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USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

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MAUI OPTICAL SITE HI NORTH TOWER WBAN# 00001
Mt. Haleakuala
PARTS: C, E-F
POR FROM HOURLY OBS: OCT 77-APR 80

0 NOV 1980

MAUI OPTICAL SITE HI SOUTH TOWER WBAN# 00002

PART C
POR FROM HOURLY OBS: OCT 77-APR 80

SEP 23 1980

FEDERAL BUILDING
ASHEVILLE, N. C.

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Wayne E. McCollom

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

For the Commander

Walter S. Burgmann

WALTER S. BURGMANN
AWS Scientific and Technical
Information Officer

13 FEB 1981

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.

The means and standard deviations do not include measurements from incomplete months.

C

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-8[illegible] (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					8.	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							2.4	13.7
ESE	.6		.6	1.7								2.8	9.2
SE		.6	1.1									1.7	8.3
SSE		.1										1.1	9.1
S			1.1	.6	.6	1.1						3.4	16.3
SSW	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.	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.	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)

PGUA (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-82 (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	3.5	4.6	1.2							10.4	11.4
ENE	.6	1.2	1.7	2.2	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	9.1
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				1.3		.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													
	4.1	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)

[illegible] (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-8[illegible] (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.6	1.8	1.8	1.8	2.4	.6	1.8				11.8	10.3
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	13.1
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	3.0	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	11.3
NW	1.2	.6	1.2	1.8	.6	.6						5.9	10.7
NNW	.5	1.8	3.0	2.4	1.3							9.5	11.9
VARBL													
CALM													
	5.9	13.6	23.1	29.6	14.2	3.3	2.4	2.4	.6			100.0	13.3

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
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SURFACE WINDS

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

??	MAUI OPTICAL SITE HI NORTH TOWER	78-8?	JAN
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	.[illegible]		2.[illegible]	2.[illegible]	.6	.6		.6				7.1	13.8
NNE		.6	1.2	2.9	2.4	1.2						6.2	15.2
NE		.6	1.2	2.4	1.2	1.2						6.5	14.4
ENE	.[illegible]	1.8	2.[illegible]	3.5		1.2	.6					10.6	12.1
E	.6	.[illegible]	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	.[illegible]		1.[illegible]	.6	1.2	1.2						4.7	15.0
SW	.6	1.[illegible]	2.4	2.4	3.5							1[illegible].0	12.6
WSW	2.4	1.2	.[illegible]	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	1[illegible].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													
	2[illegible].[illegible]	1[illegible].6	25.9	31.8	12.9	7.6	.6	.6				10[illegible].[illegible]	11.8

TOTAL NUMBER OF OBSERVATIONS 17[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-8[illegible] (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 1700-1400 (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	1[illegible].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		[illegible].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.[illegible]
SSE			1.1									1.1	1[illegible].0
S			.6		.6		.6					1.7	20.7
SSW				2.8								2.8	12.8
SW	1.1	.5	2.2	1.7	2.8	3.9	.6					12.8	16.9
WSW	.6	.6	.6		.6							2.2	8.8
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	11.2
VARBL													
CALM													
	5.[illegible]	16.2	24.6	34.1	11.2	7.8	1.1					[illegible]0.0	11.[illegible]

TOTAL NUMBER OF OBSERVATIONS 179

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2601 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 1510-1700 (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	26.3
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	3.8	1.6	2.7						9.9	16.1
WSW	.5		.5		2.2							3.3	14.2
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

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)

STATION	STATION NAME	YEARS	MONTH
[illegible]	MAUI OPTICAL SITE HI NORTH TOWER	78-8[illegible]	JAN

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	.5	.6	3.3	1.1	.6						5.7	12.7
NNE		.6	1.1	1.7	2.8							5.[illegible]	13.5
NE			2.2	3.9	1.1							7.2	12.5
ENE	1.1	.6	5.[illegible]	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	1.[illegible]
SE	.6			.6	1.1							2.2	14.[illegible]
SSE	.6		.6									1.1	6.[illegible]
S	.6	1.7	1.7	1.1								5.[illegible]	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	.[illegible]	.6	.6	1.7	.6	1.[illegible]	.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	14.9
NW	.5	.6	2.8	2.2	3.3	.6						11.0	13.1
NNW	.6	1.7		2.8	.6							5.6	9.8
VARBL													
CALM													
	5.[illegible]	1.[illegible]6	2[illegible].6	37.2	19.4	5.[illegible]	1.7	.6				100.0	12.9

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)

[illegible] STATION	MAUI OPTICAL SITE HI NORTH TOWER STATION NAME	78-83 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	.6			1.1	.6	.6						2.8	14.6
SW			1.1	3.9	2.8	2.2	.6					11.6	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	13.2	10.0	.6					100.0	12.6

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)

91001	MAUI OPTICAL SITE HI NORTH TOWER	78-8[illegible]	JAN
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	.4	.9	1.4	2.3	.9	.6	.2	.4				7.[illegible]	14.[illegible]
NNE	.1	1.[illegible]	1.4	3.0	.9	.6	.1					7.1	12.7
NE	.1	.6	2.8	4.3	1.1	.3						9.1	12.[illegible]
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					1.8	13.8
SE	.3	.6	.9	.4	.2	.1	.1					2.5	10.[illegible]
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.[illegible]
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	.5	.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)

STATION	STATION NAME	YEARS	MONTH
[illegible]	MAUI OPTICAL SITE HI NORTH TOWER	78-80	FEB

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 1000-0200

SPEED (KNTS) DIR.	1 - 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.[illegible]								3.4	8.1
NNE		1.5		1.5		.5						3.4	11.4
NE		1.[illegible]	1.[illegible]	[illegible].0	1.	.5						4.4	12.0
ENE		.5	4.4	2.9	1.[illegible]							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.[illegible]	.5	.5	1.0				5.9	20.8
S	1.[illegible]	.5			1.[illegible]							2.4	10.0
SSW	.5	1.[illegible]	.5	1.0								2.9	8.2
SW		1.5	2.[illegible]	3.4	1.5	2.0	.5					10.7	14.9
WSW	.5	.5	1.[illegible]	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.[illegible]	2.9	3.9	.5		.5					7.8	11.2
NW		.5	2.[illegible]	[illegible].4	1.5	2.0	.5	.5				10.2	16.5
NNW		.5	2.[illegible]	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)

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

ALL WEATHER CLASS | 300-0500 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.	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	23.4	20.0	9.3	2.9	1.5				100.0	13.4

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)

0001	MAUI OPTICAL SITE HI NORTH TOWER	78-80	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			2.4	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		.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	9.5	25.6	31.8	23.4	7.6	3.3	.9				100.0	13.5

TOTAL NUMBER OF OBSERVATIONS 211

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

SURFACE WINDS

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

JC01 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-8[illegible] (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.[illegible]	1.9	2.4								5.3	9.8
NNE		1.[illegible]	1.4	.5								2.9	8.2
NE		1.1	2.4	1.0								4.3	6.7
ENE		1.[illegible]	3.3	4.8	1.[illegible]							10.9	11.1
E		.5	2.4	2.4	1.4	1.[illegible]						7.7	13.7
ESE			1.9	1.4	1.[illegible]							4.3	11.8
SE			1.9	1.4	.5		.5					4.3	13.6
SSE			.5	2.9	1.9	1.[illegible]	.5					6.7	17.2
S			.5	.5	1.4	1.[illegible]		1.[illegible]				4.3	23.1
SSW		1.9	.5	1.4	1.[illegible]	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.[illegible]	2.4	1.[illegible]	.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.[illegible]	29.2	27.3	16.7	9.1	3.3	1.4				100.0	13.5

TOTAL NUMBER OF OBSERVATIONS 209

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)

91001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-82 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 1230-1400 (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	9.2
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	12.5	7.0	6.5	1.9				100.0	12.9

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)

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

ALL WEATHER (CLASS) 1510-1700 (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	.9	.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	9.7
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	14.9
NNW			.5	.9		.9						2.3	16.2
VARBL													
CALM													
	5.2	13.6	28.2	28.6	11.7	9.4	1.9	1.4				100.0	12.6

TOTAL NUMBER OF OBSERVATIONS 213

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)

0001 (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	≥55	%	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	1.0	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)

0001 (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	31.8	14.4	8.2	2.9	1.0				100.0	13.3

TOTAL NUMBER OF OBSERVATIONS 208

USAFETAC FORM 0-8-5 (OL-A) 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)

9001 (STATION) MAUI OPTICAL SITE HI NORTH 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	.5	1.1	1.6	.2							3.8	12.6
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	.0	.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)

91001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (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	13.4
NNW		1.7	1.7	4.5	1.1							9.1	16.9
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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

0001 (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)

0001 (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	4.0								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		4.0	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 JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4845

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

0001 (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	.5	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													
	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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

0001 (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						9.6	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	11.4
SSW		.6		.6		.6		.6				2.2	20.5
SW		.6	.6	.6			1.1	1.7	.6			5.1	26.1
WSW	.6	.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			.6					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 JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4886

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

0001 (STATION) KAUI 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	13.4	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)

0201 (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		1.1	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	28.0
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													
	11.3	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 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)

0001	MAUI OPTICAL SITE HI NORTH TOWER	78-79	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.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	13.1
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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

0001	MAUI OPTICAL SITE HI NORTH TOWER	78-80	MAR
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	1.0	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	.3	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	1.2	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				4.2	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	1.1	.3						7.0	10.8
VARBL													
CALM												.1	
	8.5	16.3	24.0	23.5	12.9	9.9	2.6	1.8	.4	.1		100.0	12.6

TOTAL NUMBER OF OBSERVATIONS 1408

4328

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

0001 (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

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)

7001	MAUI OPTICAL SITE HI NORTH TOWER	78-79		APR
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	.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	16.9
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

4889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

0001 (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													
	6.0	9.7	26.9	25.4	13.4	14.2	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)

7001 (STATION) MAUI OPTICAL SITE HI NORTH 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		.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	7.3	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	26.4	16.3	5.4	3.9					100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 129

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

4850 0684

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

0001 (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	5.4	.8	.8				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 129

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)

0301	MAUI OPTICAL SITE HI NORTH TOWER	78-79	APR
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	.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	X	X	X	X	X	X	X	X	X	X	X		
	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 JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

0001 (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	.8	.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	12.7		1.5				100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 131

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)

9301 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 2130-2300 (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	11.1
ENE			17.1	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		.6	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 JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4992

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

0001	MAUI OPTICAL SITE HI NORTH TOWER	78-79	APR
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	.4	1.1	.8	1.1								3.2	7.7
NNE	.3	1.0	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	.3	.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	16.3	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)

0001 (STATION) MAUI OPTICAL SITE HI 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	8.6
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	3.0	1.7	.6				100.0	11.0

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)

'0001 (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.	7.9	1.7					100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 178

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

91001 (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	9.2
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													
	11.1	19.6	22.3	31.8	8.9	5.0	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)

0901	MAUI OPTICAL SITE HI NORTH TOWER	78-79	MAY
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	.6	.6	1.1							3.4	11.0
NNE	.6	.6	.6	.6								2.3	6.8
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							4.5	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)

0001 (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													
	8.1	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

4885

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

0001 (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	37.9	22.0	10.4	1.7	1.7					100.0	9.9

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)

1001	MAUI OPTICAL SITE HI NORTH TOWER	78-79	MAY
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	.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	8.2
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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

SURFACE WINDS

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

0001 (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)

7001	MAUI OPTICAL SITE HI NORTH TOWER	78-79	MAY
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	.9	1.0	.6	.6	.3						4.9	12.9
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	22.7	26.1	26.1	10.1	5.0	2.0	.3				100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 1405

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)

0001 (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	X	X	X	X	X	X	X	X	X	X	X		
	11.0	12.5	21.7	26.7	14.2	8.3	1.7					100.0	11.6

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)

0001 (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	2.2	16.8	24.4	17.6	4.2	2.5					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 119

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

0001 (STATION) | HAUI 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	3.6
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	21.8	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)

CP01 (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	5.0	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)

0001	MAUI OPTICAL SITE HI NORTH TOWER	78-79	JUN
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		1.7	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							13.3	11.6
E	.9	.9	3.5	4.3	1.7							11.3	11.7
ESE			3.5	6.1	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	.7	3.5	.9									5.1	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						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 115

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)

001 (STATION) MAUI OPTICAL SITE HI 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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1001	MAUI OPTICAL SITE HI NORTH 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	.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

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)

001 (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													
	11.5	14.6	24.4	31.1	13.0	7.3						100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 123

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

0001	MAUI OPTICAL SITE HI NORTH TOWER	78-79	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.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	1.2	1.6	.7									3.3	4.8
NNW	.4	1.1	1.5									3.0	6.0
VARBL													
CALM													
	10.2	27.2	25.3	24.8	12.6	5.7	.8					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 959

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2	1.2									2.4	6.8
NNE	.6	1.8	1.8	.6		1.2	.6					6.6	12.5
NE	1.8	2.4	5.4	3.0	2.4							15.1	9.8
ENE	1.2	1.8	9.0	8.4	4.2	1.8	.6					27.1	12.5
E		1.2	4.2	0.6	6.6	6.0						27.7	15.8
ESE				3.0	1.2							4.2	15.7
SE	.6		.6	1.2	1.2							3.6	12.3
SSE		.6		1.2	.6							2.4	11.8
S		.6		.6								1.2	10.5
SSW		.6										.6	4.0
SW			.6									.6	7.0
WSW	.6											.6	3.0
W	.6	1.8	.6									3.0	5.4
WNW		.6	.6									1.2	8.7
NW			.6									.6	7.0
NNW		1.2	1.2	.6								3.0	8.0
VARBL													
CALM													
	5.4	13.9	25.9	28.3	16.3	9.1	1.2					100.0	12.4

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)

0001	MAUI OPTICAL SITE HI NORTH TOWER	78-79	JUL
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			1.8									1.8	8.0
NNE	.6	1.8	.6		1.2	.6						4.8	10.9
NE		.6	3.[illegible]	5.4	1.2	1.2						11.4	13.5
ENE	.6	4.2	12.7	11.8	4.8	.6						33.7	11.3
E			4.2	7.8	4.2	5.4	.6					22.3	16.4
ESE		.6	1.2	3.6	3.6	.6						9.6	14.9
SE				1.8								1.8	11.7
SSE	.6		.6	1.2	.6							3.0	12.4
S					.6							.6	18.0
SSW													
SW	.6											.6	3.0
WSW													
W		1.8										1.8	5.0
WNW	.6	1.8	.6									3.0	4.4
NW	.6	1.8	1.2									3.6	5.5
NNW		.6	1.2									1.8	7.3
VARBL													
CALM													
	3.6	13.3	27.1	31.7	16.3	8.4	.6					100.0	12.4

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)

91001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1600-0800 (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									2.5	7.0
NNE	.6	1.9	1.2	.6								4.3	6.9
NE		1.9	9.3	3.1	3.1	1.2						18.5	11.7
ENE		4.3	7.4	12.3	4.9	1.2						30.2	11.8
E		.6	1.9	7.4	6.8	3.7	1.2					21.6	17.3
ESE	.6	1.2		.6		.6	.6					3.7	13.5
SE		1.2	.6		2.5	.6						4.9	15.3
SSE			1.2	1.9								3.1	12.2
S	.6	.6										1.2	4.5
SSW	.6		1.2									1.9	6.0
SW													
WSW		.6										.6	4.0
W													
WNW	.6	2.5										3.1	4.0
NW		.6	.6									1.2	6.5
NNW	.6	.6	1.2	.6								3.1	8.2
VARBL													
CALM													
	3.7	17.3	25.9	26.5	17.3	7.4	1.9					100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 162

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)

9001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.5	.6	.6								3.7	7.3
NNE		.6	5.6	.6								6.8	8.2
NE		1.2	7.4	4.3	1.9	1.2						16.0	12.2
ENE		1.9	5.6	5.6	4.3	1.9						19.1	13.4
E		.6	5.6	4.9	4.9	4.9		1.2				22.2	16.5
ESE		.6	1.2	1.2	1.2	.6						4.9	12.9
SE	.6	1.9	1.2	.6	1.2							5.6	9.3
SSE				1.2	.6							1.9	14.7
S		.6										.6	5.0
SSW	.6	1.2										1.9	4.3
SW		1.2										1.2	4.5
WSW													
W	1.2	.6	.6									2.5	4.3
WNW		1.9	.6									2.5	5.3
NW	3.1	1.2	1.2									5.6	4.3
NNW	.6	2.5	1.2	1.2								5.6	6.9
VARBL													
CALM													
	6.2	18.5	30.9	20.4	14.2	8.6		1.2				100.0	11.5

TOTAL NUMBER OF OBSERVATIONS 162

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)

2001	MAUI OPTICAL SITE HI NORTH TOWER	78-79	JUL
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	.6	1.3	1.3	.6								3.8	6.7
NNE	.6	4.4	3.1	.6								8.8	6.3
NE	.6	3.8	5.7	5.0	3.8							18.9	10.9
ENE		.6	5.0	10.1	1.9	1.9	.6	1.3				21.4	15.3
E		1.3	3.1	5.0	1.9	1.9	.6					13.8	14.0
ESE		1.3	.6	1.3	1.3	1.9						6.3	14.9
SE	.6	.6	3.1	1.9	1.3							7.5	10.6
SSE		.6										.6	4.0
S		.6	.6									1.3	6.5
SSW	.6											.6	2.0
SW		.6										.6	4.0
WSW	.6	1.3										1.9	4.0
W		1.3										1.3	4.0
WNW	2.5	.6	.6									3.8	4.5
NW	1.3	1.9	1.9	.6	.6							6.3	7.3
NNW	.6	1.9	.6									3.1	4.8
VARBL													
CALM													
	8.2	22.3	25.8	25.2	10.7	5.7	1.3	1.3				100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 159

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)

0001 (STATION) . MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (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		.6	2.4									3.0	7.6
NNE		1.2	5.5	3.0								9.7	9.3
NE	1.2	3.6	6.1	9.1	4.2							24.2	11.3
ENE	1.2	2.4	2.4	6.7	4.8	1.8	.6					20.0	13.0
E	.6	.6	4.2	7.3	1.2	1.2		.6		.6		16.4	14.4
ESE			1.8	2.4	.6		.6					5.5	14.3
SE				1.2								1.2	13.0
SSE	.6	.6	.6									1.8	5.3
S	.6											.6	2.0
SSW	.6											.6	3.0
SW		1.2										1.2	4.0
WSW													
W	.6	1.2	1.2									3.0	5.6
WNW	.6	2.4	2.4									5.5	5.9
NW	1.2	1.8		1.2								4.2	6.0
NNW		1.2	1.8									3.0	6.2
VARBL													
CALM													
	7.3	17.0	28.5	34.9	10.9	3.0	1.2	.6		.6		100.0	11.0

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)

0001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1800-2300 (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	.6									1.8	7.0
NNE		2.4	2.4	1.2	.6							6.7	9.3
NE		1.8	5.5	13.3	2.4							23.0	12.4
ENE		2.4	7.3	7.9	3.[illegible]	1.2	1.8					23.6	13.6
E		1.8	7.9	6.1	1.2	3.0	1.2					21.2	13.5
ESE		.6	1.2	3.0				.6				5.5	14.1
SE	.6											.6	3.7
SSE													
S	.6		.6	.6	.6							2.4	10.8
SSW													
SW			.6									.6	8.0
WSW	.6	.6	.6									1.8	5.3
W			.6									.6	9.0
WNW	1.8											1.8	2.3
NW	.6	2.4	1.2	3.0								7.3	7.8
NNW	.6	1.2	1.2									3.0	5.4
VARBL													
CALM													
	4.8	14.5	29.7	35.2	7.9	4.2	3.0	.6				100.0	11.7

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)

0001	MAUI OPTICAL SITE HI NORTH TOWER	78-79	JUL
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		1.2	.6	1.2								3.0	8.8
NNE		2.4		.6		.6						3.6	9.7
NE		3.0	9.5	10.7	1.2	1.2						25.4	11.4
ENE	.6	1.2	7.7	15.4	3.0	4.1						32.0	13.1
E		.6	4.1	5.9	2.4	4.1						17.2	15.3
ESE		.6	1.2	1.8	1.2	.6	1.2	.6				7.1	18.5
SE			.6									.6	7.0
SSE				1.2								1.2	14.5
S				.6								.6	16.0
SSW													
SW			1.2									1.2	7.5
WSW	.6	.6										1.2	4.5
W		.6										.6	4.0
WNW			.6									.6	7.0
NW			3.0									3.0	8.8
NNW		.6	1.8	.6								3.0	8.2
VARBL													
CALM													
	1.2	11.7	30.2	37.9	7.7	11.7	1.2	.6				100.0	12.7

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)

91001	MAUI OPTICAL SITE HI NORTH TOWER	78-79	JUL
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	1.1	1.2	.3								2.7	7.4
NNE	.3	2.1	2.5	.9	.2	.3	.1					6.4	9.3
NE	.5	2.3	6.5	6.8	2.5	.6						19.1	11.6
ENE	.5	2.4	7.2	9.7	3.9	1.8	.5	.2				26.0	12.9
E	.1	.8	4.4	6.8	3.7	3.8	.5	.2		.1		20.3	15.5
ESE	.1	.6	.9	2.1	1.1	.5	.3	.2				5.9	15.1
SE	.3	.5	.8	.8	.8	.1						3.2	11.3
SSE	.2	.2	.3	.8	.2							1.8	11.4
S	.2	.3	.2	.2	.7							1.1	9.1
SSW	.3	.2	.2									.7	4.4
SW	.1	.4	.3									.8	5.4
WSW	.3	.4	.1									.8	4.4
W	.3	.9	.4									1.6	5.1
WNW	.8	1.2	.7									2.7	4.9
NW	.8	1.2	1.2	.6	.1							4.0	6.6
NNW	.3	1.2	1.3	.4								3.2	6.9
VARBL													
CALM													
	5.1	15.8	28.0	29.5	12.6	7.2	1.3	.5		.1		100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 1314

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

5001	MAUI OPTICAL SITE HI NORTH TOWER	78-79	AUG
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	1.1									2.2	6.3
NNE	1.1	1.6	2.2	.5								5.5	6.4
NE	1.1	4.4	6.6	4.9	3.8	.5						21.4	10.4
ENE		2.2	7.1	8.8	1.6	1.6						21.4	12.1
E		2.2	2.2	8.8	1.6	2.2	.5	.5				18.1	15.8
ESE	1.1	2.7	3.8	1.6	1.6	1.6						12.6	11.1
SE		1.6	2.2	.5	.3							4.9	8.6
SSE	1.6	1.6	1.1									4.4	5.0
S	.5											.5	3.5
SSW	.5	.5	1.1	.5								2.7	7.0
SW	1.1											1.1	2.0
WSW	.5											.5	3.5
W	.5			1.6								2.2	10.3
WNW	.5	.5										1.1	3.5
NW		.5	.5									1.1	7.0
NNW													
VARBL													
CALM													
	8.8	19.2	28.1	27.5	9.3	6.1	.5	.5				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 182

GL..AL CLIMATOLOGY BRANCH
..AFETAC
A.. ..EATHER SERVICE/MAC

SURFACE WINDS

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

PMD1 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (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	.6		.6	1.7								2.8	9.4
NNE	.6	2.2	1.7	1.1								5.5	7.1
NE	.6	1.7	8.8	5.0	1.7	.6						18.2	10.8
ENE	.6	2.2	6.6	7.7	3.9	2.2					.6	23.8	15.6
E		1.1	5.0	1.7	2.2	1.7	.6					12.2	13.6
ESE		3.3	.6	3.3	1.7		1.1					9.9	12.7
SE		1.7	3.3	1.1			.6					6.6	9.8
SSE	1.7	.6	.6									2.8	4.6
S	.6		1.7									2.2	5.8
SSW	.6			.6								1.1	7.0
SW	2.8			.6	.6							3.9	6.4
WSW	.6	.6		.6								1.7	6.3
W	2.2		.6	.6								3.3	5.3
WNW	1.1	1.7										2.8	4.3
NW			.6									.6	7.0
NNW	1.7	1.1										2.8	3.0
VARBL													
CALM													
	13.3	16.0	29.8	27.8	9.9	4.4	2.2				.6	100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 181

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

GLOPAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

0001	MAUI OPTICAL SITE HI NORTH TOWER	78-79	AUG
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	.5	.5	2.2	.5								3.8	7.7
NNE	.5	3.8	2.7	.5								7.7	6.9
NE		3.3	3.8	8.2	1.6		.5					17.5	11.5
ENE		2.2	8.2	10.9	1.6	2.2						25.1	12.6
E	1.1	1.1	1.1	3.3	2.2	.5	1.1					10.4	14.0
ESE	1.1	2.7	.5	1.1	1.1	1.6	.5					8.7	12.5
SE	1.6	2.2	1.1	1.1	1.1	.5						7.7	9.5
SSE	1.6	.5										2.2	2.8
S	.5	.5										1.1	3.5
SSW	.5	.5										1.1	3.0
SW		1.6	1.1	1.1	.5							4.4	8.9
WSW	1.1			.5								1.6	5.7
W	3.3	.5		.5								4.4	3.8
WNW	1.1	.5										1.6	4.0
NW	1.6	.5	.5									2.7	3.6
NNW													
VARBL													
CALM													
	14.9	23.8	21.3	27.9	8.2	4.9	2.2					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 183

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

0001	MAUI OPTICAL SITE HI NORTH TOWER	78-79	AUG
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		2.8	1.7									4.5	6.4
NNE	.1	3.4	4.0	1.1								9.7	7.0
NE		2.3	6.8	6.2	2.8	.6	.6					19.3	12.0
ENE	.6	1.7	2.3	4.0	4.5	2.8	.6					15.9	15.3
E	.6	1.1	1.1	2.3	3.4							8.5	13.1
ESE		.6		2.8	.6	1.1						5.1	15.2
SE	.6	.6	1.1	1.7	.6	.6	1.1	.6				6.8	16.4
SSE		2.8	1.1									4.0	5.6
S	1.7	1.1	.6									3.4	4.5
SSW		1.1										1.1	4.0
SW		1.1										1.1	4.5
WSW	1.7	1.1	1.1									4.0	4.7
W	1.1	1.7	.6	1.1								4.5	7.0
WNW	1.1	1.1										2.3	3.0
NW	1.1	3.4	.6	.6								5.7	5.1
NNW		1.7	2.3									4.0	6.3
VARBL													
CALM													
	9.7	27.8	23.3	19.9	11.4	5.1	2.3	.6				100.0	10.3

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)

9001	MAUI OPTICAL SITE HI NORTH TOWER	79-79	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	.6	.6	3.4	.6								5.1	7.3
NNE	1.1	2.3	4.5	2.3								9.6	7.7
NE		.6	5.1	5.6	2.8	2.3	.6					16.9	13.9
ENE		1.1	2.8	6.2	3.4	.6						14.1	13.9
E		.6	4.5	1.1	1.7	1.7		.6				9.6	14.6
ESE	1.1	1.1		1.7				.6				4.5	10.9
SE		1.7	1.7	1.1	1.1		.6					6.2	11.5
SSE		1.1	1.1									2.3	6.0
S	.6		.6			.6						1.7	12.3
SSW	.6	.6	.6									1.7	5.0
SW		2.3	.6									2.8	5.6
WSW	2.3	.6	.6	.6								4.0	5.0
W	2.3	1.7		.6								4.5	4.8
WNW	1.1	4.5	1.7	.6								7.9	5.6
NW		1.1	2.3									3.4	7.3
NNW	2.3	1.7	1.7									5.6	5.4
VARBL													
CALM													
	11.9	21.5	29.9	23.3	9.0	5.1	1.1	1.1				100.0	10.1

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)

1001	MAUI OPTICAL SITE HI NORTH TOWER	78-79	AUG
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	.6	1.7	2.3	1.7								6.2	7.9
NNE	.6	1.7	4.5	1.1								7.9	7.6
NE	.6	5.1	4.5	1.7	1.1	1.1						13.6	10.0
ENE		4.5	5.6	5.1	4.5	.6	.6					20.9	12.7
E	1.7	.6	1.7	2.8	1.7	3.4		.6				12.4	15.5
ESE		1.1	1.7	.6	.6		.6					4.5	11.5
SE		2.8	1.7					.6				5.1	10.2
SSE		1.1	1.1	1.1	1.1	.6						5.1	12.2
S		1.1	.6			.6						2.3	10.8
SSW		2.3										2.3	4.8
SW	.6	.6										1.1	3.0
WSW	1.7	1.1										2.8	3.2
W	.6	1.1	.6									2.3	5.3
WNW	.6	2.8	.6									4.0	4.7
NW		2.3	2.3	.6								5.1	7.2
NNW	.6	.6	1.7	1.7								4.5	8.6
VARBL													
CALM													
	7.3	3.5	28.2	16.4	9.[illegible]	6.2	1.1	1.1				100.0	10.2

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)

0001	MAUI OPTICAL SITE HI NORTH TOWER	78-79	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	.5	2.7	1.6	.5								5.5	6.6
NNE		1.1	3.3	.5								4.9	7.7
NE	.5	2.2	6.0	4.9	1.1	.5	.5					15.9	11.1
ENE	.5	.5	7.7	11.0	4.4	1.1	.5					25.8	13.0
E		.5	7.1	3.8	1.1	2.2	2.2	.5				17.6	15.7
ESE	.5	.5	1.6	.5			.5	1.1				4.9	17.1
SE		1.1	2.2	1.1	.5							4.9	9.6
SSE	.5		1.1									1.6	5.7
S	.5	.5	.5	.5								2.2	7.0
SSW	1.1		1.1									2.2	4.8
SW	1.1	.5	1.1									2.7	4.6
WSW	1.1		.5	.5								2.2	6.8
W	.5		.5									1.1	7.5
WNW	1.6	1.1	.5									3.3	4.3
NW	1.1	.5	1.1	.5								3.3	6.5
NNW		.5	.5	.5								1.6	8.7
VARBL													
CALM													
	9.9	12.1	36.8	24.7	7.1	3.8	3.8	1.6				100.0	11.1

