

Summary of Monthly Normals
1991-2020

Current Location: Elev: 75 ft. Lat: 20.7947° N Lon: 156.0153° W
Station: HANA AP 355, HI US USC00511125
Generated on 05/13/2024

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	77.8	64.8	71.3	2.3	2.2	1.4	505.3	443.3	350.3	195.4	56.4	21.0	0.0	0.0	0.0	0.1	0.0	0.0	31.0	0.0	0.0	0.0
02	77.3	65.0	71.1	1.2	1.4	1.0	452.2	396.2	312.2	172.3	47.7	17.7	0.0	0.0	0.0	0.1	0.0	0.0	28.0	0.0	0.0	0.0
03	77.5	65.7	71.6	1.5	1.2	1.1	514.6	452.6	359.6	204.7	60.4	21.8	0.0	0.0	0.0	0.1	0.0	0.0	31.0	0.0	0.0	0.0
04	78.2	67.4	72.8	1.0	1.4	1.1	534.0	474.0	384.0	234.0	86.3	37.8	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0
05	79.7	68.4	74.1	1.2	1.5	1.1	590.5	528.5	435.5	280.5	126.3	68.1	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
06	81.1	69.8	75.5	1.3	1.3	1.1	613.5	553.5	463.5	313.5	163.5	103.9	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0
07	81.7	71.2	76.4	0.9	1.3	1.0	665.0	603.0	510.0	355.0	200.0	138.3	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
08	82.9	71.7	77.3	1.2	1.1	1.0	691.3	629.3	536.3	381.3	226.3	164.3	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
09	82.5	70.3	76.4	1.0	1.7	1.2	642.0	582.0	492.0	342.0	192.0	132.1	0.0	0.0	0.0	0.0	0.0	0.1	30.0	0.0	0.0	0.0
10	81.9	70.5	76.2	0.8	1.5	1.0	657.2	595.2	502.2	347.2	192.2	130.6	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
11	80.2	69.8	75.0	1.1	1.2	1.0	600.0	540.0	450.0	300.0	150.3	92.9	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0
12	78.8	68.0	73.4	2.2	1.3	1.5	570.4	508.4	415.4	260.4	108.4	57.4	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
Summary	80.0	68.5	74.3	1.3	1.4	1.1	7036	6306	5211	3386	1610	986	0	0	0	0	0.0	0.1	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	5.64							
02	5.45							
03	8.46							
04	5.00							
05	5.43							
06	4.45							
07	5.49							
08	5.99							
09	6.12							
10	6.88							
11	6.65							
12	6.59							
Summary	72.15	0.0	0.0	0.0	0.0	0.00	0.00	0.00

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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	970.3	872.2	979.6	984.0	1055.5	1063.5	1130.0	1156.3	1092.0	1122.2	1050.0	1035.4
45	815.3	732.2	824.6	834.0	900.5	913.5	975.0	1001.3	942.0	967.2	900.0	880.4
50	660.3	592.2	669.6	684.0	745.5	763.5	820.0	846.3	792.0	812.2	750.0	725.4
55	505.3	452.2	514.6	534.0	590.5	613.5	665.0	691.3	642.0	657.2	600.0	570.4
60	350.3	312.2	359.6	384.0	435.5	463.5	510.0	536.3	492.0	502.2	450.0	415.4
Growing Degree Units for Corn (Monthly)												
50/86	661.0	592.3	669.6	684.0	745.6	763.1	819.8	845.2	791.4	811.6	750.0	725.5

Growing Degree Units (Accumulated Monthly)												
40	970	1842	2822	3806	4862	5925	7055	8211	9303	10426	11476	12511
45	815	1548	2372	3206	4107	5020	5995	6996	7938	8906	9806	10686
50	660	1252	1922	2606	3352	4115	4935	5781	6573	7386	8136	8861
55	505	958	1472	2006	2597	3210	3875	4566	5208	5866	6466	7036
60	350	662	1022	1406	1842	2305	2815	3351	3843	4346	4796	5211
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	661	1253	1923	2607	3352	4116	4935	5781	6572	7384	8134	8859

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