

Summary of Monthly Normals
1991-2020

Generated on 04/26/2024

Current Location: Elev: 240 ft. Lat: 20.9625° N Lon: 156.6753° W
Station: KAPALUA-W MAUI AP 462.4, HI US USC00513317

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	79.0	65.7	72.3	1.2	0.8	0.9	537.9	475.9	382.9	227.9	79.5	33.8	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
02	79.0	65.8	72.4	1.3	1.0	1.0	487.2	431.2	347.2	207.2	74.2	33.5	0.0	0.0	0.0	0.0	0.0	0.1	28.0	0.0	0.0	0.0
03	79.4	66.1	72.7	1.5	1.0	1.1	550.3	488.3	395.3	240.3	91.7	43.8	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
04	81.0	67.5	74.3	1.6	1.0	1.1	577.5	517.5	427.5	277.5	128.3	73.3	0.0	0.0	0.0	0.0	0.0	0.3	30.0	0.0	0.0	0.0
05	83.0	68.8	75.9	1.2	0.8	0.9	647.9	585.9	492.9	337.9	183.0	122.2	0.0	0.0	0.0	0.0	0.0	0.7	31.0	0.0	0.0	0.0
06	85.0	70.4	77.7	1.3	0.7	0.9	681.0	621.0	531.0	381.0	231.0	171.0	0.0	0.0	0.0	0.0	0.0	0.9	30.0	0.0	0.0	0.0
07	85.8	71.5	78.7	1.4	1.2	1.2	733.2	671.2	578.2	423.2	268.2	206.2	0.0	0.0	0.0	0.0	0.0	1.9	31.0	0.0	0.0	0.0
08	86.2	72.1	79.2	1.5	1.3	1.2	748.7	686.7	593.7	438.7	283.7	221.7	0.0	0.0	0.0	0.0	0.0	2.0	31.0	0.0	0.0	0.0
09	86.6	72.0	79.3	1.5	1.1	1.2	729.0	669.0	579.0	429.0	279.0	219.0	0.0	0.0	0.0	0.0	0.0	2.5	30.0	0.0	0.0	0.0
10	85.1	71.4	78.2	1.2	0.7	0.8	720.7	658.7	565.7	410.7	255.7	193.8	0.0	0.0	0.0	0.0	0.0	1.1	31.0	0.0	0.0	0.0
11	82.0	69.7	75.8	1.1	1.0	0.9	625.5	565.5	475.5	325.5	175.6	116.5	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0
12	79.8	67.6	73.7	1.6	1.1	1.1	579.7	517.7	424.7	269.7	116.3	61.5	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
Summary	82.7	69.1	75.9	1.4	1.0	1.0	7619	6889	5794	3969	2166	1496	0	0	0	0	0.0	9.5	365.0	0.0	0.0	0.0

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

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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	3.51	11.4	5.6	2.0	0.8	1.29	2.43	4.23	
02	2.43	11.5	5.3	1.3	0.4	1.15	1.69	3.11	
03	3.92	15.1	7.3	1.8	0.9	1.53	3.11	5.99	
04	2.22	14.4	5.7	0.8	0.3	1.13	1.74	2.47	
05	1.49	11.8	4.2	0.7	0.1	0.66	1.31	2.29	
06	1.07	13.5	3.7	0.1	0.0	0.50	0.94	1.44	
07	1.58	15.5	4.5	0.4	0.1	0.93	1.42	1.87	
08	1.37	13.3	3.5	0.5	0.1	0.70	1.09	1.52	
09	1.22	11.7	2.9	0.5	0.2	0.41	0.62	1.06	
10	2.23	12.8	3.9	0.7	0.3	0.84	1.47	2.43	
11	2.88	14.0	6.1	1.4	0.9	1.36	2.70	3.89	
12	3.85	15.2	7.5	1.8	0.8	2.07	3.02	4.73	
Summary	27.77	160.2	60.2	12.0	4.9	12.57	21.54	35.03	

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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

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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	1002.9	907.2	1015.3	1027.5	1112.9	1131.0	1198.2	1213.7	1179.0	1185.7	1075.5	1044.7
45	847.9	767.2	860.3	877.5	957.9	981.0	1043.2	1058.7	1029.0	1030.7	925.5	889.7
50	692.9	627.2	705.3	727.5	802.9	831.0	888.2	903.7	879.0	875.7	775.5	734.7
55	537.9	487.2	550.3	577.5	647.9	681.0	733.2	748.7	729.0	720.7	625.5	579.7
60	382.9	347.2	395.3	427.5	492.9	531.0	578.2	593.7	579.0	565.7	475.5	424.7
Growing Degree Units for Corn (Monthly)												
50/86	692.6	626.9	705.0	725.6	798.6	823.0	874.3	887.5	860.4	865.9	774.0	734.3

Growing Degree Units (Accumulated Monthly)												
40	1003	1910	2925	3953	5066	6197	7395	8609	9788	10973	12049	13094
45	848	1615	2475	3353	4311	5292	6335	7394	8423	9453	10379	11269
50	693	1320	2025	2753	3556	4387	5275	6179	7058	7933	8709	9444
55	538	1025	1575	2153	2801	3482	4215	4964	5693	6413	7039	7619
60	383	730	1125	1553	2046	2577	3155	3749	4328	4893	5369	5794
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	693	1320	2024	2750	3549	4372	5246	6134	6994	7860	8634	9368

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