.7	8.8
SSW		1.0			1.0							1.9	12.5
SW		1.0	1.0	2.9								4.9	10.6
WSW	1.9		2.9	1.0								5.8	6.7
W	1.9				2.9	1.9						6.8	15.7
WNW	1.0											1.0	3.0
NW	1.0	1.9	1.0									3.9	5.0
NNW			1.0	1.0								1.9	9.0
VARBL													
CALM													
	11.7	22.3	19.4	25.2	13.6	4.9	2.9					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 103

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.0	2.0									3.0	6.3
NNE		2.0										2.0	4.0
NE		1.0				1.0						2.0	14.0
ENE			3.0		2.0							5.0	12.4
E		1.0	2.0		1.0							4.0	9.8
ESE		1.0	1.0	2.0								4.0	10.5
SE		1.0	5.0	4.0		2.0	1.0					12.9	13.6
SSE		3.0	5.9	6.9			1.0					16.8	10.5
S	1.0	2.0	4.0	1.0		1.0						8.9	9.7
SSW	1.0	1.0	2.0	2.0	2.0							7.9	10.5
SW		1.0	1.0	3.0	2.0							6.9	12.6
WSW		2.0	1.0	3.0								5.9	9.3
W		3.0	4.0	1.0	1.0							8.9	9.1
WNW	1.0	3.0		1.0								5.0	5.8
NW		3.0	2.0	1.0								5.9	7.2
NNW	1.0											1.0	3.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X		
	4.0	24.8	32.7	24.8	7.9	4.0	2.0					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 101

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		2.0	2.0			1.0						4.9	10.2
NNE		2.0	1.0	1.0								3.9	7.8
NE	2.0	2.0	1.0			1.0						5.9	7.8
ENE		2.9	1.0									3.9	6.5
E	1.0	2.9	3.9	1.0		1.0						9.8	8.5
ESE	1.0	2.0	5.9	1.0		1.0						10.8	9.3
SE	2.9		2.0	2.9			2.0					9.8	11.9
SSE	1.0	2.0	2.0	6.9	2.0	1.0		1.0				15.7	13.9
S	1.0	1.0	1.0	1.0								3.9	7.0
SSW		1.0			1.0							2.0	11.5
SW	1.0	2.0	2.0		2.9	1.0						8.8	12.2
WSW	1.0	1.0	1.0	2.9								5.9	9.8
W		2.0	1.0	2.0								4.9	8.4
WNW	1.0	2.0		1.0	1.0							4.9	8.4
NW	2.9				1.0							3.9	6.3
NNW		1.0										1.0	5.0
VARBL													
CALM													
	14.7	25.5	23.5	19.6	7.8	5.9	2.0	1.0				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 102

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

C0002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.0	1.0									2.9	6.0
NNE			2.0	2.0	2.0	1.0						6.9	14.6
NE		2.9		1.0								3.9	6.3
ENE		1.0	1.0									2.0	7.0
E	2.9	2.0	2.0		1.0							7.8	6.6
ESE	1.0		2.9									3.9	7.0
SE	1.0	2.0	7.8	2.0	2.9		1.0	1.0				17.6	13.2
SSE		1.0	4.9	6.9	3.9	1.0		1.0				18.6	14.6
S	1.0	2.0	2.9	1.0		2.0						8.8	12.0
SSW				1.0	1.0							2.0	16.0
SW	1.0	1.0	2.9	1.0	1.0							6.9	9.1
WSW	1.0	1.0	2.0	2.0								5.9	8.3
W	2.0				1.0							2.9	6.7
WNW	1.0				1.0							2.0	10.5
NW		2.0	1.0	2.0	1.0							5.9	11.8
NNW		1.0		1.0								2.0	7.5
VARBL													
CALM													
	11.8	16.7	30.4	19.6	14.7	3.9	1.0	2.0				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 102

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			1.0	1.0								2.0	10.5
NNE		1.0	1.0			1.0						3.0	12.3
NE	1.0	1.0	1.0		1.0							4.0	9.0
ENE		1.0			1.0							2.0	12.0
E	1.0	3.0	1.0	1.0								6.0	5.7
ESE			2.0									2.0	7.5
SE		2.0	4.0	11.0	1.0		2.0					20.0	12.3
SSE	1.0		4.0	9.0	7.0	3.0						26.0	14.5
S		2.0	1.0	2.0	1.0							6.0	9.7
SSW			2.0	1.0	1.0							4.0	12.5
SW	1.0	1.0	3.0		2.0							7.0	9.7
WSW	1.0		1.0	1.0								3.0	7.3
W	1.0	1.0			3.0							5.0	11.6
WNW	1.0	1.0										2.0	4.5
NW		2.0	1.0	3.0								6.0	10.0
NNW		2.0										2.0	5.0
VARBL													
CALM													
	7.0	17.0	24.0	29.0	17.0	4.0	2.0					100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 100

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.6	.8	.1		.1						1.9	8.0
NNE	.2	1.4	1.3	.6	.6	.2						4.5	9.5
NE	.6	1.8	.4	.2	.5	.6						4.1	9.6
ENE	.5	1.4	1.0		.5	.1						3.5	8.1
E	.6	1.8	1.2	.2	.4	.1		.1				4.5	8.1
ESE	1.0	1.0	1.9	1.0	.6	.1						5.5	9.3
SE	.5	1.8	5.9	5.1	1.0	.8	1.1	.1				16.2	12.5
SSE	.7	1.1	4.8	6.7	4.3	1.9	.8	.5				20.9	14.9
S	.5	1.7	2.9	2.6	.7	.6						9.0	10.7
SSW	.4	.5	.8	1.2	.7							3.6	11.0
SW	.7	1.1	1.3	1.2	1.6	.4						6.3	11.5
WSW	.6	.6	1.3	1.8								4.3	8.7
W	.8	.7	.8	.5	1.3	.8						5.1	12.5
WNW	.8	1.4	.4	.2	.2							3.1	6.3
NW	.7	1.7	1.1	1.6	.5							5.5	8.8
NNW	.2	.6	.6	.5								1.9	7.3
VARBL													
CALM													
	9.1	19.3	26.6	23.6	12.9	5.9	1.9	.7				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 831

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.4	2.2			1.4						6.5	9.6
NNE			.7			.7						1.4	16.0
NE	1.4	.7		.7								2.9	5.5
ENE	1.4	2.9	.7	1.4								6.5	6.7
E	.7	.7	2.2	.7								4.3	7.8
ESE	1.4	.7	2.2	.7								5.1	7.6
SE		2.9	4.3	3.6	2.2							13.0	10.8
SSE	.7	1.4	2.2	1.4	1.4	2.2	2.9					12.3	17.4
S		.7	2.2	5.1	.7							8.7	12.5
SSW			2.2	1.4	.7							4.3	12.0
SW	1.4		.7	.7								2.9	6.5
WSW	2.2		.7	.7								3.6	4.8
W		1.4	2.2	2.2								5.8	9.0
WNW	.7	2.9	1.4	3.6	1.4							10.1	10.4
NW	.7		2.9	.7	2.9							7.2	12.6
NNW	2.2	1.4		1.4								5.1	7.1
VARBL													
CALM													
	14.5	17.4	26.8	24.6	9.4	4.3	2.9					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 138

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N					.7	1.4						2.2	22.3
NNE	1.4	1.4		.7								3.6	5.6
NE	1.4	.7	1.4	.7								4.3	7.2
ENE		2.9	1.4									4.3	5.3
E		2.2	3.6	.7								6.5	7.6
ESE	.7	.7	1.4									2.9	6.3
SE	.7	2.9	4.3	1.4	3.6	.7						13.8	11.4
SSE		1.4	1.4	3.6	1.4	3.6	1.4					13.0	17.6
S		2.2	1.4	2.2	.7							6.5	9.9
SSW	1.4		2.2	1.4								5.1	8.0
SW	1.4	.7		2.9	.7							5.8	10.6
WSW	1.4		1.4									2.9	5.5
W	.7	2.2		1.4								4.3	7.5
WNW	.7	2.2	1.4	2.9	3.6							10.9	11.8
NW	1.4	2.9	2.2	2.9	.7							10.1	8.8
NNW		.7	2.2	.7								3.6	9.0
VARBL													
CALM													
	11.6	23.2	24.6	21.7	11.6	5.8	1.4					100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 138

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N			.7									.7	10.0
NNE				.7	.7							1.4	14.0
NE	.7			1.4	.7							2.9	11.5
ENE	1.4	3.6	2.9	2.2								10.1	7.5
E			.7									.7	8.0
ESE	.7	1.4	3.6									5.8	6.8
SE	.7	2.2	3.6	1.4	2.2	.7	.7					11.6	12.1
SSE			2.2	3.6	4.3	.7	2.9					13.8	17.8
S	2.2		1.4	2.9								6.5	8.8
SSW	2.2		2.2	1.4								5.8	8.0
SW	1.4	1.4	.7	3.6								7.2	8.8
WSW	2.9	.7	.7	.7								5.1	5.3
W	.7	1.4		2.2								4.3	9.3
WNW	1.4	2.2	1.4	1.4	.7							7.2	8.2
NW	2.2	3.6	.7	3.6	2.2							12.3	9.6
NNW			2.9	1.4								4.3	9.5
VARBL													
CALM													
	16.7	16.7	23.9	26.8	10.9	1.4	3.6					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 138

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.5										1.5	6.0
NNE		3.0	.7	1.5								5.2	5.9
NE	.7	1.5	1.5									3.7	6.4
ENE	2.2	.7	2.2	1.5								6.7	7.6
E		.7	1.5	.7								3.0	7.5
ESE		2.2	2.2									4.4	7.2
SE	.7	2.2	1.5	5.2	.7	1.5						11.9	11.9
SSE	.7	2.2	1.5	3.0	2.2	1.5	1.5					12.6	15.1
S	1.5	2.2	1.5	2.2	.7							8.1	8.5
SSW			1.5	1.5								3.0	11.3
SW	1.5	.7	.7		.7							3.7	6.8
WSW	1.5	1.5	2.2	1.5	.7							7.4	8.4
W		3.0	5.2	2.2	.7							11.1	9.3
WNW	2.2	.7				2.2						5.2	12.0
NW	.7	2.2	2.2	3.0	.7							8.9	9.4
NNW	.7	.7	.7	.7	.7							3.7	9.2
VARBL													
CALM													
	12.6	25.2	25.2	23.0	7.4	5.2	1.5					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 135

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4		2.2									3.6	5.8
NNE	.7	3.6	1.4	1.4								7.2	6.5
NE		1.4	1.4									2.9	7.5
ENE		2.9	.7	.7								4.3	6.3
E		1.4	.7									2.2	6.7
ESE	.7	2.9										3.6	4.8
SE		2.2	1.4	1.4	.7							5.8	9.6
SSE	.7	3.6	1.4	2.2	2.9	.7	.7	1.4				13.7	14.8
S	.7	.7	2.2	1.4	.7	.7						6.5	10.3
SSW		1.4	2.9									4.3	7.2
SW		2.9	2.2									5.0	7.0
WSW		2.9	3.6	.7	.7							7.9	8.1
W	1.4	5.0	.7	2.2	.7							10.1	7.4
WNW	1.4	.7	4.3	1.4								7.9	7.9
NW	.7	2.2	3.6	1.4	.7							8.6	8.9
NNW	.7	1.4	2.2	.7	1.4							6.5	9.6
VARBL													
CALM													
	8.6	35.3	30.9	13.7	7.9	1.4	.7	1.4				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 139

