

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 140 ft. Lat: 21.9189° N Lon: 159.6278° W
Station: MAKAWELI 965, HI US USC00515864

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	79.9	64.2	72.1				528.6	466.6	373.6	218.6	71.6	28.4	0.0	0.0	0.0	0.1	0.0	0.0	31.0	0.0	0.0	0.0
02	79.6	64.5	72.1				477.4	421.4	337.4	197.6	65.7	26.0	0.0	0.0	0.0	0.2	0.0	0.0	28.0	0.0	0.0	0.0
03	80.1	65.0	72.6				544.0	482.0	389.0	234.0	85.4	38.7	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
04	81.3	67.1	74.2				576.0	516.0	426.0	276.0	127.6	73.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0
05	83.0	68.8	75.9				647.9	585.9	492.9	337.9	183.4	123.1	0.0	0.0	0.0	0.0	0.0	0.1	31.0	0.0	0.0	0.0
06	85.4	70.9	78.2				694.5	634.5	544.5	394.5	244.5	184.8	0.0	0.0	0.0	0.0	0.0	0.9	30.0	0.0	0.0	0.0
07	86.2	72.3	79.3				751.7	689.7	596.7	441.7	286.7	224.7	0.0	0.0	0.0	0.0	0.0	2.1	31.0	0.0	0.0	0.0
08	87.3	72.4	79.9				770.3	708.3	615.3	460.3	305.3	243.3	0.0	0.0	0.0	0.0	0.0	5.5	31.0	0.0	0.0	0.0
09	86.9	72.3	79.6				738.0	678.0	588.0	438.0	288.0	228.0	0.0	0.0	0.0	0.0	0.0	4.1	30.0	0.0	0.0	0.0
10	85.7	71.4	78.6				730.0	668.0	575.0	420.0	265.0	203.1	0.0	0.0	0.0	0.0	0.0	0.1	31.0	0.0	0.0	0.0
11	83.0	68.6	75.8				624.0	564.0	474.0	324.0	174.1	114.9	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0
12	81.1	66.6	73.9				584.3	522.3	429.3	274.3	120.2	63.1	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
Summary	83.3	68.7	76.0	0.0	0.0	0.0	7667	6937	5842	4017	2218	1551	0	0	0	0	0.0	12.8	365.0	0.0	0.0	0.0

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 140 ft. Lat: 21.9189° N Lon: 159.6278° W
Station: **MAKAWELI 965, HI US USC00515864**

Summary of Monthly Normals
1991-2020
Generated on 06/03/2024

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75
01	2.12	9.1	4.4	1.7	0.7	0.56	1.55	2.83
02	2.40	8.6	3.8	1.3	0.7	0.89	1.99	3.73
03	3.86	8.1	3.7	1.9	1.0	0.49	1.52	4.51
04	1.32	7.9	2.5	0.8	0.4	0.52	0.95	1.59
05	1.37	6.7	1.9	0.4	0.1	0.30	0.87	1.85
06	0.60	8.7	1.4	0.1	0.0	0.25	0.34	0.76
07	0.73	6.8	1.6	0.2	0.0	0.20	0.46	0.99
08	0.72	6.5	1.5	0.5	0.3	0.22	0.37	0.91
09	1.16	8.5	2.0	0.4	0.1	0.44	0.92	1.67
10	2.86	9.1	3.0	1.1	0.8	0.62	3.11	4.50
11	2.09	8.8	3.0	1.2	0.6	0.45	1.48	2.79
12	4.17	9.4	4.2	2.0	1.2	0.98	3.47	5.92
Summary	23.40	98.2	33.0	11.6	5.9	5.92	17.03	32.05

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 140 ft. Lat: 21.9189° N Lon: 159.6278° W
Station: MAKAWELI 965, HI US USC00515864

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
02	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
03	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
04	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
05	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 140 ft. Lat: 21.9189° N Lon: 159.6278° W

Station: MAKAWELI 965, HI US USC00515864

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	993.6	897.4	1009.0	1026.0	1112.9	1144.5	1216.7	1235.3	1188.0	1195.0	1074.0	1049.3
45	838.6	757.4	854.0	876.0	957.9	994.5	1061.7	1080.3	1038.0	1040.0	924.0	894.3
50	683.6	617.4	699.0	726.0	802.9	844.5	906.7	925.3	888.0	885.0	774.0	739.3
55	528.6	477.4	544.0	576.0	647.9	694.5	751.7	770.3	738.0	730.0	624.0	584.3
60	373.6	337.4	389.0	426.0	492.9	544.5	596.7	615.3	588.0	575.0	474.0	429.3
Growing Degree Units for Corn (Monthly)												
50/86	683.6	617.4	698.0	725.9	801.6	838.6	894.4	900.9	869.4	875.7	773.3	739.4

Growing Degree Units (Accumulated Monthly)												
40	994	1891	2900	3926	5039	6183	7400	8635	9823	11018	12092	13142
45	839	1596	2450	3326	4284	5278	6340	7420	8458	9498	10422	11317
50	684	1301	2000	2726	3529	4373	5280	6205	7093	7978	8752	9492
55	529	1006	1550	2126	2774	3468	4220	4990	5728	6458	7082	7667
60	374	711	1100	1526	2019	2563	3160	3775	4363	4938	5412	5842
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	684	1301	1999	2725	3526	4365	5260	6160	7030	7905	8679	9418

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.