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)

3001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (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	.6	2.2	1.1	.6								4.4	6.5
NNE		1.7	1.7	1.7	.6							5.5	9.6
NE		1.7	6.6	5.5	1.1	1.7	.6					17.1	12.6
ENE		1.1	7.7	12.2	5.5	1.1						27.1	13.1
E	.6	1.1	2.2	6.6	3.3	2.8	.6					17.1	15.5
ESE	.6		.6	1.7	.6	2.8						6.1	17.8
SE	1.1	1.7	2.2	1.7								6.6	7.3
SSE		2.8	2.2									5.0	7.0
S	1.1		.6									1.7	4.0
SSW	1.1		.6									1.7	4.0
SW		.6										.6	6.0
WSW			.6	1.1								1.7	10.0
W	1.7		.6									2.2	3.8
WNW		.6										.6	4.0
NW	.6	.6										1.1	4.0
NNW			.6	1.1								1.7	10.7
VARBL													
CALM													
	7.2	13.8	27.1	32.0	10.5	8.3	1.1					100.0	11.7

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)

0001	MAUI OPTICAL SITE HI NORTH TOWER	78-79	AUG
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	.4	1.5	1.7	.7								4.3	7.2
NNE	.6	2.2	3.5	1.1	.1							7.0	7.5
NE	.3	2.6	6.0	5.3	2.7	.9	.3					17.5	11.5
ENE	.2	1.9	6.0	8.3	3.5	1.5	.2				.1	21.8	13.4
E	.5	1.0	3.1	3.8	2.2	1.8	.6	.3				13.3	14.8
ESE	.6	1.5	1.1	1.7	.8	.9	.3	.2				7.1	13.2
SE	.4	1.7	1.9	1.0	.5	.1	.3	.1				6.1	10.4
SSE	.7	1.3	1.0	.1	.1	.1						3.4	6.7
S	.7	.4	.6	.1		.1						1.9	6.7
SSW	.6	.6	.4	.1								1.7	5.1
SW	.7	.8	.3	.2	.1							2.2	6.0
WSW	1.1	.4	.3	.4								2.3	5.5
W	1.5	.6	.3	.6								3.1	5.6
WNW	.9	1.6	.3	.1								2.9	4.6
NW	.6	1.1	1.0	.2								2.8	6.0
NNW	.6	.7	.9	.4								2.5	6.7
VARBL													
CALM													
	14.4	23.2	28.1	24.1	9.3	5.5	1.8	.6			.1	100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 1439

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)

STATION	STATION NAME	YEARS	MONTH
[illegible]	MAUI OPTICAL SITE HI NOPTH TOWER	73-79	SEP

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 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	14.0
NNE		.6	.6	2.3		.6						4.0	11.9
NE	.6	1.7	5.7	11.4	2.3	1.7						23.3	12.6
ENE		1.1	6.2	17.6	13.1	3.4						41.5	15.1
E	.6		2.3	4.5	4.5	3.4						15.3	16.4
ESE	.6		1.7	2.8	1.1							6.2	12.2
SE		.6	.6	1.7								2.8	9.8
SSE													
S	.6		1.7									2.3	6.5
SSW		1.1										1.1	6.0
SW	.6											.6	2.0
WSW		.6										.6	5.0
W													
WNW	.6											.6	1.0
NW		.6										.6	6.0
NNW	.6											.6	3.0
VARBL													
CALM													
	4.0	6.2	18.7	41.9	21.0	9.1						100.0	13.6

TOTAL NUMBER OF OBSERVATIONS 176

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

SURFACE WINDS

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

0001 (STATION) | MAUI OPTICAL SITE HI NORTH 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		.6		1.1								1.7	9.7
NNE		.6	1.1	1.7	.6							3.9	11.9
NE		1.7	7.8	5.0	7.3	.6						22.3	13.0
ENE		2.2	8.4	13.4	8.4	2.2						34.6	13.7
E		1.1	3.9	5.6	7.8	.6						19.0	14.3
ESE		2.2	2.2	2.2	1.1							7.8	11.1
SE		1.1		1.7								2.8	9.4
SSE													
S													
SSW	.6	.6										1.1	3.5
SW		.6	.6									1.1	6.5
WSW	.6	.6										1.1	4.0
W		.6										.6	4.0
WNW			.6									.6	10.0
NW		1.7	.6									2.2	6.3
NNW		1.1										1.1	5.0
VARBL													
CALM													
	1.1	14.5	25.1	31.7	25.1	3.4						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)

PCDI (STATION) | MAUI OPTICAL SITE HI NORTH 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	.6									1.7	4.7
NNE		1.7	.6	1.7	.5							4.5	11.1
NE		2.8	7.9	11.3	5.6	1.1	.6					29.4	12.7
ENE	.6	.6	7.3	18.6	10.2	1.7						39.0	13.9
E	.6	1.7	1.1	2.3	4.5	4.0						14.1	16.1
ESE		1.1	1.1	.6	.6							3.4	10.5
SE			.6	.6								1.1	10.5
SSE		.6										.0	6.0
S													
SSW													
SW	.6											.6	3.0
WSW	.6	.6										1.1	4.0
W	.6											.6	1.0
WNW		.6										.6	6.0
NW	.6	.6										1.1	4.5
NNW	.6	1.1	.6									2.3	5.5
VARBL													
CALM													
	4.5	11.9	19.8	35.0	21.5	6.8	.6					100.0	12.7

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)

2001 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 78-79 (YEARS) | SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6	1.1									1.7	7.7
NNE	.6		1.1	4.0	.6							6.2	11.5
NE	.6	1.1	5.1	7.4	5.7	.6						20.5	13.6
ENE		1.7	7.4	14.2	5.8	3.4	.6					34.1	14.2
E	.6	.6		8.5	5.7	2.3						17.6	15.4
ESE	1.1		.6	1.7	.6							4.0	10.1
SE	.6	.6		.6								1.7	6.3
SSE		1.1	.6									1.7	6.0
S		.6	.6									1.1	5.5
SSW													
SW													
WSW													
W		.6										.6	6.0
WNW	.6	.6										1.1	4.5
NW	1.1	4.0	1.1									6.2	5.0
NNW	1.1	1.1	1.1									3.4	5.3
VARBL													
CALM													
	6.2	12.5	18.7	36.4	19.3	6.2	.6					100.0	12.4

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)

91101 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 78-79 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | 1230-1430 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		[illegible]	3.4									4.0	7.7
NNE		[illegible]	[illegible]	2.9	1.7							9.8	11.4
NE		1.7	8.0	12.6	2.9	1.7						27.0	12.4
ENE	.6		5.2	11.9	6.9	.6						24.1	13.5
E		1.7	3.4	4.0	.6	1.1						10.9	12.4
ESE		.6	.6	4.6	.6	.6						6.9	13.7
SE		1.1	1.1	.6	.6							3.4	9.8
SSE		.6										.6	6.0
S													
SSW	.6											.6	1.0
SW	.6											.6	2.0
WSW	.6											.6	3.0
W	.6	.6										1.1	4.0
WNW	.6	1.7	.6									2.9	4.6
NW	.6	2.9	2.9									6.3	5.8
NNW			.6	.6								1.1	11.5
VARBL													
CALM													
	4.0	12.6	29.9	36.2	13.2	4.0						100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 174

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1701	MAUI OPTICAL SITE HI NORTH TOWER	79-79	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	.6	.6	1.2	.6								2.9	7.1
NNE		1.7	6.9	6.4	2.3							17.3	11.2
NE		.6	6.9	15.6	1.7							24.9	11.9
ENE		1.2	6.9	12.1	6.9	1.2						28.3	13.4
E		.6	1.2	4.6	2.9	1.2						10.4	14.7
ESE		.6		2.9	.6							4.0	13.1
SE		.6	.6	.6								1.7	8.7
SSE			1.2									1.2	7.5
S	.6											.6	3.0
SSW	.6											.6	1.0
SW													
WSW	.6	.6										1.2	4.0
W	1.2	.6										1.7	3.5
WNW			1.2									1.2	7.5
NW		1.7										1.7	4.7
NNW		.6	1.7									2.3	8.5
VARBL													
CALM													
	3.5	9.2	27.7	42.8	14.5	2.3						100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 173

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)

7001	MAUI OPTICAL SITE HI NORTH TOWER	78-79	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			1.7	1.7								3.4	11.3
NNE			1.7	2.3	1.7	.6						6.3	13.9
NE	.6		6.9	17.1	8.0	1.1						33.7	14.1
ENE			2.9	14.9	6.9	1.7						26.3	15.1
E		1.1	2.9	3.4	5.1	2.9						15.4	15.7
ESE		1.1		2.9	.6							4.6	12.4
SE			.6	.6	.6							1.7	11.7
SSE			.6									.6	7.0
S		.6	1.1									1.7	6.3
SSW													
SW	.6											.6	3.0
WSW													
W													
WNW	.6	1.1										1.7	5.0
NW	.6		1.1									1.7	5.3
NNW	.6	.6	1.1									2.3	5.8
VARBL													
CALM													
	2.9	4.6	21.6	42.9	22.9	6.3						100.0	13.6

TOTAL NUMBER OF OBSERVATIONS 175

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

SURFACE WINDS

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

0601	MAUI OPTICAL SITE HI NORTH TOWER	78-79	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				.6								.6	16.0
NNE	.6	.6	2.3	2.3	.6							6.3	1..9
NE	1.7		3.4	14.9	6.9	1.7						28.7	14.0
ENE		1.1	3.4	13.2	14.4	2.9						35.1	15.4
E	.6	4.0	.6	4.0	4.6	3.4						17.2	15.0
ESE	.6		1.1	2.3	1.1							5.2	12.4
SE			.6	.6								1.1	13.0
SSE	.6											.6	3.0
S		1.1	.6									1.7	6.7
SSW													
SW													
WSW													
W													
WNW		.6										.6	6.0
NW	.6	.6	1.1									2.3	6.5
NNW			.6									.6	8.0
VARBL													
CALM													
	4.6	8.0	13.8	37.9	27.6	8.0						100.0	13.9

TOTAL NUMBER OF OBSERVATIONS 174

GL AL CLIMATOLOGY BRANCH
AFETAC
AI- FATHER SERVICL/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
PC1	MAUI OPTICAL SITE HI NORTH TOWER	78-79	SEP

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.4	1.0	.6								2.1	8.7
NNE	.1	.8	2.3	2.9	1.0	.1						7.3	11.5
NE	.4	1.2	6.5	11.9	5.1	1.1	.1					26.2	13.1
ENE	.1	1.1	6.0	14.4	9.2	2.1	.1					32.9	14.3
E	.2	1.4	1.9	4.6	4.5	2.4						15.0	13.1
ESE	.3	.7	.9	2.5	.8	.1						5.3	12.0
SE	.1	.5	.5	.9	.1							2.1	9.7
SSE	.1	.3	.3									.8	6.1
S	.1	.3	.5									.9	6.1
SSW	.2	.2										.4	3.5
SW	.3	.1	.1									.4	3.8
WSW	.3	.3										.6	4.6
W	.3	.3										.6	3.5
WNW	.3	.6	.3									1.1	5.3
NW	.4	1.5	.9									2.8	5.5
NNW	.4	.6	.7	.1								1.7	6.5
VARBL													
CALM													
	3.8	11.0	21.8	37.8	20.7	5.8	.1					100.0	12.8

TOTAL NUMBER OF OBSERVATIONS 1404

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)

0001 (STATION) | MAUI OPTICAL SITE HI NORTH 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		.6		.6								1.1	9.0
NNE		2.2	2.2	.6								5.0	7.4
NE		.6	5.6	4.4								10.6	10.3
ENE	.6	3.3	3.9	7.2	2.8	1.1	.6					19.4	12.7
E		1.1	2.8	3.3	5.0	3.3	1.7					17.2	17.4
ESE		.6	1.1	2.2			.6	.6	.6			5.6	19.5
SE		2.2	2.8	1.1								6.1	8.5
SSE	.6	1.7	1.7	1.7								5.6	7.6
S	.6	2.8	1.1	.6								5.0	6.6
SSW	.6	1.7	1.1	.6								3.9	7.0
SW		2.2	3.3	1.7								7.2	7.6
WSW	.6		.6									1.1	5.5
W		.6										.6	6.0
WNW	1.1	1.1	.6	.6								3.3	6.2
NW	.6	1.1	2.8	.6								5.0	7.4
NNW		.6		2.2	.6							3.3	11.8
VARBL													
CALM													
	4.4	22.2	29.4	27.2	8.3	4.4	2.8	.6	.6			100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 180

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)

C.01 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

0300-0530 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	2.2								5.6	8.5
NNE	.6		3.4	1.1								5.0	7.8
NE		1.1	6.1	8.9								16.2	10.2
ENE		1.7	3.4	3.9	3.4	1.1	.6					14.0	13.7
E			2.2	4.5	2.2	2.8	2.2					14.0	18.2
ESE		1.7	1.1	1.7	.6		.6	.6				6.1	15.1
SE		1.7	1.1	1.7	.6							5.0	13.1
SSE	.6	1.1	2.8	1.1								5.6	7.8
S	.6		2.2	1.1								3.9	8.9
SSW	.6		3.4	.6								4.5	8.4
SW		2.2	1.1	2.2								5.6	9.4
WSW		.6	1.7	.6								2.8	8.6
W	.6	1.1										1.7	3.7
WNW	1.1											1.1	3.0
NW	.6		2.2	2.8								5.6	9.1
NNW			1.7	1.7								3.4	11.7
VARBL													
CALM													
	5.6	11.7	34.1	34.1	6.7	3.9	3.4	.6				100.0	11.3

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)

1201 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 78-79 (YEARS) | OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.6	1.7	1.7	.6							5.1	11.2
NNE		.6	1.1	.6	.6							2.8	10.5
NE	.6	.6	2.3	6.2	1.1							10.5	10.6
ENE		1.7	3.4	4.0	2.3	.6		.6				12.5	12.9
E	.6		2.8	3.4	3.4	1.7	1.1					13.1	15.5
ESE		.6	1.7	2.3	1.1	1.7	1.1	.6				9.1	17.5
SE		1.1	1.7	1.1								4.0	8.3
SSE	.6		3.4	2.8								6.8	9.9
S		.6	1.7	2.3								4.5	9.6
SSW	.6	2.3	1.1									4.0	5.6
SW		1.1	2.8	1.7								5.7	9.1
WSW	1.1	1.1	1.7									4.0	5.7
W	1.1	1.1										2.3	3.8
WNW	.6											.6	3.0
NW			2.3	1.1								3.4	10.5
NNW		.6	1.7	3.4								5.7	11.8
VARBL													
CALM													
	5.7	11.9	35.2	31.7	9.1	4.0	2.3	1.1				100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 176

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AI[illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

[illegible]01 (STATION) MAUI OPTICAL SITE HI NORTH 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		1.1	1.1	3.3								5.6	1[illegible].5
NNE		3.3	3.3	.6								7.2	7.6
NE		3.3	6.7	6.1	1.1							17.2	10.2
ENE	.6		1.7	1.7	.6	1.1						5.6	13.1
E		1.7	1.7	2.8	1.7	2.2	2.2	1.7				13.9	19.4
ESE		.6	2.8	2.2	1.7		.6					7.8	13.5
SE		2.8	2.2	1.1	.6							6.7	8.3
SSE		.6	2.2	1.7	1.1							5.6	11.6
S	1.7	1.7	1.7	1.1								6.1	7.2
SSW	1.1	1.1	2.8		.6							5.6	7.3
SW	.6	.6	1.7	1.1								3.9	8.1
WSW		1.7	1.1									2.8	5.8
W	1.1	1.1	.6	.6								3.3	5.5
WNW	.6	.6	1.1									2.2	6.3
NW		1.1	2.2	.6								3.9	7.4
NNW		1.1	.6	.6	.6							2.8	9.6
VARBL													
CALM													
	5.6	32.2	33.3	23.3	7.8	3.3	2.8	1.7				100.0	10.8

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)

7001	MAUI OPTICAL SITE HI NORTH TOWER	78-79	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.1	1.7		.6							3.4	9.2
NNE	.6	1.7	2.8	.6								5.8	7.4
NE		1.7	5.6	2.2								9.5	8.6
ENE		2.8	2.8	5.0	3.9	1.1						15.6	13.3
E	1.1	2.8	1.7	.6	1.7	1.7		1.7				11.2	15.9
ESE	.6	1.7	2.2	1.7	1.1							7.3	9.9
SE	.6		1.1	.6								2.2	9.3
SSE	1.7	2.2	1.7	.6	.6							6.7	6.8
S	.6	3.4	1.1	.6								5.6	6.4
SSW		2.2	.6	1.1								3.9	8.3
SW		1.7	2.2	1.7								5.6	9.4
WSW		3.9	1.1	.6								5.6	6.1
W	1.1	2.2										3.4	3.8
WNW	1.1	1.1	2.2									4.5	5.6
NW	.6	2.8		1.7								5.0	7.4
NNW	.6	1.1	1.7	1.1	.6							5.1	9.3
VARBL													
CALM													
	6.4	32.4	28.5	17.9	8.4	2.8		1.7				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 179

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

0001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-79 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

1530-1700 (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	.6	1.1								2.8	9.6
NNE			2.3	3.4	.6							6.3	11.8
NE		2.3	4.5	4.0								10.2	9.5
ENE		4.5	4.5	2.3	2.3							12.5	10.1
E		.6	4.0	2.8	2.3	2.3	1.1	1.1				14.2	17.5
ESE	.6	1.7	.6	.6	.6							4.0	6.1
SE	1.7	1.7	1.1	.6								5.1	6.1
SSE		1.1	1.1	1.7								4.0	9.3
S	.6	2.8		1.1								4.5	6.9
SSW	1.1	2.8	1.7	.6								6.2	5.7
SW	.6	2.8	1.1	1.1								5.7	7.3
WSW	1.7	1.1	1.1									4.0	4.9
W	1.7	1.7	1.7									5.1	5.7
WNW	1.1	4.5	1.1									6.8	5.1
NW	.6	.6	.6	.6								2.3	7.3
NNW	1.1	.6	3.4	1.1								6.2	7.7
VARBL													
CALM													
	11.8	29.5	28.4	21.0	5.7	2.3	1.1	1.1				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 176

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)

0001	MAUI OPTICAL SITE HI NORTH TOWER	78-79	OCT
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		2.2	3.9	4.5								1 .6	1 .r
NNE			.6	2.8	2.2							5.6	14.9
NE			4.5	2.8	2.2							9.5	12.6
ENE			4.5	7.3	2.8	1.1		.6				16.2	14.8
E	1.1	1.1	.6	3.4	3.9	2.2	.6	1.1				14.0	17.4
ESE		.6	1.1	1.1	.6	.6	.6					4.5	14.9
SE	.6	.1	.6		1.1	.6						3.9	11.4
SSE			1.1	.6								1.7	10.3
S	1.1	1.7	3.4									6.1	6.4
SSW	1.7	3.4	4.5									9.5	6.2
SW	1.7	1.7	2.2	1.1								6.7	6.6
WSW	.6	.6										1.1	3.5
W	2.2	.6										2.8	2.8
WNW	.6		2.2	.6								3.4	8.2
NW	.6	.6	.6									1.7	6.2
NNW	.6	1.1		1.1								2.3	7.6
VARBL													
CALM													
	1 .6	14.5	29.6	25.1	12.8	4.5	1.1	1.7				100.3	11.3

TOTAL NUMBER OF OBSERVATIONS 179

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1201	MAUI OPTICAL SITE HI NORTH 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	.6	1.1	2.8	1.7								6.1	8.8
NNE	1.1	1.1	1.7	1.1	1.1							6.1	9.3
NE			3.4	3.9	1.7							8.9	12.4
ENE	.6	2.8	6.7	5.6	3.9	1.1						20.7	11.9
E			.6	3.4	3.9	4.5	.6	.6	.6			14.0	21.1
ESE		.6	1.1	2.2	1.7			.6				6.1	15.1
SE	.6	1.7	1.1	1.1	.6	1.1						5.1	11.0
SSE	.6	2.2	1.1	1.7								5.6	7.6
S	1.1	2.2	.6	1.1								5.0	6.4
SSW	.6	1.1	1.7									3.4	6.2
SW	1.1	1.1	1.1	3.4								6.7	9.1
WSW	1.1	.6										1.7	2.7
W		.6										.6	5.0
WNW	1.1	.6		1.7								3.4	7.2
NW		1.1										1.1	5.0
NNW		.6	2.2	1.7								4.5	8.6
VARBL													
CALM													
	8.4	17.3	24.1	28.5	12.8	6.7	.6	1.1	.6			100.0	11.5

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)

0001	MAUI OPTICAL SITE HI NORTH TOWER	75-79	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	1.7	1.9	.1							5.1	9.7
NNE	.3	1.1	2.2	1.3	.6							5.5	9.5
NE	.1	1.2	5.5	4.8	.2							12.3	10.5
ENE	.2	2.0	3.8	4.6	2.7	.9	.1	.1				14.6	12.6
E	.4	.9	2.7	3.0	3.6	2.6	1.2	.8	.1			13.9	17.8
ESE	.1	1.0	1.5	1.8	.9	.3	.4	.3	.1			6.3	14.5
SE	.4	1.5	1.5	.9	.4	.2						4.9	9.1
SSE	.5	1.1	1.9	1.5	.2							5.2	8.7
S	.8	1.9	1.5	1.0								5.1	7.2
SSW	.8	1.8	2.1	.4	.1							5.1	6.7
SW	.5	1.7	2.0	1.8								5.9	8.3
WSW	.6	1.2	.9	.1								2.9	5.7
W	1.3	1.1	.3	.1								2.5	4.5
WNW	.2	1.3	.9	.4								3.2	6.8
NW	.4	.9	1.3	.9								3.5	7.9
NNW	.3	.7	1.4	1.6	.2							4.2	9.5
VARBL													
CALM													
	7.4	21.2	30.3	26.0	9.3	4.2	1.8	1.2	.1			100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 1428

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

0001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (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	1.1	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													
	1.3	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) 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)

0001 (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	6.6
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)

0001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (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	.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	3.3	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	6.9	3.5	.6				100.0	11.3

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)

0001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (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	.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	6.9
NNW	2.3	1.7	3.4	.6								8.0	5.9
VARBL													
CALM													
	8.6	25.1	24.6	25.1	10.9	3.4	1.7	.6				100.0	10.5

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)

0001	MAUI OPTICAL SITE HI NORTH TOWER	77-79	NOV
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		.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	9.3
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													
	15.5	26.0	16.6	19.9	16.0	3.3	2.8					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 161

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)

0601 (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						4.9	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	23.1	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)

0001 (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	8.8
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)

0001	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						18.6	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	21.0	29.8	19.3	12.2	7.2	1.1					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 181

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

0001	MAUI OPTICAL SITE HI NORTH TOWER	77-79	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	.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	.8	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)

9001 (STATION) MAUI 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	5.7	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	.8	2.0		1.2						5.1	12.5
SSE	1.2	2.0	.8	.4								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)

0001	MAUI OPTICAL SITE HI NORTH TOWER	77-79	DEC
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		.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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

0001 (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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) J900-1100 (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

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

0001	MAUI OPTICAL SITE HI NORTH TOWER	77-79	DEC
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	.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		100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 241

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

SURFACE WINDS

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

9001 (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					14.9	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	6.6
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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

0001 (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)

2001 (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				8.2	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	16.2	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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

000	MAUI OPTICAL SITE HI NORTH 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	.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	13.3
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)

CUOI (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	.9	1.3	1.3	.3	.3	.1	.1				4.6	11.2
NNE	.4	1.3	1.9	1.5	.4	.2	.1	.1				5.9	10.7
NE	.3	1.2	3.8	4.1	1.5	.5	.1	.0	.0			11.7	11.9
ENE	.2	1.5	4.7	6.4	3.2	1.3	.2	.1		.0	.0	17.5	13.3
E	.3	1.0	2.3	3.7	2.3	1.7	.5	.2	.0	.0		11.9	15.1
ESE	.2	.7	1.1	1.6	1.1	.7	.1	.1	.0			5.7	14.1
SE	.3	.9	1.3	1.3	.5	.3	.1	.0				4.7	11.1
SSE	.3	.8	1.0	1.0	.3	.2	.1	.1	.0			3.8	11.0
S	.4	.6	.7	.7	.4	.2	.1	.0	.0			3.1	11.2
SSW	.4	.8	.8	.6	.4	.3	.1	.1	.0	.0		3.4	11.7
SW	.5	1.0	1.3	1.4	.9	.5	.3	.1	.0			6.2	13.0
WSW	.6	.8	.8	.8	.3	.2	.1	.0	.0			3.5	14.1
W	.8	1.1	.8	.6	.2	.1	.0	.0				3.6	8.0
WNW	.8	1.2	1.0	.7	.2	.1	.0	.0				4.1	8.0
NW	.8	1.3	1.5	1.1	.6	.3	.1	.0				5.8	10.1
NNW	.5	1.0	1.3	1.2	.4	.2	.0					4.6	9.9
VARBL													
CALM												.0	
	7.3	16.2	25.6	27.9	13.1	7.0	2.0	.9	.1	.0	.0	100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 16903

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

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

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

VALUES FOR MEANS AND STANDARD DEVIATIONS DO NOT INCLUDE MEASUREMENTS FOR INCOMPLETE MONTHS

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
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PSYCHROMETRIC SUMMARY

70001	MAUI OPTICAL SITE HI NORTH TOWER	78-80	JAN
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
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	3
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)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

 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]/-[illegible]																					1
-26/-29																					1
-[illegible]27/-33																					1
-34/-35																					2
-36/-37																					1
-38/-39																					1
-[illegible]/-47																					1
-46/-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	≥ 93 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	66515	2315	28.2	3.783	82		82.8					93
Dew Point	37009	-59	-.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

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
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												

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

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GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

.0001 (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
- 2/-23																					2
-24/-25																					2
-26/-29																					2
- / -31																					1
-32/-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)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	133639	2539	30.6	26.125	83							
Dry Bulb	141324	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

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

CC01 (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
49/ 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	11.7	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												

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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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 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																					1
-22/-23																					1
-24/-25																					1
-26/-29																					1
-30/-33																					1
-34/-45																					1
-52/-53																					1
TOTAL	.2	8.5	3.7	1.2	12.2	13.4	23.2	17.1	18.3	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	≥ 93 F	Total
Rel. Hum.	126508	2496	30.4	25.024	82							
Dry Bulb	14,116	3550	39.0	4.252	91		5.1					93
Wet Bulb	653[illegible]4	2286	27.9	4.4[illegible]9	82		81.7					93
Dew Point	23593	251	3.1	18.534	82	39.7	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

10001 STATION | MAUI 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	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
47/ 53								1.2										1	1		
42/ 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	
39/ 37		1.2	2.4		2.4	1.2	2.4											8	8	3	4
37/ 35		3.6	3.6	1.2	1.2		1.2											9	9	2	1
36/ 33																				10	
34/ 31																				20	4
32/ 29	2.4		1.2															3	3	19	8
30/ 27	1.2																	1	1	15	2
28/ 25																				7	4
26/ 23																					1
24/ 21																					2
22/ 19																					4
20/ 17																					1
18/ 15																					3
16/ 13																					2
14/ 11																					6
12/ 9																					4
10/ 7																					2
8/ 5																					1
6/ 3																					4
4/ 1																					5
2/ -1																					6
0/ -3																					3
-2/ -5																					2
-4/ -7																					2
-6/ -9																					3
-8/-11																					5
-12/-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												

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64
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GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI 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	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	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	158742	3722	41.8	5.208	89		4.2					93
Wet Bulb	82222	2592	31.2	3.946	83		68.3					93
Dew Point	31536	983	11.8	15.604	83	26.9	86.3					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

0001 — 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	18	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_i)	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

[illegible]001 (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
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.	159471	2978	36.3	25.170	82							
Dry Bulb	170869	3841	43.6	6.782	88		5.3					93
Wet Bulb	87466	2659	32.4	4.18	82		49.9					93
Dew Point	29071	1179	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

1060¹ (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		
5 / 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		
4 / 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
3 / 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
2 / 19																					3
18/ 17																					4
16/ 15																					5
14/ 13																					1
12/ 11																					1
/ 9																					7
8/ 7																					4
6/ 5																					5
4/ 3																					6
2/ 1																					4
1/ -1																					3
-2/ -3																					5
-4/ -5																					6
-6/ -7																					5
-8/ -9																					3
-10/-11																					3
-12/-13																					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												

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

4819

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 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 TOTAL	3.5	3.5	5.9	4.7	10.6	10.6	12.9	15.3	16.5	12.9	3.5										1
																		85	91	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	8.141	2591	3.6	3.718	85		67.8					93
Dew Point	21331	749	8.8	13.137	85	29.5	90.8					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

[illegible] STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 78-80 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 48									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
[illegible] / 19																					2
18 / 17																					2
16 / 15																					3
14 / 13																					1
12 / 11																					2
[illegible] / 9																					1
8 / 7																					5
6 / 5																					4
4 / 3																					2
[illegible] / 1																					5
[illegible] / -1																					5
-2 / -3																					3
-4 / -5																					4
-6 / -7																					7
-8 / -9																					4
[illegible] / -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 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

482U

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

20001 (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
-[illegible]/-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							
Dry Bulb	1445 3	3561	4[illegible].0	4.795	89		10.4					93
Wet Bulb	67421	2353	28.3	2.953	83		80.7					93
Dew Point	19168	318	3.8	14.754	83	45.9	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

0001 (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	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5 / 4										1.2								1	1		
4 / 3										2.4								2	5		
6 / 5									3.6	2.4								5	5		
4 / 3		1.2		1.2			1.2	1.2	8.3	3.6								14	16		
2 / 1			1.2				1.2	3.6	7.1									11	12	1	
1 / 39			1.2	1.2		2.4	2.4	14.3	3.6									21	21		1
38 / 37				2.4			6.3	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																					6
-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) JUL 64 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	78-80	JAN
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
-?1/-21																					2
-22/-23																					3
-26/-27																					1
-32/-33																					1
-46/-47																					2
TOTAL	2.4	7.1	6.3	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	39.9	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