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.2	2.2	.7								5.1	8.3
NNE	.7	1.4	.7									2.9	6.3
NE	1.4	1.4	.7	1.4								5.1	6.0
ENE		.7	1.4	.7								2.9	9.0
E	.7	1.4	1.4	1.4								5.1	7.0
ESE	1.4	1.4	2.2	1.4								6.5	7.0
SE	.7	2.2	3.6	3.6		.7						10.9	9.7
SSE	.7		.7	.7		3.6	.7					6.5	19.4
S	.7	1.4		1.4	1.4	.7						5.8	11.8
SSW		.7	.7	2.2								3.6	11.4
SW	2.2	1.4	4.3	1.4								9.4	6.9
WSW	1.4	5.1	1.4	1.4	.7							10.1	6.8
W	.7	.7	1.4	1.4	.7							5.1	9.4
WNW	.7	2.2	1.4	.7								5.1	6.6
NW	1.4	1.4	3.6	1.4	.7							8.7	9.1
NNW	.7	1.4	3.6	1.4								7.2	7.4
VARBL													
CALM													
	13.8	25.4	29.7	21.7	3.6	5.1	.7					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 138

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7			.7	.7							2.2	11.0
NNE	1.5		2.2	1.5	.7							5.8	9.5
NE		2.9	.7	1.5								5.1	8.0
ENE		2.2	.7	2.2								5.1	9.4
E	1.5	1.5	2.2	.7								5.8	6.0
ESE	.7	1.5	1.5									3.6	6.0
SE	.7	2.9	5.1	3.6	2.2							14.6	11.0
SSE	2.2		3.6		.7	2.2	2.2					10.9	16.2
S	.7		.7	2.2	.7							4.4	11.8
SSW	.7	2.9	.7		.7	.7						5.8	8.9
SW	1.5	2.2	1.5	1.5								6.6	7.1
WSW	1.5	2.2	.7	.7	.7							5.8	7.3
W	2.9		2.9	1.5								7.3	6.8
WNW	.7	.7	2.9	.7		.7						5.8	9.0
NW	2.2	1.5	2.2	2.2	.7	.7						9.3	9.9
NNW					1.5							1.5	17.5
VARBL													
CALM													
	17.5	20.4	27.7	19.0	8.8	4.4	2.2					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 137

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

02002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	.7	1.4	.7	.7	1.4	.7						5.8	11.4
NE		3.6	.7	.7								5.1	7.4
ENE		.7	1.4	2.9		.7						5.8	11.9
E	.7	2.2	1.4	1.4								5.8	7.4
ESE		2.9	1.4									4.3	6.0
SE		2.2	5.1	3.6	1.4	.7						13.0	11.6
SSE	.7	2.2	3.6		2.2	2.2	2.2					13.0	16.2
S	.7		1.4	1.4	.7	.7						5.1	12.9
SSW		1.4		.7	1.4							3.6	13.2
SW	.7	2.2	2.2	2.2								7.2	7.7
WSW	1.4		2.2	1.4								5.1	8.7
W	1.4		2.2	2.9								6.5	9.6
WNW		1.4	1.4	2.9	1.4							7.2	11.4
NW	.7	.7	3.6			2.2						7.2	11.6
NNW	.7	1.4		2.2	.7							5.1	9.7
VARBL													
CALM													
	8.0	22.5	27.5	23.2	9.4	7.2	2.2					100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 138

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.6	.9	.2	.2	.4						2.7	9.8
NNE	.6	1.4	.8	.8	.4	.2						4.2	8.5
NE	.7	1.5	.8	.8	.1							4.0	7.3
ENE	.6	2.1	1.5	1.5		.1						5.7	7.9
E	.5	1.3	1.7	.7								4.2	7.2
ESE	.7	1.7	1.8	.3								4.5	6.6
SE	.5	2.5	3.6	3.0	1.6	.5	.1					11.9	11.1
SSE	.7	1.4	2.1	1.8	1.9	2.1	1.8	.2				12.0	16.6
S	.8	.9	1.4	2.4	.7	.3						6.4	10.7
SSW	.5	.8	1.5	1.1	.4	.1						4.5	9.7
SW	1.3	1.5	1.5	1.5	.2							6.0	7.8
WSW	1.5	1.5	1.6	.9	.4							6.0	7.1
W	1.0	1.7	1.8	2.0	.3							6.8	8.5
WNW	1.0	1.6	1.8	1.7	.9	.4						7.4	9.8
NW	1.3	1.9	2.6	1.9	1.1	.4						9.1	9.9
NNW	.6	.9	1.5	1.1	.5							4.6	9.0
VARBL													
CALM													
	12.9	23.3	27.1	21.7	8.6	4.4	1.9	.2				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 1101

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.6	1.7	1.7			.6					5.6	10.6
NNE	1.7	1.1	5.1	2.8	1.7	1.1						13.6	11.3
NE	.6	2.3	2.3	3.4	1.7							10.7	10.6
ENE	.6		1.1	1.1								2.8	10.6
E	.6	1.1	1.1									2.8	6.0
ESE		1.7	1.7	1.7								5.1	9.4
SE	1.1	1.7	4.0	4.0	1.1							11.9	10.4
SSE			2.3	5.1	2.8	1.7						11.9	15.7
S	1.1	.6	2.8	5.1	.6	.6						10.7	11.9
SSW	2.8	2.3										5.1	3.7
SW	.6	1.7										2.3	4.0
WSW	.6	.6	.6									1.7	4.7
W	2.3	.6	1.1									4.0	4.7
WNW	3.4	.6										4.0	2.7
NW	.6	1.1		1.7		1.1						4.5	12.8
NNW	.6	.6	1.7			.6						3.4	9.2
VARBL													
CALM													
	17.5	16.4	26.0	26.6	7.9	5.1	.6					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 177

USAFETAC FORM 0-8-5 (OL-A) JUL 66 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	.6	1.7	1.7	1.7	.6						7.9	10.9
NNE		1.7	5.1	5.1	1.1							13.0	10.2
NE	.6	.6	2.3	4.5	.6							8.5	10.5
ENE		.6	.6	.6								1.7	7.3
E	.6	2.3	1.1	.6								4.5	6.6
ESE	.6	1.7	2.8	1.7								6.8	7.9
SE	.6	2.3		2.3	1.1							6.2	10.7
SSE	1.1	.6	1.1	6.8	5.1							14.7	13.8
S	2.3	1.1	2.8	1.1	3.4							10.7	10.8
SSW	.6	1.7	.6	.6		.6						4.0	8.7
SW	.6											.6	3.0
WSW	.6	.6										1.1	2.5
W	2.3	1.1	.6									4.0	3.4
WNW	.6	1.1	.6	.6	.6							3.4	8.5
NW	1.7	.6		.6	1.1							4.0	8.9
NNW	2.3	3.4	2.3	.6	.6							9.0	6.7
VARBL													
CALM													
	15.8	19.8	21.5	26.6	15.3	1.1						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 177

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.6	.6	1.7	1.7	.6						5.7	12.9
NNE	.6	1.7	5.7	6.8								14.8	9.7
NE	1.1	1.7	2.8	1.7	.6	1.1						9.1	10.9
ENE	1.7	1.1										2.8	3.4
E	.6	4.5	1.1									6.2	4.9
ESE	.6	2.8		2.3								5.7	7.7
SE	.6	3.4	1.1	1.1	1.7							8.0	9.1
SSE		1.1		6.8	3.4							11.4	14.6
S	1.1	1.7	.6	4.5	4.0							11.9	12.3
SSW	1.1	1.1	.6									2.8	4.4
SW	1.7											1.7	2.7
WSW	2.3											2.3	2.5
W	.6	1.1										1.7	4.3
WNW	1.1	1.1	1.1	.6								4.0	6.4
NW	.6	.6	1.7	1.1	.6	.6						5.1	11.3
NNW	1.7	1.7	1.7		1.1	.6						6.8	8.4
VARBL													
CALM													
	15.9	24.4	17.0	26.7	13.1	2.8						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 176

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2		1.2	3.5		.6						6.4	11.7
NNE	.6	1.2	4.1	4.7	.6							11.0	10.6
NE	.6	1.7	4.1	.6								7.0	8.2
ENE	1.2	.6	.6	.6	1.2	.6						4.7	12.3
E	1.2	1.2	1.2									3.5	4.8
ESE	2.3	2.9	2.9	2.9	.6							11.6	7.8
SE		2.3	2.3	1.7								6.4	8.5
SSE		2.9	2.3	3.5	2.3	2.3						13.4	13.3
S	1.2	.6	1.7	1.7	2.9	.6						8.7	12.3
SSW	1.2	2.9		.6								4.7	5.4
SW	1.7	1.2										2.9	3.6
WSW	.6											.6	3.0
W	1.2	.6	1.7									3.5	5.2
WNW	.6	2.3		.6								3.5	6.5
NW	.6	1.7	.6		.6	.6						4.1	9.4
NNW	1.7	1.7	2.9	1.2	.6							8.1	7.9
VARBL													
CALM													
	15.7	23.8	25.6	21.5	8.7	4.7						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 172

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

30002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		3.5	.6	5.2	4.0							13.3	12.0
NNE	.6	2.9	.6	2.9								6.9	8.3
NE	.6	1.7	3.5	2.3								8.1	8.5
ENE	.6	2.3	2.3	.6								5.8	7.0
E	1.7	2.9	1.2	.6	.6							6.9	6.7
ESE		2.3	1.7									4.0	6.9
SE	1.7	1.2	2.9	2.9								8.7	8.8
SSE	1.2	1.7	4.0	.6	3.5	.6						11.6	11.7
S	.6	1.7	1.7	2.3	2.3							8.7	11.6
SSW	.6	.6	1.2	.6								2.9	7.6
SW	1.2	.6	1.2									2.9	5.2
WSW	1.2	2.3										3.5	4.2
W	1.7	2.3	1.2									5.2	4.4
WNW	1.2	1.2										2.3	4.3
NW		2.3	.6									2.9	5.0
NNW	.6	1.2	2.9	1.7								6.4	8.1
VARBL													
CALM													
	13.3	30.6	25.4	19.7	10.4	.6						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 173

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.1	1.7	3.4								6.9	10.3
NNE		2.3	3.4	6.3	.6							12.6	10.9
NE	1.1	.6	1.1	1.1								4.0	6.7
ENE	.6	2.9										3.4	4.5
E	.6	1.1	1.1	.6								3.4	6.5
ESE		2.3	1.1	1.1								4.6	7.4
SE	1.1	1.7	4.6	5.1	.6							13.1	9.6
SSE		.6	1.7	5.7	1.7	.6						10.3	13.7
S	.6	1.7		1.1	2.3							5.7	11.1
SSW	.6	1.7										2.3	4.0
SW	.6	1.1										1.7	3.7
WSW	1.1	1.1										2.3	3.8
W	.6	2.3	1.1									4.0	5.4
WNW	.6	4.0	1.7									6.3	5.8
NW	3.4	4.0	2.9									10.3	4.9
NNW	1.1	1.1	3.4	2.9	.6							9.1	9.8
VARBL													
CALM													
	12.6	29.7	24.0	27.4	5.7	.6						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 175

