



Station Summary



Palehua Hawaii

Daily Summary for

January 12, 2011

Hour of Day	Total Solar Rad.	Ave.	Wind V. Dir.	Max.	Air Temperature Mean	Fuel Temperature Mean	Fuel Moisture Mean	Relative Humidity Mean	Dew Point	Wet Bulb	Total Precip.
Ending at L.S.T.	° ly.	mph	Deg	mph	Deg. F.	Deg. F.	Percent	Percent	Deg. F.	inches	
1 am	0.1	7.0	45	15.0	74.0	73.0	15.2	76	66	68	0.00
2 am	0.0	6.0	45	12.0	74.0	74.0	15.5	77	66	68	0.00
3 am	0.1	10.0	50	18.0	76.0	75.0	15.9	78	69	71	0.00
4 am	0.1	9.0	78	26.0	77.0	77.0	19.8	79	70	72	0.27
5 am	0.0	9.0	84	17.0	79.0	79.0	16.2	77	71	73	0.00
6 am	0.1	14.0	116	30.0	79.0	79.0	15.1	75	70	73	0.74
7 am	0.1	8.0	135	27.0	78.0	79.0	14.7	74	69	71	0.18
8 am	0.1	8.0	106	20.0	78.0	79.0	15.1	74	69	71	0.15
9 am	0.7	10.0	121	21.0	77.0	77.0	15.5	74	68	70	0.18
10 am	1.9	9.0	148	22.0	77.0	78.0	15.8	74	68	70	0.01
11 am	3.9	9.0	137	23.0	79.0	80.0	16.2	76	71	73	0.00
12 pm	5.7	10.0	139	25.0	83.0	83.0	14.6	74	74	76	0.00
1 pm	5.7	7.0	152	23.0	83.0	83.0	14.9	74	74	76	0.00
2 pm	6.4	7.0	171	23.0	81.0	82.0	14.9	74	72	74	0.00
3 pm	5.2	5.0	180	17.0	82.0	83.0	15.0	75	73	75	0.00
4 pm	4.4	6.0	163	17.0	83.0	84.0	14.9	74	74	76	0.02
5 pm	2.9	7.0	175	28.0	82.0	82.0	15.3	75	73	75	0.33
6 pm	0.9	7.0	190	20.0	82.0	82.0	15.0	74	73	75	0.01
7 pm	0.1	4.0	342	18.0	84.0	83.0	14.9	74	75	77	0.02
8 pm	0.1	7.0	266	19.0	78.0	77.0	15.1	75	69	72	0.33
9 pm	0.1	7.0	218	23.0	76.0	75.0	16.6	77	68	70	0.70
10 pm	0.1	5.0	200	24.0	73.0	74.0	16.7	78	66	68	3.65
11 pm	0.1	3.0	4	16.0	74.0	74.0	16.7	78	67	69	1.63
12 am	0.1	6.0	82	21.0	71.0	71.0	17.2	78	64	66	0.95

DAILY STATISTICS

EXHIBIT K56

Total Solar Rad.	Ave.	Wind V. Dir.	Wind Max.	Air Temperature Mean	Fuel Temperature Mean	Fuel Moisture Mean	Relative Humidity Mean	Dew Point	Wet Bulb	Total Precip.
° ly.	mph	Deg	mph	Deg. F.	Deg. F.	Percent	Percent	Deg. F.		inches
Total	38.7									9.17
Ave.	7.5	129		78.3	78.5	15.7	76	70	72	
Max.			30.0	84.0	84.0	19.8	79			
Min.				71.0	71.0	14.6	74			

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NOTES:

- Daily averages might vary slightly from the average of the hourly values printed due to rounding of the hourly values.
 - Data are subject to further review and editing. Please refer any questions to the Western Regional Climate Center.
- ° 1 ly = 1 cal/cm² = 4.1855 J/cm² = 3.6855 BTU/ft² = .01163 KW-hr/m²



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Hour of Day	Total Solar Rad.	Ave. mph	Wind V. Dir.	Max. mph	Air Temperature Mean	Fuel Temperature Mean	Fuel Moisture Mean	Relative Humidity Mean	Dew Point	Wet Bulb	Total Precip.
Ending at L.S.T.	° ly.	mph	Deg	mph	Deg. F.	Deg. F.	Percent	Percent	Deg. F.		inches
1 am	0.1	3.0	29	22.0	70.0	71.0	16.8	79	63	65	0.33
2 am	0.1	3.0	70	20.0	71.0	71.0	17.7	80	65	66	0.37
3 am	0.1	5.0	292	21.0	72.0	72.0	17.2	81	66	68	0.29
4 am	0.1	9.0	243	17.0	73.0	73.0	16.8	80	66	68	0.52
5 am	0.1	8.0	242	21.0	69.0	70.0	19.0	83	64	65	0.29
6 am	0.1	3.0	293	13.0	71.0	71.0	17.7	81	65	67	0.13
7 am	0.1	2.0	349	10.0	71.0	71.0	17.7	83	66	67	0.00
8 am	0.1	2.0	197	8.0	73.0	73.0	17.6	32	41	54	0.20
9 am	0.8	8.0	130	15.0	74.0	75.0	17.6	0			0.46
10 am	5.2	5.0	134	15.0	73.0	74.0	17.5	0			0.15
11 am	10.3	5.0	99	12.0	77.0	77.0	17.0	0			0.00
12 pm	5.9	9.0	128	21.0	78.0	79.0	16.2	0			0.17
1 pm	5.3	7.0	102	19.0	77.0	80.0	16.5	0			0.07
2 pm	8.9	11.0	123	21.0	80.0	83.0	17.1	0			0.06
3 pm	8.0	7.0	132	23.0	79.0	80.0	16.2	0			0.00
4 pm	9.0	9.0	127	22.0	80.0	83.0	16.1	0			0.00
5 pm	8.5	12.0	132	21.0	81.0	81.0	16.1	0			0.00
6 pm	2.7	7.0	138	22.0	83.0	82.0	15.3	0			0.00
7 pm	1.1	6.0	141	20.0	81.0	82.0	16.1	0			0.00
8 pm	0.1	8.0	147	20.0	82.0	82.0	15.4	0			0.00
9 pm	0.1	7.0	137	20.0	83.0	82.0	15.3	0			0.00
10 pm	0.1	9.0	149	17.0	83.0	83.0	15.3	0			0.00
11 pm	0.0	10.0	137	20.0	81.0	81.0	15.8	0			0.00
12 am	0.1	10.0	139	18.0	81.0	81.0	16.5	0			0.00

DAILY STATISTICS

EXHIBIT K56

Total Solar Rad.	Ave.	Wind V. Dir.	Max.	Air Temperature Mean	Fuel Temperature Mean	Fuel Moisture Mean	Relative Humidity Mean	Dew Point	Wet Bulb	Total Precip.
° ly.	mph	Deg	mph	Deg. F.	Deg. F.	Percent	Percent	Deg. F.		inches
Total	66.8									3.04
Ave.	6.9	135		76.8	77.4	16.7	25	62	65	
Max.			23.0	83.0	83.0	19.0	83			
Min.				69.0	70.0	15.3	0			

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