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

000: STATION | MAUI OPTICAL SITE HI NORTH TOWER: STATION NAME | 78-80: YEARS | JAN: 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
54/ 53								.3	.2	.2	.2							4	4		
52/ 51							.2	.3	.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	.6	.5	.9	2.4	3.5	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	2.7	1.7	3.9	3.6										95	95	13	7
36/ 35		1.1	1.5	.6	1.7	1.4	2.7	.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																					26
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)	ΣX^2	ΣX	$\bar{X}$	σ_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

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
-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)	ΣX^2	ΣX	$\bar{X}$	σ_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	21772	31.7	26.275	664							
Dry Bulb	1209250	29298	40.6	5.099	721		49.5					744
Wet Bulb	581210	19448	29.3	4.180	664		598.3					744
Dew Point	423195	3603	5.4	17.522	664	39.3	702.5					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

0001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-80 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5 / 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																				11	2
22/ 21																				1	8
20/ 19																				7	3
18/ 17																					2
16/ 15																					3
14/ 13																					2
12/ 7																					4
6/ 5																					2
4/ 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 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4823

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 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
-34/-37																					2
-4 /-41																					3
TOTAL	9.	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	231153	5999	38.0	4.571	158		10.1					84
Wet Bulb	123947	3958	31.9	6.200	125		53.1					84
Dew Point	91104	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

5002 — STATION
MAUI OPTICAL SITE HI NORTH TOWER — STATION NAME
79-80 — YEARS
FEB — MONTH

PAGE 1
0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5 / 4[illegible]										.8								1	1		
[illegible]/ 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
4 / 39	1.6	5.7	.8	1.6	2.5	.8		.8	2.5									20	27	6	3
3[illegible]/ 37	1.6	3.3	1.6	.8	1.6	.8	.8	4.9										19	31	10	9
[illegible]/ 35	4.1	4.9	2.5	.8			.8	1.6										18	26	17	9
34/ 33	.8	1.6	1.6	.8			1.6											8	11	9	7
[illegible]/ 31	.3			.8			2.5											5	8	16	5
[illegible] / 29		.8	.8															2	3	22	4
[illegible]/ 27		.8																1	1	9	8
[illegible]/ 25		.8																1	1	14	4
[illegible]/ 23																				7	3
[illegible]/ 21																				2	5
/ 19																				3	2
[illegible]/ 17																					2
[illegible]/ 15																					1
[illegible]/ 13																					4
[illegible]/ 11																					1
[illegible] / -																					2
																					2
-[illegible]/ -5																					1
-[illegible]/ -5																					3
-[illegible]/ -7																					5
-[illegible]/ -9																					2
- [illegible]/-11																					2
-1[illegible]/-13																					3
-14/-15																					4
- [illegible]/-17																					5
- [illegible]/-19																					5
- [illegible]/-21																					5
- 2/-23																					1
-[illegible]/-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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

9001 (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 D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-[illegible]/-27																					1
-[illegible]/-29																					1
-[illegible]/-31																					1
-[illegible]/-33																					1
-34/-35																					2
-[illegible]/-41																					1
TOTAL	9.[illegible]	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.[illegible]					84
Wet Bulb	124427	3835	31.4	5.660	122		50.3					84
Dew Point	87648	1451	11.9	24.123	122	32.4	60.[illegible]					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

0001 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
5 / 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	1.6	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	16	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
4 / 3																					3
2 / 1																					2
-0/ -1																					4
-2/ -3																					3
-4/ -5																					4
-6/ -7																					5
-8/ -9																					2
-10/-11																					3
-12/-13																					3
-14/-15																					2
-16/-17																					5
-18/-19																					
-20/-21																					

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

0001 (STATION) MAUI OPTICAL SITE H1 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
- 2/-23																					2
-24/-25																					3
-28/-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)	ΣX^2	ΣX	$\bar{X}$	σ_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	6201	38.2	4.474	157		5.4					84
Wet Bulb	122455	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

0001 (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			.9									18	26	8	5
38/ 37	5.9	5.1	1.7				.9	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/ 17																					5
16/ 15																					1
14/ 13																					2
12/ 11																					2
10/ 9																					1
8/ 7																					3
6/ 5																					2
4/ 3																					5
2/ 1																					2
0/ -1																					1
-2/ -3																					4
-4/ -5																					5
-6/ -7																					4
-8/ -9																					2
-10/-11																					1
-12/-13																					
-14/-15																					
-16/-17																					

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

[illegible]001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
-[illegible]/-19																						1
-[illegible]/-21																						4
-[illegible]2/-23																						1
-[illegible]2/-33																						1
-[illegible]4/-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)	$\Sigma X'$	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.	486406	6290	53.3	35.939	118							
Dry Bulb	267271	6377	41.1	5.646	155		2.2					84
Wet Bulb	141[illegible]48	4[illegible]32	34.2	5.292	118		29.9					84
Dew Point	93[illegible]67	2[illegible]89	17.7	21.922	118	23.5	50.5					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

0001 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
58/ 57											.8	.8						2	2		
56/ 55										1.7	3.3	.9						7	7		
54/ 53										.8								1	1		
52/ 51				.8				.8	1.7	.8	.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	5.1	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	11	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) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]001 (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 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/-15																					1
-[illegible]/-21																					1
-[illegible]2/-23																					1
-42/-43																					2
-[illegible]4/-45																					4
TOTAL	5.8	23.1	10.7	5.3	9.1	5.9	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.[illegible]	5.829	157		.5					84
Wet Bulb	162654	4386	36.2	5.531	121		19.4					84
Dew Point	[illegible]4432	2558	21.1	20.485	121	13.2	50.0					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

3001	MAUI OPTICAL SITE HI NORTH TOWER	79-8C	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
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		5.1	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					.9											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
10/ 9																					1
8/ 7																					1
6/ 5																					4
4/ 3																					5
2/ 1																					2
0/ -1																					1
-2/ -3																					5
-4/ -5																					2
-6/ -7																					3
-8/ -9																					1
-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) 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 | FEB 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
-1[illegible]/-13																				2
-1[illegible]/-15																				1
-[illegible]/-19																				1
-[illegible]/-21																				1
-[illegible]/-25																				1
-[illegible]/-31																				1
-[illegible]/-33																				1
-3[illegible]/-37																				2
-38/-39																				2
TOTAL	4.2	30.0	11.7	3.3	1.7	12.9	5.0	7.5	10.8	5.0	5.8	2.9						156		120
																	120		120	

Element ( )	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. H[illegible]	480143	6351	52.9	34.788	12[illegible]							
Dry Bulb	28[illegible]456	6561	42.1	5.447	156		1.6					84
Wet Bulb	154547	4255	35.5	5.555	12[illegible]		22.4					84
Dew Point	104169	2342	19.5	22.164	12[illegible]	18.2	49.7					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

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
52/ 51											.8							1	1		
50/ 49										.6	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
10/ 9																					3
8/ 7																					3
6/ 5																					1
4/ 3																					1
2/ 1																					5
0/ -1																					3
-2/ -3																					2
-4/ -5																					2
-6/ -7																					2
-8/ -9																					1
-10/-11																					3
-12/-13																					1
-14/-15																					4
-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

0001 (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
- 6/-19																					1
- 0/-21																					3
-24/-25																					1
-26/-27																					1
-28/-29																					1
-32/-33																					1
-36/-37																					1
-40/-41																					1
-42/-43																					2
TOTAL	0.	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)	ΣX^2	ΣX	$\bar{X}$	σ_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	13 959	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

7001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) FEB (MONTH)

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]01 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) FEB (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
- 2/-23																					1
-24/-25																					1
- 6/-29																					2
- 7 /-31																					1
-32/-33																					2
- /-41																					4
-42/-43																					1
TOTAL	5.	28.3	9.2	10.0	5.0	8.3	2.5	14.2	11.7	5.0	.6								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.	468731	6103	50.9	35.307	120							
Dry Bulb	235239	6795	38.1	4.385	160		8.4					84
Wet Bulb	124276	3798	31.7	5.248	120		48.3					84
Dew Point	93819	1571	13.1	24.811	120	27.3	62.3					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

960' | MAUI OPTICAL SITE HI NORTH TOWER | 79-80 | FEB

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
5?/ 57											.1	.2						3	3		
5?/ 55										.2	.8	.4						14	14		
54/ 53										.3	.9							8	8		
52/ 51				.1			.1	.1	.2	.2	.9							16	16		
5 / 49		.2	.1			.1		.2	.2	1.2	.9							25	26		
4?/ 47		.4	.3	.1		.4	.7	.3	.9	2.8								57	57	2	1
47/ 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/ 4.	.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
3 / 37	2.3	3.1	1.2	.3	.8	.6	.9	4.3										131	196	92	66
36/ 35	2.1	2.0	1.7	1.3	.5	.4	.6	1.2										91	161	118	57
34/ 33	1.4	1.9	.8	.7	.5	.2	.7	.3										64	121	107	56
32/ 31	.3	.4	.3	.5	.1	.4	1.1											30	50	98	45
/ 29		.6	.2															8	12	112	28
28/ 27	.1	.4	.1	.1	.1	.1												9	11	82	38
6/ 25	.1	.1		.1														3	5	84	34
24/ 23																				54	24
22/ 21																				17	36
2 / 19																				11	23
18/ 17																					20
16/ 15																					23
14/ 13																					14
12/ 11																					13
/ 9																					6
8/ 7																					16
6/ 5																					13
4/ 3																					11
/ -																					19
/ -																					23
- / -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						
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

[illegible]001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]/-11																					19
-1[illegible]/-13																					15
-1[illegible]/-15																					14
-1[illegible]/-17																					21
-[illegible]/-19																					19
-[illegible]/-21																					26
-[illegible]/-23																					13
-[illegible]/-25																					7
-[illegible]/-27																					4
-[illegible]/-29																					7
-[illegible]/-31																					3
-[illegible]/-33																					7
-34/-35																					4
-36/-37																					6
-[illegible]/-39																					4
-[illegible]/-41																					9
-[illegible]/-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)	ΣX^2	ΣX	$\bar{X}$	σ_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	2.16372	49896	39.7	5.258	1256		41.7					672
Wet Bulb	1 841 [illegible]	31985	32.9	6.[illegible]06	969		317.6					672
Dew Point	755476	14842	15.3	23.358	969	2.0.4	452.2					672

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

GLOBAL CLIMATOLOGY BRANCH
USAFLTAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

8001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) MAR (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
5 / 49										1.5								2	2		
43/ 47							.7			.7								2	2		
4c/ 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
4 / 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	1.6	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
-12/-13																					3
-14/-15																					5
-16/-17																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]0001 (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
-[illegible]2/-23																					1
-[illegible]4/-25																					2
-[illegible]6/-29																					2
-34/-35																					2
-36/-37																					4
-42/-43																					2
-46/-47																					1
-48/-49																					2
TOTAL	2.9	11.9	2.2	5.8	2.9	12.4	13.9	25.5	19.7	3.6								137	137	137	137

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.	258004	4500	32.8	28.465	137							
Dry Bulb	226271	5547	40.5	3.513	137		1.4					93
Wet Bulb	124359	4187	29.8	4.231	137		70.6					93
Dew Point	64162	682	5.0	21.138	137	36.7	82.8					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

23081	MAUI OPTICAL SITE HI NORTH TOWER	79-80	MAR
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
5 / 49									.7	1.5								3	3		
4c/ 47								1.5	2.9									6	6		
4 / 45							1.5	1.5	4.4	.7								11	11		
4 / 43		.7			1.5	.7	2.9	2.9	11.8									28	28		
2 / 41		3.7			4.4	1.5	5.1	8.1	6.6									40	40	3	1
4 / 39	.7	2.9	.7	.7		1.5	3.7	5.9	2.2									25	25	8	7
3 / 37	.7			.7	1.5	.7	2.9	.7										10	10	1	4
3 / 35	2.2	1.5				2.2	1.5											10	10	10	3
34/ 33		.7				.7												2	2	14	1
3 / 31																				15	1
3 / 29																				21	1
2 / 27																				46	5
2 / 25																				15	2
24/ 23																				2	3
2 / 21		.7																1	1		2
2 / 19																				1	2
1 / 17																					2
16/ 15																					3
14/ 13																					8
1 / 11																					7
1 / 9																					5
1 / 7																					5
0 / 5																					5
0 / 3																					7
0 / 1																					8
0 / -1																					9
-1 / -3																					5
-1 / -5																					9
-1 / -7																					5
-6 / -9																					6
-9 / -11																					3
-11 / -13																					2
-13 / -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												

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

2001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) MAR (MONTH)

PAGE 2 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
-[illegible]/-25																					1
-[illegible]/-27																					3
-[illegible]/-29																					1
-[illegible]/-31																					1
-3[illegible]/-37																					1
-3[illegible]/-39																					1
-[illegible]/-43																					1
-[illegible]/-47																					3
TOTAL	3.7	19.3	.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	234003	5620	41.3	3.615	136		.7					93
Wet Bulb	126537	4109	30.2	4.252	136		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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0001 (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								8	8		
46/ 45					.5		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	3
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			.5											3	4	4	8
34/ 33				.8			.8	.3										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
-16/-19																					1
-20/-21																					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

'C01 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 79-8? (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
-?6/-27																					1
-?8/-29																					1
-?/-31																					2
-?2/-33																					2
-36/-37																					3
-?8/-39																					2
-?/-41																					1
-?2/-43																					1
-?/-51																					1
TOTAL	3.8	10.6	.8	2.3	6.1	7.6	13.9	28.8	22.0	4.5									133		132
																		132		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	5523	41.4	3.686	133		?.1					93
Wet Bulb	123516	3996	3?.3	4.452	132		68.3					93
Dew Point	53?64	?34	4.8	20.494	132	37.3	78.9					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

[illegible] 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) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 53								.8										1	1		
52/ 51								.8	1.6	.8								4	4		
5 / 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
/ 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	
/ 29																				33	1
28/ 27																				5	1
/ 25																					3
24/ 23																					4
22/ 21																				1	5
/ 19																					3
18/ 17																					5
16/ 15																					8
14/ 13																					6
12/ 11																					9
/ 9																					7
8/ 7																					6
6/ 5																					7
4/ 3																					4
2/ 1																					9
/ -1																					5
-2/ -3																					6
-4/ -5																					1
-6/ -7																					1
-8/ -9																					3
-10/-11																					4
-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

'C001 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 79-80 (YEARS) | MAR (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
-22/-23																					2
-26/-27																					1
-34/-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.	2561.1	4489	34.8	27.936	129							
Dry Bulb	26482	5822	45.1	4.014	129		.7					93
Wet Bulb	1472	4327	33.5	4.106	129		44.6					93
Dew Point	566 6	16.9	12.5	16.947	129	19.9	75.7					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

0001	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 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											.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	17	15	9
40/ 39	.8			.8															2	2	19	2
38/ 37		1.6																	3	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																						7
2/ 1																						3
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

0001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (YEARS) MAR (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
-1 /-13																					3
- /-19																					1
- /-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	6 39	47.6	4.064	127							93
Wet Bulb	166515	4553	36.1	3.993	126		19.9					93
Dew Point	7.04	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

0701	MAUI OPTICAL SITE HI NORTH TOWER	79-80	MAR
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
54/ 53						.8	.8	1.5		.8	.8							6	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/ -2																					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

20001 (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
-°F/-17																					7
-°C/-19																					1
-°C/-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	5 99	38.9	26.810	131							
Dry Bulb	283427	6 92	46.3	4.158	132							93
Wet Bulb	245115	4619	35.3	4.414	131		27.7					93
Dew Point	72293	2237	17.1	16.194	131	16.9	73.1					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

7001 — 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	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 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/ 51									.7									1	1		
5 / 49						.7	.7		2.2	.7								6	6		
4?/ 47					.7	.7	.7	5.2	4.4	1.5								18	18		
4(/ 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
4 / 39	.7	3.0				3.7	1.5	3.	3.7									20	20	12	5
3?/ 37	.7	3.7	.7			2.2	.7	3.7										14	14	9	6
3(/ 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
3 / 29																				25	5
28/ 27																				21	6
2?/ 25																				18	
24/ 23																				4	1
2(/ 21																					6
2 / 19																					2
1?/ 17																					3
1(/ 15																					5
14/ 13																					4
12/ 11																					9
1 / 9																					5
8/ 7																					2
6/ 5																					11
4/ 3																					6
2 / 1																					6
/ -1																					2
- / -3																					2
-4/ -5																					2
-6/ -7																					3
-8/ -9																					5
- /-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												

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]001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79-8[illegible] YEARS | MAR MONTH

PAGE 2 | 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
[illegible]/-17																					1
[illegible]/-19																					2
[illegible]/-21																					2
-2/-23																					1
-26/-27																					3
[illegible]/-29																					4
[illegible]/-31																					1
-34/-35																					2
-36/-37																					2
TOTAL	2.4	15.6	2.2	1.5	3.7	13.3	6.7	20.7	27.4	6.7									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.	[illegible]83123	47.1	34.9	29.766	135							
Dry Bulb	243[illegible]28	57.2	42.2	4.[illegible]45	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

3001 — STATION
MAUI OPTICAL SITE HI NORTH TOWER — STATION NAME
79-80 — YEARS
MAR — MONTH

PAGE 1
2100-2300 — HOURS (L. S. T.)

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

[illegible]0001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-8[illegible] (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
-[illegible]/-23																					2
-24/-25																					1
-[illegible]/-29																					1
-[illegible]/-31																					2
-[illegible]/-33																					1
-34/-35																					1
-36/-37																					1
-[illegible]/-39																					1
-[illegible]/-41																					1
-42/-43																					2
-44/-45																					2
TOTAL	1.5	12.8	4.5	.8	7.5	9.8	9.[illegible]	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.	[illegible]59975	4381	32.9	29.6[illegible]2	133							
Dry Bulb	22738[illegible]	5516	4[illegible].9	3.864	135		2.8					93
Wet Bulb	123132	4[illegible]36	3[illegible].1	4.326	133		68.9					93
Dew Point	64552	646	4.9	21.57[illegible]	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

3001 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) 0	1 - 2	3 - 4	5 - 6	7 - 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
5[illegible] / 55											.1							1	1		
[illegible] / 53						.1	.2	.6	.3	.2	.2							16	16		
[illegible] / 51						.2	.9	1.1	1.0	.5	.3							43	43		
5[illegible] / 49					.5	.4	1.4	1.0	2.3	2.0	.2							82	82		
[illegible] / 47				.1	.6	.6	.8	1.9	3.7	2.9								111	111		
4[illegible] / 45		.8	.6	.1	.6	.8	2.0	2.7	3.8	1.6								135	135		
[illegible] / 43		1.5	.6	.3	.8	1.3	1.7	2.5	5.7	.7								159	159	15	1
[illegible] / 41		3.6	.6	.7	1.3	1.6	2.2	4.7	4.2									200	201	46	23
[illegible] / 39	.5	2.6	.3	.4	.6	1.9	2.6	3.7	2.4									158	159	84	33
[illegible] / 37	.8	1.4	.5	.4	.8	1.3	1.1	1.4										81	82	71	41
[illegible] / 35	.8	1.3	.6	.3	.1	.6	.4	.3										46	47	100	32
[illegible] / 33	.1	.4	.1	.1	.1	.2	.3	.1										14	15	139	33
[illegible] / 31		.5		.1		.1	.1											8	8	139	16
[illegible] / 29		.1			.1	.1												3	3	161	27
[illegible] / 27																				183	29
[illegible] / 25																				95	31
[illegible] / 23	.1																	1	1	15	26
[illegible] / 21		.1																1	1	3	31
[illegible] / 19																				3	32
[illegible] / 17																					35
[illegible] / 15																					36
[illegible] / 13																					38
[illegible] / 11																					51
[illegible] / [illegible]																					44
[illegible] / 7																					36
[illegible] / [illegible]																					42
[illegible] / 3																					51
[illegible] / [illegible]																					45
[illegible] / -1																					40
[illegible] / -3																					42
[illegible] / -5																					31
[illegible] / -7																					26
[illegible] / -9																					28
[illegible] / -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

4240

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

'0001 (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 D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-1 /-13																					15
-1 /-15																					17
-1 /-17																					12
- 5/-19																					13
- /-21																					6
- 2/-23																					6
-2 /-25																					4
-2 /-27																					9
-2 /-29																					11
- /-31																					6
- /-33																					3
-34/-35																					5
-3 /-37																					11
-3 /-39																					5
-4 /-41																					2
- 2/-43																					6
-44/-45																					2
-4 /-47																					4
-4 /-49																					2
- /-51																					1
TOTAL	.3	12.1	3.1	2.4	5.4	9.2	13.6	20.1	23.3	7.8	.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.	2 89055	36399	34.4	28.143	1059							
Dry Bulb	1997649	45841	43.1	4.616	1064		9.1					744
Wet Bulb	1112229	33927	32.	4.891	1059		424.3					744
Dew Point	505314	9941	9.4	19.746	1059	229.6	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

(701) STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | APR 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
2/ 51											1.1							1	1		
5 / 49											2.3							2	2		
4 / 47						2.3			3.4	5.7								10	10		
4?/ 45						1.1			4.5	5.7								10	10		
14/ 43			3.4	1.1	1.1	3.4		1.1	4.5	1.1								14	14		
12/ 41		1.1	2.3		1.1			3.4	2.3									9	9	2	
0 / 39	4.5	6.8	2.3					1.1	1.1									14	14	11	3
3?/ 37			2.3	2.3	2.3			3.4										9	9	7	9
7?/ 35		2.3	1.1	4.5				1.1										8	8	5	2
3?/ 33				1.1			2.3											3	3	8	4
1/ 31		1.1	2.3															3	3	12	3
1 / 29			1.1			1.1												2	2	19	3
2?/ 27	1.1																	1	1	10	1
2?/ 25																				6	5
2?/ 23				1.1														1	1	4	5
2/ 21				1.1														1	1	1	4
2 / 19																				1	4
1?/ 17																				1	3
16/ 15																				1	
3/ 13																					1
3/ 11																					2
9/ 9																					3
7 / 7																					5
5 / 5																					6
4/ -3																					3
-4/ -5																					3
-6/ -7																					2
-8/ -9																					2
- /-11																					2
-12/-13																					1
-14/-15																					3
-16/-17																					4
- /-19																					2
- /-21																					2
-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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

91001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) APR (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
- 5/-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	12.5	3.4								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.	250359	3722	42.3	32.683	88							
Dry Bulb	1481 1	3575	40.6	5.740	88		8.2					90
Wet Bulb	88644	2753	31.3	5.447	88		56.3					93
Dew Point	5.000	922	1 .9	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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] 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
[illegible] / 47							1.1		3.3	10.0								13	13		
[illegible] / 45						2.2		1.1	1.1	7.8								11	11		
[illegible] / 43		2.2			3.3		2.2	3.3	2.2									12	12	1	
[illegible] / 41	1.1	7.8			1.1	1.1	2.2		1.1									13	13	3	4
[illegible] / 39	8.9	5.6			2.2	3.3	1.1	1.1	2.2									22	22	19	11
38 / 37		2.3	1.1		2.2		2.2	3.3										10	10	3	8
[illegible] / 35	1.1	1.1	2.2															4	4	6	1
34 / 33				1.1			1.1											2	2	4	2
[illegible] / 31		1.1																1	1	13	1
[illegible] / 29																				22	1
[illegible] / 27		1.1																1	1	9	3
[illegible] / 25																				4	5
[illegible] / 23					1.1													1	1	4	2
[illegible] / [illegible]																				1	2
[illegible] / [illegible]																					1
[illegible] / 17																				1	3
[illegible] / 15																					2
[illegible] / 13																					3
1[illegible] / 11																					2
[illegible] / 9																					1
[illegible] / 7																					2
[illegible] / [illegible]																					4
[illegible] / [illegible]																					3
[illegible] / 1																					2
[illegible] / -3																					1
-[illegible] / -7																					2
-[illegible] / -11																					1
-1[illegible] / -13																					2
-14 / -15																					1
-[illegible] / -17																					5
- [illegible] / -19																					3
-[illegible] / -21																					2
-[illegible] / -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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

CCG01 (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
-28/-25																					2
-26/-27																					1
-26/-29																					1
-38/-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	15559	3726	41.3	4.522	90		3.[illegible]					90
Wet Bulb	97534	2922	32.9	5.474	90		54.[illegible]					90
Dew Point	61713	1129	12.5	23.139	90	27.[illegible]	64.[illegible]					9

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

990. STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5[illegible]/ 55												2.3						2	2		
[illegible]2/ 51											4.5							4	4		
5 / 49										1.1	4.5							5	5		
[illegible]/ 47						1.1		4.5	2.3	5.7								12	12		
[illegible]/ 45						1.1	1.1		1.1	1.1								4	4		
-4/ 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
[illegible] / 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
[illegible]/ 35		2.3	1.1	2.3														5	5	7	5
34/ 33					1.1													1	1	13	2
[illegible]/ 31				1.1														1	1	15	1
[illegible] / 29																				20	2
[illegible]/ 27				1.1														1	1	4	2
[illegible]/ 25				1.1														1	1	6	3
[illegible] / 23																				3	4
[illegible]/ 21																				1	2
[illegible] / 19																				1	2
[illegible]/ 17																					1
[illegible]/ 15																					5
[illegible]/ 13																					5
1 / 11																					4
/ [illegible]																					3
[illegible]/ 7																					3
[illegible]/ [illegible]																					3
[illegible]/ [illegible]																					3
-/ 1																					2
- / -3																					1
-[illegible]/ -5																					1
-6/ -7																					1
-[illegible]/ -9																					2
-[illegible]/-15																					1
- [illegible]/-19																					2
- /-21																					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	MAUI OPTICAL SITE HI NORTH TOWER	79	APR
STATION	STATION NAME	YEARS	MONTH

1600-0800
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
- 2/-23																					2
-24/-25																					4
-26/-27																					5
-28/-29																					1
-30/-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		88	

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.	232500	3566	40.9	31.803	88							
Dry Bulb	161185	3737	42.5	5.359	88		3.1					90
Wet Bulb	94371	2951	32.4	4.811	88		50.1					91
Dew Point	52374	934	10.6	22.092	88	24.5	70.6					9

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

PHOG — 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		
5 / 4						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									8	8	6	1
4 / 39		4.7	7.0				1.2											11	11	8	4
3 / 37		1.2			1.2	2.3												4	4	21	5
/ 35			1.2			2.3												3	3	14	4
3 / 33					1.2		1.2											2	2	8	4
/ 31					1.2													1	1	12	4
/ 29					1.2													1	1	4	3
26/ 27																				6	2
/ 25																				3	3
24/ 23																				1	2
2/ 21																				2	
/ 19																					7
/ 17																					5
16/ 15																					2
/ 13																					2
1 / 11																					5
/ 9																					1
/ 7																					1
/ 5																					3
/																					1
/ -1																					1
-3/ -5																					1
-5/ -7																					3
-7/ -9																					2
-11/-13																					3
-15/-17																					1
-17/-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

.1001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) APR (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
- /-21																					4
2/-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)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2[illegible]21	3[illegible]55	41.3	29.573	86							
Dry Bulb	177439	3[illegible]73	45.[illegible]	5.960	86		2.1					5[illegible]
Wet Bulb	[illegible]166	2[illegible]78	34.6	4.[illegible]04	86		29.3					9[illegible]
Dew Point	53[illegible]06	1304	15.2	19.755	86	20.9	69.1					9[illegible]

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 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 57									2.4		1.2		1.2					4	4		
5[illegible] / 55									2.4		1.2	1.2						4	4		
[illegible] / 53							1.2		3.6		1.2	2.4						7	7		
[illegible] / 51							1.2	3.6	1.2	1.2								6	6		
5 / 49					1.2		3.6	1.2		1.2								6	6		
[illegible] / 47							4.8		1.2									5	5		
[illegible] / 45			1.2		2.4	3.6	3.6	2.4	2.4									13	13		
[illegible] / 43		6.0		1.2	1.2	1.2		1.2	3.6									12	12	1	
[illegible] / 41		8.3			1.2	2.4		3.6										12	13	12	5
[illegible] / 39		2.4		1.2	1.2	1.2		3.6										8	8	13	7
[illegible] / 37	1.2	1.2			1.2	1.2												4	4	18	2
[illegible] / 35					1.2													1	1	12	2
[illegible] / 33																				10	3
[illegible] / 31				1.2														1	1	5	2
[illegible] / 29																				5	2
[illegible] / 27																				9	2
[illegible] / 25																				2	3
[illegible] / 23																					7
2 / 21																					6
[illegible] / [illegible]																					8
[illegible] / 17																					4
[illegible] / 15																					5
1 / 11																					2
[illegible] / [illegible]																					1
[illegible] / 7																					3
[illegible] / 5																					3
[illegible] / [illegible]																					4
[illegible] / -																					1
- / -3																					2
-[illegible] / -5																					5
[illegible] / -9																					1
-1 / -13																					1
- / -21																					1
- 2 / -23																					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

0001 (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	.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)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	214222	3516	4 .9	28.423	84		1.1					9
Dry Bulb	18.919	3867	46.	5.936	84		1.1					9
Wet Bulb	76 6	2282	35.9	4.7 3	84		22.9					9
Dew Point	49949	1539	18.3	16.189	84	13.9	69.6					9

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 YEARS | APR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 59													1.2					1	1		
56 / 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	1	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 / 21																					4
20 / 19																					5
18 / 17																					4
16 / 15																					3
14 / 13																					2
12 / 11																					2
10 / 9																					2
8 / 7																					3
6 / 5																					1
4 / 3																					2
2 / 1																					3
0 / -1																					1
-2 / -3																					2
-4 / -5																					3
-6 / -7																					1
-8 / -9																					1
-10 / -11																					2
-12 / -13																					1
-14 / -15																					2
-16 / -17																					1
-18 / -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 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0001	MAUI OPTICAL SITE HI NORTH TOWER	79	APR
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 1500-1700 HOURS (L. S. T.)