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

03022	HAUI OPTICAL SITE HI SOUTH TOWER	78-79	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1800-2000 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.7	5.7	2.3	3.4							13.6	11.2
NNE	.6	.6	4.0	7.4	.6							13.1	11.0
NE		2.3	3.4	1.1								6.8	7.3
ENE	.6	2.3		.6								3.4	5.5
E	.6	1.7	1.1									3.4	5.7
ESE	.6	1.1	1.7	2.3								5.7	8.6
SE	.6	2.3	4.0	10.2								17.0	10.3
SSE	.6	.6	1.1	2.3	4.0	2.8						11.4	16.7
S	.6	1.7		.6	1.7	.6						5.1	12.7
SSW	.6											.6	2.0
SW	.6	.6										1.1	4.5
WSW	1.1	1.1										2.3	3.3
W	1.1	1.1										2.3	4.3
WNW	1.1	.6	.6									2.3	5.0
NW	1.7	.6	1.1		.6							4.0	6.7
NNW	.6	3.4	.6	2.3	1.1							8.0	9.6
VARBL													
CALM													
	11.4	21.6	23.3	29.0	11.4	3.4						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 176

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.7	2.8	2.8	1.7	.6	.6					10.2	13.0
NNE		1.7	5.1	5.1		.6						12.5	10.8
NE	1.1	1.7	3.4	2.3								8.5	8.1
ENE		1.7	2.3	2.8								6.8	8.8
E	1.1	1.1	1.7	.6								4.5	7.4
ESE			1.1	3.4								4.5	12.3
SE		1.1	5.1	5.1	1.1							12.5	11.0
SSE		1.1	2.8	2.3	2.8	2.8	.6					12.5	15.8
S	1.7	2.3	.6	4.0								8.5	8.3
SSW	1.1											1.1	3.0
SW	2.3	1.1										3.4	3.2
WSW	1.1											1.1	1.5
W	2.3	.6	1.1									4.0	4.6
WNW	.6	.6	.6									1.7	5.0
NW	.6	.6			1.7							2.8	12.4
NNW	1.1	.6	1.7	1.1	.6							5.1	8.9
VARBL													
CALM													
	13.1	15.9	28.4	29.5	8.0	4.0	1.1					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 176

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00022 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.2	2.0	2.8	1.6	.3	.1					8.7	11.6
NNE	.5	1.6	4.1	5.1	.6	.2						12.2	10.5
NE	.7	1.6	2.9	2.1	.4	.1						7.8	9.1
ENE	.6	1.4	.9	.8	.1	.1						3.9	7.7
E	.9	2.0	1.2	.3	.1							4.4	6.1
ESE	.5	1.9	1.6	1.9	.1							6.0	8.4
SE	.7	2.0	3.0	4.1	.7							10.5	9.9
SSE	.4	1.1	1.9	4.1	3.2	1.4	.1					12.1	14.4
S	1.1	1.4	1.3	2.6	2.1	.2						8.8	11.4
SSW	1.1	1.3	.3	.2		.1						2.9	5.4
SW	1.1	.8	.1									2.1	3.8
WSW	1.1	.7	.1									1.9	3.4
W	1.5	1.2	.9									3.6	4.6
WNW	1.1	1.4	.6	.2	.1							3.4	5.6
NW	1.1	1.4	.9	.4	.6	.3						4.7	8.4
NNW	1.2	1.7	2.1	1.2	.6	.1						7.0	8.5
VARBL													
CALM													
	14.4	22.8	23.9	25.9	10.1	2.8	.2					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 1402

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.3			1.3	1.8						4.9	16.0
NNE		1.8	1.3	2.7								5.8	10.1
NE		1.8	1.8	3.6	.9	.4						8.4	11.3
ENE		1.3	4.4	2.2	.9							8.9	10.2
E		2.2	3.6	3.1	1.3	.4						10.7	11.0
ESE	.4	2.7	5.3	.9	.4							9.8	8.1
SE	.4	2.2	6.7	4.9	1.3							15.6	10.3
SSE		1.3	3.1	6.7	1.8	.4						13.3	11.9
S		4.0	1.8	1.3	.4							7.6	7.8
SSW		.9		.4								1.3	7.3
SW	.4	1.8										2.2	4.6
WSW		1.3	.4									1.8	5.8
W		.4										.4	5.0
WNW		.4	.4		.4							1.3	11.7
NW			1.3	.4	.9	.4	.4	.4				4.0	18.0
NNW	.4		.4	1.8	1.3							4.0	13.9
VARBL													
CALM													
	2.2	23.6	30.7	28.0	11.1	3.6	.4	.4				100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 225

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.9	.4	1.7	.4							3.5	11.8
NNE	.4	.9	.9	1.7	.4							4.4	10.6
NE		.4	2.2	2.6	1.3							6.6	12.1
ENE	.9	1.7	3.5	3.1	.9							10.0	10.2
E		3.9	4.4	4.8	2.6	.4						16.2	10.8
ESE		2.6	3.9	.9	.4							7.9	8.5
SE		2.2	7.9	6.1	.4							16.6	10.2
SSE	.4	.4	2.2	3.1	.9	.9	.4					8.3	13.3
S	.4	.9	3.9	3.1								8.3	9.5
SSW			1.3		.4							1.7	10.5
SW		.4			.4							.9	11.0
WSW		.9	.4									1.3	5.7
W		.9	.4									1.3	5.0
WNW		1.3	.9									2.2	6.6
NW	.4		1.3	.9	2.6	.9						6.1	15.9
NNW		.4	.4	.9	1.3	.9	.9					4.8	18.7
VARBL													
CALM													
	2.6	17.9	34.1	28.8	12.2	3.1	1.3					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 229

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.4	.4	.9	.9	.4						3.5	12.6
NNE		.9	.9	1.3	.4	.4						4.0	12.8
NE		.9		5.7	1.3							7.9	13.3
ENE		1.3	4.0	2.6	1.8	.4						10.1	11.7
E		2.6	6.6	4.0	1.3							14.5	10.0
ESE		2.2	4.0	1.3								7.5	8.2
SE		3.1	6.6	6.2	.4	.4						16.7	9.9
SSE	.4	1.8	1.8	.9	2.6	1.8						9.3	13.4
S	.4	.9	.4	1.8	.9							4.4	11.1
SSW	.4	.9	1.3	1.3								4.0	8.4
SW													
WSW	.9	.9										1.8	3.8
W	.4	1.8	1.3									3.5	5.6
WNW		.9	.9									1.8	7.3
NW	.4		.9	.9		.9						3.1	13.3
NNW		1.3	.9	2.2	2.6	.9						7.9	14.6
VARBL													
CALM													
	3.5	19.8	30.0	29.1	12.3	5.3						100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 227

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4	1.3	1.3	.4	.4						3.9	13.0
NNE	.9	.4	.9	2.6	.4							5.3	10.5
NE	.4	1.3	1.8	1.8	.4							5.7	9.7
ENE		.9	4.4	2.2	1.3							8.8	11.3
E	.4	3.1	5.3	4.4	1.8	.9						15.8	10.8
ESE		2.2	4.4	1.8	.9							9.2	9.6
SE	.9	1.8	5.7	4.4	.9	.4						14.0	10.2
SSE		1.3	.9	3.5	.4	2.2						8.3	14.2
S		1.8	1.8	.9	.9							5.3	10.3
SSW		1.3	.9									2.2	7.2
SW		1.8	.9									2.6	5.5
WSW	1.8	1.3										3.1	3.3
W	.9	.4										1.3	2.3
WNW	.9	1.8	1.3									3.9	5.8
NW	.4	.4	.9	.4	.4	.4						3.1	11.1
NNW	.4	.9		2.2	3.5	.4						7.5	15.3
VARBL													
CALM													
	7.0	21.1	30.3	25.4	11.4	4.8						100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 226

USAFETAC FORM AIR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.9	1.7	2.1	.9	.4	.4					7.3	12.4
NNE		.4	2.6	1.7	2.1							6.9	12.8
NE	.9	.9	1.7	1.7	.9							6.0	10.2
ENE		2.1	1.7	2.1	1.7	.4						8.2	11.6
E		2.1	3.0	1.3	1.3	.4						8.2	11.1
ESE	.4	1.7	3.0	2.1								7.3	8.2
SE	1.3	3.0	4.3	4.3	3.0							15.9	10.4
SSE	.9	.4	2.1	2.1	1.3	.9		.9				8.6	14.5
S	.9	2.6	1.7	1.3	.9							7.3	8.4
SSW		1.7	1.3	.4								3.4	7.6
SW	1.3	1.7	1.3									4.3	5.1
WSW	.4	.9	.4									1.7	4.8
W	.9	2.1	.4	.4								3.9	6.1
WNW	.4	1.7										2.1	4.0
NW	.4	.9	.9	2.1								4.3	9.8
NNW	.4	.4	1.3	.9	1.3	.4						4.7	13.2
VARBL													
CALM													
	9.0	23.6	27.5	22.7	13.3	2.6	.4	.9				100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 233

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.3	1.3	2.1	.9	.4						6.4	11.6
NNE		1.7	.9	3.9	.9							7.3	10.9
NE	.9	1.7	1.7	.9	1.3							6.4	9.1
ENE	.9	.9	3.9	2.1	2.1							9.9	10.7
E	.9	3.0	2.6	1.7	1.7							9.9	9.5
ESE	.4	2.1	1.7	.4								4.7	7.2
SE	.9	1.7	3.0	2.6	3.0	.9						12.0	12.4
SSE	.4	1.3	3.0	3.9			.4					9.0	10.2
S	.4	4.3	1.7	.4			.9					7.7	9.1
SSW	.9	1.3	.9	.4	.4							3.9	7.7
SW	.4		.4									.9	4.5
WSW	.9	1.7	1.3									3.9	5.1
W	.9	3.0	.9									4.7	5.0
WNW		.4										.4	4.0
NW		1.7		1.7	.9	.4						4.7	12.2
NNW	.4		1.3	3.4	2.6	.4						8.2	14.5
VARBL													
CALM													
	8.6	26.2	24.5	23.6	13.7	2.1	1.3					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 233

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.9	.9	2.2	.9							5.2	11.4
NNE	.9	.9	.4	3.0	.9							6.0	10.2
NE	.9	1.3	2.6	3.4	1.3	.4						9.9	12.1
ENE		4.3	2.2	3.9	1.3	.4						12.1	10.6
E		2.2	3.9	2.2	1.3							9.5	10.3
ESE		1.3	1.7	1.7	.9							5.6	10.8
SE	.9	4.3	3.4	5.2	.9							14.7	9.6
SSE	.9	1.7	1.3	4.3	.4	.9						9.5	11.2
S	.4	1.3	3.0	1.3	.4							6.5	8.9
SSW	.4	1.7										2.2	4.6
SW		.9	.4									1.3	6.3
WSW		.9		.4								1.3	7.7
W	.4	.9	.4									1.7	5.0
WNW	.4	1.3	.9									2.6	6.0
NW	.9	1.7	.4	.4								3.4	5.6
NNW		.4	1.3	2.2	2.2	1.7	.9					8.6	17.7
VARBL													
CALM													
	6.5	25.9	22.6	30.2	10.3	3.4	.9					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 232

