U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Summary of Monthly Normals
1991-2020

Generated on 03/29/2024

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Current Location: Elev: 51 ft. Lat: 20.8997° N Lon: 156.4286° W

Station: **KAHULUI AP, HI US USW00022516**

Temperature (°F)

	Mean						Cooling Degree Days Base (above)						Heating Degree Days Base (above)				Mean Number of Days					
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	82.2	63.6	72.9	1.6	1.6	1.3	554.9	492.9	399.9	244.9	94.6	47.5	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
02	82.2	63.8	73.0	1.5	1.7	1.2	504.0	448.0	364.0	224.0	88.8	45.5	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0
03	82.9	65.1	74.0	1.4	1.3	1.1	589.0	527.0	434.0	279.0	126.6	72.1	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
04	84.5	66.6	75.5	1.6	1.5	1.1	616.5	556.5	466.5	316.5	166.8	108.7	0.0	0.0	0.0	0.0	0.0	0.3	30.0	0.0	0.0	0.0
05	86.5	67.7	77.1	1.6	0.9	0.9	685.1	623.1	530.1	375.1	220.2	158.8	0.0	0.0	0.0	0.0	0.0	1.6	31.0	0.0	0.0	0.0
06	88.3	70.3	79.3	1.2	1.2	0.9	729.0	669.0	579.0	429.0	279.0	219.0	0.0	0.0	0.0	0.0	0.0	3.4	30.0	0.0	0.0	0.0
07	89.2	71.8	80.5	1.3	1.1	1.0	790.5	728.5	635.5	480.5	325.5	263.5	0.0	0.0	0.0	0.0	0.0	6.5	31.0	0.0	0.0	0.0
08	89.9	72.3	81.1	1.2	1.0	0.9	809.1	747.1	654.1	499.1	344.1	282.1	0.0	0.0	0.0	0.0	0.0	8.6	31.0	0.0	0.0	0.0
09	90.0	71.2	80.6	1.4	1.5	1.2	768.0	708.0	618.0	468.0	318.0	258.0	0.0	0.0	0.0	0.0	0.0	9.9	30.0	0.0	0.0	0.0
10	88.7	70.1	79.4	1.3	1.2	0.9	756.4	694.4	601.4	446.4	291.4	229.4	0.0	0.0	0.0	0.0	0.0	6.6	31.0	0.0	0.0	0.0
11	85.8	68.4	77.1	1.3	1.4	1.0	663.0	603.0	513.0	363.0	213.0	153.5	0.0	0.0	0.0	0.0	0.0	1.6	30.0	0.0	0.0	0.0
12	83.3	65.9	74.6	1.5	1.5	1.0	607.6	545.6	452.6	297.6	143.3	86.4	0.0	0.0	0.0	0.0	0.0	0.2	31.0	0.0	0.0	0.0
Summary	86.1	68.1	77.1	1.4	1.3	1.0	8073	7343	6248	4423	2611	1925	0	0	0	0	0.0	38.7	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	2.42	8.3	4.0	1.3	0.6	0.81	1.99	2.92
02	2.00	9.1	3.8	0.9	0.4	0.90	1.38	2.94
03	2.64	10.2	4.5	1.9	0.7	1.23	2.05	3.58
04	1.32	8.6	2.5	0.6	0.3	0.32	0.84	1.40
05	0.71	6.1	1.7	0.3	0.1	0.06	0.51	0.90
06	0.17	4.8	0.4	0.0	0.0	0.03	0.10	0.27
07	0.53	7.7	1.5	0.2	0.0	0.15	0.42	0.82
08	0.53	7.4	1.3	0.2	0.0	0.19	0.34	0.63
09	0.45	5.0	1.0	0.3	0.0	0.10	0.22	0.67
10	0.83	6.5	1.6	0.3	0.1	0.15	0.42	1.12
11	1.81	9.2	3.0	0.9	0.4	0.59	1.35	2.94
12	2.80	10.0	4.2	1.4	0.7	0.98	2.38	3.39
Summary	16.21	92.9	29.5	8.3	3.3	5.51	12.00	21.58

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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	1019.9	924.0	1054.0	1066.5	1150.1	1179.0	1255.5	1274.1	1218.0	1221.4	1113.0	1072.6
45	864.9	784.0	899.0	916.5	995.1	1029.0	1100.5	1119.1	1068.0	1066.4	963.0	917.6
50	709.9	644.0	744.0	766.5	840.1	879.0	945.5	964.1	918.0	911.4	813.0	762.6
55	554.9	504.0	589.0	616.5	685.1	729.0	790.5	809.1	768.0	756.4	663.0	607.6
60	399.9	364.0	434.0	466.5	530.1	579.0	635.5	654.1	618.0	601.4	513.0	452.6
Growing Degree Units for Corn (Monthly)												
50/86	708.2	642.4	740.9	757.8	819.0	842.6	895.0	903.1	857.5	866.2	797.0	758.4
Growing Degree Units (Accumulated Monthly)												
40	1020	1944	2998	4064	5214	6394	7649	8923	10141	11362	12476	13548
45	865	1649	2548	3464	4460	5488	6589	7708	8776	9842	10806	11723
50	710	1354	2098	2864	3704	4584	5529	6493	7411	8322	9136	9898
55	555	1059	1648	2264	2950	3678	4469	5278	6046	6802	7466	8073
60	400	764	1198	1664	2194	2774	3409	4063	4681	5282	5796	6248
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	708	1351	2092	2849	3668	4511	5406	6309	7167	8033	8830	9588

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

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