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

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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	45.1	29.885	81		1.1					93
Dry Bulb	16524	3634	44.9	5.248	81							
Wet Bulb	11534	2944	36.1	4.617	81		24.4					9
Dew Point	52252	1498	18.9	17.517	81	18.9	67.8					0

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 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 55												1.2						1	1		
54/ 53											1.2	1.2						2	2		
5 / 47								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
4 / 39	1.2	7.4	2.5	1.2	2.5	1.2			1.2									14	14	5	4
3 / 37	1.2	7.4	2.5	1.2			2.5											12	12	12	4
/ 35	1.2				2.5		1.2											4	4	10	8
34/ 33																				14	6
/ 31																				13	1
/ 29																				7	3
/ 27																				15	1
/ 25																				3	1
/ 23																				1	4
22/ 21																					2
/ 19																					3
18/ 17																					3
16/ 15																					3
14/ 13																					2
12/ 11																					4
/ 9																					1
8/ 7																					2
/ 5																					1
4/ 3																					2
/ 1																					1
/ -1																					2
-2/ -3																					2
-4/ -5																					3
-6/ -7																					2
-8/ -9																					2
- /-11																					3
-12/-13																					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

[illegible]0001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | APR 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
-1[illegible]/-15																					1
-[illegible]/-17																					2
-[illegible]/-21																					2
-2/-23																					1
-[illegible]/-25																					1
TOTAL	3.7	21.0	7.4	3.7	7.4	7.4	11.1	9.9	16.[illegible]	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.	242821	3587	44.3	32.397	81							
Dry Bulb	146391	3427	42.3	4.182	81							90
Wet Bulb	89481	2668	32.9	4.473	81		40.[illegible]					9[illegible]
Dew Point	46741	1167	14.4	19.342	81	26.7	64.4					9

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

2001 (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		
5 / 49											1.2							1	1		
[illegible] / 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
[illegible] / 39		7.1	1.2	1.2	1.2				1.2									13	11	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	7
[illegible] / 31			2.4	1.2	1.2													4	4	11	3
[illegible] / 29		1.2																1	1	15	3
[illegible] / 27			1.2															1	1	9	
26/ 25																				9	3
24/ 23																				4	1
22/ 21																				1	5
[illegible] / 19																					2
[illegible] / 17																					8
16/ 15																					2
14/ 13																					1
[illegible] / [illegible]																					2
[illegible] / 3																					2
/ [illegible]																					2
/ -1																					2
-2/ -3																					4
-6/ -7																					2
-8/ -9																					2
- /-11																					5
-1 /-13																					2
-14/-15																					2
- /-17																					2
- 1/-19																					1
- /-21																					1
- 2/-23																					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	APR
STATION	STATION NAME	YEARS	MONTH

PAGE 2 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-28/-27																					3
-30/-29																					2
TOTAL	5.	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.	26[illegible]29	3907	46.[illegible]	34.096	84							
Dry Bulb	141977	3431	40.8	4.705	84		6.4					9[illegible]
Wet Bulb	87341	2677	31.9	4.943	84		52.5					9[illegible]
Dew Point	5.517	1 47	1[illegible]	21.246	84	31.1	67.9					9[illegible]

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

10001	MAUI OPTICAL SITE HI NORTH TOWER	79	APR
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 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
-5/ -9																					12
-1 /-11																					12
-12/-13																					12
-14/-15																					9
-16/-17																					15
-18/-19																					11
-2 /-21																					16
-22/-23																					12
-24/-25																					10
-26/-27																					10
-28/-29																					6
-31/-33																					1
-34/-35																					1
-3 /-37																					1
-36/-39																					1
TOTAL	4.1	18.2	7.2	5.0	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.	1978229	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	230.6	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

CODE (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							2.1	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																					8
-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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

"0001 (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
-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	97 65	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

PLD. (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 79 (YEARS) | MAY (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
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																					6
6/ 5																					4
4/ 3																					5
2/ 1																					3
0/ -1																					5
-2/ -3																					6
-4/ -5																					1
-6/ -7																					2
-8/ -9																					3
-10/-11																					2
-12/-13																					4
-14/-15																					

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 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	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
-3 /-31																					3
-52/-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	20.2	13.137	93							
Dry Bulb	204540	4356	46.8	3.414	93							93
Wet Bulb	97962	2994	32.2	2.738	93		52.7					93
Dew Point	23858	300	3.2	15.774	93	34.0	93.3					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

CUOI (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	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 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											2.2	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		
5 / 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		
4 / 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
/ 9																					5
8/ 7																					2
6/ 5																					10
4/ 3																					4
2/ 1																					6
/ -1																					8
- / -3																					5
-4/ -5																					2
-6/ -7																					4
-8/ -9																					5
- /-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) 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	8.6	15.1	28.0	21.5	20.4	2.2						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.	41902	1602	17.2	12.470	93							
Dry Bulb	223544	4514	48.5	3.963	93							93
Wet Bulb	100227	3143	32.7	2.676	93		43.0					93
Dew Point	23879	77	.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

0001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) MAY (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
6 / 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
/ -1																					3
-4/ -5																					3
-6/ -7																					2
-8/ -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	MAUI OPTICAL SITE HI NORTH TOWER	79	MAY
STATION	STATION NAME	YEARS	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																					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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

30301 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | MAY 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
64/ 63											1.1							1	1		
62/ 61									1.1			1.1	1.1					3	3		
6 / 59								1.1	3.2	2.2	2.2	1.1						9	9		
56/ 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		
5 / 49						3.2	2.2	1.1	1.1	2.2								9	9		
49/ 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	
4 / 39																				22	
36/ 37																				11	
35/ 35			1.1															1	1	19	
34/ 33																				10	
32/ 31																				3	2
3 / 29																					10
28/ 27																				3	11
26/ 25																					8
24/ 23																					7
22/ 21																					8
2 / 19																					3
18/ 17																					5
16/ 15																					2
14/ 13																					4
12/ 11																					3
1 / 9																					2
8/ 7																					4
6/ 5																					4
3/ 1																					5
1/ -1																					1
-1/ -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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10001 (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 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
-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)	ΣX^2	ΣX	$\bar{X}$	σ_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							93
Dry Bulb	265292	4942	53.1	5.393	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 FC-JAN JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

91901 (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 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		
6 / 59								1.1		1.1	1.1	1.1						4	4		
56/ 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		
5 / 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	
4 / 39				2.2	1.1													3	3	12	
38/ 37				1.1														1	1	17	
3 / 35								1.1										1	1	18	
34/ 33																				16	
32/ 31																				8	2
3 / 29																				4	8
28/ 27																					7
26/ 25																					3
24/ 23																				1	3
22/ 21																					6
2 / 19																					1
18/ 17																					5
16/ 15																					5
14/ 13																					5
12/ 11																					4
1 / 9																					6
8/ 7																					8
6/ 5																					2
4/ 3																					4
/ 1																					3
/ -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						
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

70001 (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
-8/ -9																					1
- /-11																					1
-12/-13																					2
-24/-25																					1
- /-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	254316	4810	52.3	5.573	92							93
Wet Bulb	124277	3361	36.5	4.948	92		13.1					93
Dew Point	35689	929	10.1	17.003	92	20.2	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

0001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | MAY MONTH

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

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

[illegible]0001 (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																					6
-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

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.	64392	1874	20.2	17.013	93							
Dry Bulb	223727	4535	48.8	5.391	93							93
Wet Bulb	1[illegible]484	31[illegible]6	33.4	3.468	93		40.0					93
Dew Point	269[illegible]0	314	3.4	16.759	93	38.0	93.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

'0001 (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	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-1[illegible]/-13																					1
-[illegible]4/-15																					5
-16/-17																					3
-18/-19																					2
-[illegible] /-21																					2
-[illegible]2/-23																					1
-26/-27																					1
-44/-45																					2
-[illegible]6/-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							93
Dry Bulb	223727	4535	48.8	5.301	93							93
Wet Bulb	11484[illegible]	31[illegible]8	33.4	3.468	93		40.0					93
Dew Point	269[illegible]0	314	3.4	16.759	93	38.0	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

9001	MAUI OPTICAL SITE HI NORTH TOWER	79	MAY
STATION	STATION NAME	YEARS	MONTH

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

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

(0001 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	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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																					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	13.156	93							
Dry Bulb	214964	4444	47.8	5.324	93			1.0				93
Wet Bulb	97648	2998	32.2	3.507	93		56.0					93
Dew Point	22463	53	.6	15.622	93	46.0	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0001 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	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 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		
64/ 63											.1							1	1		
62/ 61									.3		.1	.1	.1					5	5		
6 / 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	2.8	4.9	.5						91	91		
52/ 51						.4	1.6	2.0	1.6	6.5	3.5							116	116		
5 / 49						.8	2.0	1.3	2.2	4.2	2.3							95	95		
48/ 47					.3	.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	
4 / 39		.1	.1	.9	.3	.9	.4	.4										24	24	64	
36/ 37				.4	.4	.1	.1	.1										9	9	75	
34/ 35			.5		.1	.3		.1										8	8	123	1
34/ 33		.1					.1											2	2	155	
32/ 31																				125	7
3 / 29																				121	25
2 / 27																				19	31
1 / 25																				5	21
0 / 23																				3	19
2/ 21																					31
/ 19																					26
16/ 17																					40
14/ 15																					37
4/ 13																					35
12/ 11																					22
/ 9																					36
8/ 7																					42
6/ 5																					37
4/ 3																					32
2/ 1																					45
/ -1																					40

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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

30001	MAUI OPTICAL SITE HI NORTH TOWER	79	MAY
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	≥ 29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-1/ -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	1.8	2.3	5.1	10.9	12.3	20.8	25.6	16.2	4.0	.1			.1		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	21.2	13.887	742							
Dry Bulb	1848819	36631	49.6	5.275	742			1.0				744
Wet Bulb	376824	25338	34.1	3.952	742		273.7					744
Dew Point	222681	3930	5.3	16.505	742	255.7	743.3					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

CU01 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 79 (YEARS) | JUN (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
58/ 57												1.1	1.1					2	2		
56/ 55												1.1						1	1		
54/ 53											2.2	2.2						4	4		
52/ 51											17.8							16	16		
50/ 49									1.1	5.6	13.3							18	18		
48/ 47					1.1		1.1	3.3		18.9								22	22		
46/ 45				1.1	1.1	1.1	1.1		4.4	4.4								12	12		
44/ 43					1.1	3.3	1.1		2.2									7	7		
42/ 41				1.1	1.1	1.1			1.1									4	4		
40/ 39				2.2				1.1										3	3	2	
38/ 37				1.1														1	1	3	
36/ 35																				6	
34/ 33																				17	
32/ 31																				32	4
30/ 29																				24	1
28/ 27																				4	1
26/ 25																				2	2
24/ 23																					1
22/ 21																					2
20/ 19																					2
18/ 17																					4
16/ 15																					1
14/ 13																					2
12/ 11																					1
10/ 9																					1
8/ 7																					1
6/ 5																					1
4/ 3																					2
2/ 1																					2
0/ -1																					6
-2/ -3																					2
-4/ -5																					3
-6/ -7																					3
-8/ -9																					7
-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)

 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 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0001 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
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
20/ 19																					3
18/ 17																					1
16/ 15																					3
14/ 13																					2
12/ 11																					3
10/ 9																					1
8/ 7																					2
6/ 5																					1
4/ 3																					3
2/ 1																					1
0/ -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

10001	MAUI OPTICAL SITE HI NORTH TOWER	79	JUN
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
-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	14.6	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.	64706	1560	17.5	20.605	89							
Dry Bulb	194275	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) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0001 (STATION) | HAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 79 (YEARS) | JUN (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
58/ 57												1.1	1.1					2	2		
56/ 55												6.7						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
4/ 3																					3
2/ 1																					2
0/ -1																					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						
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 84 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

 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 Poin
-16/-17																					7
-18/-19																					1
-20/-21																					8
-22/-23																					10
-24/-25																					3
-26/-27																					2
-28/-29																					2
-30/-31																					1
-34/-35																					1
-36/-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							
Dry Bulb	216329	4393	48.8	4.242	90							90
Wet Bulb	95271	2917	32.4	2.860	90		50.0					90
Dew Point	37260	-556	-6.2	19.495	90	61.0	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

0001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | JUN 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
72/ 61												1.1	1.1					2	2		
68/ 59											1.1	1.1	2.2					4	4		
68/ 57									1.1		2.2	3.3	7.8					13	13		
66/ 55								2.2	1.1	2.2	3.3	15.6						22	22		
64/ 53								2.2		4.4	5.6	8.9						19	19		
62/ 51									1.1	4.4	5.6							10	10		
59/ 49						2.2	3.3	1.1		1.1								7	7		
58/ 47					1.1	1.1		1.1		1.1								4	4		
56/ 45						1.1				1.1								2	2		
54/ 43				1.1	1.1	2.2												4	4		
52/ 41																				6	
50/ 39			2.2		1.1													3	3	6	
48/ 37																				11	
46/ 35																				27	
44/ 33																				29	
42/ 31																				7	1
41/ 29																				2	4
39/ 27																					2
37/ 25																					6
34/ 23																					2
32/ 21																					5
30/ 19																					1
28/ 17																					1
26/ 15																					1
24/ 13																					2
23/ 11																					8
21/ 7																					3
19/ 3																					2
17/ 1																					2
15/ -1																					2
12/ -3																					2
10/ -5																					2
8/ -7																					1
6/ -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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

4802

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]01 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) JUN (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
-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.	48453	1467	16.3	16.605	90							90
Dry Bulb	256651	4787	53.2	4.783	90							90
Wet Bulb	1131.5	3181	35.3	2.748	90		9.0					90
Dew Point	31333	-73	-.8	18.736	90	50.0	90.0					90

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

.6003 — 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.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63											1.1							1	1		
62/ 6.											1.1		1.1					2	2		
6 / 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		
5 / 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	5	
42/ 4.					1.1													1	1	9	
4 / 39					2.2													2	2	8	
38/ 37																				12	
36/ 35																				21	
34/ 33																				23	1
32/ 31																				9	
3 / 29																				1	4
28/ 27																				1	8
26/ 25																					3
24/ 23																					6
22/ 21																					6
2 / 19																					4
18/ 17																					3
16/ 15																					2
14/ 13																					1
12/ 11																					3
/ 9																					2
8/ 7																					2
6/ 5																					1
4/ 3																					2
-4/ -5																					1
-8/ -9																					3
-11/-11																					3

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

4863

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) JUN (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
-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							90
Dry Bulb	26839	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	42.5	89.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

90?1 (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
62/ 61													2.2					2	2		
/ 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	13.5						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		
5 / 49						2.2	4.5	2.2	1.1									9	9		
49/ 47						3.4		2.3		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	
4 / 39					1.1													1	1	10	
38/ 37																				17	
36/ 35																				15	
34/ 33																				28	
32/ 31																				6	2
3 / 29																				3	2
28/ 27																				3	5
26/ 25																					6
24/ 23																					5
2/ 21																					5
/ 19																					4
18/ 17																					1
16/ 15																					4
14/ 13																					3
12/ 11																					3
1 / 9																					1
8/ 7																					3
6/ 5																					1
4/ 3																					1
2/ 1																					3
/ -1																					1
-0/ -9																					1
-1 / -11																					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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4864

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00901 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 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																				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	113564	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) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0001 (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)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
58/ 57												1.1	1.1					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	2	
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)	$\Sigma X'$	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) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]0001 (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)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 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]/-17																					2
[illegible]/-19																					6
[illegible]/-21																					12
[illegible]/-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	3.368	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

'0001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55												5.9						6	6		
54/ 53											4.6	1.1						5	5		
52/ 51											17.2							15	15		
5 / 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		
4 / 39					1.1													1	1		
38/ 37			1.1			1.1												2	2	3	
36/ 35			1.1															1	1	7	
34/ 33		1.1																1	1	21	
32/ 31																				33	
3 / 29																				19	3
28/ 27																				4	4
26/ 25																					1
24/ 23																					3
22/ 21																					1
2 / 19																					2
18/ 17																					4
14/ 13																					4
12/ 11																					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/-21																					8
-22/-23																					9
-24/-25																					11

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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

30001	MAUI OPTICAL SITE HI NORTH TOWER	79	JUN
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
-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)	$\Sigma X'$	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.	52313	1358	15.6	19.020	87							
Dry Bulb	204487	4231	48.3	4.356	87							90
Wet Bulb	89333	2781	32.	2.254	87		57.9					90
Dew Point	38131	-677	-7.8	19.539	87	64.1	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

'0001 (STATION) | MAUI OPTICAL SITE HI NOPTH TOWER (STATION NAME) | 79 (YEARS) | JUN (MONTH)

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

Tens (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							1	1		
62/ 61											.1	.1	.6					6	6		
60/ 59									.3	.1	.3	.3	1.1					15	15		
58/ 57								.3	.6	.3	.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	.8	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	3
32/ 31		.1																1	1	164	15
30/ 29																				117	21
28/ 27																				28	27
26/ 25																				4	29
24/ 23																					22
22/ 21																					22
20/ 19																					15
18/ 17																					19
16/ 15																					12
14/ 13																					17
12/ 11																					21
10/ 9																					9
8/ 7																					14
6/ 5																					8
4/ 3																					10
2/ 1																					10
0/ -1																					6
-2/ -3																					10

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

J0001 (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 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	1.8	2.2	3.2	5.6	5.6	8.8	6.9	22.3	25.0	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	1800774	35630	50.0	5.800	712		1.0					720
Wet Bulb	874296	23800	33.4	3.595	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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 55										1.2								1	1		
54/ 53											1.2	1.2						2	2		
52/ 51									1.2	1.2	9.5							10	10		
50/ 49					1.2				2.4	9.5	13.1							22	22		
48/ 47						1.2	2.4		2.4	9.5								13	13		
46/ 45					1.2	2.4	1.2	3.6	2.4	6.0								14	14		
44/ 43				1.2	3.6	4.8		1.2	4.8									13	13		
42/ 41			1.2			1.2			4.8									6	6	1	
40/ 39								1.2	2.4									3	3		
38/ 37																				9	
36/ 35																				5	
34/ 33																				14	2
32/ 31																				32	
30/ 29																				11	1
28/ 27																				7	3
26/ 25																				5	3
24/ 23																					1
22/ 21																					2
20/ 19																					4
18/ 17																					1
16/ 15																					1
14/ 13																					2
12/ 11																					1
10/ 9																					2
8/ 7																					3
6/ 5																					1
4/ 3																					3
2/ 1																					3
0/ -1																					2
-2/ -3																					2
-4/ -5																					1
-6/ -7																					3
-8/ -9																					9
-10/-11																					8
-12/-13																					

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	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
-14/-15																					11
-16/-17																					3
-18/-19																					3
-20/-21																					4
-22/-23																					4
-24/-25																					1
TOTAL			1.2	1.2	6.0	9.5	3.6	6.0	20.2	27.4	23.8	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.	46214	1444	17.2	16.054	84							
Dry Bulb	186876	3972	47.3	3.569	84							93
Wet Bulb	85695	2669	31.8	3.276	84		60.9					93
Dew Point	22713	-157	-1.9	16.432	84	56.5	90.8					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

0001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 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
54/ 53											2.4							2	2		
52/ 51										1.2	13.1							12	12		
50/ 49						1.2			1.2	11.9	8.3							19	19		
48/ 47					1.2			2.4	4.8	16.7								21	21		
46/ 45				1.2	1.2		2.4		4.8	3.6								11	11		
44/ 43				1.2	1.2	1.2	1.2		7.1									10	10		
42/ 41				1.2	1.2	1.2	1.2		3.6									7	7		
40/ 39						1.2			1.2									2	2	4	
38/ 37																				1	
36/ 35																				4	
34/ 33																				16	2
32/ 31																				34	2
30/ 29																				12	2
28/ 27																				9	1
26/ 25																				4	
24/ 23																					1
22/ 19																					1
18/ 17																					3
16/ 15																					2
14/ 13																					2
12/ 11																					1
10/ 9																					1
8/ 7																					1
6/ 5																					4
4/ 3																					4
2/ -1																					4
-2/ -3																					4
-4/ -5																					2
-6/ -9																					13
-10/-11																					9
-12/-13																					9
-14/-15																					6
-16/-17																					6
-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

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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) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-. /-21																					2
-24/-25																					1
TOTAL				3.6	4.8	4.8	4.8	2.4	22.6	33.3	23.8							84	84	84	84

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	41915	1373	16.3	15.317	84							
Dry Bulb	189011	3975	47.3	3.308	84							93
Wet Bulb	841.4	2646	31.5	3.016	84		65.3					93
Dew Point	17757	-169	-2.1	14.486	84	63.1	90.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]0001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]6/ 57												1.2						1	1		
56/ 55												3.6						3	3		
54/ 53										1.2	7.1	1.2						8	8		
52/ 51									1.2	4.8	15.5							18	18		
5[illegible]/ 49							1.2		1.2	7.1	4.8							12	12		
46/ 47						1.2		3.6	4.8	9.5								16	16		
46/ 45					3.6		2.4	1.2	2.4	3.6								11	11		
44/ 43				1.2	1.2			1.2	4.8	2.4								9	9		
42/ 41					1.2				2.4									3	3		
4[illegible]/ 39			1.2	1.2					1.2									3	3	3	
38/ 37																				4	
36/ 35																				8	
34/ 33																				22	1
32/ 31																				25	1
[illegible] / 29																				11	1
28/ 27																				8	4
[illegible]/ 25																				3	2
22/ 21																					1
[illegible]/ 17																					2
16/ 15																					1
[illegible]/ 13																					1
1[illegible]/ 11																					3
[illegible] / 9																					2
[illegible]/ 7																					3
[illegible]/ 5																					1
[illegible]/ 3																					3
[illegible]/ 1																					3
[illegible] / -1																					3
-[illegible]/ -3																					3
-4/ -5																					2
-6/ -7																					1
-8/ -9																					8
-[illegible]/-11																					11
-12/-13																					12

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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

30001	MAUI OPTICAL SITE HI NORTH TOWER	79	JUL
STATION	STATION NAME	YEARS	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
-14/-15																					2
-16/-17																					5
-18/-19																					5
-20/-21																					2
-24/-25																					1
TOTAL			1.2	2.4	6.0	1.2	3.6	6.0	17.9	28.6	27.4	6.0							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.	41749	1329	15.8	15.801	84							
Dry Bulb	199387	4079	48.6	3.977	84							93
Wet Bulb	87863	2755	32.2	3.017	84		52.0					93
Dew Point	18424	-184	-2.2	14.735	84	60.9	91.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0301 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | JUL 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													2.4					2	2		
60/ 59													2.5					2	2		
58/ 57								1.2		1.2		11.0						11	11		
56/ 55		1					1.2			2.4	3.7	4.9						10	10		
54/ 53							3.7	2.4	1.2	3.7	9.8	1.2						18	18		
52/ 51						1.2	1.2		8.5	4.9	7.3							19	19		
50/ 49					1.2			1.2	1.2	2.4	2.4							7	7		
48/ 47					1.2	4.9				3.7								8	8		
46/ 45					1.2					2.4								3	3	1	
44/ 43									1.2									1	1	2	
42/ 41									1.2									1	1	5	
40/ 39																				7	
38/ 37																				13	
36/ 35																				27	
34/ 33																				11	3
32/ 31																				8	3
30/ 29																				6	1
28/ 27																				1	5
26/ 25																				1	2
24/ 23																					2
18/ 17																					3
16/ 15																					2
14/ 13																					4
12/ 11																					5
10/ 9																					3
8/ 7																					2
6/ 5																					2
4/ 3																					2
2/ 1																					2
0/ -1																					3
-4/ -5																					4
-6/ -7																					4
-8/ -9																					8
-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 JUL 64

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0001	MAUI OPTICAL SITE HI NORTH TOWER	79	JUL
STATION	STATION NAME	YEARS	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
-12/-13																					7
-14/-15																					7
-16/-17																					1
-18/-19																					2
TOTAL					3.7	6.1	6.1	4.9	13.4	20.7	23.2	17.1	4.9					82	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.	41519	1432	17.5	14.274	82							
Dry Bulb	229514	4326	52.8	3.992	82							93
Wet Bulb	174502	2912	35.5	3.669	82		18.1					93
Dew Point	21636	316	3.9	15.877	82	46.5	89.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[0001] STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | JUL 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
66/ 65														1.1				1	1		
64/ 63			1.1											1.1				2	2		
62/ 61													3.4					3	3		
60/ 59												2.3	2.3					4	4	1	
58/ 57								3.4				4.6						7	7		
56/ 55						1.1		1.1	1.1	2.3	8.0	8.0						19	19		1
54/ 53						1.1	5.7		1.1	3.4	9.2	4.6						22	22		
52/ 51				1.1		3.4	1.1	2.3	3.4	1.1	4.6							15	15		
50/ 49				1.1		4.6	1.1				1.1							7	7		
48/ 47					1.1					5.7								6	6		
46/ 45																				2	
44/ 43									1.1									1	1	8	
42/ 41																				7	
40/ 39																				10	1
38/ 37																				14	2
36/ 35																				20	
34/ 33																				14	
32/ 31																				4	6
30/ 29																				6	10
28/ 27																				1	2
26/ 25																					2
24/ 23																					1
22/ 21																					2
20/ 19																					1
18/ 15																					1
14/ 13																					1
12/ 11																					3
/ 9																					3
8/ 7																					2
6/ 5																					3
4/ 3																					2
/ -1																					2
-2/ -3																					5
-4/ -5																					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) 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) JUL (MONTH)

PAGE ? 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																					7
-8/ -9																					6
-10/-11																					5
-12/-13																					7
-14/-15																					4
-16/-17																					2
-32/-33																					1
TOTAL			1.1	2.3	1.1	10.3	8.0	6.9	6.9	12.6	23.0	19.5	5.7	2.3					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.	61727	1751	20.1	17.572	87							93
Dry Bulb	255576	4714	54.1	3.790	87							93
Wet Bulb	121406	3224	37.1	4.741	87		11.8					93
Dew Point	33361	588	6.8	18.491	87	47.0	88.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | JUL 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
76/ 75																1.1		1	1		
64/ 63														1.1				1	1		
61/ 59													2.3					2	2		
58/ 57											1.1	4.6						5	5		
56/ 55								1.1	1.1	2.3	2.3	10.3						15	15		
54/ 53							3.4	2.3	3.4	2.3	10.3	3.4						22	22		
52/ 51						1.1	3.4	1.1	2.3	3.4	4.6							14	14		
50/ 49						2.3	2.3	2.3	2.3	5.7	5.7							18	18		
48/ 47					1.1	1.1	1.1	1.1		2.3								6	6		
46/ 45																				1	
44/ 43									1.1									1	1		
42/ 41									2.3									2	2	7	
40/ 39																				14	
38/ 37																				8	
36/ 35																				18	
34/ 33																				22	
32/ 31																				12	4
30/ 29																				2	5
28/ 27																				2	2
26/ 25																				1	2
24/ 23																					4
22/ 21																					1
20/ 19																					2
18/ 17																					3
16/ 15																					3
14/ 13																					4
12/ 9																					2
8/ 7																					4
6/ 5																					2
4/ 3																					1
2/ -1																					3
0/ -3																					4
-4/ -5																					3
-6/ -7																					8

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

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

93001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | JUL 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/ -9																					7
-10/-11																					3
-12/-13																					8
-14/-15																					7
-16/-17																					4
-18/-31																					1
TOTAL					1.1	4.6	10.3	8.0	12.6	16.1	24.1	18.4	2.3	1.1		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.	40750	1472	16.9	13.573	87							
Dry Bulb	243554	4588	52.7	4.317	87			1.1	1.1			93
Wet Bulb	11.068	3 79	35.4	3.689	87		18.2					93
Dew Point	23012	280	3.2	16.034	87	51.3	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

30021 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 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
58/ 57												3.5						3	3		
56/ 55												1.2						1	1		
54/ 53											9.4	1.2						9	9		
52/ 51							1.2	1.2	1.2	3.5	11.8							16	16		
50/ 49								1.2	4.7	8.2	8.2							19	19		
48/ 47					1.2	2.4	3.5	3.5	4.7	7.1								19	19		
46/ 45					2.4			2.4	2.4	2.4								8	8		
44/ 43				2.4				1.2	1.2	1.2								5	5		
42/ 41								1.2	1.2									2	2		
40/ 39								1.2	1.2									2	2	4	
38/ 37								1.2										1	1	7	
36/ 35																				8	
34/ 33																				24	
32/ 31																				25	2
30/ 29																				10	3
28/ 27																				3	
26/ 25																				3	3
24/ 23																				1	2
22/ 21																					2
20/ 19																					1
18/ 17																					1
16/ 15																					2
14/ 13																					5
12/ 11																					1
10/ 9																					3
8/ 7																					1
6/ 5																					3
4/ 3																					3
2/ 1																					2
0/ -1																					4
-2/ -3																					3
-4/ -5																					3
-6/ -7																					8
-8/ -9																					4
-10/-11																					

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) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

.0001 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 79 (YEARS) | JUL (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
-1</-13																					8
-14/-15																					10
-16/-17																					4
- 8/-19																					5
-2 /-21																					2
TOTAL				2.4	3.5	2.4	4.7	12.9	16.5	22.4	29.4	5.9							85		85
																		85		85	

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.	36321	1325	15.6	13.657	85							
Dry Bulb	205687	4169	49.0	3.795	85							93
Wet Bulb	91323	2773	32.6	3.196	85		46.0					93
Dew Point	18334	-117	-1.3	14.716	85	58.0	93.0					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