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.4	.4	.9	.4							2.6	10.5
NNE		.9	.4	5.2	.9							7.4	13.3
NE	.4	2.2	2.2	3.5	2.2							10.4	11.0
ENE		1.3	4.3	3.0	.9							9.5	10.2
E		1.3	1.7	4.3	1.7	.9						0.0	13.5
ESE		3.5	6.5	2.2								12.1	8.6
SE	.4	3.5	4.8	9.5		.9						19.0	10.5
SSE	.4	1.7	2.2	3.5	.4	.4						8.7	11.2
S		.4	1.3	2.2		.4		.4				4.8	13.7
SSW		.9										.9	5.0
SW	.4	.9	.4									1.7	5.3
WSW													
W		.9										.9	5.0
WNW		1.3										1.3	6.0
NW		.9	1.3		.9							3.0	10.3
NNW		.9	.9	2.6	1.7	1.3	.4					7.8	15.3
VARBL													
CALM													
	2.2	20.8	26.4	36.8	9.1	3.9	.4	.4				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 231

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.8	.8	1.4	.8	.4	.1					4.7	12.5
NNE	.3	1.0	1.0	2.8	.8	.1						5.9	11.5
NE	.4	1.3	1.7	2.9	1.2	.1						7.7	11.2
ENE	.2	1.7	3.5	2.7	1.4	.2						9.7	10.8
E	.2	2.6	3.9	3.2	1.6	.4						11.8	10.8
ESE	.2	2.3	3.8	1.4	.3							8.0	8.7
SE	.6	2.7	5.3	5.4	1.3	.3						15.6	10.4
SSE	.4	1.3	2.1	3.5	1.0	.9	.1	.1				9.4	12.4
S	.3	2.0	2.0	1.5	.4	.1	.1	.1				6.5	9.6
SSW	.2	1.1	.7	.3	.1							2.4	7.5
SW	.3	.9	.4		.1							1.7	5.6
WSW	.5	1.0	.3	.1								1.8	4.9
W	.4	1.3	.4	.1								2.2	5.2
WNW	.2	1.1	.5		.1							2.0	6.3
NW	.3	.7	.9	.9	.7	.4	.1	.1				4.0	12.4
NNW	.2	.5	.8	2.0	2.1	.8	.3					6.7	15.5
VARBL													
CALM													
	5.2	22.4	28.2	28.1	11.7	3.6	.6	.2				100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 1838

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.4										2.8	5.0
NNE		.5	.9									1.4	7.0
NE	.9	1.9	1.9	.5		.5						5.7	8.0
ENE	.5	4.2	3.3	9.9	1.9	1.4						21.2	11.4
E	.9	4.2	4.2	5.2	1.9							16.5	9.5
ESE	1.9	3.3	6.6	3.8	.5							16.0	8.3
SE	1.4	2.4	2.4	3.3	1.4							10.8	10.3
SSE	1.9	1.4	1.4	.9	.9	.9						7.5	9.7
S	1.4	.9	1.4		.5							4.2	7.1
SSW	2.4		1.4									3.8	4.4
SW	.5	.9	1.9									3.3	6.3
WSW	.9											.9	3.0
W	1.4			1.4								2.8	7.5
WNW	1.4	.5										1.9	3.0
NW	.5											.5	3.0
NNW		.5										.5	4.0
VARBL													
CALM													
	16.5	23.1	25.5	25.0	7.1	2.8						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 212

USAFETAC FORM AA 44 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.9	.5									2.8	4.3
NNE	.9	1.4	1.9	1.4								5.7	7.7
NE	.9	.9	2.8	.9								5.7	7.3
ENE	.5	3.8	6.6	6.6	1.9	1.4						20.8	11.2
E	.9	1.9	7.5	2.8	.9							14.2	9.0
ESE	1.4	.9	3.3	2.8								8.5	9.0
SE	1.4	4.2	4.2	4.7	.9							15.6	9.3
SSE	.5	.5	1.4	.5	1.4							4.2	11.6
S	.9	2.4	1.9									5.2	5.5
SSW	.9	.9	1.4									3.3	5.1
SW	.5		.5	.9								1.9	10.3
WSW	2.8	.5										3.3	2.4
W	1.4	.5		.9								2.8	5.5
WNW	.5	1.9		.5								2.8	5.2
NW													
NNW	2.4	.5		.5								3.3	4.3
VARBL													
CALM													
	17.5	21.2	32.1	22.6	5.2	1.4						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 212

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.9		.9								2.8	7.2
NNE		1.4	.9		.5							2.8	7.7
NE	.5	2.8	1.9	.9		.5						6.6	8.0
ENE	.9	3.3	6.6	9.4	1.4		.5					22.2	10.9
E	.9	2.4	9.4	6.6	.5							19.8	9.5
ESE	2.8	3.3	1.9	3.8	1.9							13.7	9.1
SE	1.4	2.4	.9	1.4	1.9	.5						8.5	10.0
SSE	.9	.5		.9	.5							2.8	9.2
S	1.9	.9		.5								3.3	5.0
SSW	2.4											2.4	2.0
SW	1.4	1.4										2.8	4.0
WSW	2.4		.5	1.4								4.2	7.2
W	1.9	.5	.5									2.8	4.2
WNW	2.4	1.9		.5								4.7	4.4
NW	.5											.5	2.0
NNW													
VARBL													
CALM													
	20.3	22.6	22.6	26.4	6.6	.9	.5					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 212

USAFETAC FORM AM 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0		.5		.5							1.9	7.5
NNE	.5	.5	2.9	.5								4.3	7.1
NE	1.0	4.3	2.9	1.0								9.1	6.2
ENE	.5	2.4	7.7	5.7	1.9		1.0	.5				19.6	12.0
E	1.0	3.8	4.3	4.3	2.4	.5						16.3	10.3
ESE	.5	1.4	.5	1.9	1.0	.5						5.7	11.8
SE	1.0	2.9	.5	2.4	1.4	2.4						10.5	12.7
SSE	1.0	1.9	.5	1.0								4.3	6.7
S	.5	1.4	1.4	1.0	.5							4.8	8.7
SSW	1.9	4.3		.5								6.7	4.5
SW	1.4	1.4										2.9	3.8
WSW	1.0	1.0	1.0	.5								3.3	5.6
W	1.4	1.0	1.0	.5								3.8	5.4
WNW	2.9	.5	1.0									4.3	4.2
NW	1.0											1.0	3.0
NNW		1.4										1.4	4.3
VARBL													
CALM													
	16.3	28.2	23.9	19.1	7.7	3.3	1.0	.5				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 209

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002	MAUI OPTICAL SITE HI SOUTH TOWER	78-80	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.4	.9									2.4	5.8
NNE		2.8		.5								3.3	6.1
NE	.5	2.4	3.8	.9			.5					8.1	8.9
ENE	1.4	3.3	6.2	3.8	1.9	.5						17.1	9.9
E	.9	1.9	4.7	1.9	1.9							11.4	9.9
ESE	.5		1.4	3.3	.9	.5						6.6	13.3
SE	.5	2.8	.5	.9	.9	.9						6.6	10.5
SSE	1.9	3.3	.9	.9		.5						7.6	7.4
S	.9	2.4	2.4	1.9		.5						8.1	8.6
SSW	.9	2.4	.9	.9								5.2	6.5
SW	1.9	.9	.5									3.3	3.7
WSW	1.9	1.4	1.4									4.7	4.7
W	2.4	2.4	.9	.5								6.2	4.9
WNW	1.9	1.9	.9									4.7	4.5
NW	.5	1.4	.9	.5								3.3	6.7
NNW		.9	.5									1.4	6.3
VARBL													
CALM													
	16.1	31.8	27.0	16.1	5.7	2.8	.5					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 211

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.0	1.0									3.9	5.0
NNE		1.0	.5									1.5	5.3
NE	.5	2.4	5.4	3.4								11.7	9.2
ENE	1.0	4.4	6.3	2.0		1.0	.5					15.1	9.8
E	1.0	3.4	3.4	2.0	1.0	1.0						11.7	9.6
ESE	.5	2.0	2.9	2.9	1.0		.5					9.8	11.0
SE	.5	1.5	2.0	.5	1.0	1.0						6.3	11.8
SSE		1.0	.5	2.4		.5						4.4	12.0
S	.5	3.4	1.0	.5	1.0	.5						6.8	8.7
SSW	2.0	3.4	1.5	.5								7.3	5.9
SW	2.9	2.9		.5								6.3	4.5
WSW	.5	2.9		.5	.5							4.4	6.8
W	.5	2.0	1.0	1.0								4.4	6.8
WNW	1.0	2.9										3.9	4.5
NW	.5	1.0										1.5	4.3
NNW	1.0											1.0	3.0
VARBL													
CALM													
	13.2	36.1	25.4	16.1	4.4	3.9	1.0					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 205

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.5	1.0									1.4	7.3
NNE	1.9	1.9	1.9	.5								6.3	5.6
NE	.5	1.0	6.3	1.4	.5							9.7	9.1
ENE	1.0	3.9	8.2	7.2	1.4	.5	1.0					23.2	11.1
E	1.0	1.9	4.3	3.4	1.0							11.6	9.5
ESE	.5	2.4	2.9	3.4	.5	.5						10.1	10.4
SE	1.0	2.4	3.4	1.4	1.4	1.0						10.6	11.1
SSE	1.0	.5	1.9	1.4								4.8	8.3
S	1.4	.5	1.4	.5	.5	1.0						5.3	10.1
SSW	.5	1.9			.5							2.9	6.2
SW	2.4	1.9	1.0	.5								5.8	4.8
WSW	1.0		1.0									1.9	4.5
W	2.4		1.0	.5								3.9	4.5
WNW	.5											.5	2.0
NW	.5	1.0										1.4	4.0
NNW		.5										.5	5.0
VARBL													
CALM													
	15.5	20.3	34.3	20.3	5.8	2.9	1.0					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 207

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	2.4	.5									4.8	4.2
NNE		.5	1.4	.5								2.4	8.4
NE	.5	2.9	1.4	.5	1.4							6.8	9.2
ENE		4.3	7.2	10.1	1.4	1.4	.5					25.1	11.9
E	.5	3.4	3.9	6.3								14.0	9.1
ESE		1.4	3.4	4.8	2.4	.5						12.6	12.5
SE	1.0	1.4	3.4	1.4	1.9	1.0						10.1	11.7
SSE	1.0	1.4	1.9	2.9	.5	.5						8.2	10.5
S	.5	1.0	1.4		1.0							3.9	8.8
SSW	1.0	1.4	.5									2.9	4.3
SW	1.4	1.4	1.0									3.9	4.6
WSW	.5											.5	1.0
W		.5	.5	1.4								2.4	10.4
WNW	1.0											1.0	2.0
NW	1.0											1.0	2.5
NNW	.5											.5	3.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X		
	10.6	22.2	26.6	28.0	8.7	3.4	.5					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 207

