

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	60.6	43.4	52.0	2.4	2.3	2.0	15	6	1	-7777	0	0	108	161	249	403	0.0	0.0	30.2	0.0	0.1	0.0
02	59.6	42.3	51.0	2.1	1.7	1.6	8	3	1	0	0	0	122	172	254	393	0.0	0.0	27.1	0.0	0.1	0.0
03	59.9	42.9	51.4	2.2	1.8	1.7	10	3	-7777	0	0	0	121	177	267	422	0.0	0.0	30.1	0.0	0.0	0.0
04	60.4	43.2	51.8	1.9	1.7	1.7	12	4	-7777	-7777	0	0	108	160	246	396	0.0	0.0	29.9	0.0	0.0	0.0
05	62.7	45.1	53.9	2.0	2.3	1.9	36	18	5	-7777	-7777	0	70	114	194	345	0.0	0.0	31.0	0.0	-7777	0.0
06	65.3	47.5	56.4	2.0	1.9	1.7	68	38	12	-7777	-7777	0	26	56	120	258	0.0	0.0	30.0	0.0	0.0	0.0
07	65.6	48.5	57.0	1.6	1.9	1.4	80	44	13	-7777	0	0	16	42	104	247	0.0	0.0	31.0	0.0	0.0	0.0
08	66.2	48.8	57.5	1.3	1.9	1.3	89	47	13	-7777	0	0	11	32	90	233	0.0	0.0	31.0	0.0	0.0	0.0
09	64.5	47.4	56.0	1.4	1.8	1.3	50	22	5	-7777	0	0	22	54	126	272	0.0	0.0	30.0	0.0	0.0	0.0
10	64.0	47.2	55.6	1.7	1.9	1.4	46	18	3	-7777	0	0	27	62	139	291	0.0	0.0	31.0	0.0	-7777	0.0
11	63.3	47.0	55.1	1.9	1.8	1.6	42	18	4	-7777	0	0	37	73	150	296	0.0	0.0	30.0	0.0	0.0	0.0
12	61.3	44.4	52.9	2.1	1.9	1.6	20	8	1	-7777	0	0	87	136	223	377	0.0	0.0	30.7	0.0	-7777	0.0
Summary	62.8	45.6	54.2	1.9	1.9	1.6	476	229	58	0	0	0	755	1239	2162	3933	0.0	0.0	362.0	0.0	0.2	0.0

-7777: a non-zero value that would round to zero

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

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Current Location: Elev: 6962 ft. Lat: 20.7603° N Lon: -156.2470° W
Station: HALEAKALA RANGER STATION 338, HI US USC00511004

Summary of Monthly Normals
1981-2010
Generated on 02/28/2018

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

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	5.99	10.2	6.5	3.4	1.7	3.08	4.95	7.98
02	5.49	9.9	5.9	2.9	1.3	1.81	4.84	7.74
03	7.65	12.3	7.3	3.9	1.9	2.45	5.07	10.59
04	4.16	13.1	6.7	2.2	0.9	1.27	2.26	5.72
05	2.16	9.8	4.3	1.0	0.5	0.92	1.65	3.28
06	1.38	8.6	3.4	0.7	0.2	0.27	0.80	2.26
07	2.59	12.2	5.6	1.1	0.4	1.24	2.13	3.20
08	2.10	11.1	4.8	1.1	0.5	0.90	1.71	2.87
09	2.38	12.5	6.0	1.4	0.4	1.27	2.05	3.77
10	3.10	12.0	5.8	1.7	0.7	1.39	2.25	4.76
11	5.29	12.1	6.9	2.7	1.4	1.95	4.39	8.53
12	7.45	11.5	6.6	3.3	2.0	3.32	6.27	10.21
Summary	49.74	135.3	69.8	25.4	11.9	19.87	38.37	70.91

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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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02	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
03	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
04	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
05	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
06	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
07	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
08	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
09	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
10	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
11	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
12	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
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
40	372	307	353	354	431	492	529	542	478	484	455	398
45	219	170	200	204	276	342	374	387	329	329	305	244
50	85	57	70	73	130	193	219	233	179	175	158	103
55	15	8	10	12	36	68	80	89	50	46	42	20
60	1	1	-7777	-7777	5	12	13	13	5	3	4	1
Growing Degree Units for Corn (Monthly)												
50/86	167	136	155	157	203	242	257	268	226	223	206	178

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	372	679	1032	1386	1817	2309	2838	3380	3858	4342	4797	5195
45	219	389	589	793	1069	1411	1785	2172	2501	2830	3135	3379
50	85	142	212	285	415	608	827	1060	1239	1414	1572	1675
55	15	23	33	45	81	149	229	318	368	414	456	476
60	1	2	2	2	7	19	32	45	50	53	57	58
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	167	303	458	615	818	1060	1317	1585	1811	2034	2240	2418

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