.0001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | JUL 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											1.2	1.2						2	2		
54/ 53											3.6							3	3		
52/ 51										1.2	12.0							11	11		
5 / 49						1.2		1.2	3.6	1.2	10.8							15	15		
48/ 47						1.2	1.2	3.6	3.6	16.9								22	22		
46/ 45					3.6		1.2	3.6	4.8									11	11		
44/ 43				1.2	1.2	1.2	2.4		1.2	2.4								8	8		
42/ 41					1.2	1.2			4.8									6	6		
4 / 39						1.2			2.4									3	3	2	
36/ 37																				4	
36/ 35						1.2												1	1	10	
34/ 33																				13	
32/ 31					1.2													1	1	27	1
3 / 29																				16	2
28/ 27																				3	2
26/ 25																				8	3
24/ 23																					1
2 / 19																					1
18/ 17																					4
16/ 15																					3
14/ 13																					4
12/ 11																					1
1 / 9																					1
8/ 7																					3
6/ 5																					5
4/ 3																					3
2/ 1																					1
/ -1																					3
-4/ -5																					2
-6/ -7																					1
-8/ -9																					1
- /-11																					2
-12/-13																					6
-14/-15																					7

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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

.0001 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 79 (YEARS) | JUL (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
-16/-17																					7
-18/-19																					3
-20/-21																					4
-22/-23																					5
-24/-25																					1
TOTAL				1.2	7.2	7.2	4.8	8.4	20.5	21.7	27.7	1.2							83		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.	42742	1423	17.1	14.971	83							
Dry Bulb	186384	3918	47.2	4.184	83		1.1					93
Wet Bulb	84183	2628	31.7	3.262	83		60.9					93
Dew Point	21532	-148	-1.8	16.105	83	53.8	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

(0003) STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 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
78/ 75																.1		1	1		
66/ 65														.1				1	1		
64/ 63			.1											.3				3	3		
62/ 61													.7					5	5		
60/ 59												.3	.9					8	8	1	
58/ 57								.6		.1	.1	3.1						27	27		
56/ 55						.1	.1	.3	.3	1.0	1.9	3.7						51	51		1
54/ 53						.1	1.6	.6	.7	1.3	6.7	1.6						86	86		
52/ 51				.1		.7	.9	.6	2.3	2.7	9.8							115	115		
50/ 49				.1	.3	1.2	.6	.7	2.1	5.8	6.8							119	119		
48/ 47					.7	1.5	1.0	1.8	2.5	8.9								111	111		
46/ 45				.1	1.6	.3	.9	1.3	2.1	2.2								58	58	4	
44/ 43				.9	.9	.9	.4	.4	2.8	.7								48	48	10	
42/ 41			.1	.1	.4	.4	.1	.1	2.5									27	27	20	
40/ 39			.1	.1		.3		.3	1.1									13	13	44	1
38/ 37								.1										1	1	60	2
36/ 35						.1												1	1	100	
34/ 33																				136	8
32/ 31					.1													1	1	167	19
30/ 29																				74	25
28/ 27																				34	19
26/ 25																				25	17
24/ 23																				1	12
22/ 21																					6
20/ 19																					11
18/ 17																					17
16/ 15																					14
14/ 13																					20
12/ 11																					19
10/ 9																					15
8/ 7																					21
6/ 5																					19
4/ 3																					19
2/ 1																					14

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

4876

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (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
[illegible] / -3																					20
-4 / -5																					22
-6 / -7																					23
-8 / -9																					25
- [illegible] / -11																					55
-12 / -13																					52
-14 / -15																					66
-16 / -17																					54
- [illegible] / -19																					32
-20 / -21																					19
- 22 / -23																					14
-24 / -25																					9
- [illegible] / -31																					4
-32 / -33																					1
TOTAL			.4	1.6	4.1	5.8	5.8	7.0	16.3	22.8	25.3	8.7	1.6	.4		.1			676		676
																		676		676	

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.	352998	11548	17.1	15.189	676							
Dry Bulb	1697989	33731	49.9	4.695	676		1.1	1.1	1.1			744
Wet Bulb	769243	22635	33.5	4.762	676		331.3					744
Dew Point	176778	416	.6	16.171	676	436.9	730.8					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

0001 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 79 (YEARS) | AUG (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
64/ 63													2.5					2	2		
62/ 61													1.2					1	1		
60/ 59								1.2				2.5	2.5					5	5		
58/ 57				1.2		1.2	3.7		1.2	1.2		1.2						8	8		
56/ 55			1.2	2.5			1.2				1.2							5	5		
54/ 53						1.2	1.2		1.2	2.5	2.5							7	7		
52/ 51					1.2	1.2		1.2	1.2	3.7	7.4							13	13	4	
50/ 49					2.5	1.2	4.9	4.9	2.5	2.5								15	15		1
48/ 47					1.2	7.4	1.2	1.2	1.2									13	10	2	3
46/ 45				2.5		2.5		1.2										5	5	3	
44/ 43					2.5		1.2	2.5	1.2									6	6	3	
42/ 41				1.2	1.2	1.2	1.2											4	4	6	
40/ 39																				7	1
38/ 37																				17	1
36/ 35																				16	1
34/ 33																				12	6
32/ 31																				8	6
30/ 29																				2	1
28/ 27																				1	1
26/ 25																					8
24/ 23																					3
22/ 21																					6
20/ 19																					3
18/ 17																					4
16/ 15																					3
14/ 13																					2
12/ 11																					3
8/ 7																					2
6/ 5																					4
4/ 3																					3
2/ 1																					2
0/ -1																					1
-2/ -3																					2
-4/ -5																					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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]0001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-6/ -7																				5
-[illegible] /-11																				1
-12/-13																				3
TOTAL			1.2	7.4	8.6	16.0	14.8	12.3	8.6	9.9	11.1	3.7	6.2						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.	106085	2511	31.0	18.790	81							
Dry Bulb	213392	4136	51.1	5.245	81							93
Wet Bulb	116062	3 38	37.9	5.146	81		12.6					93
Dew Point	42494	1336	16.9	15.992	81	19.5	78.1					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

00C1	MAUI OPTICAL SITE HI NORTH TOWER	79	AUG
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63													2.5					2	2		
62/ 61										1.2		1.2	4.9					6	6		
60/ 59							1.2					1.2	1.2					3	3		
58/ 57				1.2		1.2	1.2		2.3	2.5	1.2	2.5						10	10		
56/ 55		1.2	1.2	1.2		1.2	2.5	1.2	4.9	2.5	6.2	1.2						19	19		
54/ 53						1.2		3.7	2.5	2.5	3.7	2.5						13	13	2	
52/ 51							1.2	1.2	2.5		3.7							7	7	1	1
50/ 49					1.2			3.7		2.5								6	6	2	2
48/ 47				1.2	3.7		1.2	2.5										7	7	1	1
46/ 45						4.9	2.5											6	6	2	
44/ 43							1.2											1	1	5	
42/ 41					1.2													1	1	4	1
40/ 39																				18	
38/ 37																				13	
36/ 35																				18	2
34/ 33																				11	6
32/ 31																				4	2
30/ 29																					2
28/ 25																					3
24/ 23																					7
22/ 21																					5
20/ 19																					6
18/ 17																					2
16/ 15																					7
14/ 13																					4
12/ 11																					2
10/ 9																					1
8/ 7																					3
6/ 5																					1
4/ 3																					3
2/ 1																					1
0/ -1																					2
-2/ -3																					2
-4/ -5																					5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obr.	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

10001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (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
-6/ -7																					2
-8/ -9																					3
-10/-11																					1
-12/-13																					1
-14/-15																					1
-16/-17																					1
-18/-19																					1
TOTAL		1.2	1.2	3.7	6.2	8.6	11.1	12.3	12.3	11.1	14.8	8.6	8.6						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.	90643	2227	27.5	19.175	81							
Dry Bulb	235336	4348	53.7	4.924	81							93
Wet Bulb	122 08	3120	38.5	4.783	81		4.6					93
Dew Point	4.333	1236	15.3	16.385	81	21.9	78.1					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

0001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | AUG 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
72/ 62												1.2	3.7					4	4		
71/ 59						3.7						2.5	1.2					6	6		
69/ 57				1.2	1.2		1.2		1.2	3.7		3.7						10	10		
68/ 55				2.5				1.2	1.2	2.5	1.2	3.7						10	10		
66/ 53						3.7	2.5	2.5	1.2	3.7	2.5	2.5						15	15		
64/ 51						1.2	2.5	1.2	2.5	4.9	1.2							11	11	3	
63/ 49					1.2	1.2	3.7	3.7	3.7	2.5								13	13	4	
62/ 47						2.5	1.2											3	3	1	1
60/ 45					1.2	2.5	2.5	1.2	1.2									7	7	1	3
60/ 43								1.2										1	1	4	1
59/ 41							1.2											1	1	6	2
57/ 39																				11	
56/ 37																				18	2
56/ 35																				13	
54/ 33																				14	3
53/ 31																				4	1
52/ 29																				2	3
50/ 27																					4
50/ 25																					5
49/ 23																					1
47/ 21																					8
46/ 19																					1
45/ 17																					4
44/ 15																					6
43/ 13																					2
42/ 11																					1
41/ 9																					3
40/ 7																					3
39/ 5																					5
47/ 3																					4
46/ 1																					2
45/ -1																					3
44/ -3																					4
43/ -5																					3

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

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDIT 3/65 OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

.0001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) AUG (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
-1./-13																					3
-14/-15																					1
-16/-17																					2
TOTAL				3.7	3.7	14.8	14.8	11.1	11.1	17.3	4.9	13.6	4.9						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.	838 8	2204	27.2	17.262	81							
Dry Bulb	229956	43.0	53.9	4.589	81							93
Wet Bulb	12. 347	3 95	38.2	5.1 18	81		6.9					93
Dew Point	40089	1225	15.1	16.418	81	18.4	79.3					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

0001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | AUG 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
74/ 73													2.5					2	2		
68/ 67														1.2				1	1		
66/ 65													1.2	1.2				2	2		
64/ 63							2.5	1.2	1.2		1.2							5	5		
62/ 61						1.2			1.2	1.2	1.2	1.2	1.2					6	6		
60/ 59						1.2			1.2	1.2	1.2	1.2	3.7					8	8		
58/ 57		1.2						3.7	1.2			6.2						10	10		
56/ 55				1.2		1.2	2.5	3.7	2.5	3.7		3.7						15	15	1	1
54/ 53			1.2			1.2	3.7	3.7	3.7	1.2								12	12	1	
52/ 51							1.2		4.9	3.7								8	8	4	
50/ 49						4.9	1.2	1.2										6	6	5	1
48/ 47				1.2	1.2		2.5											4	4		
46/ 45																				3	1
44/ 43																				10	4
42/ 41		1.2																1	1	16	
40/ 39		1.2																1	1	13	1
38/ 37																				15	1
36/ 35																				12	5
34/ 33																				1	2
32/ 31																					2
30/ 29																					7
28/ 27																					5
26/ 25																					5
24/ 23																					9
22/ 21																					3
20/ 19																					2
18/ 17																					3
16/ 15																					6
14/ 13																					2
12/ 11																					1
10/ 9																					4
8/ 7																					1
6/ 5																					1
4/ 3																					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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

30301	MAUI OPTICAL SITE HI NORTH TOWER	79	AUG
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
/																					2
/ -																					1
-6/ -7																					3
-8/ -9																					2
- /-11																					2
-1 /-13																					1
-14/-15																					2
TOTAL		3.7	1.2	2.5	1.2	9.9	13.6	13.6	16.0	11.1	3.7	12.3	8.6	2.5					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.	107293	2469	30.5	20.011	81							
Dry Bulb	258394	4548	56.1	5.844	81			3.4	2.3			93
Wet Bulb	138781	3329	41.1	4.954	81							93
Dew Point	53693	1644	20.3	15.935	81	12.6	74.6					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

JUDI — STATION
MAUI OPTICAL SITE HI NORTH TOWER — STATION NAME
79 — 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
/ 69														1.2				1	1		
68/ 67								1.2						1.2	1.2			3	3		
66/ 65														2.4				2	2		
64/ 63						1.2		2.4	1.2	1.2	3.6			1.2				9	9		
62/ 6.						1.2	1.2		1.2	1.2	1.2	2.4						7	7		
6 / 59				1.2					4.8	6.0	1.2							11	11		
58/ 57		1.2						8.3	6.0		2.4							15	15		
56/ 55				1.2		1.2	2.4	6.0	7.2	2.4	1.2							18	18	1	
54/ 53					1.2		3.6			1.2								5	5	4	1
52/ 51					1.2	2.4	1.2											4	4	3	
5 / 49					2.4													2	2	1	1
48/ 47						6.0												5	5	2	1
46/ 45																				5	3
44/ 43																				22	
42/ 41		1.2																1	1	27	1
0 / 39					1.2													1	1	13	3
38/ 37																				3	3
36/ 35																				2	1
34/ 33																				1	3
32/ 31																					4
3 / 29																					11
28/ 27																					16
26/ 25																					4
24/ 23																					8
22/ 21																					6
/ 19																					3
18/ 17																					2
14/ 13																					2
12/ 11																					2
/ 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

(0001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | AUG 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
-4/ -5																					1
-6/ -7																					1
TOTAL		2.4		2.4	6.0	11.9	8.3	17.9	20.2	11.9	9.5	2.4		6.0	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.	117871	2829	33.6	16.597	84							
Dry Bulb	279717	4825	57.4	5.561	84			4.4				93
Wet Bulb	156332	3608	43.1	4.121	84							93
Dew Point	67153	2179	25.9	11.426	84	3.3	74.2					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

(illegible) STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
7 / 69													1.2					1	1		
66/ 65									1.2		1.2							2	2		
64/ 63									2.4	1.2								3	3		
62/ 61						1.2	1.2			2.4		2.4	1.2					7	7		
6 / 59				1.2		1.2		1.2	2.4	3.6		2.4						10	10		
58/ 57			1.2	1.2	1.2			1.2	2.4	2.4	2.4	2.4						12	12		
56/ 55								13.1	4.8		3.6	1.2						19	19		
54/ 53						2.4	7.1	3.6										11	11	2	
52/ 51					3.6	1.2	4.8	2.4	2.4									12	12	3	
5 / 49					2.4		1.2											3	3	3	2
49/ 47						2.4	1.2											3	3	3	1
46/ 45							1.2											1	1	6	1
44/ 43																				16	2
42/ 41																				20	1
40 / 39																				16	
38/ 37																				8	3
36/ 35																				5	3
34/ 33																				2	4
32/ 31																					2
30 / 29																					11
28/ 27																					13
26/ 25																					7
24/ 23																					7
22/ 21																					4
20 / 19																					4
18/ 17																					3
16/ 15																					2
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

30001	MAUI OPTICAL SITE HI NORTH TOWER	79	AUG
STATION	STATION NAME	YEARS	MONTH

PAGE 7 — HOURS (L. S. T.) 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-5/ -9																					1
TOTAL			1.2	2.4	7.1	8.3	16.7	21.4	15.5	9.5	7.1	8.3	2.4						84		84
																		84		84	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	111331	2788	33.2	15.048	84							
Dry Bulb	266187	4714	56.1	4.438	84			1.1				93
Wet Bulb	149927	3531	42.1	4.250	84							93
Dew Point	63146	2192	24.9	11.536	84	1.1	74.2					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

[illegible] STATION | MAUI O-TICAL SITE HI NORTH TOWER STATION NAME | 79 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
[illegible]6/ 65												1.3						1	1		
64/ 63													2.5					2	2		
62/ 61											1.3							1	1		
[illegible] / 59										3.8	1.3							4	4		
[illegible]8/ 57									1.3	1.3	1.3	2.5						5	5		
56/ 55							2.5	2.5	1.3	2.5		1.3						8	8		
[illegible]4/ 53				5.1			1.3	1.3	2.5		3.8							11	11		
[illegible]2/ 51			1.3		1.3	1.3	3.8	2.5	1.3	1.3	6.3							15	15		
50 / 49						3.8	2.5	2.5	1.3									8	8	4	
[illegible]8/ 47				1.3	2.5	3.8		1.3										7	7	1	
[illegible]6/ 45				1.3	3.8	3.8	2.5											9	9		3
[illegible]4/ 43					1.3	1.3		2.5	1.3									5	5	5	1
[illegible]2/ 41				1.3				1.3										2	2	12	1
[illegible] / 39				1.3														1	1	15	
38/ 37																				16	
36/ 35																				14	2
34/ 33																				10	1
32/ 31																				4	6
[illegible] / 29																				1	5
[illegible]8/ 27																				1	9
[illegible]6/ 25																					6
[illegible]4/ 23																					1
[illegible]2/ 21																					6
[illegible] / 19																					6
[illegible]8/ 17																					4
16/ 15																					4
[illegible]4/ 13																					4
12/ 11																					2
[illegible] / 9																					3
[illegible]/ 7																					2
[illegible]/ 3																					1
-2/ -3																					4
-4/ -5																					2
-6/ -7																					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	MAUI OPTICAL SITE HI NORTH TOWER	79	AUG
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 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
-8/ -9																					3
-10/-13																					1
TOTAL			1.3	10.1	8.9	13.9	12.7	13.9	8.9	8.9	13.9	5.1	2.5					79	79	79	79

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	111515	2595	32.8	18.353	79							
Dry Bulb	212533	4075	51.6	5.436	79							93
Wet Bulb	177 1	3 29	38.3	4.478	79		7.1					93
Dew Point	44144	1522	19.3	13.785	79	14.1	83.6					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

000. STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 59												1.3						1	1		
[illegible] / 57				2.5					3.8		2.5	2.5						9	9		
56 / 55			1.3	1.3			1.3		3.8	1.3		1.3						8	8		
4/ 53				3.8			5.1	1.3	1.3		1.3							10	10		
52 / 51							1.3		3.8	2.5	11.4							15	15	4	
5L / 49					2.5	2.5		3.8										7	7	2	
48 / 47					1.3	2.5	3.8											6	6	1	3
46 / 45				1.3	3.8	2.5		1.3										7	7		2
44 / 43				2.5	1.3		3.9	1.3										7	7	4	2
42 / 41				1.3	3.8	1.3		3.8										8	8	8	
40 / 39					1.3													1	1	10	
38 / 37																				12	
36 / 35																				17	
34 / 33																				10	2
32 / 31																				8	7
30 / 29																					4
28 / 27																				3	5
26 / 25																					10
24 / 23																					4
22 / 21																					3
20 / 19																					1
18 / 17																					3
16 / 15																					4
14 / 13																					1
12 / 11																					4
10 / 9																					3
8 / 7																					1
6 / 5																					3
4 / 3																					2
-1 / -5																					4
-6 / -7																					5
-8 / -9																					4
- / -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) AUG (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
TOTAL			1.3	12.7	13.9	8.9	15.2	11.4	12.7	3.8	15.2	5.1						79	79	79	79

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.	122435	2687	34.0	19.956	79							93
Dry Bulb	201145	3965	50.2	5.241	79							93
Wet Bulb	114[illegible]2	2972	37.6	5.412	79		12.9					93
Dew Point	45990	1438	18.2	15.938	79	17.7	82.4					93

FORM AM 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

[illegible] STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 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
[illegible] 73													.3					2	2		
[illegible] 69													.2	.2				2	2		
[illegible] 67								.2						.3	.2			4	4		
[illegible] 65									.2		.2	.2	.2	.5				7	7		
[illegible] 63						.2	.3	.5	.6	.3	.5		.9	.2				23	23		
[illegible] 61						.5	.3		.3	.8	.5	1.1	1.5					32	32		
[illegible] 59				.3		.8	.2	.3	1.1	1.8	.5	1.4	1.1					48	48		
[illegible] 57		.3	.2	.9	.3	.3	.8	1.7	2.5	1.4	1.2	2.6						79	79		
56/ 55		.2	.5	1.2		.5	1.5	3.5	3.2	1.8	1.7	1.5						102	102	2	1
[illegible] 53			.2	1.1	.2	1.2	3.1	2.0	1.5	1.4	1.7	.6						84	84	9	1
[illegible] 51			.2		.9	.9	2.1	1.1	2.3	2.0	3.7							85	85	22	1
50/ 49					1.5	1.7	1.7	2.5	.9	.9								60	60	21	7
48/ 47				.5	1.2	3.1	1.4	.6	.2									45	45	11	10
[illegible] 45				.6	1.1	2.0	1.1	.5	.2									35	35	20	13
44/ 43				.3	.6	.2	.8	.9	.3									20	20	69	10
[illegible] 41		.3		.5	.8	.3	.3	.5										18	18	99	6
[illegible] 39		.2		.2	.3													4	4	103	5
38/ 37																				102	10
[illegible] 35																				93	14
34/ 33																				61	27
[illegible] 31																				28	30
[illegible] 29																				5	44
[illegible] 27																				5	53
[illegible] 25																					48
[illegible] 23																					40
[illegible] 21																					41
[illegible] 19																					26
[illegible] 17																					25
[illegible] 15																					32
[illegible] 13																					18
[illegible] 11																					17
[illegible] 9																					17
[illegible] 7																					14
[illegible] 5																					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

0001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) AUG (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/ 3																					17
/ 1																					10
/ -1																					4
- / -3																					12
-4/ -5																					21
-6/ -7																					18
-8/ -9																					13
- /-11																					9
-12/-13																					9
-14/-15																					4
-16/-17																					3
-18/-19																					1
TOTAL		.9	.5	5.5	6.9	11.5	13.4	14.3	13.2	10.5	10.0	7.4	4.2	1.1	.2			650	650		650
																		650		65	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	851000	20306	31.2	18.270	650							
Dry Bulb	1896323	34911	53.7	5.726	650			9.3	2.3			744
Wet Bulb	1 353[illegible]0	25722	39.6	5.181	650		43.5					744
Dew Point	397136	12668	19.5	15.210	650	107.6	623.8					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

[redacted] (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 79 (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] / 61											1.1							1	1		
[illegible] / 59											1.1							1	1		
61 / 57				3.4	1.1					2.3	1.1							7	7		
59 / 55					2.3					2.3	1.1							5	5		
[illegible] / 53			1.1						1.1		1.1							3	3		
[illegible] / 51		1.1	1.1					1.1	2.3	1.1								6	6	3	
[illegible] / 49						1.1			1.1	1.1								3	3	4	1
[illegible] / 47						1.1	1.1		1.1									3	3	2	3
[illegible] / 45						1.1		4.6	3.4									8	8		2
[illegible] / 43						2.3		2.3										4	4	1	2
[illegible] / 41				3.4	3.4		1.1											7	7		1
[illegible] / 39						4.6	11.5	2.3	1.1									17	17	6	
37 / 37				1.1	1.1	1.1	6.9	1.1										10	10	8	
[illegible] / 35					1.1	2.3	2.3	1.1										6	6	6	
34 / 33				2.3			1.1											3	3	8	
[illegible] / 31				1.1			1.1											2	2	8	2
[illegible] / 29																				14	1
[illegible] / 27					1.1													1	1	13	1
[illegible] / 25																				10	4
[illegible] / 23																				4	2
[illegible] / 21																				2	3
[illegible] / [illegible]																				1	5
[illegible] / 17																					2
16 / 15																					7
[illegible] / 13																					3
1 / 11																					3
[illegible] / 9																					5
[illegible] / 7																					11
[illegible] / 5																					7
[illegible] / [illegible]																					6
[illegible] / [illegible]																					1
[illegible] / -1																					1
- / -3																					6
-4 / -5																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

(0001) STATION — MAUI OPTICAL SITE HI NORTH TOWER STATION NAME — 79 YEARS — SEP 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
-5/ -7																					1
- /-11																					1
-1 /-13																					1
-1 /-19																					1
-5 /-21																					2
TOTAL		1.1	2.3	11.5	10.3	13.8	25.3	12.6	10.3	6.9	5.7								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.	124090	2832	32.6	19.261	87							
Dry Bulb	175189	3843	44.2	7.949	87		3.1					90
Wet Bulb	99 96	2980	32.9	7.684	87		50.7					90
Dew Point	359 6	1148	13.2	15.536	87	15.3	80.7					96

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

0001	MAUI OPTICAL SITE HI NORTH TOWER	79	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
-4/ 63											1.1							1	1		
-/ 59									1.1									1	1		
60/ 57			1.1	2.3		1.1			2.3									6	6		
56/ 55		1.1	2.3	2.3	2.3			1.1		1.1								9	9		
54/ 53					1.1					2.3								3	3	2	
52/ 51																				4	1
5 / 49											1.1							1	1	3	4
48/ 47							2.3	1.1	2.3									5	5	2	1
46/ 45					1.1		1.1		1.1									3	3	1	1
44/ 43				1.1	4.6	5.7	2.3	1.1										13	13	5	2
42/ 41				2.3		2.3	5.7											9	9		2
4 / 39						1.1	9.2	1.1	1.1									11	11	1	1
38/ 37	1.1	2.3			4.6	6.9	1.1	2.3										16	16	7	
36/ 35						2.3	2.3											4	4	10	3
34/ 33			1.1		1.1		1.1											3	3	7	
32/ 31		1.1	1.1															2	2	9	2
3 / 29																				13	2
8/ 27																				13	6
6/ 25																				6	4
24/ 23																				3	2
22/ 21																				1	4
- / 19																					4
- / 17																					5
14/ 13																					7
12/ 11																					4
1 / 9																					3
8/ 7																					1
6/ 5																					11
4/ 3																					4
2/ 1																					2
1/ -1																					2
-2/ -3																					1
-4/ -7																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
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

70001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) SEP (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
-5/ -9																					1
- /-11																					1
-14/-15																					2
-2/-23																					1
-2?/-29																					1
TOTAL	1.1	4.6	5.7	8.0	14.9	19.5	25.3	6.9	8.1	3.4	2.3								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.	182038	3494	40.1	22.024	87							
Dry Bulb	174743	3841	44.1	7.748	87		2.?					9?
Wet Bulb	1 7973	2983	34.?	8.065	87		46.6					9?
Dew Point	52393	1569	18.?	16.739	87	9.3	74.5					9?