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-80 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.4	.5	.1	.1							2.9	5.5
NNE	.4	1.3	1.3	.4	.1							3.5	6.8
NE	.7	2.3	3.3	1.2	.2	.1	.1					7.9	8.3
ENE	.7	3.7	6.5	6.9	1.5	.8	.4	.1				20.5	11.1
E	.9	2.9	5.3	4.1	1.3	.2						14.4	9.6
ESE	1.0	1.9	2.9	3.3	1.0	.2	.1					10.4	10.4
SE	1.0	2.5	2.1	2.0	1.4	.8						9.9	10.8
SSE	1.0	1.3	1.1	1.4	.4	.3						5.5	9.4
S	1.0	1.6	1.4	.5	.4	.2						5.2	8.0
SSW	1.5	1.3	.7	.2	.1							4.3	5.1
SW	1.6	1.4	.6	.2								3.8	5.0
WSW	1.4	.7	.5	.3	.1							2.9	5.2
W	1.4	.8	.6	.8								3.6	5.9
WNW	1.4	1.2	.2	.1								3.0	4.2
NW	.5	.4	.1	.1								1.1	4.6
NNW	.5	.5	.1	.1								1.1	4.4
VARBL													
CALM													
	15.8	25.7	27.2	21.7	6.4	2.7	.5	.1				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 1675

USAFETAC FORM AA 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	.6										1.2	3.5
NNE		.6	3.0	1.8	.6							6.0	11.0
NE	.6	.6	3.0	6.6	5.4	.6						16.9	13.9
ENE	.6	3.0	6.6	13.9	10.2	2.4						36.7	14.1
E		.6	4.2	8.4	6.6	.6						20.5	14.1
ESE			3.0	3.0	.6							6.6	11.6
SE	.6	.6	1.2	1.2	.6	.6						4.8	11.8
SSE													
S	.6	.6										1.2	4.5
SSW		.6	1.2									1.8	6.7
SW	.6											.6	1.0
WSW	.6		.6									1.2	4.5
W													
WNW	.6											.6	3.0
NW		.6										.6	5.0
NNW	1.2											1.2	2.0
VARBL													
CALM													
	6.0	7.8	22.9	34.9	24.1	4.2						100.0	12.8

TOTAL NUMBER OF OBSERVATIONS 166

USAFETAC ORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00032 STATION | MAUI OPTICAL SITE HI SOUTH TOWER STATION NAME | 78-79 YEARS | SEP MONTH

ALL WEATHER CLASS | 0300-0500 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			1.2	.6								1.8	8.7
NNE		1.8	2.4	.6	1.2							6.0	10.5
NE		.6	4.2	7.1	4.8	.6						17.3	13.4
ENE		4.8	9.5	10.7	8.9							33.9	12.3
E		1.2	7.1	10.1	3.6							22.0	12.0
ESE	.6	1.8	1.8	3.0	.6							7.7	9.8
SE		.6		2.4								3.0	11.6
SSE		.6	1.2									1.8	6.3
S		.6										.6	6.0
SSW	.6	.6										1.2	3.0
SW		1.2										1.2	4.5
WSW	.6											.6	1.0
W		1.2										1.2	5.0
WNW			.6									.6	10.0
NW		.6	.6									1.2	6.0
NNW													
VARBL													
CALM													
	1.8	15.5	28.6	34.5	19.0	.6						170.0	11.4

TOTAL NUMBER OF OBSERVATIONS 168

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00302 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	.6	1.2									2.4	5.8
NNE	.6	1.2	3.6	3.6		.6						9.6	10.4
NE		2.4	4.2	5.4	4.8	1.2						18.1	13.1
ENE		1.8	10.2	15.1	8.4	1.2						36.7	13.1
E		1.2	3.0	7.8	3.6	1.8						17.5	13.8
ESE			2.4	1.8	1.2							5.4	12.1
SE	.6	1.8	1.2	1.2								4.8	7.6
SSE	.6	.6										1.2	3.5
S													
SSW	.6											.6	2.0
SW													
WSW	.6											.6	3.0
W	.6											.6	3.0
WNW	1.2	.6										1.8	3.3
NW													
NNW		.6										.6	6.0
VARBL													
CALM													
	5.4	10.8	25.9	34.9	18.1	4.8						100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 166

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002	MAUI OPTICAL SITE HI SOUTH TOWER	78-79	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.8										1.8	5.3
NNE	.6	.6	1.8	4.2	1.8	1.2						10.2	13.4
NE		1.2	3.0	7.8	2.4	1.2						15.6	13.2
ENE		1.8	9.0	12.6	5.4	2.4	.6					31.7	13.6
E	.6	1.2	2.4	6.0	4.2	1.8						16.2	14.1
ESE		.6	3.0	1.8	1.8							7.2	11.5
SE	.6	.6	1.8	.6								3.6	7.8
SSE	.6	1.2										1.8	4.3
S	1.2	1.8										3.0	4.2
SSW	.6											.6	2.0
SW		.6										.6	5.0
WSW	.6											.6	3.0
W	1.2	.6										1.8	3.3
WNW	.6	1.8										2.4	4.0
NW	1.2	1.8										3.0	3.8
NNW													
VARBL													
CALM													
	7.8	15.6	21.0	32.9	15.6	6.6	.6					100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 167

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.2	1.8		.6							4.3	8.1
NNE	.6	1.2	2.4	4.9	1.2	.6						11.0	11.1
NE		2.4	9.1	3.7	3.0	.6						18.9	10.9
ENE		1.8	7.9	12.8	4.3	1.8						28.7	13.1
E		1.2	4.3	4.9	2.4							12.8	12.2
ESE			1.8	3.0								4.9	10.6
SE	.6	.6	2.4	1.2								4.9	7.8
SSE		.6	1.2									1.8	7.3
S		1.8										1.8	5.0
SSW													
SW		.6										.6	4.0
WSW	1.2	.6										1.8	3.3
W	1.8	.6										2.4	3.3
WNW	1.2	.6	.6									2.4	4.5
NW		1.2	1.2									2.4	6.3
NNW	.6	.6										1.2	4.0
VARBL													
CALM													
	6.7	15.2	32.9	30.5	11.6	3.0						100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 164

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		3.0	3.6	.6								7.2	7.7
NNE		3.0	3.6	6.0	3.6							16.3	12.1
NE		.6	4.8	9.0	2.4	1.2						18.1	13.3
ENE	.6	1.2	9.6	14.5	2.4	.6	.6					29.5	12.1
E		1.8	2.4	3.6	2.4	1.2						11.4	13.5
ESE	.6	.6	1.8	1.8								4.8	8.8
SE	.6		1.2									1.8	6.0
SSE		1.8	.6									2.4	5.8
S	1.8											1.8	2.3
SSW	.6											.6	3.0
SW			.6									.6	7.0
WSW			.6									.6	7.0
W	.6	.6										1.2	4.0
WNW	1.2	.6										1.8	3.0
NW		.6										.6	5.0
NNW	.6			.6								1.2	7.0
VARBL													
CALM													
	6.6	13.9	28.9	36.1	10.8	3.0	.6					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 166

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2	2.4	1.8								5.4	9.3
NNE		.6	1.8	7.8	3.0							13.3	13.3
NE		1.2	4.2	9.0	6.0	3.0						23.5	14.8
ENE	.6	.6	5.4	16.9	6.6	3.6						33.7	14.9
E		.6	1.8	2.4	3.6							8.4	13.4
ESE		.6	.6	4.2	.6							6.0	12.2
SE			.6									.6	7.0
SSE	1.2	.6	.6									2.4	5.0
S		2.4										2.4	5.3
SSW													
SW													
WSW		.6										.6	4.0
W													
WNW	.6		.6									1.2	5.0
NW	.6		.6									1.2	4.0
NNW			1.2									1.2	7.5
VARBL													
CALM													
	3.0	8.4	19.9	42.2	19.9	6.6						100.0	13.2

TOTAL NUMBER OF OBSERVATIONS 166

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

90002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6											.6	3.0
NNE		.6	3.6	4.8	1.2	.6						10.8	13.0
NE	.6	2.4	2.4	9.0	6.0	1.2						21.7	13.4
ENE	1.2	.6	6.6	15.1	12.0	3.0	.6					39.2	14.7
E	.6	1.8	.6	3.6	6.0	2.4						15.1	15.7
ESE			2.4	1.2								3.6	10.5
SE	1.2		.6	1.2								3.0	8.4
SSE	.6											.6	3.0
S	.6											.6	3.0
SSW		1.2	.6									1.8	6.3
SW													
WSW													
W		.6										.6	4.0
WNW													
NW			1.2									1.2	7.5
NNW	.6	.6										1.2	4.5
VARBL													
CALM													
	6.0	7.8	18.1	34.9	25.3	7.2	.6					100.0	13.4

TOTAL NUMBER OF OBSERVATIONS 166

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.1	1.3	.4	.1							3.1	7.5
NNE	.2	1.2	2.8	4.2	1.6	.4						10.4	12.0
NE	.2	1.4	4.4	7.2	4.4	1.2						18.7	13.3
ENE	.4	2.0	8.1	13.9	7.3	1.9	.2					33.8	13.5
E	.2	1.2	3.2	5.9	4.1	1.0						15.5	13.6
ESE	.2	.5	2.1	2.5	.6							5.8	10.9
SE	.5	.5	1.1	1.0	.1	.1						3.3	8.8
SSE	.4	.7	.5									1.5	5.4
S	.5	.9										1.4	4.3
SSW	.3	.3	.2									.8	4.7
SW	.1	.3	.1									.5	4.3
WSW	.5	.2	.2									.9	3.7
W	.5	.5										1.0	3.7
WNW	.7	.5	.2									1.4	4.2
NW	.2	.6	.5									1.3	5.2
NNW	.4	.2	.2	.1								.8	5.1
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X		
	5.4	11.9	24.8	35.1	18.1	4.5	.2					100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 1329

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.2	1.7	1.7								5.6	8.4
NNE		2.8	1.7	1.1								5.6	7.7
NE		.6	2.2	2.8	1.1	.6						7.2	13.2
ENE	.6	1.7	5.6	3.9	2.2							13.9	11.0
E		1.1	3.9	6.1	2.2	2.8	1.1					17.2	15.5
ESE		.6	.6	2.8	1.1	1.1	.6					6.7	15.8
SE		.6	3.3	.6								4.4	8.4
SSE	.6	2.2	2.2	.6								5.6	7.1
S	.6	1.7	3.9	.6								6.7	7.3
SSW		3.9	2.2	.6								6.7	6.8
SW	.6	1.7	5.0	1.1								8.3	8.1
WSW	.6		.6									1.1	4.5
W													
WNW	.6	1.7	1.1									3.3	5.0
NW	.6	1.7	1.7									3.9	5.9
NNW		2.2	1.1	.6								3.9	7.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X		
	3.9	24.4	36.7	22.2	6.7	4.4	1.7					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 180

