

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 3 ft. Lat: 21.6031° N Lon: 157.9022° W
Station: KAPAKA FARM 904.1, HI US USC00513208

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	78.7	66.2	72.5				541.0	479.0	386.0	231.0	83.1	38.6	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
02	78.5	66.8	72.7				494.2	438.2	354.2	214.4	79.9	38.1	0.0	0.0	0.0	0.1	0.0	0.0	28.0	0.0	0.0	0.0
03	78.4	67.1	72.8				550.3	488.3	395.3	240.3	90.5	42.5	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
04	79.7	69.4	74.6				586.5	526.5	436.5	286.5	137.5	81.5	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0
05	81.7	70.3	76.0				651.0	589.0	496.0	341.0	186.2	125.2	0.0	0.0	0.0	0.0	0.0	0.2	31.0	0.0	0.0	0.0
06	82.9	73.4	78.2				694.5	634.5	544.5	394.5	244.5	184.5	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0
07	84.1	73.9	79.0				744.0	682.0	589.0	434.0	279.0	217.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
08	84.5	74.9	79.7				765.7	703.7	610.7	455.7	300.7	238.7	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
09	85.0	74.5	79.8				742.5	682.5	592.5	442.5	292.5	232.5	0.0	0.0	0.0	0.0	0.0	0.1	30.0	0.0	0.0	0.0
10	83.9	73.5	78.7				734.7	672.7	579.7	424.7	269.7	207.9	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
11	81.2	71.5	76.4				640.5	580.5	490.5	340.5	190.6	131.6	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0
12	79.7	68.1	73.9				585.9	523.9	430.9	275.9	124.2	72.2	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
Summary	81.5	70.8	76.2	0.0	0.0	0.0	7731	7001	5906	4081	2278	1610	0	0	0	0	0.0	0.3	365.0	0.0	0.0	0.0

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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	4.54	16.4	7.3	2.0	1.3	2.27	3.85	5.87	
02	5.31	15.6	7.9	2.7	1.8	2.25	3.84	6.58	
03	5.55	19.0	9.1	2.4	1.4	2.78	4.59	6.89	
04	3.57	19.4	8.2	2.1	0.7	2.50	3.12	4.05	
05	3.35	18.5	6.8	1.6	0.9	1.94	3.07	4.56	
06	2.47	19.7	8.3	0.8	0.3	1.92	2.13	2.77	
07	3.27	23.3	9.5	0.7	0.3	2.03	2.88	4.00	
08	3.25	21.9	8.5	1.1	0.4	2.12	2.50	3.77	
09	3.78	19.7	8.3	1.5	0.9	2.14	2.81	4.32	
10	3.82	21.3	10.0	2.3	0.9	2.38	3.02	4.72	
11	5.97	21.3	10.7	2.4	1.4	3.61	4.79	8.07	
12	5.90	21.3	9.2	2.6	1.1	1.95	4.28	8.80	
Summary	50.78	237.4	103.8	22.2	11.4	27.89	40.88	64.40	

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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	1006.0	914.2	1015.3	1036.5	1116.0	1144.5	1209.0	1230.7	1192.5	1199.7	1090.5	1050.9
45	851.0	774.2	860.3	886.5	961.0	994.5	1054.0	1075.7	1042.5	1044.7	940.5	895.9
50	696.0	634.2	705.3	736.5	806.0	844.5	899.0	920.7	892.5	889.7	790.5	740.9
55	541.0	494.2	550.3	586.5	651.0	694.5	744.0	765.7	742.5	734.7	640.5	585.9
60	386.0	354.2	395.3	436.5	496.0	544.5	589.0	610.7	592.5	579.7	490.5	430.9
Growing Degree Units for Corn (Monthly)												
50/86	695.8	632.9	704.9	736.2	805.7	844.4	898.1	918.9	889.8	887.9	790.5	740.8

Growing Degree Units (Accumulated Monthly)												
40	1006	1920	2936	3972	5088	6232	7442	8672	9865	11064	12155	13206
45	851	1625	2486	3372	4333	5328	6382	7457	8500	9544	10485	11381
50	696	1330	2036	2772	3578	4422	5322	6242	7135	8024	8815	9556
55	541	1035	1586	2172	2823	3518	4262	5027	5770	6504	7145	7731
60	386	740	1136	1572	2068	2612	3202	3812	4405	4984	5475	5906
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	696	1329	2034	2770	3576	4420	5318	6237	7127	8015	8805	9546

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