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

000: MAUI OPTICAL SITE HI NORTH TOWER 79 SEP
STATION / STATION NAME / YEARS / MONTH

 1600-0800 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
[illegible] / 61										1.2								1	1		
- / 59					1.2	1.2	1.2											3	3		
59 / 57				2.3	1.2	1.2			1.2		1.2	1.2						7	7		
56 / 55		1.2	2.3		1.2	1.2												5	5		
54 / 53										1.2								1	1	1	
52 / 51		1.2							1.2									2	2	6	1
5 / 49								2.3		1.2								3	3	3	2
48 / 47				1.2			2.3	1.2	3.5									7	7	2	3
46 / 45					1.2	2.3	1.2	1.2	2.3									7	7	1	1
44 / 43						3.5	1.2	2.3	1.2									7	7	1	1
42 / 41				1.2	1.2	2.3	4.7	3.5										11	11	2	3
4 / 39						2.3	10.5		1.2									12	12		
38 / 37					5.8	3.5	2.3	1.2										11	11	4	1
3 / 35						3.5												3	3	1	2
34 / 33			1.2	1.2	1.2		1.2											4	4	5	
32 / 31			1.2			1.2												2	2	9	
3 / 29																				17	2
27 / 27																				16	
26 / 25																				7	3
24 / 23																				1	4
22 / 21																				1	1
2 / 19																					7
18 / 17																					6
16 / 15																					5
14 / 13																					3
12 / 11																					6
/ 9																					2
8 / 7																					10
6 / 5																					4
4 / 3																					8
/ 1																					4
/ -1																					2
-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

.0001 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 79 (YEARS) | SEP (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
-1?/-15																					1
- /-21																					1
TOTAL		2.3	4.7	5.8	12.8	22.1	24.4	11.6	10.5	3.5	1.2	1.2						86	86	86	86

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	139491	3074	35.7	18.665	86							
Dry Bulb	176195	3835	44.6	7.807	86		2.1					9[illegible]
Wet Bulb	174037	29[illegible]9	33.8	8.145	86		53.4					9[illegible]
Dew Point	42825	1405	16.3	15.290	86	7.3	75.3					9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

9001 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 79 (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
64/ 63							1.2			1.2		1.2						3	3		
62/ 61						2.3	1.2		1.2		1.2	2.3						7	7		
60/ 59				1.2	1.2	1.2	1.2					1.2						5	5		
58/ 57				2.3	1.2													3	3		
56/ 55						1.2				1.2								2	2		
54/ 53																				3	
52/ 51						2.3	1.2	1.2	2.3	1.2								7	7	5	
50/ 49						2.3	2.3	1.2	2.3	3.5								10	10	2	
48/ 47				1.2	2.3			1.2	4.7									8	8	1	4
46/ 45				1.2	1.2	1.2	2.3	2.3	1.2									8	8	3	2
44/ 43					1.2	4.7	3.5	4.7	3.5									15	15		3
42/ 41						2.3	3.5	7.0										11	11	9	
40/ 39			1.2	1.2	1.2													3	3	7	1
38/ 37						1.2		1.2										2	2	5	1
36/ 35					1.2													1	1	7	1
34/ 33					1.2													1	1	12	3
32/ 31																				11	3
30/ 29																				14	6
28/ 27																				5	1
26/ 25																				1	4
24/ 23																				1	1
22/ 21																					3
20/ 19																					3
18/ 17																					3
16/ 15																					6
14/ 13																					4
12/ 11																					8
10/ 9																					4
8/ 7																					7
6/ 5																					6
4/ 3																					5
2/ 1																					1
0/ -1																					1
-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

0001 (STATION) | MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) | 79 (YEARS) | SEP (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
-4/ -5																					1
-8/ -9																					1
-12/-13																					1
-14/-15																					1
TOTAL			1.2	7.0	10.5	18.6	16.3	18.6	15.1	7.0	1.2	4.7						86	86	86	86

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	18883	2865	33.3	16.606	86							
Dry Bulb	21686	4178	48.6	7.446	86							90
Wet Bulb	18947	3139	36.5	7.409	86		33.5					93
Dew Point	16763	1568	18.2	14.622	86	6.3	74.3					91

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0801 — STATION
MAUI OPTICAL SITE HI NORTH TOWER — STATION NAME
79 — YEARS
SEP — MONTH

1200-1400 — HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 65						1.2												1	1		
64/ 63					1.2				1.2									2	2		
82/ 6[illegible]					1.2			1.2	3.6	1.2		1.2						7	7		
[illegible] / 59				2.4				2.4		2.4		1.2						7	7		
58/ 57								2.4										2	2	1	
56/ 55								2.4										2	2	2	
54/ 53							1.2		1.2	1.2								3	3	2	
52/ 51						1.2	3.6	1.2	2.4	2.4								9	9		2
50/ 49				1.2	2.4	2.4	1.2		3.6		1.2							10	10		
48/ 47					2.4	1.2	1.2	2.4	4.8									10	10	5	3
46/ 45					1.2	1.2	1.2	2.4	4.8									9	9	4	
44/ 43					2.4	1.2	1.2	2.4	2.4									8	9	4	
42/ 4[illegible]				1.2		1.2	1.2	1.2	1.2									5	5	8	
4 / 39			1.2		1.2	1.2		2.4										5	5	6	
38/ 37					1.2	1.2												2	2	10	1
36/ 35					2.4													2	2	6	4
34/ 33																				9	4
32/ 31																				11	2
/ 29																				10	6
28/ 27																				3	8
26/ 25																				3	4
24/ 23																					4
22/ 21																					3
[illegible] / 19																					3
18/ 17																					2
16/ 15																					5
14/ 13																					3
12/ 11																					5
/ 9																					3
8/ 7																					5
6/ 5																					2
4/ 3																					2
2/ 1																					4
/ -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

:0001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (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
-4/ -5																				2
-6/ -9																				2
-1 /-13																				1
-14/-15																				1
-16/-17																				1
TOTAL			1.2	4.8	15.5	11.9	10.7	20.2	25.0	7.1	1.2	2.4								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.	112852	2760	32.9	16.342	84							9[illegible]
Dry Bulb	211885	4173	49.7	7.425	84							9[illegible]
Wet Bulb	12[illegible]645	3125	37.2	7.271	84		28.9					9[illegible]
Dew Point	467.7	1578	18.8	15.152	84	9.5	75.0					9[illegible]

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

3001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | SEP MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 62							2.4			1.2		1.2						4	4		
61/ 59				1.2	2.4			1.2	2.4	2.4								8	8		
59/ 57					1.2	2.4			3.5		1.2							7	7		
56/ 55								1.2	1.2									2	2		
54/ 53						1.2	1.2				1.2							3	3	1	
52/ 51						1.2	1.2	2.4	4.7	1.2								9	9	4	
50/ 49						2.4		1.2	1.2									4	4	1	1
49/ 47				1.2	1.2		2.4	4.7	2.4									10	10	2	1
46/ 45				2.4	3.5	2.4		2.4	2.4									11	11	3	
44/ 43					1.2		1.2	5.9	2.4									9	9	5	2
42/ 41				1.2	2.4	1.2	7.1	1.1										11	11	8	2
41/ 39					1.2	1.2												2	2	7	
38/ 37						1.2		2.4										3	3	8	2
36/ 35					1.2													1	1	8	2
34/ 33																				10	2
32/ 31					1.2													1	1	9	5
30/ 29																				12	6
28/ 27																				4	2
26/ 25																					7
24/ 23																				3	3
22/ 21																					3
20/ 19																					1
18/ 17																					6
16/ 15																					1
14/ 13																					9
12/ 11																					7
10/ 9																					5
8/ 7																					3
6/ 5																					3
4/ 3																					2
2/ 1																					2
0/ -2																					2
-2/ -3																					2
-4/ -5																					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												

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

0001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) SEP (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
-14/-15																					1
-16/-17																					1
TOTAL				5.9	15.3	12.9	15.3	22.4	20.0	4.7	2.4	1.2						85	85	85	85

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.	112289	2803	33.0	15.375	85							
Dry Bulb	206921	4149	48.8	7.238	85		1.1					91
Wet Bulb	117689	3179	36.6	6.877	85		29.6					91
Dew Point	45163	1579	18.6	13.728	85	8.5	77.3					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

[illegible] STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	- 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 63							1.2											1	1		
[illegible]/ 59						1.2	1.2											2	2		
[illegible]/ 57							1.2				1.2							2	2		
56/ 55				1.2	2.4					1.2								4	4		
[illegible]/ 53						1.2		1.2	1.2	1.2								4	4		
[illegible]/ 51					1.2	1.2	3.6											5	5	1	
[illegible]/ 49						1.2			3.6	1.2								5	5	2	
[illegible]/ 47						1.2	2.4	1.2	3.6	1.2								8	8	3	1
[illegible]/ 45					1.2	2.4	2.4	2.4	1.2									8	8	1	
44/ 43				2.4			1.2	4.8										7	7	2	
42/ 41				1.2		3.6	1.2	3.6	1.2									9	9	2	4
[illegible]/ 39			1.2			1.2	8.4											9	9	5	
38/ 37		3.6				1.2	6.1											9	9	11	1
[illegible]/ 35				1.2			2.4	1.2										4	4	8	4
34/ 33		2.4					2.4	1.2										5	5	4	3
[illegible]/ 31						1.2												1	1	17	1
[illegible]/ 29																				4	6
[illegible]/ 27																				12	2
[illegible]/ 25																				4	4
[illegible]/ 23																				3	3
22/ 21																				4	
[illegible]/ 19																					2
[illegible]/ 17																					5
[illegible]/ 15																					3
[illegible]/ 13																					3
[illegible]/ 11																					1
[illegible]/ 9																					8
[illegible]/ 7																					7
[illegible]/ 5																					4
[illegible]/ 3																					4
[illegible]/ 1																					3
[illegible]/ -1																					4
[illegible]/ -3																					2
[illegible]/ -5																					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

0001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (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
-?/ -?																					1
-1./-13																					1
-?/-17																					1
-?/-19																					1
-?/-23																					1
-?/-29																					1
TOTAL		6.0	1.2	6.0	4.8	15.7	33.7	15.7	10.8	4.8	1.2							83	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.	131946	2842	34.2	20.551	83							
Dry Bulb	169447	3703	44.6	7.190	83		1.1					9
Wet Bulb	971?8	?780	33.5	6.097	83		47.7					
Dew Point	35339	12?9	14.4	15.899	83	1?.2	75.9					

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

0001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 99					1.2		1.2	1.2										3	3		
[illegible] / 97						1.2			1.2									2	2		
5[illegible] / 95					2.4				1.2									3	3		
[illegible] / 93							1.2		1.2	2.4	1.2							5	5		
[illegible] / 91							1.2	1.2	1.2	1.2								4	4	1	
[illegible] / 89				1.2				2.4		1.2								4	4	1	
[illegible] / 87						2.4		1.2	4.8	3.6								10	10	3	
[illegible] / 85						1.2	1.2	3.6										5	5	1	1
[illegible] / 83				2.4				4.8	1.2									7	7	1	1
[illegible] / 81				1.2		2.4	3.6	1.2										7	7	2	
[illegible] / 79						2.4	7.2	1.2										9	9	3	1
[illegible] / 77				2.4	2.4	1.2	6.1	1.2										11	11	4	2
[illegible] / 75						1.2	3.6	2.4										6	6	6	
[illegible] / 73						1.2	2.4											3	3	5	1
[illegible] / 71		1.2					1.2											2	2	14	
[illegible] / 69					1.2													1	1	12	5
[illegible] / 67																				12	3
[illegible] / 65				1.2														1	1	5	2
[illegible] / 63																				4	
[illegible] / 61																				5	2
[illegible] / 59																				2	3
[illegible] / 57																					2
[illegible] / 55																					7
[illegible] / 53																					3
[illegible] / 51																					2
[illegible] / 49																					6
[illegible] / 47																					7
[illegible] / 45																					9
[illegible] / 43																					5
[illegible] / 41																					4
[illegible] / 39																					2
[illegible] / 37																					2
[illegible] / 35																					1
[illegible] / 33																					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	≥ 9[illegible] 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

"0001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (YEARS) SEP (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
- / -9																					3
- /-11																					2
-14/-15																					1
- /-21																					1
- /-31																					2
- /-33																					1
TOTAL		1.2		8.4	7.2	13.3	28.9	20.5	10.8	8.4	1.2							83	83		83
																				83	

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.	93038	2418	29.1	16.600	83							
Dry Bulb	163389	3629	43.7	7.586	83		4.3					90
Wet Bulb	88305	2347	31.9	6.930	83		57.5					9
Dew Point	29267	849	1?.2	15.843	83	17.3	82.4					99

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 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
-6/ 65						.1												1	1		
4/ 63					.1		.4		.1	.3	.1	.3						10	10		
2/ 61					.1	.3	.3	.1	.6	.3	.3	.4						17	17		
/ 59				.6	.7	.4	.6	.6	.4	.6	.1	.3						30	30		
8/ 57			.1	1.3	.6	.7	.1	.3	1.0	.3	.6	.1						36	36	1	
5/ 55		.3	.6	.4	1.3	.3		.6	.3	.7	.1							32	32	2	
4/ 53			.1		.1	.3	.4	.1	.6	1.0	.4							22	23	9	
2/ 51		.3	.1		.1	.7	1.3	.9	1.8	.9								42	42	24	4
5/ 49				.3	.3	1.2	.4	.9	1.9	1.3	.3							40	40	16	8
/ 47				.4	.7	.7	1.5	1.6	3.4	.6								61	61	23	16
7/ 45				.4	1.2	1.5	1.2	2.3	2.1									59	59	14	7
4/ 43				.7	1.2	2.2	1.3	3.9	1.3									70	73	19	11
2/ 41				1.5	.3	1.9	3.9	2.2	.3									70	70	31	12
/ 39			.4	.1	.4	1.8	5.9	.9	.4									68	68	35	3
39/ 37	.3	.7		.4	1.9	2.2	2.8	1.2										64	64	60	9
/ 35				.1	.7	1.2	1.3	.6										27	27	61	16
34/ 33		.3	.3	.4	.4	.1	1.1	.1										19	19	60	13
2/ 31		.3	.3	.1	.1	.3	.3											10	10	88	15
3/ 29					.1													1	1	96	34
2/ 27					.1													1	1	75	23
1/ 25				.1														1	1	36	32
/ 23																				19	19
2/ 21																				12	19
/ 19																				3	28
1/ 17																					31
1/ 15																					41
1/ 13																					32
1/ 11																					35
/ 9																					34
/ 7																					61
/ 5																					39
/ 3																					34
/ 1																					21
/ -																					15

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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

[illegible]0001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | SEP 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
- / -3																					16
-4/ -5																					11
-6/ -7																					4
-8/ -9																					7
- /-11																					4
-12/-13																					4
-14/-15																					7
-16/-17																					3
-18/-19																					2
-20/-21																					4
-22/-23																					2
-24/-29																					2
-30/-31																					2
-32/-33																					1
TOTAL	.9	1.9	2.1	7.2	11.5	16.0	22.5	16.0	13.8	5.7	2.1	1.2						681	681	681	681

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.	1014626	23088	33.9	18.466	681							
Dry Bulb	1435453	31351	46.	7.874	681		13.7					720
Wet Bulb	85377[illegible]	23548	34.6	7.623	681		347.8					720
Dew Point	339355	1,935	16.7	15.564	661	58.8	615.3					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

[illegible] STATION | HAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | OCT 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							1.4											1	1		
5 / 49							1.4											1	1		
[illegible] / 47					1.4				1.4									2	5		
[illegible] / 45						2.9	2.9	1.4		1.4								6	6		
[illegible] / 43						4.3	2.9											5	5		
[illegible] / 41					2.9	15.9	2.9	5.8										19	21	1	
[illegible] / 39					2.9	29.0	2.9	1.4										25	32	1	
[illegible] / 37					5.8	7.2												9	10	1	
[illegible] / 35						1.4												1	3	3	
[illegible] / 33																			1	11	
[illegible] / 31																			2	19	1
[illegible] / 29																				28	1
[illegible] / 27																				6	
[illegible] / 25																				1	
[illegible] / 23																					6
[illegible] / 21																					6
[illegible] / 17																					12
[illegible] / 15																					19
[illegible] / 13																					5
1 / 11																					4
[illegible] / 9																					4
[illegible] / 7																					4
[illegible] / 5																					1
[illegible] / 3																					3
[illegible] / 1																					1
- [illegible] /-11																					1
TOTAL					13.0	60.9	14.5	8.7	1.4	1.4								69	90	69	69

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	87237	2397	34.7	7.638	69							
Dry Bulb	15[illegible]719	3669	40.8	3.573	90		2.1					93
Wet Bulb	67423	2149	31.[illegible]	2.691	69		70.1					93
Dew Point	17664	1918	14.7	6.306	69	1.3	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

[illegible] | MAUI OPTICAL SITE HI NORTH TOWER | 79 | OCT
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
45 / 45						1.5												1	2		
44 / 43						7.5	7.5	1.5										11	12		
42 / 41						31.3		1.5										22	29		
4 / 39						32.8	1.5											23	35		
38 / 37					4.5	3.0												5	7	1	
36 / 35					7.5													5	5		
34 / 33																				13	
32 / 31																				29	
30 / 29																				18	
28 / 27																				6	
26 / 25																					1
24 / 23																					2
22 / 21																					10
20 / 19																					18
18 / 17																					26
16 / 15																					4
14 / 13																					3
12 / 11																					1
10 / 9																					1
8 / 7																					1
6 / 5																					
TOTAL					11.9	76.1	9.0	3.0										67	90	67	67

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	95453	2512	37.5	4.450	67							
Dry Bulb	142276	3648	40.5	2.147	90							93
Wet Bulb	64[illegible]3	2[illegible]32	31.1	1.761	67		73.6					93
Dew Point	18585	1195	16.3	3.231	67		93.3					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

00?1 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | OCT 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
[illegible]																			1		
[illegible] 47									1.5									1	2		
[illegible] 45							9.7		1.5									7	7		
44/ 43						11.9	9.0	1.5										15	15		
42/ 41				1.5	1.5	20.9	4.5											19	24		
[illegible] 39					3.[illegible]	13.4												11	21		
38/ 37					6.[illegible]	11.9												12	14		
[illegible] 35					1.5	1.5												2	5	7	
34/ 33																			1	15	
[illegible] 32																				24	
[illegible] 30																				14	
[illegible] 27																				6	1
[illegible] 25																				1	1
[illegible] 23																					2
22/ 21																					5
[illegible] 19																					10
[illegible] 17																					9
[illegible] 15																					21
[illegible] 13																					8
[illegible] 11																					2
[illegible] 9																					3
[illegible] 7																					3
[illegible] 5																					2
TOTAL				1.5	11.9	59.7	22.4	1.5	3.0										90		67
																		67		57	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	92459	2451	36.6	6.509	67							
Dry Bulb	151581	3683	41.9	3.117	90							93
Wet Bulb	66762	2110	31.5	2.177	67		62.5					93
Dew Point	18944	1088	16.2	4.397	67		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

[illegible] STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] 51										1.5								1	2		
[illegible] 49							4.4		1.5									4	5		
[illegible] 47						5.9	10.3			1.5								12	14		
[illegible] 45					1.5	4.4	19.1											17	21		
[illegible] 43					5.9	11.8	4.4											15	18		
[illegible] 41					2.9	8.8	2.9											10	14		
[illegible] 39					2.9	5.9	1.5											7	11	2	
[illegible] 37					1.5													1	4	9	
[illegible] 35																				18	
34 / 33					1.5													1	1	23	
[illegible] 31																				9	
[illegible] 29																				6	1
[illegible]																				1	2
[illegible] 25																					6
[illegible] 23																					9
22 / 21																					7
[illegible] 19																					19
[illegible] 17																					9
[illegible] 15																					7
[illegible] 13																					3
12 / 11																					1
/ 9																					1
[illegible] / [illegible]																					1
/ [illegible]																					1
[illegible] / [illegible]																					1
TOTAL					16.2	36.8	42.6		1.5	2.9									9[illegible]		68
																		68		68	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]8981	2542	37.4	7.682	68							
Dry Bulb	175246	3960	44.3	3.362	90							93
Wet Bulb	79158	2314	34.	2.486	68		21.9					93
Dew Point	27188	1[illegible]4	19.2	5.737	68	[illegible].7	93.9					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

[redacted] STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | OCT 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
[illegible] / 59										1.5								1	1		
5[illegible] / 55								1.5		2.9								3	3		
[illegible] / 53								4.4	4.4									6	6		
[illegible] / 51							1.5	2.9	2.9									5	5		
5[illegible] / 49							4.4	5.9	2.9	1.5								10	13		
[illegible] / 47						2.9	10.3		1.5									10	16		
[illegible] / 45						11.8	16.2											19	22		
[illegible] / 43						13.2												9	12	1	
[illegible] / [illegible]					1.5	1.5	1.5											3	6	2	
[illegible] / [illegible]					1.5		1.5											2	3	7	
[illegible] / 37																			3	14	
[illegible] / 35																				23	
[illegible] / [illegible]																				16	
[illegible] / 31																				4	
[illegible] / [illegible]																				1	
[illegible] / 25																					6
[illegible] / 23																					10
[illegible] / 21																					20
[illegible] / 19																					11
[illegible] / 17																					5
[illegible] / [illegible]																					8
[illegible] / 13																					4
[illegible] / 7																					3
[illegible] / -3																					1
TOTAL					2.9	29.4	35.3	14.7	11.8	5.9								68	91		68
																				68	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8,062	2074	33.4	1.704	68							
Dry Bulb	201148	4260	46.8	4.376	91							93
Wet Bulb	87623	2435	35.9	2.529	68		6.8					93
Dew Point	27421	1323	19.5	5.009	68	1.4	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

.0001	MAUI OPTICAL SITE HI NORTH TOWER	79	OCT
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
74/ 53						1.5		5.9		1.5								6	6		
72/ 51								4.4	1.5	1.5								5	5		
5 / 49							1.5		2.9									3	5		
46/ 47							8.8	2.9	1.5									9	12		
44/ 45					1.5	10.3	14.7	4.4										21	23	1	
44/ 43						11.8	5.9											12	17		
42/ 41						8.8	2.9	1.5										9	14		
4 / 39						2.9												2	7	4	
38/ 37					1.5													1	1	6	
36/ 35																				21	1
34/ 33																				21	
32/ 31																				9	
/ 29																				5	
/ 27																				1	
26/ 25																					2
24/ 23																					4
22/ 21																					19
/ 19																					9
/ 17																					10
/ 15																					8
13/ 13																					2
11/ 11																					6
/ 9																					2
7/ 7																					1
5/ 5																					2
- / -3																					1
-1/ -3																					1
TOTAL					2.9	35.3	33.9	19.1	5.9	2.9								90			68
																		68		68	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7537	2262	33.3	7.847	68							
Dry Bulb	186124	4178	45.3	3.741	90							93
Wet Bulb	54 58	2341	34.4	2.824	68		20.5					93
Dew Point	24917	1217	17.8	6.221	68	2.7	91.6					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

0001 STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 YEARS | OCT MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
52/ 52							1.4											1	1		
51/ 49							1.4											1	1		
48/ 47									5.7									4	4		
48/ 45							1.4	1.4	1.4									3	3		
44/ 43					1.4	4.3	11.4											12	13		
42/ 41					1.4	22.9	15.7	1.4										29	33	1	
41/ 39					2.9	12.9	1.4	1.4										13	16	1	
39/ 37					2.9	4.3	1.4											6	11		
38/ 35					1.4													1	4	2	
36/ 33																			3	13	
34/ 31																			1	30	
32/ 29																				19	
31/ 27																				3	1
29/ 25																				1	2
27/ 24																					2
26/ 23																					8
24/ 17																					17
16/ 15																					15
14/ 13																					11
12/ 11																					2
10/ 9																					4
8/ 7																					2
6/ 5																					1
4/ 3																					3
2/ 1																					1
0/ -1																					1
TOTAL					10.0	44.3	34.3	4.3	7.1									70	90	70	70

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	86313	2403	34.3	7.442	70							
Dry Bulb	152597	3693	41.0	3.453	90		1.0					93
Wet Bulb	69618	2202	31.5	2.250	70		70.4					93
Dew Point	17816	1056	15.1	5.227	70	1.3	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

[illegible] STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 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
[illegible] / 53						1.4												1	1		
[illegible] / 5[illegible]									1.4									1	1		
5 / 49						1.4												1	1		
[illegible] / 47				1.4														1	2		
[illegible] / 45	1.4							1.4										2	2	2	1
[illegible] / 43						2.9	8.6	1.4										9	9		
[illegible] / 41					1.4	17.1	17.1	2.9										27	29	1	
[illegible] / 39						20.0	2.9	1.4										17	23	1	
[illegible] / 37					7.1	4.3												8	9		1
[illegible] / 35					2.9	1.4												3	8	1	
[illegible] / 33																			3	8	1
[illegible] / 31																				28	
[illegible] / [illegible]																			1	2	1
[illegible] / 27																				9	
[illegible] / 21																					1
[illegible] / 19																					6
[illegible] / 17																					8
[illegible] / 15																					19
[illegible] / 13																					16
[illegible] / 11																					7
[illegible] / [illegible]																					3
[illegible] / 7																					2
[illegible] / [illegible]																					2
[illegible] / -																					1
- / -																					1
TOTAL	1.4			1.4	11.4	48.6	28.6	7.1	1.4									70	88		70
																		70		70	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	97463	2499	35.7	10.934	70
Dry Bulb	146466	3576	40.6	3.636	88
Wet Bulb	65747	2297	31.4	3.376	70
Dew Point	19786	1072	15.3	6.988	70

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		1.1					93
Wet Bulb		75.7					93
Dew Point	2.7	89.7					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

[illegible] STATION | MAUI OPTICAL SITE HI NORTH TOWER STATION NAME | 79 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
5 / 59										.2								1	1		
5-/ 55								.2		.4								3	3		
4/ 53						.4		1.3	.5	.2								13	13		
2/ 51							.5	.9	.7	.4								14	16		
5 / 49						.2	1.6	.7	.9	.2								20	26		
8/ 47				.7	.2	1.1	3.7	.4	1.5	.2								39	55		
7/ 45	.?				.4	3.8	7.9	1.1	.4	.2								76	96	3	1
4/ 43					.9	8.4	6.2	.5										88	101	1	
2/ 41				.2	1.5	15.9	6.7	1.6										136	177	5	
8 / 39					1.6	14.6	1.5	.5										100	148	16	
3/ 37					3.7	3.8	.2											42	59	31	1
0/ 35					1.6	.5												12	29	75	1
34/ 33					.2													1	8	120	1
2/ 31																			3	152	1
9 / 29																			1	109	3
6/ 27																				32	4
6/ 25																				3	18
1-/ 23																					25
2/ 21																					62
/ 19																					79
8/ 17																					88
1-/ 15																					123
4/ 13																					54
1-/ 11																					25
/ 9																					18
3/ 7																					16
5/ 5																					7
4/ 3																					9
/ 1																					2
/ -1																					3
-2/ -3																					3
-4/ -5																					2
- /-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) 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	OCT
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
TOTAL	.2			.4	10.1	48.8	27.6	7.3	4.0	1.6								547	719	547	547

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	717332	19340	35.4	7.837	547							
Dry Bulb	1312047	30567	42.5	4.180	719		4.1					744
Wet Bulb	586285	17829	32.6	3.775	547		402.6					744
Dew Point	171421	9161	16.7	5.741	547	12.2	738.6					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

.CDOL	MAUI OPTICAL SITE HI NORTH TOWER	77-79	NOV
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
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	14		1
40/ 39				5.1				6.1	1.0									12	14		
38/ 37		1.0		1.0	1.0		1.0	2.0										6	10	4	
36/ 35		1.0	1.0	2.0			1.0											5	10	18	
34/ 33																			1	15	2
32/ 31																				31	3
30/ 29																				12	3
28/ 27																				8	5
26/ 25																				8	6
24/ 23																				1	2
22/ 21																					7
20/ 19																					1
18/ 17																					2
16/ 15																					2
14/ 11																					2
10/ 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						
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

4800

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

22CC1	MAUI OPTICAL SITE HI NORTH TOWER	77-79	NOV
STATION	STATION NAME	YEARS	MONTH

 0000-02(
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 Pt
TOTAL		3.1	3.1	13.3	5.1	7.1	6.1	19.4	25.5	16.3	1.0								98	113	98	9

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	125627	2834	28.9	21.217	98							90
Dry Bulb	214354	4894	43.3	4.625	113							90
Wet Bulb	99494	31.4	31.7	3.487	98		55.1					90
Dew Point	25537	865	8.8	13.585	98	27.6	87.2					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 SUMMAR

0001 (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	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pair
5 / 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		
4 / 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																				29	2
3 / 29																				17	4
28/ 27																				14	5
26/ 25																				3	4
24/ 23																				2	1
22/ 21																					3
2 / 19																					2
18/ 17																					1
16/ 15																					4
1 / 11																					2
/ 9																					3
8/ 7																					2
6/ 5																					6
4/ 3																					9
2/ 1																					10
/ -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

4801

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	77-79	NOV
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
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)	$\Sigma X'$	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.	122376	2748	27.8	21.688	99							
Dry Bulb	219612	5146	43.1	4.139	117							90
Wet Bulb	98668	3111	31.4	3.146	99		59.1					90
Dew Point	25127	727	7.3	14.210	99	32.7	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

.0001 (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	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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											1.0							1	1		
52/ 51									1.0	7.1	4.0							12	12		
5 / 49									2.0	5.1	1.0							8	9		
48/ 47								1.0	8.1	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		
4 / 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	25	2
32/ 31																			1	20	4
3 / 29																				19	1
28/ 27																				7	3
26/ 25																				8	4
24/ 23																				1	4
22/ 21																					4
2 / 19																					2
18/ 17																					2
16/ 15																					2
14/ 13																					3
1 / 9																					1
8/ 7																					5
6/ 5																					9
4/ 3																					9
2/ 1																					8
1 / -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						
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

0001	MAUI OPTICAL SITE HI NORTH TOWER	77-79	NOV
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
-[illegible]/-19																					3
-20/-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	21.838	99							
Dry Bulb	225997	5109	43.7	5.003	117		.8					90
Wet Bulb	106329	3139	31.7	3.279	99		50.0					9[illegible]
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

'0001 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
[illegible] / 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		
5 / 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									5	10	1	
[illegible] / 39			2.0	2.0		1.0	1.0											6	8	8	
37/ 37							1.0											1	2	16	1
36/ 35				1.0														1	1	35	
34/ 33																				19	4
[illegible] / 31																				9	5
[illegible] / 29																				6	1
28/ 27																				2	4
26/ 25																				2	6
24/ 23																					8
[illegible]2/ 21																					1
18/ 15																					2
[illegible] / 13																					2
1 / 11																					4
[illegible] / 9																					9
8/ 7																					20
6/ 5																					5
4/ 3																					7
[illegible]/ 1																					7
/ -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						
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

A803

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	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 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			2.	10.1	9.1	5.1	6.1	7.1	23.2	13.1	23.2	1.0						99	119	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.	106883	2683	27.1	18.673	99							
Dry Bulb	285598	5740	48.2	5.620	119							90
Wet Bulb	171114	3448	34.8	3.236	99		17.3					93
Dew Point	28344	1130	11.9	11.943	99	11.8	85.5					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

1C001	MAUI OPTICAL SITE HI NORTH TOWER	77-79	NOV
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
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

91001 (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 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			3.0	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	3910	38.1	18.413	100							
Dry Bulb	324053	6019	49.7	6.222	121							90
Wet Bulb	136637	3685	36.9	3.006	100		5.4					90
Dew Point	38181	1652	16.5	10.488	100	4.5	85.5					90

USAFETAC FORM 0-26-5 (C_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 | 77-79 YEARS | NOV 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									1.0			1.9						3	3		
6 / 59											1.0		1.0					2	2		
60/ 57									1.0		3.9	1.0						6	6		
58/ 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		
5 / 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	1	
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	
4 / 39			1.0	2.9	1.0	1.0												6	13	10	
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
2 / 19																					7
18/ 17																					3
16/ 15																					4
14/ 13																					3
12/ 11																					5
1 / 9																					10
6/ 7																					14
6/ 5																					10
4/ 3																					2
2/ 1																					2
/ -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
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

L0001 (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	3135	30.4	18.429	103							
Dry Bulb	2826 [illegible]5	5823	47.7	6.217	122							90
Wet Bulb	129[illegible]01	3631	35.[illegible]	3.130	103		17.5					9[illegible]
Dew Point	34341	1515	14.7	10.872	103	7.9	88.3					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

'0001 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	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 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											2.9							3	3		
54/ 53										1.0								1	1		
52/ 51										5.7	1.9							8	8		
5 / 49							1.0		3.8	8.6								14	14		
48/ 47								3.8	5.7	3.8								14	17		
46/ 45					1.0	1.9		1.9	10.5									16	19		
44/ 43				2.9	3.8	2.9	1.0	4.8	1.0									17	17		
42/ 41			1.0	1.9				3.8	1.9									9	9		
4 / 39			1.0	2.9	1.9	1.0	3.8	1.9	1.0									14	17		
38/ 37			1.9			1.9												4	8	9	
36/ 35			1.9	1.1	1.0		1.7											5	7	16	
34/ 33																			3	22	2
32/ 31																				29	3
3 / 29																				16	7
28/ 27																				8	5
26/ 25																				5	2
24/ 23																					3
2 / 21																					2
2 / 19																					2
18/ 17																					3
16/ 15																					3
14/ 13																					3
12/ 11																					1
1 / 9																					2
8/ 7																					7
6/ 5																					16
4/ 3																					12
2/ 1																					9
/ -1																					6
-2/ -3																					6
-4/ -5																					3
-6/ -7																					4
-8/ -9																					1
- /-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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	77-79	NOV
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
-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)	$\Sigma_{X'}$	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.	118676	2910	27.7	19.122	105							90
Dry Bulb	244179	5445	44.3	5.072	123							90
Wet Bulb	1 9453	3375	32.1	3.455	105		49.7					90
Dew Point	24418	963	9.1	12.263	105	19.7	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