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 STATION | MAUI OPTICAL SITE HI SOUTH TOWER STATION NAME | 78-79 YEARS | OCT MONTH

ALL WEATHER CLASS | 0300-0500 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.2	1.1	1.1								4.5	8.4
NNE	.6	1.1	3.4	1.1		.6						6.7	8.8
NE			5.1	2.2	1.1	.6						9.0	12.4
ENE		2.2	5.6	14.0	.6	1.7						24.2	12.2
E		1.1	1.7	1.1	2.2	2.2	.6					9.0	16.8
ESE			1.1		1.1	1.1	.6					3.9	18.7
SE		.6	.6	.6								1.7	8.7
SSE	.6	1.1	.6	1.7								3.9	7.4
S		2.8	.6	3.4								6.7	8.8
SSW	1.1	1.7	4.5	1.7								9.0	8.0
SW		2.2	2.8	1.7								6.7	8.3
WSW		1.1	1.7									2.8	7.4
W	.6	1.1	.6									2.2	5.0
WNW		.6	.6									1.1	7.0
NW	.6			.6								1.1	6.0
NNW		1.7	3.4	1.7	.6							7.3	9.0
VARBL													
CALM													
	3.4	19.7	33.1	30.9	5.6	6.2	1.1					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 178

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.1	1.1	.6								3.4	7.5
NNE		1.7	2.3	1.7	2.8							8.5	12.3
NE	.6	1.1	2.8	3.4	.6	.6						9.0	11.2
ENE		2.3	3.4	9.6	1.1							16.4	11.1
E			2.8	3.4	2.8	1.1	.6	.6				11.3	15.1
ESE		.6	2.3	2.8	.6	1.1	.6					7.9	14.0
SE	1.1	.6	1.7	.6								4.0	6.9
SSE	.6	1.7	1.7	.6								4.5	6.4
S		1.1	2.3	2.3								5.6	9.3
SSW	1.1	.6	3.4	3.4	.6							9.0	9.3
SW	.6	1.7	2.8	1.7								6.8	8.3
WSW		1.1	.6	.6								2.3	7.5
W	1.1	1.1										2.3	4.3
WNW	1.7	.6										2.3	3.8
NW	1.1	.6	.6	1.1								3.4	6.8
NNW	.6		1.1	1.7								3.4	9.8
VARBL													
CALM													
	9.0	15.8	28.8	33.3	8.5	2.8	1.1	.6				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 177

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.1	1.1	1.1	.5							4.4	9.1
NNE		2.2	1.1	4.9	1.1							9.3	11.5
NE		1.6	4.9	2.2	1.1							9.9	10.1
ENE		3.8	2.7	4.9	.5	.5						12.6	10.2
E		1.6	2.2	1.1	1.6	2.2	2.2					11.0	17.9
ESE		.5	2.2	2.2		1.1						6.0	12.5
SE	.5	2.2	1.6	.5								4.9	6.4
SSE		3.3	1.1	1.1	.5							6.0	7.9
S	.5	2.7	3.3	.5	1.1							8.2	8.8
SSW	1.1	2.7	4.4	2.2								10.4	7.9
SW	1.1	.5	2.2	1.1								4.9	7.4
WSW	.5	1.1	1.6									3.3	6.2
W	1.1	1.1	.5	.5								3.3	5.8
WNW		1.6										1.6	5.3
NW		2.2										2.2	5.3
NNW		1.1	.5									1.6	6.0
VARBL													
CALM													
	3.5	29.7	29.7	22.5	6.6	3.8	2.2					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 182

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOSAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 STATION | MAUI OPTICAL SITE HI SOUTH TOWER STATION NAME | 78-79 YEARS | OCT MONTH

ALL WEATHER CLASS | 1200-1400 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.6	3.3	.5								5.4	7.5
NNE	.5	3.8	2.2	2.7	.5							9.8	8.3
NE	.5	1.1	1.6	1.6	1.1							6.0	10.3
ENE		1.1	3.3	4.9		.5						9.8	11.4
E	.5	1.1	2.7	2.7	1.1	3.3						11.4	14.2
ESE		.5	.5	.5	1.1	.5	.5					3.8	17.6
SE	1.1	.5	1.6		.5							3.8	7.4
SSE		.5	2.2	.5								3.3	9.2
S	2.2	4.3	3.3	1.6								11.4	6.7
SSW	1.1	2.7	3.8	2.2								9.8	8.4
SW	3.3	1.6	2.7	1.1								8.7	6.1
WSW	1.1	1.1	1.6	.5								4.3	6.6
W	1.6	1.6	.5									3.8	4.7
WNW		1.1	.5									1.6	6.3
NW	1.6	1.6	.5	.5								4.3	5.3
NNW	.5	1.6	.5									2.7	5.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X		
	14.1	26.1	31.0	19.6	4.3	4.3	.5					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 184

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.2	2.7	1.1								6.0	8.3
NNE	1.1	2.2	2.2	2.2	2.2							9.8	10.4
NE	1.6	1.6	1.6	5.4	.5							10.9	9.7
ENE		3.3	4.3	2.2	.5							10.3	9.2
E	.5	1.1	2.2	3.8	2.2	2.7	1.1					13.6	15.8
ESE	.5	1.6			.5		.5					3.3	11.5
SE	.5	2.2	1.6	.5								4.9	6.3
SSE	.5	2.7	1.6	.5								5.1	6.4
S	.5	2.2	1.6									4.3	6.0
SSW	2.2	1.1	3.8	3.3								10.3	8.4
SW	.5	2.2	.5	2.2								5.4	7.8
WSW	1.6	1.6	1.1									4.3	4.5
W	.5	2.2	1.1									3.8	5.9
WNW		2.7	1.1									3.8	5.3
NW	.5	1.6										2.2	4.3
NNW	1.1		.5									1.6	5.3
VARBL													
CALM													
	12.0	30.4	26.1	21.2	6.0	2.7	1.6					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 184

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.6	1.6	.5	.5							4.9	8.9
NNE			.5	4.9	.5							6.0	13.5
NE		.5	2.7	4.9	1.1							9.3	12.1
ENE	.5	1.1	3.3	6.6	4.9							16.5	13.1
E	.5	2.2	1.1	3.8	2.2	2.2	1.6	1.1				14.8	17.1
ESE	1.6		.5	2.7	1.1	.5						6.6	11.9
SE	.5		1.1		.5							2.2	9.3
SSE	.5		.5									1.1	5.0
S	1.6	2.2	2.2	.5								6.6	5.8
SSW	.5	2.7	1.6	1.6								6.6	7.2
SW	1.6	3.8	1.6	1.1								8.2	6.4
WSW		1.6		1.1								2.7	8.6
W	2.7	1.1										3.8	3.1
WNW	2.7											2.7	2.4
NW	.5	.5	2.2									3.3	6.0
NNW		1.1	2.7	.5								4.4	8.1
VARBL													
CALM													
	14.3	18.7	22.0	28.6	11.0	2.7	1.6	1.1				100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 182

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

30002	MAUI OPTICAL SITE HI SOUTH TOWER	78-79	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.7	5.0	1.1								7.7	8.1
NNE			4.4	2.2								6.6	10.1
NE	.6		3.3	2.2	1.7							7.7	11.6
ENE		1.1	5.0	6.6	3.3	.6						16.6	12.6
E	1.7	.6	1.1	6.1	3.3	4.4	.6	.6				18.2	16.4
ESE			.6	3.9	.6		1.1					6.1	17.8
SE		1.1	2.2	.6								3.9	7.3
SSE	1.1	1.1	1.7	.6								4.4	6.8
S		1.3	2.8	.6								6.6	7.4
SSW	2.8		2.8	.6								6.1	6.1
SW	1.1	3.3	1.1	1.1								6.6	6.1
WSW	.6	.6	1.7	1.1								3.9	8.3
W		.6										.6	4.0
WNW	1.1	1.1	.6									2.8	4.8
NW			.6									.6	7.0
NNW		.6	.6	.6								1.7	8.0
VARBL													
CALM													
	8.8	14.9	33.1	27.1	8.8	5.0	1.7	.6				100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 181

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.7	2.2	1.0	.1							5.2	8.3
NNE	.3	1.7	2.2	2.6	.9	.1						7.8	10.4
NE	.4	.8	3.0	3.1	1.0	.2						8.6	11.2
ENE	.1	2.1	4.1	6.6	1.7	.4						15.0	11.5
E	.4	1.1	2.2	3.5	2.2	2.6	1.0	.3				13.3	16.2
ESE	.3	.5	1.0	1.9	.8	.7	.5					5.5	14.8
SE	.5	1.0	1.7	.4	.1							3.7	7.3
SSE	.5	1.6	1.5	.7	.1							4.3	7.1
S	.7	2.6	2.5	1.2	.1							7.0	7.5
SSW	1.2	1.9	3.3	1.9	.1							8.5	7.9
SW	1.1	2.1	2.3	1.4								7.0	7.3
WSW	.6	1.0	1.1	.4								3.1	6.7
W	1.0	1.1	.3	.1								2.5	4.8
WNW	.8	1.2	.5									2.4	4.8
NW	.6	1.0	.7	.3								2.6	5.7
NNW	.3	1.0	1.3	.6	.1							3.3	7.8
VARBL													
CALM													
	8.9	22.5	30.0	25.6	7.2	4.0	1.5	.3				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 1448

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	2.4	3.0									7.2	6.5
NNE	2.4	1.8	1.2	.6								6.0	5.0
NE	1.2	1.2	1.2	3.6	1.8							9.0	10.8
ENE		1.2	1.8	3.0	1.2	1.2						8.4	13.1
E		1.8	3.0	7.2	3.0	1.8						16.9	13.8
ESE		1.2	2.4	3.0	1.8	1.2						9.6	13.3
SE	.6	.6		1.2								2.4	6.0
SSE	1.2	.6										1.8	2.3
S			.6	.6								1.2	10.5
SSW		1.8	.6	.6	1.8	1.2	.6					6.6	16.5
SW		1.2	3.6	1.2	.6							6.6	9.9
WSW		1.2	1.2	1.2	1.2	.6	.6					6.0	14.2
W		.6	1.2	3.0	1.2							6.0	12.1
WNW	1.2	2.4	.6		.6							4.8	5.9
NW	.6	3.6										4.2	4.7
NNW	1.8	1.2										3.0	3.0
VARBL													
CALM													
	10.8	22.9	20.5	25.3	13.3	6.0	1.2					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 166

