

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 100 ft. Lat: 21.9839° N Lon: 159.3405° W

Station: LIHUE WSO AP 1020.1, HI US USW00022536

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	78.6	66.0	72.3	1.4	2.1	1.5	536.3	474.3	381.3	226.4	82.2	40.3	0.0	0.0	0.0	0.1	0.0	0.0	31.0	0.0	0.0	0.0
02	78.1	66.2	72.2	1.6	1.4	1.2	480.2	424.2	340.2	200.4	69.3	31.2	0.0	0.0	0.0	0.2	0.0	0.0	28.0	0.0	0.0	0.0
03	78.5	67.3	72.9	1.4	1.5	1.2	554.9	492.9	399.9	245.0	97.0	48.6	0.0	0.0	0.0	0.1	0.0	0.0	31.0	0.0	0.0	0.0
04	79.8	69.5	74.6	1.5	1.5	1.3	589.5	529.5	439.5	289.5	140.7	85.7	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0
05	81.6	70.9	76.3	1.1	1.3	1.0	658.8	596.8	503.8	348.8	193.9	133.5	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
06	83.3	73.4	78.3	1.1	1.0	1.0	700.5	640.5	550.5	400.5	250.5	190.5	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0
07	84.6	74.6	79.6	0.9	1.3	1.0	762.6	700.6	607.6	452.6	297.6	235.6	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
08	85.2	75.2	80.2	1.3	1.3	1.2	781.2	719.2	626.2	471.2	316.2	254.2	0.0	0.0	0.0	0.0	0.0	0.4	31.0	0.0	0.0	0.0
09	85.3	74.8	80.0	1.3	1.3	1.2	751.5	691.5	601.5	451.5	301.5	241.5	0.0	0.0	0.0	0.0	0.0	0.4	30.0	0.0	0.0	0.0
10	83.9	73.6	78.7	0.8	0.9	0.8	736.2	674.2	581.2	426.2	271.2	209.4	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
11	81.2	71.3	76.2	1.2	1.5	1.1	637.5	577.5	487.5	337.5	187.8	129.1	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0
12	79.1	68.6	73.9	1.6	1.9	1.6	584.4	522.4	429.4	274.4	123.9	71.5	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
Summary	81.6	71.0	76.3	1.3	1.4	1.2	7774	7044	5949	4124	2332	1671	0	0	0	0	0.0	0.8	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	2.78	12.0	4.4	1.3	0.7	0.95	1.80	4.36
02	3.63	12.5	5.4	1.6	0.9	1.03	2.68	6.25
03	5.61	15.1	6.3	2.2	1.6	1.54	3.09	6.99
04	2.03	15.5	5.4	0.9	0.3	1.34	1.87	2.53
05	2.18	14.3	4.4	1.0	0.4	0.93	1.55	2.32
06	1.79	17.8	5.0	0.5	0.2	0.99	1.29	1.96
07	1.75	19.3	5.0	0.4	0.1	1.09	1.53	1.74
08	2.33	18.0	5.3	0.9	0.4	1.04	1.77	2.92
09	2.18	16.1	5.2	0.8	0.3	0.98	1.74	2.78
10	3.27	16.9	5.4	1.7	0.8	1.11	3.02	4.83
11	4.03	17.5	6.8	1.9	0.8	1.69	3.19	5.14
12	4.64	17.6	6.9	1.8	1.0	1.25	2.90	5.63
Summary	36.22	192.6	65.5	15.0	7.5	13.94	26.43	47.45

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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	1001.3	900.2	1019.9	1039.5	1123.8	1150.5	1227.6	1246.2	1201.5	1201.2	1087.5	1049.4
45	846.3	760.2	864.9	889.5	968.8	1000.5	1072.6	1091.2	1051.5	1046.2	937.5	894.4
50	691.3	620.2	709.9	739.5	813.8	850.5	917.6	936.2	901.5	891.2	787.5	739.4
55	536.3	480.2	554.9	589.5	658.8	700.5	762.6	781.2	751.5	736.2	637.5	584.4
60	381.3	340.2	399.9	439.5	503.8	550.5	607.6	626.2	601.5	581.2	487.5	429.4
Growing Degree Units for Corn (Monthly)												
50/86	691.3	620.2	709.9	739.5	813.6	850.1	915.5	930.6	895.4	889.6	787.4	739.3

Growing Degree Units (Accumulated Monthly)												
40	1001	1902	2921	3961	5085	6235	7463	8709	9910	11112	12199	13249
45	846	1606	2471	3361	4330	5330	6403	7494	8546	9592	10529	11424
50	691	1312	2021	2761	3575	4425	5343	6279	7180	8072	8859	9599
55	536	1016	1571	2161	2820	3520	4283	5064	5816	6552	7189	7774
60	381	722	1121	1561	2065	2615	3223	3849	4450	5032	5519	5949
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	691	1312	2021	2761	3574	4425	5340	6271	7166	8056	8843	9582

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