(0001) 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
56/ 55											1.0							1	1		
54/ 53											1.0							1	1		
52/ 51										8.6	1.0							10	10		
5 / 49					1.0			1.0		7.6								10	11		
48/ 47								4.8	5.7	3.8								15	18		
46/ 45				1.9	1.0	1.9	1.0	1.9	10.5									19	21		
44/ 43					1.0	3.8	1.0	3.8	2.9									13	13		
42/ 4.			2.9	1.9	1.9	1.0	1.0	3.8	1.9									15	15	1	
4 / 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
3 / 29																				17	3
28/ 27																				13	3
26/ 25																				5	5
24/ 23																				1	1
22/ 21																					5
20/ 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
-1 /-11																					2
-14/-15																					1
- 3/-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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

00001	MAUI OPTICAL SITE HI NORTH TOWER	77-79	NOV
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
TOTAL			7.6	6.7	5.7	8.6	8.6	19.0	21.0	20.0	2.9							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.	1212.2	2936	27.7	19.801	105							
Dry Bulb	2412.6	5414	44.0	4.877	123		.7					90
Wet Bulb	1[illegible]7738	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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

:0001 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
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					.3	.1	.6	.1	2.4	5.6	.2							75	90		
48/ 47			.1		.5	.4	.5	1.7	6.3	2.5								97	108		
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	2.5	2.6	.9	3.6	2.2	.1								109	114	5	
42/ 41		.1	1.2	2.4	2.9	1.5	.5	2.6	1.7									97	108	13	1
40/ 39		.1	1.4	2.5	.7	.5	.9	1.6	.5									66	91	38	1
38/ 37	.1	.5	.6	.7	.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						
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

20001 (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	.2	1.0	4.5	8.5	8.2	8.4	5.9	12.4	23.5	17.8	8.7	.9	.1						955		808
																		808		808	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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							
Dry Bulb	2.12604	43490	45.5	5.801	955		1.5					720
Wet Bulb	902484	26832	33.2	3.767	808		306.5					720
Dew Point	228334	8454	10.5	13.166	808	160.4	694.2					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0001 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	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 57																			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	5.9	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						
						≤ 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

4609

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	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/-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	9.9	10.1	14.8	18.3	16.0	8.3	1.8	1.2							253		169
																		169		169	

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.	282047	5503	32.6	24.744	169							
Dry Bulb	486525	11989	43.4	6.749	253		5.9					93
Wet Bulb	159864	5142	30.4	4.521	169		62.2					93
Dew Point	57448	1352	8.0	16.660	169	30.3	88.6					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

0001 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	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 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	1.8	.6							2		
54/ 53																		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	3.7		.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	3.1	1.8	1.8	2.4	4.2	.6									27	34	7	1
38/ 37	1.8			.6	.6	1.8	.6	3.3										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)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) 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 | 77-79 YEARS | DEC 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
-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	16623[illegible]	5194	31.[illegible]	4.744	166		56.0					93
Dew Point	63186	1804	1[illegible].9	16.252	166	26.3	86.3					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

0005 — 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)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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							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	3.8	3.8	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									14	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	.6	.6	.6											8	11	17	3
34/ 33				.6	1.3	1.3	1.9											8	8	26	2
32/ 31						.6	.6											2	2	23	5
30/ 29	.6																	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
14/ 13																					11
12/ 11																					7
10/ 9																					4
8/ 7																					7
6/ 5																					11
4/ 3																					3
2/ 1																					10
0/ -1																					6
-2/ -3																					1
-4/ -5																					10
-6/ -7																					6
-8/ -9																					1
-10/-11																					4
-12/-13																					

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 57 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

4011

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

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
-14/-15																					3
-16/-17																					3
-18/-19																					4
-20/-21																					1
-26/-27																					1
-32/-33																					1
TOTAL	7.6	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)	ΣX^2	ΣX	$\bar{X}$	σ_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	157737	4945	31.1	4.531	159		56.7					93
Dew Point	55185	1527	9.6	16.014	159	29.8	87.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

90001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) DEC (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
64/ 63													.6					1	1		
62/ 61													.6					1	1		
6 / 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		
5 / 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
3 / 29																				14	11
28/ 27																				13	8
26/ 25	.6																	1	1	14	4
24/ 23																				2	2
22/ 21																					3
2 / 19																					3
18/ 17																					6
16/ 15																					7
14/ 13																					11
12/ 11																					13
1 / 9																					9
8/ 7																					12
6/ 5																					5
4/ 3																					3
2/ 1																					4
/ -1																					7
-2/ -3																					2

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

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

22001	MAUI OPTICAL SITE HI NORTH TOWER	77-79	DEC
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
-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						244		163
																		163		163	

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.	267247	5407	33.2	23.292	163							
Dry Bulb	557663	11563	47.4	6.318	244		1.[illegible]					93
Wet Bulb	197699	5473	33.6	4.928	163		41.[illegible]					93
Dew Point	67684	2[illegible]76	12.[illegible]	15.956	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

0001	MAUI OPTICAL SITE HI NORTH TOWER	77-79	DEC
STATION	STATION NAME	YEARS	MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63													1.9					3	3		
62/ 59													.6					1	4		
60/ 57										2.5	.6	.6						6	17		
58/ 55							.6		.6	1.9	1.3	.6						8	26		
56/ 53			.6	.6			1.3	.6	4.4	3.1	.6							18	35		
54/ 51					.6	1.3	1.3	1.3	.6	1.3								10	23		
52/ 49				.6	1.3	1.3	1.9				1.3							10	21	1	
50/ 47			.6		1.9	1.9	2.5	2.5	2.5	1.3								21	24	1	1
48/ 45			1.9	.6	3.1	1.3	1.3	1.3	2.5									19	21	1	
46/ 43				.6	1.9	1.9	6.9	3.1	1.9	.6								27	32	5	
44/ 41		1.9			1.9	.6	3.8	.6	1.3									16	17	11	4
42/ 39	.6				.6	.6		1.9	.6									7	7	23	3
40/ 37		.6			1.3	1.3	1.3											7	7	23	2
38/ 35		.6			.6	.6	.6											4	4	21	2
36/ 33			1.3				.6											3	3	17	6
34/ 31																				15	6
32/ 29																				21	8
30/ 27																				8	8
28/ 25																				7	6
26/ 23																			1	1	7
24/ 21																				1	6
22/ 19																					5
20/ 17																					8
18/ 15																					16
16/ 13																					8
14/ 11																					8
12/ 9																					10
10/ 7																					7
8/ 5																					4
6/ 3																					1
4/ 1																					9
2/ -1																					4
0/ -3																					5
-2/ -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												

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

AF13

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

L0001 (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
-[illegible] -7																					2
-[illegible] -9																					1
-[illegible]/-11																					2
-12/-13																					1
-[illegible]/-17																					3
-18/-19																					2
-[illegible]2/-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	161	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.	250641	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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0001 (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	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 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		
6 / 59										.6			.6					2	2		
58/ 57											.6	.6						2	9		
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		
5 / 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
4 / 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										9	9	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
3 / 29					.6													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
2 / 19																					4
18/ 17																					6
16/ 15																					7
14/ 13																					14
12/ 11																					9
1 / 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

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

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
-4/ -5																					5
-6/ -7																					4
-8/ -9																					4
- /-11																					2
-1 /-13																					2
-14/-15																					3
-16/-17																					2
-18/-19																					1
-2 /-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.	256198	5400	33.1	21.844	163							
Dry Bulb	564416	11696	47.4	6.559	247		1.9					93
Wet Bulb	187023	5461	33.5	5.308	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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AWS 44

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0001 (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		
5 / 49						.6	.6		3.1	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	3.1	.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
3 / 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
2 / 19																				2	2
18/ 17																				1	3
16/ 15																					5
14/ 13																					5
12/ 11																					7
/ 9																					14
8/ 7																					12
6/ 5																					11
4/ 3																					5
2/ 1																					2
1/ -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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-79 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
- /-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)	ΣX^2	ΣX	$\bar{X}$	σ_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	5135	31.7	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

.0001 (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	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 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												.6						1	1		
56/ 55												.6						1	2		
54/ 53											2.4	1.2						6	22		
52/ 51										.6								1	11		
5 / 49									2.4	1.2								6	11		
48/ 47					.6		1.2		3.0	1.2								10	22		
46/ 45					2.4	1.8	.6	4.7	3.6	1.8								25	45		
44/ 43			.6	2.4	.6	2.4	3.6	2.4	4.7									28	33		
42/ 41		.6	.6	1.2		1.2		3.0	.6									12	18	1	
4 / 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	10
3 / 29		.6		.6		.6												3	3	29	5
26/ 27		.6																1	1	21	3
26/ 25																				16	4
24/ 23																				13	8
22/ 21																				8	4
2 / 19																					6
18/ 17																					4
16/ 15																					6
14/ 13																					8
12/ 11																					5
1 / 9																					8
8/ 7																					10
6/ 5																					10
4/ 3																					9
2/ 1																					6
/ -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						
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) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0001 (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	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 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]/-11																					3
-12/-13																					2
-14/-15																					5
-16/-17																					2
-18/-19																					4
-20/-21																					2
-32/-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	484426	10960	43.3	6.184	253		5.5					93
Wet Bulb	156547	5118	3[illegible].3	4.594	169		59.4					93
Dew Point	52170	1434	8.5	15.431	169	30.3	88.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0001	MAUI OPTICAL SITE HI NORTH TOWER	77-79	DEC
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
64/ 63													.4					5	5		
62/ 61												.1	.1					2	2		
60/ 59										.1	.1		.3					6	11		
58/ 57										.3	.2	.3	.1					11	41		
56/ 55							.1		.1	.5	.5	.5						21	73		
54/ 53			.1	.2		.2	.2	.2	1.1	.8	1.5	.3						58	157		
52/ 51				.1	.2	.3	.2	.3	.5	1.2	.8							46	141		
50/ 49				.1	.6	1.1	.4	.8	1.6	2.1	.2							70	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	.8	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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]0001 (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
-18/-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	41211 4	89368	45.2	6.415	1977		21.8					744
Wet Bulb	1374650	41938	32.	5.025	1311		404.0					744
Dew Point	482467	14423	11.	15.722	1311	198.6	695.8					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0001 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		1	1		
70/ 69													.0	.0				2	2		
68/ 67								.0						.0	.0			4	4		
66/ 65						.0			.0		.0	.0	.0	.0				9	9		
64/ 63			.0		.0	.0	.1	.0	.1	.0	.1	.0	.1	.0				43	43		
62/ 61					.0	.1	.0	.0	.1	.1	.1	.2	.2					76	76		
60/ 59				.1	.1	.1	.1	.1	.2	.2	.2	.2	.3					132	137	1	
58/ 57		.0	.0	.2	.1	.1	.1	.2	.4	.3	.5	.8	.2					264	294	1	
56/ 55		.0	.1	.1	.1	.1	.1	.5	.4	.7	1.0	1.2						418	470	4	2
54/ 53			.0	.1	.0	.2	.6	.5	.7	1.0	1.8	.6						521	622	18	1
52/ 51		.0	.0	.0	.1	.3	.7	.7	1.7	1.8	2.6							694	794	46	5
50/ 49		.0	.0	.0	.3	.7	.9	.8	1.4	2.4	1.5							766	874	38	15
48/ 47		.1	.1	.1	.6	.9	1.1	1.2	2.6	3.4								949	1062	35	28
46/ 45	.1	.4	.2	.3	1.1	1.3	1.5	1.6	3.0	1.5								1034	1176	71	25
44/ 43	.1	.9	.3	.7	1.1	1.7	1.7	1.9	2.7	.4								1102	1201	198	54
42/ 41	.1	1.5	.3	.9	1.0	2.0	1.6	2.1	2.0									1093	1198	405	133
40/ 39	.4	1.4	.7	.9	.8	1.9	1.8	1.9	.9									999	1139	688	148
38/ 37	.5	.8	.5	.4	1.1	1.0	.9	1.5										639	756	879	209
36/ 35	.4	.6	.6	.4	.5	.5	.5	.4										352	469	1158	182
34/ 33	.3	.4	.2	.2	.3	.2	.4	.1										193	263	1442	219
32/ 31	.1	.3	.1	.2	.1	.2	.2											115	140	1494	287
30/ 29	.1	.1	.1	.0	.1	.0	.0											42	47	1316	359
28/ 27	.1	.1	.1	.0	.0	.0												35	37	830	341
26/ 25	.1	.0		.0		.0												8	10	549	360
24/ 23	.0	.0	.0	.0	.0													5	6	216	300
22/ 21		.0		.0														2	2	80	355
20/ 19																				28	345
18/ 17																				3	384
16/ 15																				1	453
14/ 13																					345
12/ 11																					350
10/ 9																					308

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) 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
[illegible] 7																					381
6/ 5																					347
4/ 3																					354
2/ 1																					323
/ -1																					296
-2/ -3																					279
-4/ -5																					271
-6/ -7																					230
-8/ -9																					240
-10/-11																					214
-12/-13																					222
-14/-15																					206
-16/-17																					191
-18/-19																					148
-20/-21																					128
-22/-23																					102
-24/-25																					86
-26/-27																					43
-28/-29																					48
-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	1.9	6.7	3.4	4.7	7.4	11.3	12.1	13.6	15.9	11.8	7.7	3.0	.9	.1	.0	.0			10835		9501
																		9501		9501	

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.	15908281	304535	32.1	25.437	9501							
Dry Bulb	22675712	490178	45.2	6.793	10835		168.8	11.3	3.4			8760
Wet Bulb	17751964	315576	33.2	5.332	9501		4098.2					8760
Dew Point	42[illegible]521	95309	10.0	18.509	9501	2642.4	7887.5					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

60001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 77-80 (YEARS)

HRS (L.S.T.)		JAN.	FEB	MAR	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT	NOV.	DEC.	ANNUAL
0-02	MEAN	40.0	38.0	40.5	40.6	47.2	47.9	47.3	51.1	44.2	40.8	43.3	43.4	43.2
	S D	3.866	4.571	3.513	5.740	4.129	3.767	3.569	5.245	7.949	3.573	4.625	6.049	6.105
	TOTAL OBS	91	158	137	88	93	90	84	81	87	90	113	253	1365
3-05	MEAN	39.0	38.7	41.3	41.3	46.8	46.6	47.3	53.7	44.1	40.5	43.1	43.4	43.4
	S D	3.703	4.593	3.615	4.522	3.414	3.121	3.308	4.924	7.748	2.147	4.139	5.553	5.864
	TOTAL OBS	92	156	136	90	93	89	84	81	87	90	117	247	1362
6-08	MEAN	39.0	38.2	41.4	42.5	48.5	48.8	48.6	53.1	44.6	40.9	43.7	43.8	43.9
	S D	4.252	4.474	3.686	5.350	3.963	4.242	3.977	4.589	7.807	3.117	5.003	5.434	6.269
	TOTAL OBS	91	157	133	88	93	90	84	81	86	90	117	241	1351
9-11	MEAN	41.8	41.1	45.1	45.0	52.7	53.2	52.8	56.1	48.5	44.0	48.2	47.4	47.5
	S D	5.208	5.646	4.014	5.960	3.943	4.783	3.992	5.844	7.446	3.362	5.620	6.318	6.923
	TOTAL OBS	89	155	129	86	92	90	82	81	86	90	119	244	1343
12-14	MEAN	43.6	43.0	47.6	46.0	53.1	53.6	54.1	57.4	49.7	46.8	49.7	48.8	49.0
	S D	6.082	5.829	4.064	5.906	5.392	4.933	3.790	5.561	7.425	4.376	6.222	6.452	6.926
	TOTAL OBS	88	157	127	84	93	90	87	84	84	91	121	245	1351
15-17	MEAN	42.1	42.1	46.2	44.9	52.3	52.4	52.7	56.1	48.8	45.3	47.7	47.4	47.7
	S D.	5.929	5.447	4.158	5.248	5.573	4.587	4.317	4.438	7.235	3.741	6.217	6.559	6.793
	TOTAL OBS	91	156	132	81	92	89	87	84	85	90	122	247	1356
18-20	MEAN	40.0	38.7	42.2	42.3	48.8	49.4	49.0	51.6	44.6	41.0	44.3	44.2	44.2
	S D	4.795	4.209	4.045	4.182	5.301	4.770	3.795	5.436	7.190	3.453	5.072	5.922	6.219
	TOTAL OBS	89	157	135	81	93	87	85	79	83	90	123	247	1349
21-23	MEAN	39.6	38.1	40.9	40.8	47.8	48.3	47.2	50.2	43.7	40.6	44.0	43.3	43.2
	S.D	4.647	4.385	3.864	4.705	5.324	4.356	4.184	5.241	7.586	3.636	4.877	6.184	6.171
	TOTAL OBS	90	160	135	84	93	87	83	79	83	88	123	253	1356
ALL HOURS	MEAN	40.6	39.7	43.1	42.9	49.6	50.0	49.9	53.7	46.0	42.5	45.5	45.2	45.2
	S D	5.099	5.258	4.616	5.571	5.275	5.000	4.695	5.726	7.874	4.180	5.801	6.415	6.793
	TOTAL OBS	721	1256	1064	682	742	712	676	650	681	719	959	1977	10835

USAF ETAC FORM OCT 75 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

0001 MAUI OPTICAL SITE HI NORTH TOWER 78-80

STATION | STATION NAME | YEARS

HRS (LST)		JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
0-02	MEAN	28.2	30.9	29.8	31.3	32.2	31.6	31.8	37.5	32.9	31.1	31.7	30.4	31.4
	S D.	3.782	6.200	4.231	5.447	3.076	2.537	3.276	5.146	7.684	2.691	3.487	4.521	5.015
	TOTAL OBS	82	125	137	88	93	90	84	81	87	69	98	169	1203
03-05	MEAN	27.9	31.4	30.2	32.5	32.2	31.3	31.5	38.5	34.3	31.1	31.4	31.3	31.8
	S D	4.192	5.660	4.252	5.474	2.708	2.871	3.016	4.783	8.065	1.761	3.146	4.744	5.083
	TOTAL OBS	83	122	136	90	93	89	84	81	87	67	99	166	1197
06-08	MEAN	27.9	31.0	30.3	32.4	32.7	32.4	32.2	38.2	33.8	31.5	31.7	31.1	31.9
	S D	4.409	5.360	4.452	4.801	2.676	2.860	3.017	5.108	8.145	2.177	3.279	4.531	5.013
	TOTAL OBS	82	124	132	88	93	90	84	81	86	67	99	159	1185
09-11	MEAN	31.2	34.2	33.5	34.6	36.1	35.3	35.5	41.1	36.5	34.0	34.8	33.6	34.9
	S D	3.946	5.292	4.106	4.904	2.885	2.748	3.669	4.954	7.409	2.486	3.236	4.928	4.926
	TOTAL OBS	83	118	129	86	92	90	82	81	86	68	99	163	1177
12-14	MEAN	32.4	36.2	36.1	35.5	37.9	36.3	37.1	43.0	37.2	35.8	36.9	34.6	36.5
	S D	4.018	5.531	3.993	4.702	3.860	3.689	4.741	4.121	7.271	2.529	3.006	5.157	5.081
	TOTAL OBS	82	121	126	84	93	90	87	84	84	68	100	160	1179
15-17	MEAN	30.5	35.5	35.2	35.1	36.5	35.6	35.4	42.0	36.6	34.4	35.3	33.5	35.3
	S D	3.718	5.555	4.414	4.607	4.048	3.539	3.689	4.250	6.877	2.824	3.130	5.008	5.073
	TOTAL OBS	85	120	131	81	92	89	87	84	85	68	103	163	1188
18-20	MEAN	28.3	32.6	31.4	32.9	33.4	32.8	32.6	38.3	33.5	31.5	32.1	31.1	32.4
	S D	2.953	6.027	4.622	4.473	3.468	3.068	3.196	4.478	6.997	2.250	3.055	4.738	4.838
	TOTAL OBS	83	119	135	81	93	87	85	79	83	70	105	162	1182
21-23	MEAN	27.8	31.7	30.1	31.9	32.2	32.0	31.7	37.6	31.9	31.4	31.8	30.3	31.5
	S D	3.552	5.848	4.326	4.943	3.507	2.254	3.262	5.412	6.930	3.376	3.452	4.594	4.900
	TOTAL OBS	84	120	133	84	93	87	83	79	83	70	105	169	1190
ALL HOURS	MEAN	29.3	32.9	32.0	33.2	34.1	33.4	33.5	39.6	34.6	32.6	33.2	32.0	33.2
	S D	4.180	6.006	4.891	5.135	3.952	3.505	4.062	5.181	7.623	3.075	3.767	5.025	5.332
	TOTAL OBS	664	969	1059	682	742	712	676	650	681	547	808	1311	9501

USAF ETAC FORM OCT 75 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

(0)0001 MAUI OPTICAL SITE HI NORTH TOWER 78-80

STATION | STATION NAME | YEARS

HRS (L S T)		JAN	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG	SEP.	OCT	NOV	DEC	ANNUAL
0-02	MEAN	-.7	11.6	5.0	10.5	2.6	-9.8	-1.9	16.5	13.2	14.7	8.8	8.0	6.6
	S D	21.375	24.303	21.138	21.533	13.799	22.054	16.539	15.992	15.536	6.306	13.585	16.660	19.398
	TOTAL OBS	82	125	137	88	93	90	84	81	87	69	98	169	1203
03-05	MEAN	2.7	11.9	5.7	12.5	3.2	-5.8	-2.0	15.3	18.0	16.3	7.3	10.9	8.0
	S D	18.690	24.123	19.507	23.139	15.774	20.730	14.627	16.385	16.739	3.231	14.210	16.252	19.094
	TOTAL OBS	83	122	136	90	93	89	84	81	87	67	99	166	1197
6-08	MEAN	3.1	11.8	4.8	10.6	.8	-6.2	-2.2	15.1	16.3	16.2	6.6	9.6	7.2
	S D	18.534	23.658	20.494	22.092	16.090	20.461	14.899	16.418	15.290	4.397	15.372	16.014	19.015
	TOTAL OBS	82	124	132	88	93	90	84	81	86	67	99	159	1185
9-11	MEAN	11.8	17.7	12.5	15.2	7.7	-.8	3.9	20.3	18.2	19.2	11.9	12.7	12.5
	S D	15.604	21.922	16.947	19.755	15.290	18.754	15.877	15.935	14.622	5.707	11.943	15.956	17.344
	TOTAL OBS	83	118	129	86	92	90	82	81	86	68	99	163	1177
12-14	MEAN	13.2	21.1	17.8	18.3	14.1	3.4	6.8	25.9	18.8	19.5	16.5	15.2	15.9
	S D	13.551	20.485	15.539	16.189	16.948	19.651	18.491	11.426	15.152	5.009	10.488	14.602	16.488
	TOTAL OBS	82	121	126	84	93	90	87	84	84	68	100	160	1179
15-17	MEAN	8.8	19.5	17.1	18.5	10.1	2.8	3.2	24.9	18.6	17.8	14.7	13.2	14.2
	S D	13.107	22.164	16.194	17.517	17.003	19.454	16.034	11.536	13.728	6.221	10.872	14.363	16.739
	TOTAL OBS	85	120	131	81	92	89	87	84	85	68	103	163	1188
18-20	MEAN	3.8	16.1	8.2	14.4	3.4	-4.9	-1.3	19.3	14.6	15.1	9.1	10.1	9.0
	S D	14.754	23.496	20.240	19.342	16.759	19.978	14.774	13.785	15.899	5.227	12.263	15.212	18.116
	TOTAL OBS	83	119	135	81	93	87	85	79	83	70	105	162	1182
21-23	MEAN	.7	13.1	4.9	12.5	.6	-7.8	-1.8	18.2	10.2	15.3	8.6	8.5	6.9
	S D.	18.203	24.811	21.570	21.246	15.622	21.048	16.204	15.938	15.843	6.988	12.962	15.431	19.103
	TOTAL OBS	84	120	133	84	93	87	83	79	83	70	105	169	1190
ALL HOURS	MEAN	5.4	15.3	9.4	14.0	5.3	-3.6	.6	19.5	16.0	16.7	10.5	11.0	10.0
	S D	17.522	23.358	19.746	20.391	16.505	20.248	16.171	15.210	15.564	5.741	13.166	15.722	18.509
	TOTAL OBS	664	969	1059	682	742	712	676	650	681	547	808	1311	9501

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

000: MAUI OPTICAL SITE HI NORTH TOWER 79-80 JAN

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	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	36.6	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	36.5	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	8.3	6.0	28.2	84
TOTALS		79.5	52.6	37.8	27.9	20.6	16.7	12.5	6.9	5.7	31.7	664

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

000 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79-80 (PERIOD) FEB (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	0-02	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	76.2	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	3[illegible].8	32.2	17.4	52.0	121
	15-17	80.6	71.7	65.3	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

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

0001	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	34.9	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

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

0001	MAUI OPTICAL SITE HI NORTH TOWER	79	APR
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%		
APR	00-02	78.4	54.5	54.5	48.9	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

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

0001	MAUI OPTICAL SITE HI NORTH TOWER	79	MAY
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%		
MAY	0-02	72.7	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

..0001	HAUI OPTICAL SITE HI NORTH TOWER	79	JUN
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%		
JUN	..0-02	28.9	23.3	18.9	13.3	8.9	2.2				14.3	90
	..3-05	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
	..1-23	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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

0001 (STATION) MAUI OPTICAL SITE MI NORTH TOWER (STATION NAME) 79 (PERIOD) JUL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	44.0	26.2	20.2	11.9	7.1	1.2				17.2	84
	03-05	41.7	21.4	16.7	10.7	6.0	2.4				16.3	84
	06-08	41.7	20.2	14.3	10.7	6.0	2.4	1.2			15.8	84
	09-11	52.4	30.5	18.3	12.2	2.4					17.5	82
	12-14	49.4	33.3	28.7	21.8	4.6	3.4	1.1			20.1	87
	15-17	46.0	32.2	17.2	11.5	1.1					16.9	87
	18-20	43.5	25.9	14.1	8.2	5.9					15.6	85
	21-23	45.8	28.9	16.9	13.3	3.6	1.2				17.1	83
TOTALS		45.6	27.3	18.3	12.5	4.6	1.3	.3			17.1	676

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

0004	MAUI OPTICAL SITE HI NORTH TOWER	79	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	79.0	63.0	48.1	32.1	16.0	6.2	3.7			31.0	81
	03-05	76.5	60.5	35.8	22.2	13.6	4.9	4.9	1.2		27.5	81
	06-08	79.0	59.3	38.3	24.7	11.1	4.9				27.2	81
	09-11	82.7	66.7	45.7	24.7	11.1	6.2	4.9	4.9	2.5	30.5	81
	12-14	92.9	81.0	51.2	27.4	13.1	6.0	3.6	2.4	1.2	33.6	84
	15-17	94.0	81.0	56.0	26.2	13.1	4.8	1.2			33.2	84
	18-20	86.1	72.2	46.8	35.4	19.0	8.9	3.8			32.8	79
	21-23	84.8	67.1	50.6	38.0	24.1	8.9	5.1			34.0	79
TOTALS		84.4	68.9	46.6	28.8	15.1	6.4	3.4	1.1	.5	31.2	650

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

0001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (PERIOD) SEP (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	95.4	65.5	37.9	28.7	19.5	13.8	3.4	2.3		32.6	87
	03-05	95.4	81.6	59.8	36.8	28.7	20.7	11.5	5.7	3.4	40.2	87
	06-08	96.5	81.4	50.0	32.6	22.1	9.3	7.0	2.3	1.2	35.7	86
	09-11	97.7	70.9	46.5	34.9	17.4	7.0				33.3	86
	12-14	94.0	72.6	52.4	27.4	11.9	7.1	2.4			32.9	84
	15-17	96.5	77.6	44.7	32.9	12.9	4.7	1.2			33.0	85
	18-20	94.0	72.3	44.6	28.9	16.9	10.8	8.4	4.8	1.2	34.2	83
	21-23	91.6	68.7	34.9	18.1	12.0	6.0	1.2	1.2	1.2	29.1	83
TOTALS		95.1	73.8	46.4	30.0	17.7	9.9	4.4	2.0	.9	33.9	681

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

0001 (STATION) HAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 79 (PERIOD) OCT (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	98.6	91.3	76.8	18.8	1.4					34.7	69
	03-05	100.0	98.5	95.5	20.9						37.5	67
	06-08	100.0	97.0	92.5	19.4	3.0					36.6	67
	09-11	100.0	95.6	92.6	29.4	4.4					37.4	68
	12-14	100.0	94.1	67.6	16.2						33.4	68
	15-17	98.5	94.1	69.1	14.7						33.3	68
	18-20	100.0	91.4	80.0	15.7	1.4					34.3	70
	21-23	100.0	91.4	75.7	22.9	4.3	1.4	1.4	1.4	1.4	35.7	70
TOTALS		99.6	94.2	81.2	19.8	1.8	.2	.2	.2	.2	35.4	547

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

0001	MAUI 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
	6-08	82.8	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

0001	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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

0001 (STATION) MAUI OPTICAL SITE HI NORTH TOWER (STATION NAME) 78-80 (PERIOD) ALL (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	ALL	79.5	52.6	37.8	27.9	20.6	16.7	12.5	8.9	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	23.2	12.1	5.8	3.2	1.7	.4		16.6	712
JUL		45.6	27.3	18.3	12.5	4.6	1.3	.3			17.1	676
AUG		84.4	68.9	46.6	28.8	15.1	6.4	3.4	1.1	.5	31.2	650
SEP		95.1	73.8	46.4	30.0	17.7	9.9	4.4	2.0	.9	33.9	681
OCT		99.6	94.2	81.2	19.8	1.8	.2	.2	.2	.2	35.4	547
NOV		90.4	43.6	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		78.4	56.7	42.4	27.1	18.2	13.1	10.0	7.6	4.5	31.4	9501