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

02002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6		.6	2.4								3.6	11.5
NNE	.6	1.8	3.0									5.5	6.9
NE	.6	.6	1.8	3.0		.6						6.7	11.5
ENE		.6	5.5	3.0	2.4	.6						12.1	12.6
E	.6	1.2	4.2	5.5	2.4							13.9	11.4
ESE	1.8	1.2	3.0	4.2	.6	1.2						12.1	11.5
SE		.6	.6	2.4		.6						4.2	11.9
SSE	.6		.6			1.2						2.4	14.0
S						1.2						1.2	26.5
SSW			2.4	1.8			1.2					5.5	14.8
SW	1.2		2.4	1.8	.6							6.1	10.0
WSW	.6	.6		1.2	.6							3.0	10.4
W	1.8	.6	5.5	3.6								11.5	8.9
WNW	.6	2.4	2.4	1.2		.6						7.3	9.3
NW		.6	.6	1.2								2.4	9.0
NNW		1.2	.6	.6								2.4	7.8
VARBL													
CALM													
	9.1	11.5	33.3	32.1	6.7	6.1	1.2					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 165

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.2	1.2	1.2		.6						5.5	8.8
NNE		.6	1.2	.6	.6							3.0	11.0
NE		1.8	.6	3.0	.6							6.1	10.8
ENE		3.0	2.4	6.7	1.8							14.0	11.1
E	.6	3.0	4.3	1.2	.6	.6	.6					11.0	10.3
ESE	.6	2.4	1.8	3.7	2.4	.6						11.6	12.2
SE	1.2	.6	1.2	1.2	2.4	1.8						8.5	14.4
SSE			.6									.6	7.0
S	.6	1.2	2.4	.6	.6		1.2					6.7	12.9
SSW			1.2									1.2	7.0
SW	.6		1.2	3.0								4.9	10.4
WSW	.6	.6	.6	2.4								4.3	9.7
W		1.2	3.0	3.0								7.3	9.1
WNW	2.4	1.2	.6	2.4								6.7	7.1
NW	.6	2.4	.6	.6								4.3	6.4
NNW		1.2	2.4		.6							4.3	8.6
VARBL													
CALM													
	8.5	20.7	25.6	29.9	9.8	3.7	1.8					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 164

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	3.0	1.8									6.0	5.2
NNE	.6	2.4	.6		.6							4.2	6.9
NE	1.2	.6			.6							2.4	7.0
ENE	1.2	1.2	1.8	1.2	3.0							8.4	11.3
E		1.8	4.2	7.2	.6		.6					14.5	12.3
ESE		1.8	1.8	3.6	1.8							9.0	12.0
SE		1.8	.6	1.8	1.2	.6	1.2					7.2	15.2
SSE		1.2	3.0									4.2	8.3
S		1.2	1.2				.6					3.0	10.6
SSW	.6	2.4	1.2				1.2					5.4	11.6
SW	.6	1.2	1.2	3.0								6.0	9.6
WSW	.6	1.8	3.0	.6	1.8							7.8	10.1
W	1.2	2.4	1.8	2.4								7.8	7.8
WNW	1.8	.6										2.4	3.0
NW	1.8	2.4	.6	.6								5.4	5.3
NNW	3.0	1.8	.6		.6							6.0	5.0
VARBL													
CALM													
	13.9	27.7	23.5	20.5	10.2	.6	3.6					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 166

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.2		.6								3.0	5.4
NNE	.6		.6	.6								1.8	8.0
NE	.6	.6	.6	1.8	1.2	.6						5.4	13.0
ENE	.6	1.8	3.0	2.4		.6						8.4	9.7
E		1.8	2.4	4.2	1.2	.6						10.2	12.2
ESE	2.4	1.8	.6	3.0	1.8							9.5	9.7
SE			1.2	3.6	1.2		.6					6.6	14.9
SSE	.6	1.2	.6	1.8	.6	1.2	.6					6.6	14.3
S		1.2	1.8	.6								3.6	8.3
SSW	2.4	1.8	.6	.6		1.2						6.6	8.9
SW	.6	2.4	.6	1.2	1.8							6.6	9.9
WSW	.6	1.8	1.8	3.6		1.2						9.0	11.9
W	1.8	4.2	3.6	1.2								10.8	7.2
WNW	1.8	3.6	.6	.6								6.6	5.2
NW	.6	1.2	1.2									3.0	5.2
NNW	1.2	.6	.6									2.4	4.5
VARBL													
CALM													
	15.0	25.1	19.8	25.7	7.8	5.4	1.2					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 167

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.2	2.5									4.9	5.6
NNE		.6	.6									1.2	7.0
NE		.6	1.2	1.2	1.2							4.3	11.4
ENE	.6	1.8	2.5	2.5	1.8	1.2						10.4	12.4
E		1.2	3.1	3.1	1.8	1.2						10.4	13.6
ESE	.6	1.8	.6	6.7	1.8							11.7	11.8
SE	.6	1.2	1.2	1.8	1.8							6.7	11.1
SSE		1.8	1.8	.6		.6						4.9	9.9
S		1.2	.6									1.8	6.3
SSW	1.2	2.5	.6			.6						4.9	7.0
SW		.6	1.2	.6	2.5	.6	.6					6.1	16.1
WSW	.6	.6	1.2	3.1		2.5						8.0	14.5
W	.6	2.5	2.5	.6								6.1	6.9
WNW	1.8	3.1	2.5									7.4	5.8
NW	1.8	4.9	1.2									8.0	4.8
NNW	.6	1.8	.6									3.1	4.8
VARBL													
CALM													
	9.8	27.6	23.9	20.2	11.0	6.7	.6					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 163

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) | MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) | 78-79 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS) | 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	1.2	1.2									4.8	4.8
NNE	.6	1.2	1.8	.6								4.2	6.7
NE		.6	3.6		.6							4.8	9.4
ENE			4.2	3.6	3.0							10.7	12.6
E		.6	6.5	5.4	3.0	2.4	1.8					19.6	15.0
ESE		.6	2.4	3.0	1.2							7.1	12.1
SE	.6	.6	.6									1.8	4.7
SSE	.6	.6		.6	.6	1.2						3.6	15.3
S			.6	1.2								1.8	12.7
SSW	.6	1.2	1.8			.6						4.2	8.7
SW	1.2	1.2	1.2	.6	2.4	1.2						7.7	12.8
WSW	.6		1.8	3.0		1.2						6.5	13.5
W	1.8	3.0	.6	1.2	1.2	.6						8.3	8.7
WNW	1.2	1.8	2.4									5.4	5.6
NW	1.2	1.2	1.2	.6								4.2	6.0
NNW	1.2	4.2										5.4	5.2
VARBL													
CALM													
	11.9	17.9	29.8	19.6	11.9	7.1	1.8					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 168

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	1.8	1.8									5.4	5.0
NNE		1.2	3.0									4.2	7.6
NE		2.4	1.8									4.2	6.7
ENE	.6	1.8	1.8	5.4	1.2	.6						11.4	11.6
E		1.8	3.0	4.8	4.2	4.2						18.0	15.5
ESE		2.4	3.0	4.8	1.2							11.4	10.6
SE	.6		1.8	1.2								3.6	10.0
SSE		.6										.6	6.0
S	.6		.6	.6								1.8	8.3
SSW		2.4	2.4	1.8		1.2	.6					8.4	12.1
SW	1.8	1.2	1.2	.6	1.8	1.2						7.8	11.4
WSW	.6	1.8	.6	2.4	.6	1.2	.6					7.8	13.8
W	.6	2.4	2.4									5.4	6.2
WNW	1.8	1.2	.6									3.6	4.3
NW	1.2	.6	1.8									3.6	5.3
NNW	1.8	.6	.6									3.0	3.8
VARBL													
CALM													
	11.4	22.2	26.3	21.6	9.0	8.4	1.2					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 167

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00302	MAUI OPTICAL SITE HI SOUTH TOWER	78-79	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS) — ALL (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.5	1.5	.5		.1						5.1	6.5
NNE	.6	1.2	1.5	.3	.2							3.8	7.1
NE	.5	1.1	1.4	1.6	.8	.2						5.4	10.5
ENE	.4	1.4	2.9	3.5	1.8	.5						10.5	11.8
E	.2	1.7	3.8	4.8	2.1	1.4	.4					14.3	13.
ESE	.7	1.7	2.0	4.0	1.6	.4						10.3	11.
SE	.5	.7	.9	1.7	.8	.4	.2					5.1	12.6
SSE	.4	.8	.8	.4	.2	.5	.1					3.1	11.3
S	.2	.6	1.0	.5	.1	.2	.2					2.6	11.5
SSW	.6	1.5	1.4	.6	.2	.6	.5					5.4	11.5
SW	.8	1.0	1.6	1.5	1.2	.4	.1					6.5	11.3
WSW	.5	1.1	1.3	2.2	.5	.8	.2					6.6	12.5
W	1.0	2.1	2.6	1.9	.3	.1						7.9	8.3
WNW	1.6	2.0	1.2	.5	.1	.1						5.5	6.2
NW	1.0	2.1	.9	.4								4.4	5.6
NNW	1.2	1.6	.7	.1	.2							3.7	5.4
VARBL													
CALM													
	11.3	21.9	25.3	24.4	10.0	5.5	1.6					100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 1326

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

02002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.1	.6	1.1	.6	.6						4.5	10.8
NNE	.6	.6	.6	2.3	1.1	.6						5.6	12.8
NE	.6		1.7	2.8	2.8	3.4	1.7	.6				13.6	18.6
ENE	.6		5.1	3.4	3.4	1.1	.6	1.1				15.3	15.7
E	.6	.6	2.3	2.8	1.1							7.3	10.5
ESE		.6	.6	1.1	.6							2.8	11.0
SE	.6	.6		1.1								2.3	8.0
SSE	.6	.6	1.1	2.8								5.1	9.7
S		1.1	.6	2.8								4.5	10.4
SSW		2.3	.6	.6								3.4	7.2
SW		.6	2.8	1.7	1.1							6.2	11.9
WSW	1.1	.6	1.1	5.1	1.7							9.6	11.5
W	1.1	.6	.6	2.3	.6							5.1	9.8
WNW	.6	.6	2.3	1.1	.6							5.1	9.9
NW	1.1		.6	1.1	.6							3.4	9.0
NNW	1.7	1.7		1.7	.6	.6						6.2	9.8
VARBL													
CALM													
	9.6	11.3	20.3	33.9	14.7	6.2	2.3	1.7				100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 177

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.6	1.7	.6	2.3			.6				6.2	14.5
NNE			1.2	1.7	2.3	1.7						6.8	17.3
NE			1.7	4.5	1.1	2.3	1.7					11.4	17.7
ENE			4.0	4.0	2.8	1.1		.6				12.5	15.1
E	.6	1.1	.6	2.8								5.1	9.7
ESE		2.3		2.3								4.5	8.9
SE	.6	2.8	.6	.6								4.5	6.3
SSE		.6		2.8								3.4	11.8
S	1.1	1.1	.v	1.1								4.0	7.1
SSW	.6	1.1	1.1	1.7		.6						5.1	9.7
SW	1.1	1.1	1.1	2.3	1.7	.6						8.0	11.9
WSW		3.4	1.1	1.7	.6							6.8	8.8
W	1.7	1.1	1.7	.6								5.1	5.3
WNW			1.7	.6	.6							2.8	11.4
NW	1.1	2.3	1.7	2.3	1.1							8.5	9.3
NNW	1.7		1.1	1.1	.6			.6				5.1	12.0
VARBL													
CALM													
	9.1	17.6	19.9	30.7	13.1	6.2	1.7	1.7				100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 176