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PART F PRESSURE SUMMARY

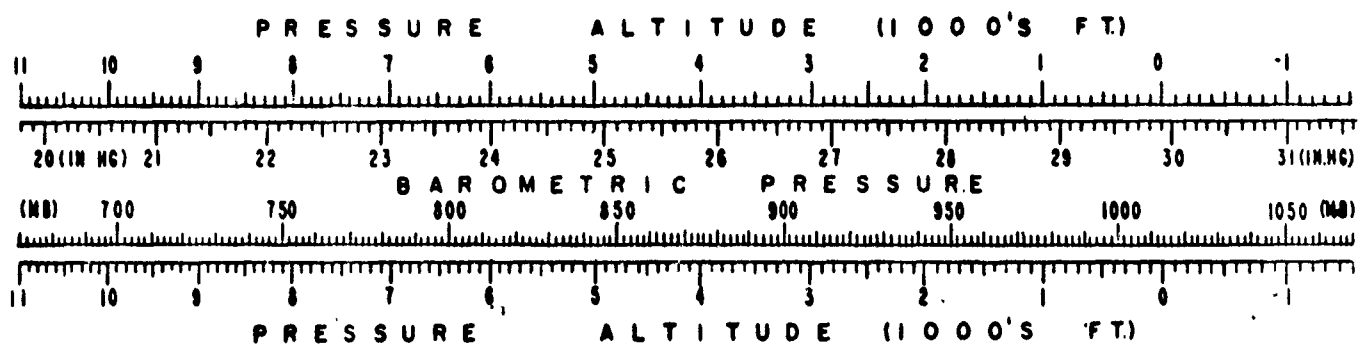
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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GLOBAL CLIMATOLOGY BRANCH
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MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

10001 MAUI OPTICAL SITE HI NORTH TOWER 77-80

STATION | STATION NAME | YEARS

HRS (LST)		JAN	FEB	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV	DEC	ANNUAL
0	MEAN	20.868	20.877	20.901	20.876	20.927	20.935	20.978	20.987	20.969	20.959	20.927	20.914	20.924
	S D	.061	.081	.069	.059	.037	.035	.059	.049	.048	.069	.073	.086	.075
	TOTAL OBS	61	80	75	56	62	49	52	60	59	60	58	85	757
03	MEAN	20.845	20.851	20.870	20.841	20.893	20.906	20.950	20.957	20.940	20.932	20.904	20.890	20.896
	S D	.063	.081	.072	.060	.038	.033	.061	.050	.048	.072	.072	.090	.076
	TOTAL OBS	60	78	74	56	62	49	52	61	59	60	58	84	753
06	MEAN	20.839	20.846	20.864	20.840	20.890	20.903	20.945	20.953	20.938	20.931	20.901	20.886	20.892
	S D	.064	.078	.070	.061	.038	.036	.061	.049	.046	.069	.074	.091	.076
	TOTAL OBS	59	79	73	56	62	49	51	61	59	60	58	84	751
09	MEAN	20.873	20.876	20.900	20.873	20.922	20.930	20.965	20.981	20.966	20.962	20.936	20.920	20.923
	S D	.062	.080	.069	.062	.038	.035	.070	.049	.044	.069	.070	.089	.074
	TOTAL OBS	61	78	73	53	61	49	51	59	59	61	58	82	745
12	MEAN	20.873	20.883	20.903	20.877	20.927	20.933	20.980	20.988	20.970	20.959	20.926	20.916	20.926
	S D.	.062	.083	.068	.063	.038	.034	.062	.050	.045	.069	.074	.089	.075
	TOTAL OBS	59	79	75	52	61	48	53	62	58	61	60	82	750
15	MEAN	20.831	20.841	20.866	20.851	20.905	20.918	20.964	20.966	20.938	20.926	20.890	20.876	20.894
	S D	.060	.084	.069	.060	.037	.032	.066	.052	.047	.068	.072	.089	.078
	TOTAL OBS	61	80	75	54	62	48	53	60	57	62	61	82	755
18	MEAN	20.843	20.847	20.865	20.843	20.898	20.908	20.954	20.958	20.936	20.931	20.899	20.883	20.894
	S.D	.062	.081	.069	.064	.037	.032	.064	.050	.045	.068	.069	.088	.075
	TOTAL OBS	61	80	74	54	61	49	53	61	59	61	61	83	757
21	MEAN	20.870	20.876	20.897	20.873	20.920	20.929	20.971	20.980	20.964	20.957	20.927	20.909	20.920
	S D	.060	.078	.067	.061	.038	.036	.062	.050	.045	.072	.069	.088	.074
	TOTAL OBS	61	80	74	54	61	48	52	61	58	60	61	86	756
ALL HOURS	MEAN	20.855	20.862	20.883	20.859	20.910	20.920	20.964	20.971	20.953	20.945	20.914	20.899	20.909
	S D	.063	.082	.071	.063	.040	.036	.064	.051	.048	.071	.073	.090	.077
	TOTAL OBS	483	634	593	435	492	389	417	485	468	485	475	668	6024

USAF ETAC FORM OCT 78 0-89-5 (OL A)

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.

Hue[illegible] means [illegible] standard deviations do not include measurements from incomplete months.

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GLOBAL CLIMATOLOGY BRANCH
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SURFACE WINDS

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

0002 (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

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) 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	.6						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													
	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)

0002	MAUI OPTICAL SITE HI SOUTH TOWER	78-80	JAN
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		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													
	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	MAUI OPTICAL SITE HI SOUTH TOWER	78-80	JAN
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		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

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	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

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

70002	MAUI OPTICAL SITE HI SOUTH TOWER	78-80	JAN
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	.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					4.9	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	2.2	.5							7.7	8.6
NW		2.2	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	9.9
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) 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) 78-80 (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							4.8	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													
	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	.4							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

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) 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

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 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	78-80	FEB
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		.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

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	11.4
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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

60002 (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

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

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													
	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

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) 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	X	X	X	X	X	X	X	X	X	X	X		
	7.8	19.8	24.0	25.8	8.8	10.1	3.7					100.0	11.8

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) 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

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	3.8	.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

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	1.9		.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	.9	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

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	MAR
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.4	.5	1.4		.5						3.7	10.4
NNE	.9	.9	1.8	1.8								5.5	6.7
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 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) 78-80 (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				8.8	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	2.3	.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

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) | 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													
	8.3	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	MAUI OPTICAL SITE HI SOUTH TOWER	78-80	MAR
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	.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	.6	.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

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	16.5
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

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)

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

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	11.9
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	X	X	X	X	X	X	X	X	X	X	X		
	8.4	14.0	26.2	25.2	13.1	11.2	1.9					100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 107

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00002	KAUI OPTICAL SITE HI SOUTH 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	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													
	4.0	24.8	32.7	24.8	7.9	4.0	2.0					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 101

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) 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	8.8
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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

00102 (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	12.8
SSE	1.0		6.0	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

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	.A	1.1	.1				16.2	12.5
SSE	.7	1.1	4.8	6.7	4.3	1.	.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	.6	.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

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) 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

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

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

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	6.9
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

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

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 H1 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						9.5	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

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) 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	8.3
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

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) 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					11.8	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	1.8	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

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	2.8	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	X	X	X	X	X	X	X	X	X	X	X		
	17.5	16.4	26.0	26.6	7.9	5.1	.6					100.0	10.1

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) 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 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) 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

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) 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

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) 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

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) 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

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) 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	X	X	X	X	X	X	X	X	X	X	X		
	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) 78-79 (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	.6	1.8			1.8	2.4						6.6	16.0
NNE		1.8	1.8	3.6								7.2	10.6
NE		2.4	1.8	3.6	1.2	.6						9.6	11.3
ENE		1.2	2.4	.6	.6							4.8	9.5
E		3.0	1.8									4.8	6.4
ESE	.6	1.8	3.0									5.4	6.6
SE	.6	1.8	9.0	6.6	1.8							19.9	10.6
SSE		.6	3.6	9.0	2.4	.6						16.3	12.6
S		2.4	2.4	1.8	.6							7.2	8.8
SSW		1.2		.6								1.8	7.3
SW	.6	1.2										1.8	3.7
WSW		1.2										1.2	5.0
W		.6										.6	5.0
WNW		.6	.6		.6							1.8	11.7
NW			1.8	.6	1.2	.6	.6	.6				5.4	18.0
NNW	.6		.6	2.4	1.8							5.4	13.9
VARBL													
CALM													
	3.0	21.7	28.9	28.9	12.0	4.2	.6	.6				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 166

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) 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		.6	.6	2.4	.6							4.1	12.9
NNE	.6	1.2	1.2	2.4	.6							5.9	10.6
NE			2.4	3.6	1.2							7.1	12.7
ENE	1.2	.6	3.0	1.8	.6							7.1	9.8
E		1.8	3.0	.6								5.3	6.9
ESE		2.4	3.0	1.2	.6							7.1	9.2
SE		3.0	10.7	8.3	.6							22.5	10.2
SSE	.6	.6	2.4	4.1	1.2	1.2	.6					10.7	13.6
S		.6	4.1	4.1								8.9	10.4
SSW			.6		.6							1.2	14.0
SW		.6			.6							1.2	11.0
WSW		1.2										1.2	4.0
W		1.2										1.2	4.0
WNW		1.2	.6									1.8	6.7
NW	.6		1.8	1.2	3.6	1.2						8.3	15.9
NNW		.6	.6	1.2	1.8	1.2	1.2					6.5	18.7
VARBL													
CALM													
	3.0	15.4	33.7	30.8	11.8	3.6	1.8					100.0	11.5

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)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (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	.6	.6	.6	1.2	1.2	.6						4.8	12.6
NNE		1.2	1.2	1.8	.6	.6						5.4	12.8
NE				5.4	1.8							7.2	14.7
ENE			1.2	.6								1.8	11.3
E		2.4	3.0	2.4								7.8	8.6
ESE		2.4	4.2	1.2								7.8	8.2
SE		4.2	8.4	8.4	.6	.6						22.2	10.0
SSE	.6	2.4	2.4	1.2	3.6	2.4						12.6	13.4
S	.6		.6	2.4	1.2							4.8	12.5
SSW	.6	1.2		1.2								3.0	8.2
SW													
WSW	1.2	1.2										2.4	3.8
W	.6	2.4	1.2									4.2	5.4
WNW		.6	.6									1.2	8.0
NW	.6		1.2	1.2		1.2						4.2	13.3
NNW		1.8	1.2	3.0	3.6	1.2						10.8	14.6
VARBL													
CALM													
	4.8	20.4	25.7	29.9	12.6	6.6						100.0	11.1

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) 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		.6	1.8	1.8	.6	.6						5.4	13.0
NNE	1.2	.6	1.2	3.6	.6							7.1	10.5
NE	.6	1.2	1.2	1.8	.6							5.4	10.2
ENE			2.4									2.4	9.0
E	.6	.6	3.6	1.8								6.5	8.5
ESE		1.8	4.2	1.8	1.2							9.5	10.1
SE	1.2	1.2	7.7	6.0	1.2	.6						17.9	10.5
SSE		1.2	1.2	4.8	.6	3.0						10.7	14.7
S		2.4	2.4	1.2	1.2							7.1	10.3
SSW		.6	.6									1.2	8.0
SW		2.4	.6									3.0	5.2
WSW	2.4	1.8										4.2	3.3
W	1.2	.6										1.8	2.3
WNW	1.2	1.8	.6									3.6	5.0
NW	.6	.6	1.2	.6	.6	.6						4.2	11.1
NNW	.6	1.2		3.0	4.8	.6						10.1	15.3
VARBL													
CALM													
	9.5	18.5	29.2	26.2	11.3	5.4						100.0	10.5

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) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.2	1.7	2.9	1.2	.6	.6					9.2	12.6
NNE			2.9	2.3	2.9							8.1	13.5
NE	1.2	.6	1.2	1.2	1.2							5.2	11.1
ENE		1.7			.6							2.3	8.0
E		1.2	.6									1.7	6.0
ESE	.6	1.7	3.5	2.3								8.1	8.1
SE	1.7	2.9	4.6	5.8	4.0							19.1	10.8
SSE	1.2	.6	2.9	2.9	1.7	1.2		1.2				11.6	14.5
S	1.2	2.9	1.7	1.7	1.2							8.7	8.6
SSW		2.3	1.2	.6								4.0	7.4
SW	1.2	1.2	.6									2.9	4.8
WSW	.6	1.2										1.7	3.7
W	1.2	1.7		.6								3.5	6.2
WNW	.6	1.7										2.3	4.0
NW	.6	.6	1.2	2.9								5.2	10.4
NNW	.6	.6	1.7	1.2	1.7	.6						6.4	13.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X		
	11.6	22.0	23.7	24.3	14.5	2.3	.6	1.2				100.0	10.5

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) 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	.6	1.7	1.7	2.9	1.2	.6						8.7	11.6
NNE		2.3	1.2	3.5	1.2							8.1	10.6
NE	.6	1.2	2.3	.6	1.2							5.8	9.3
ENE	1.2	.6	1.7		.6							4.0	7.4
E	1.2	2.3	1.7									5.2	5.4
ESE	.6	2.9	1.7	.6								5.8	6.9
SE	1.2	1.2	3.5	3.5	4.0	1.2						14.5	13.2
SSE	.6	1.2	4.0	5.2			.6					11.6	10.6
S	.6	2.9	2.3	.6			1.2					7.5	10.5
SSW	.6	1.2	.6	.6	.6							3.5	8.7
SW	.6		.6									1.2	4.5
WSW	1.2	1.2	1.2									3.5	4.5
W	1.2	2.3	.6									4.0	4.7
WNW		.6										.6	4.0
NW		1.2		2.3	1.2	.6						5.2	14.0
NNW	.6		1.7	4.6	3.5	.6						11.0	14.5
VARBL													
CALM													
	10.4	22.5	24.9	24.3	13.3	2.9	1.7					100.0	10.3

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)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (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	.6	1.2	1.2	2.9	1.2							7.0	11.4
NNE	1.2	1.2	.6	2.9	1.2							7.0	10.0
NE	1.2	1.7	2.9	2.9	1.7	.6						11.0	12.2
ENE		2.3	1.2	1.2								4.7	8.1
E		1.7	2.3	.6								4.7	8.3
ESE		.6	1.7	2.3								4.7	10.5
SE	.6	4.1	4.7	7.0	1.2							17.4	10.4
SSE	.6	2.3	1.7	5.8	.6	1.2						12.2	11.6
S	.6	1.7	4.1	1.7	.6							8.7	8.9
SSW	.6	1.7										2.3	4.8
SW		1.2										1.2	6.0
WSW		.6		.6								1.2	8.5
W	.6	.6										1.2	4.0
WNW		1.2	1.2									2.3	6.8
NW	1.2	.6	.6	.6								2.9	5.8
NNW		.6	1.7	2.9	2.9	2.3	1.2					11.6	17.7
VARBL													
CALM													
	7.0	23.3	23.8	31.4	9.3	4.1	1.2					100.0	10.8

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) 78-79 (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	.6	.6	.6	1.2	.6							3.5	10.5
NNE		1.2	.6	6.4	1.2							9.4	13.3
NE	.6	2.9	1.8	2.3	2.9							10.5	10.8
ENE		.6	3.5	2.3								6.4	9.2
E			.6	1.8								2.3	12.5
ESE		.6	7.0	.6								8.2	8.9
SE	.6	4.7	6.4	12.9		1.2						25.7	10.5
SSE		1.2	2.9	4.7	.6	.6						9.9	12.5
S			1.8	2.9		.6		.6				5.8	14.5
SSW		1.2										1.2	5.0
SW	.6		.6									1.2	5.0
WSW													
W		.6										.6	4.0
WNW		.6										.6	6.0
NW		1.2	1.8		1.2							4.1	10.3
NNW		1.2	1.2	3.5	2.3	1.8	.6					10.5	15.3
VARBL													
CALM													
	2.3	16.4	28.7	38.6	8.8	4.1	.6	.6				100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 171

USAFETAC FORM JUL 64 0-9 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) 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	.5	1.0	1.0	1.9	1.0	.6	.1					6.2	12.6
NNE	.4	1.2	1.3	3.3	1.0	.1						7.3	11.5
NE	.5	1.3	1.7	2.6	1.5	.1						7.7	11.6
ENE	.3	.9	1.9	.8	.3							4.2	9.0
E	.2	1.6	2.1	.9								4.8	7.7
ESE	.2	1.8	3.6	1.3	.2							7.1	8.6
SE	.7	2.9	6.8	7.3	1.7	.4						19.9	10.7
SSE	.4	1.3	2.6	4.7	1.3	1.3	.1	.1				11.9	12.9
S	.4	1.6	2.4	2.1	.6	.1	.1	.1				7.4	10.3
SSW	.2	1.2	.4	.4	.1							2.3	7.7
SW	.4	.8	.3		.1							1.5	5.4
WSW	.7	1.0	.1	.1								1.9	4.3
W	.6	1.3	.2	.1								2.1	4.8
WNW	.2	1.0	.4		.1							1.8	6.4
NW	.4	.5	1.2	1.2	1.0	.5	.1	.1				4.9	13.1
NNW	.3	.7	1.1	2.7	2.8	1.0	.4					9.1	15.5
VARBL													
CALM													
	6.5	20.0	27.3	29.3	11.7	4.1	.8	.3				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 1359

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) 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		2.3										2.3	5.3
NNE		.6	1.2									1.7	7.0
NE	.6	2.3	2.3	.6		.6						6.4	8.5
ENE	.6	4.0	2.9	9.2	2.3	1.7						20.8	12.0
E	.6	3.5	5.2	4.6	.6							14.5	8.8
ESE	1.7	3.5	6.4	4.0	.6							16.2	8.6
SE	1.7	2.9	2.9	4.0	1.7							13.3	10.3
SSE	1.7	1.7	1.7	1.2	1.2	1.2						8.7	10.1
S	1.7	.6	1.7		.6							4.6	7.4
SSW	1.7		1.7									3.5	5.2
SW	.6	1.2	2.3									4.0	6.3
WSW													
W	1.7			1.7								3.5	7.5
WNW	.6											.6	2.0
NW													
NNW													
VARBL													
CALM													
	13.3	22.5	28.3	25.4	6.9	3.5						100.0	9.2

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) | 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	.6	.6	.6									1.7	5.0
NNE	1.1	1.7	1.1	1.7								5.7	7.6
NE	.6	.6	2.9	1.1								5.2	7.8
ENE	.6	2.9	6.9	4.0	2.3	1.7						18.4	11.7
E	.6	1.1	7.5	2.9	1.1							13.2	9.5
ESE	1.7	.6	4.0	3.4								9.8	9.2
SE	1.7	5.2	5.2	5.7	1.1							19.0	9.3
SSE	.6	.6	1.7	.6	1.7							5.2	11.6
S	1.1	1.7	2.3									5.2	5.8
SSW	1.1	1.1	1.7									4.0	5.1
SW	.6		.6	1.1								2.3	10.3
WSW	3.4											3.4	2.2
W	1.7	.6		1.1								3.4	5.5
WNW				.6								.6	12.0
NW													
NNW	1.7	.6		.6								2.9	5.0
VARBL													
CALM													
	17.2	17.7	34.5	23.0	6.3	1.7						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 174

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) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6		1.1								1.7	9.3
NNE		1.1	.6		.6							2.3	8.5
NE	.6	2.3	2.3	.6		.6						6.3	8.3
ENE	.6	1.7	5.7	8.6	1.7		.6					19.0	11.7
E	.6	1.7	8.6	6.9	.6							18.4	9.9
ESE	3.4	4.0	2.3	4.6	2.3							16.7	9.1
SE	1.7	2.9	1.1	1.7	2.3	.6						10.3	10.0
SSE	1.1	.6		1.1	.6							3.4	9.2
S	2.3	1.1		.6								4.0	5.0
SSW	2.3											2.3	2.0
SW	1.1	1.7										2.9	4.4
WSW	2.3		.6	1.7								4.6	7.9
W	1.1	.6	.6									2.3	5.3
WNW	2.9	1.7		.6								5.2	4.3
NW	.6											.6	2.0
NNW													
VARBL													
CALM													
	20.7	20.1	21.8	27.6	8.0	1.1	.6					100.0	8.9

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)

00002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (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	1.2		.6		.6							2.3	7.5
NNE	.6	.6	1.7	.6								3.5	7.0
NE	.6	4.1	1.7	1.2								7.6	6.5
ENE	.6	1.7	5.8	5.8	2.3		1.2	.6				18.0	13.1
E	1.2	2.3	3.5	5.2	2.9	.6						15.7	11.3
ESE	.6	1.2	.6	2.3	1.2	.6						6.4	12.5
SE	1.2	2.9	.6	2.9	1.7	2.9						12.2	13.1
SSE	.6	2.3	.6	1.2								4.7	7.3
S	.6	1.2	1.7	1.2	.6							5.2	9.1
SSW	2.3	4.1		.6								7.0	4.5
SW	1.7	1.2										2.9	3.8
WSW	.6	1.2	1.2	.6								3.5	6.2
W	1.2	1.2	.6	.6								3.5	5.7
WNW	2.9	.6	1.2									4.7	4.4
NW	1.2											1.2	3.0
NNW		1.7										1.7	4.3
VARBL													
CALM													
	16.9	26.2	19.8	22.1	9.3	4.1	1.2	.6				100.0	9.4

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	MAUI OPTICAL SITE HI SOUTH TOWER	78-79	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		1.7	.6									2.3	5.5
NNE		2.3		.6								2.9	6.4
NE	.6	1.7	3.4	1.1			.6					7.4	9.5
ENE	1.7	2.9	4.6	4.0	2.3	.6						16.0	10.4
E	1.1	1.1	5.7	2.3	2.3							12.6	10.3
ESE	.6		1.1	4.0	1.1	.6						7.4	13.8
SE	.6	2.3	.6	1.1	1.1	1.1						6.9	11.3
SSE	1.7	4.0	1.1	1.1		.6						8.6	7.7
S	.6	2.9	2.9	2.3		.6						9.1	9.0
SSW	1.1	2.3	1.1	1.1								5.7	6.6
SW	1.1	1.1	.6									2.9	4.2
WSW	2.3	1.1	1.7									5.1	4.7
W	2.9	1.7	1.1	.6								6.3	4.9
WNW	1.7	1.1	.6									3.4	4.3
NW	.6	.6	.6	.6								2.3	7.0
NNW		.6	.6									1.1	7.0
VARBL													
CALM													
	16.6	27.4	26.3	18.9	6.9	3.4	.6					100.0	8.7

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) 78-79 (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	.6	2.4	1.2									4.1	5.6
NNE		1.2	.6									1.8	5.3
NE		2.4	4.7	1.2								8.3	8.4
ENE	1.2	4.1	6.5	1.8		1.2	.6					15.4	10.2
E	1.2	3.0	3.0	1.8	1.2	1.2						11.2	10.3
ESE	.6	1.8	2.4	3.6	1.2		.6					10.1	11.7
SE	.6	1.8	2.4	.6	1.2	1.2						7.7	11.8
SSE		.6	.6	3.0		.6						4.7	12.9
S	.6	4.1	1.2	.6	1.2	.6						8.3	8.7
SSW	2.4	4.1	1.8	.6								8.9	5.9
SW	2.4	3.0		.6								5.9	5.0
WSW		3.0		.6	.6							4.1	7.7
W		1.2	.6	1.2								3.0	8.2
WNW	.6	3.0										3.6	4.5
NW	.6	1.2										1.8	4.3
NNW	1.2											1.2	3.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X		
	11.8	36.7	24.9	15.4	5.3	4.7	1.2					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 169

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) 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		.6	1.2									1.8	7.3
NNE	1.8	1.8	1.8	.6								5.8	5.7
NE	.6	1.2	5.8	1.2	.6							9.4	9.0
ENE	1.2	2.9	7.0	7.0	1.8	.6	1.2					21.6	11.8
E		1.2	2.9	3.5	1.2							8.8	10.8
ESE	.6	2.9	3.5	3.5	.6	.6						11.7	10.4
SE	1.2	2.3	4.1	1.8	1.8	1.2						12.3	11.4
SSE	1.2		2.3	1.8								5.3	8.8
S	1.2	.6	1.8	.6	.6	1.2						5.8	10.9
SSW	.6	2.3			.6							3.5	6.2
SW	1.8	2.3	1.2	.6								5.8	5.4
WSW	1.2		1.2									2.3	4.5
W	1.8		1.2	.6								3.5	5.2
WNW	.6											.6	2.0
NW	.6	.6										1.2	4.0
NNW		.6										.6	5.0
VARBL													
CALM													
	14.0	19.3	33.9	21.1	7.0	3.5	1.2					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 171

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) 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	1.2	1.2										2.3	4.3
NNE		.6	1.8	.6								2.9	8.4
NE		2.3	1.8	.6	1.8							6.4	10.5
ENE		2.9	4.7	9.9	1.8	1.8	.6					21.6	13.2
E	.6	2.3	3.5	7.0								13.5	9.6
ESE		1.8	4.1	5.3	2.9	.6						14.6	12.5
SE	.6	1.8	4.1	1.8	2.3	1.2						11.7	12.1
SSE	1.2	1.2	1.8	3.5	.6	.6						8.8	11.1
S	.6	.6	1.8		1.2							4.1	9.3
SSW	1.2	1.8	.6									3.5	4.3
SW	1.8	1.8	1.2									4.7	4.6
WSW	.6											.6	1.0
W		.6	.6	1.8								2.9	10.4
WNW	1.2											1.2	2.0
NW	.6											.6	2.0
NNW	.6											.6	3.0
VARBL													
CALM													
	9.9	18.7	25.7	30.4	10.5	4.1	.6					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 171

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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) | AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.2	.5	.1	.1							2.3	6.1
NNE	.4	1.2	1.1	.5	.1							3.3	7.0
NE	.4	2.1	3.1	.9	.3	.1	.1					7.1	8.6
ENE	.8	2.9	5.5	6.3	1.8	.9	.5	.1				18.9	11.8
E	.7	2.0	5.0	4.3	1.2	.2						13.5	10.0
ESE	1.2	2.0	3.0	3.8	1.2	.3	.1					11.6	10.6
SE	1.2	2.8	2.6	2.5	1.7	1.0						11.7	11.0
SSE	1.0	1.4	1.2	1.7	.5	.4						6.2	9.8
S	1.1	1.6	1.7	.7	.5	.3						5.8	8.4
SSW	1.6	2.0	.9	.3	.1							4.8	5.3
SW	1.4	1.5	.7	.3								3.9	5.3
WSW	1.3	.7	.6	.4	.1							3.0	5.6
W	1.3	.7	.6	.9								3.6	6.3
WNW	1.3	.8	.2	.1								2.5	4.3
NW	.5	.3	.1	.1								.9	4.5
NNW	.4	.4	.1	.1								1.0	4.7
VARBL													
CALM													
	15.1	23.5	26.9	23.0	7.5	3.3	.7	.1				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 1379

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

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) 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	9.7
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						100.0	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)

00002	MAUI OPTICAL SITE HI SOUTH TOWER	78-79	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	.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	3.0
VARBL													
CALM													
	5.4	10.8	25.9	34.9	18.1	4.8						100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 166

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)

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	1.2	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	X	X	X	X	X	X	X	X	X	X	X		
	6.6	13.9	28.9	36.1	10.8	3.0	.6					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 166

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR 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	X	X	X	X	X	X	X	X	X	X	X		
	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

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

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	X	X	X	X	X	X	X	X	X	X	X		
	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									.8	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

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

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	OCT
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		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

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	16.1
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	6.3
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	3.6
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

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													
	5.5	29.7	29.7	22.5	6.6	3.8	2.2					100.0	9.9

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)

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													
	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								5.4	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

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 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)

C0002 (STATION) MAUI OPTICAL SITE HI SOUTH TOWER (STATION NAME) 78-79 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		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		3.3	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

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	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	1.8	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	8.0
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							5.6	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

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) 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

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

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							9.6	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

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

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	76-79	NOV
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	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

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

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) 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	13.3
ESE	.7	1.7	2.0	4.0	1.6	.4						10.3	11.6
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

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

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			1.1	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	.6	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	6.3
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 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) 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)

00002	MAUI OPTICAL SITE HI SOUTH TOWER	77-79	DEC
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	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		3.0	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	X	X	X	X	X	X	X	X	X	X	X		
	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)

00002 (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	13.4	8.4	1.2	1.2	.6	.6		100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 167

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	MAUI OPTICAL SITE HI SOUTH TOWER	77-79	DEC
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	.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							4.6	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)

00002 (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

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	77-79	DEC
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	.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													
	7.0	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

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) 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.?	.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

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	77-80	ALL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.2	1.5	1.1	.5	.2	.1	.0				5.0	10.1
NNE	.4	1.3	2.1	2.4	.8	.4	.1	.0				7.5	11.2
NE	.5	1.3	2.4	2.8	1.2	.5	.1	.0	.0			8.7	11.7
ENE	.4	1.4	2.8	3.4	1.3	.5	.1	.1	.0	.0		10.1	12.0
E	.4	1.3	2.2	2.3	1.0	.5	.1	.0	.0			7.8	11.7
ESE	.4	1.2	1.9	2.0	.6	.2	.0	.0				6.4	10.5
SE	.5	1.5	2.4	2.4	.8	.4	.1	.0				8.1	10.9
SSE	.4	1.0	1.5	1.9	1.1	.7	.3	.1		.0	.0	7.0	13.4
S	.5	1.2	1.4	1.5	.8	.4	.1	.0				5.9	11.3
SSW	.7	1.2	1.1	1.2	.5	.4	.1	.0				5.1	10.6
SW	.8	1.1	1.1	1.1	.6	.3	.1	.1	.0			5.1	10.9
WSW	.7	.9	.9	1.0	.5	.3	.1	.0	.0			4.4	10.8
W	.9	1.1	1.0	.9	.5	.3	.1	.0	.0			4.8	9.9
WNW	.8	1.2	1.0	.6	.3	.2	.0	.0				4.1	8.4
NW	.7	1.3	1.1	1.0	.5	.1	.0	.0				4.8	9.3
NNW	.6	1.1	1.3	1.1	.6	.3	.1	.0				5.0	10.4
VARBL													
CALM													
	9.1	19.3	25.7	26.8	11.5	5.5	1.6	.5	.1	.0	.0	100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 16589

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18 SUPPLEMENTARY NOTES

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

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

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

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

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

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.