USAFETAC FORM AUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2	1.7	.6	.6		.6	.6				5.2	15.0
NNE	1.2		.6	4.6	2.9	1.2						10.4	14.3
NE		.6	1.7	2.9	1.2	3.5	.6					10.4	17.2
ENE			2.3	5.8	1.7	2.3	.6	.6				13.3	17.4
E	.6	1.2	3.5	1.2								6.4	8.2
ESE	.6	2.3	.6	1.7	.6							5.8	8.9
SE			2.3									2.3	8.3
SSE	.6	1.2	.6	.6								2.9	6.8
S		1.2	1.2			.6						2.9	9.8
SSW	.6	2.9	2.9	2.3	2.3							11.0	10.5
SW	.6	1.7	2.3		1.2							5.8	9.2
WSW	.6		1.2	1.7	.6	.6	.6					5.2	15.2
W	1.2		2.9	.6	.6				.6			5.8	12.1
WNW			2.3	1.7								4.0	11.1
NW	.6			1.7	.6							2.9	12.2
NNW		1.2	2.9	1.2		.6						5.8	9.8
VARBL													
CALM													
	6.4	13.3	28.9	26.6	12.1	8.7	2.3	1.2	.6			100.0	12.6

TOTAL NUMBER OF OBSERVATIONS 173

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00032 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.4	1.8	.6			1.2					6.5	11.1
NNE	.6		1.8	2.4	3.6	.6	.6					9.5	15.6
NE	1.2	2.4	1.2	4.7	1.8	.6						11.8	11.4
ENE	.6	.6	1.2	.6	1.2	3.0	1.8		.6			9.5	21.3
E		.6	1.8				.6					3.0	12.2
ESE			1.8	3.0	.6							5.3	12.1
SE	.6	2.4	1.8	.6								5.3	7.1
SSE	.6	1.8	.6	.6								3.6	7.0
S			.6	.6	.6	.6						2.4	15.8
SSW	.6	2.4	2.4	3.0		.6						8.9	9.5
SW	1.2	.6	1.8		.6	.6						4.7	9.8
WSW		3.7	2.4	1.2	1.2	1.2	.6	.6				10.1	14.7
W	.6	1.8	.6									3.0	5.2
WNW	1.2	1.8	1.2	.6								4.7	5.8
NW		1.2	2.4	3.6	.6							7.7	10.0
NNW		.6	.6	1.2	1.2		.6					4.1	15.1
VARBL													
CALM													
	7.7	21.3	23.7	22.5	11.2	7.1	5.3	.6	.6			100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 169

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

30002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.2	2.4	1.8								6.0	8.8
NNE	1.2	1.2	.6	3.0	1.2	.6	.6					8.4	13.6
NE	.6	1.2	.6	4.8	3.0	3.0	.6					13.8	16.7
ENE		.6	1.2	.6	1.2	1.8		.6	.6	.6		7.2	22.4
E		1.2	1.2		1.2							3.6	10.7
ESE			.6	2.4	.6							3.6	13.7
SE		.6		2.4								3.0	10.4
SSE			1.2									1.2	7.0
S	.6	3.6	.6	1.2	.6	.6						7.2	9.3
SSW	.6	.6	2.4	1.8	1.2	.6						7.2	11.3
SW		.6	3.0	2.4	1.8	.6						8.4	12.3
WSW	1.2		1.2	.6	2.4							5.4	12.2
W	.6	2.4	.6	.6								4.2	6.4
WNW		1.8	3.6	.6	.6							6.6	8.5
NW	3.0	1.8	2.4	1.2								8.4	6.2
NNW		2.4	1.2		.6	1.2		.6				6.0	13.8
VARBL													
CALM													
	8.4	19.2	22.8	23.4	14.4	8.4	1.2	1.2	.6	.6		100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 167

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 STATION | MAUI OPTICAL SITE HI SOUTH TOWER STATION NAME | 77-79 YEARS | DEC MONTH

ALL WEATHER CLASS | 1500-1700 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.3	1.1	1.1								5.1	7.1
NNE	.6		2.9	.6	1.1	3.4		1.1				9.7	18.4
NE	.6	.6	2.9	6.3	3.4	1.1	.6					15.4	14.3
ENE	1.7	1.7	1.7	1.7		2.3	.6	.6				10.3	14.3
E	.6	.6		.6	.6				.6			2.9	17.0
ESE	.6	1.7		.6	1.7	.6						5.1	12.1
SE		.6	1.1	.6	1.1							3.4	12.0
SSE		1.1	2.3		.6							4.0	8.4
S			2.3	1.1	.6							4.0	11.3
SSW		1.7	.6	2.3	.6	1.1						6.3	12.5
SW			.6	1.7	2.3							4.5	15.5
WSW	.6	.6	1.7	3.4	.6							6.9	10.6
W	1.1	1.7	2.9	2.3		.6						8.6	8.5
WNW	.6	.6	2.9	.6		.6						5.1	9.8
NW		.6	1.1	1.7								3.4	10.0
NNW		.6	2.3	.6		1.1		.6				5.1	15.0
VARBL													
CALM													
	6.9	14.3	26.3	25.1	12.6	10.9	1.1	2.3	.6			100.0	12.7

TOTAL NUMBER OF OBSERVATIONS 175

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00000 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.6	1.1	.6	.6	.6						4.4	9.8
NNE	.6	2.2	3.3	2.8	3.3	3.3	.6					16.1	14.8
NE	.6	.6	3.3	1.7	3.9	1.1	.6	.6				12.2	16.2
ENE				4.4	1.1	1.1		1.1				7.8	19.1
E			.6	1.7		.6	.6	.6				3.9	19.7
ESE		.6		2.2	.6							3.3	12.8
SE	.6	1.1	.6	.6	.6							3.3	8.7
SSE			2.2	1.7								3.9	10.4
S			2.2	2.8	1.7							6.7	12.3
SSW			.6	1.1	1.7	1.1						4.4	16.9
SW	1.7											1.7	2.7
WSW			3.3	5.0	.6							8.9	11.7
W	.6	.6	3.9	3.3								8.3	9.0
WNW	.6	1.1	1.7	1.1								4.4	7.5
NW	.6	.6	2.2	.6	1.1	.6						5.6	10.5
NNW		.6	1.1	1.7	.6	1.1						5.0	13.8
VARBL													
CALM													
	6.1	7.8	26.1	31.1	15.6	9.4	1.7	2.2				100.0	13.2

TOTAL NUMBER OF OBSERVATIONS 180

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5		1.6	1.6	.5	.5						4.8	12.0
NNE	.5		1.1	2.2	1.6		1.6					7.0	16.9
NE	1.1	2.7		5.4	3.2	3.8	.5	1.1	1.1			18.8	18.0
ENE		.5	1.6	2.7	.5	.5	.5	1.6				8.1	18.9
E			1.6	3.2	1.1	.5			.5			7.0	16.2
ESE			2.2	.5	1.6							4.3	12.0
SE			1.1	.5								1.6	11.3
SSE		.5	.5									1.1	7.0
S			1.1	3.8	1.1							5.9	12.0
SSW		1.1	1.1		1.6							3.8	11.3
SW	.5		2.2	2.2	.5							5.4	10.1
WSW		.5	2.7	2.7	.5							6.5	11.3
W	.5	1.6	3.2	3.2	.5							9.1	9.5
WNW	2.2	1.6	1.1	1.1								5.9	6.4
NW	.5	.5	1.1	1.1								3.2	8.7
NNW	1.1		1.6	2.2	.5	1.6	.5					7.5	14.2
VARBL													
CALM													
	7.3	9.1	23.7	32.3	13.4	7.0	3.2	2.7	1.6			100.0	13.6

TOTAL NUMBER OF OBSERVATIONS 186

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

00002	MAUI OPTICAL SITE HI SOUTH TOWER	77-79	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.1	1.5	1.0	.6	.2	.2	.1				5.3	11.2
NNE	.6	.5	1.5	2.4	2.1	1.4	.4	.1				9.2	15.5
NE	.6	1.0	1.6	4.1	2.6	2.4	.8	.3	.1			13.5	16.4
ENE	.4	.4	2.1	2.9	1.5	1.6	.5	.8	.1	.1		10.5	17.5
E	.3	.6	1.4	1.6	.5	.1	.1	.1	.1			4.9	12.6
ESE	.1	.9	.7	1.7	.8	.1						4.3	11.3
SE	.3	1.0	.9	.8	.2							3.2	8.6
SSE	.2	.7	1.1	1.1	.1							3.1	9.0
S	.2	.9	1.1	1.7	.6	.2						4.7	10.8
SSW	.3	1.5	1.4	1.6	.9	.5						6.2	11.0
SW	.6	.6	1.7	1.3	1.1	.2						5.6	11.2
WSW	.4	1.0	1.9	2.7	1.0	.2	.1	.1				7.4	12.0
W	.9	1.2	2.1	1.6	.2	.1			.1			6.2	8.7
WNW	.6	.9	2.1	.9	.2	.1						4.8	8.6
NW	.9	.9	1.4	1.6	.5	.1						5.3	9.2
NNW	.6	.9	1.4	1.2	.5	.8	.1	.2				5.6	12.9
VARBL													
CALM													
	7.6	14.1	23.9	28.3	13.4	8.0	2.4	1.7	.5	.1		100.0	12.6

TOTAL NUMBER OF OBSERVATIONS 1403

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

?0002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 77-80 (YEARS) ALL (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.2	1.[illegible]	1.1	.5	.2	.1	.0				4.9	10.0
NNE	.4	1.3	2.1	2.4	.8	.3	.1	.0				7.3	11.2
NE	.5	1.4	2.4	2.8	1.1	.4	.1	.0	.0			8.8	11.5
ENE	.4	1.6	3.1	3.7	1.4	.5	.1	.1	.0	.0		10.8	11.9
E	.4	1.5	2.4	2.5	1.2	.5	.1	.0	.0			8.7	11.6
ESE	.4	1.3	2.0	2.0	.6	.2	.0	.0				6.5	10.4
SE	.5	1.5	2.3	2.3	.8	.4	.1	.0				7.8	10.8
SSE	.5	1.0	1.5	1.9	1.0	.7	.3	.1		.0	.0	6.8	13.2
S	.5	1.3	1.3	1.4	.8	.4	.1	.0				5.8	11.1
SSW	.7	1.2	1.1	1.1	.5	.4	.1	.0				5.0	10.5
SW	.8	1.1	1.0	1.1	.5	.3	.1	.1	.0			5.0	10.8
WSW	.7	.9	.9	1.0	.5	.3	.1	.0	.0			4.3	10.7
W	.9	1.2	1.0	.8	.4	.3	.1	.0	.0			4.7	9.8
WNW	.8	1.3	1.0	.6	.3	.1	.0	.0				4.1	8.3
NW	.7	1.3	1.0	1.0	.5	.1	.0	.0				4.6	9.2
NNW	.6	1.1	1.2	1.0	.5	.3	.1	.0				4.8	10.4
VARBL													
CALM													
	9.1	19.8	25.9	26.6	11.3	5.3	1.5	.5	.1	.0	.0	100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 17364