

Summary of Monthly Normals 1991-2020

Generated on 12/13/2024

Current Location: Elev: 7 ft. Lat: 21.3239° N Lon: 157.9294° W
 Station: **HONOLULU INTL AP, HI US USW00022521**

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	80.5	66.8	73.6	1.4	1.8	1.4	578.2	516.2	423.2	268.2	116.3	63.9	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
02	80.5	67.1	73.8	0.9	1.6	1.0	526.4	470.4	386.4	246.4	108.8	60.1	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0
03	81.2	68.1	74.7	1.3	1.2	1.0	609.2	547.2	454.2	299.2	145.6	88.3	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
04	83.1	70.1	76.6	1.5	1.2	1.1	648.0	588.0	498.0	348.0	198.2	138.8	0.0	0.0	0.0	0.0	0.0	0.1	30.0	0.0	0.0	0.0
05	84.8	71.5	78.2	1.4	1.4	1.2	717.7	655.7	562.7	407.7	252.7	191.0	0.0	0.0	0.0	0.0	0.0	0.7	31.0	0.0	0.0	0.0
06	86.9	73.8	80.3	1.3	1.0	1.0	760.5	700.5	610.5	460.5	310.5	250.5	0.0	0.0	0.0	0.0	0.0	1.7	30.0	0.0	0.0	0.0
07	88.1	75.1	81.6	1.3	1.3	1.2	824.6	762.6	669.6	514.6	359.6	297.6	0.0	0.0	0.0	0.0	0.0	6.6	31.0	0.0	0.0	0.0
08	88.8	75.6	82.2	1.2	1.1	1.0	843.2	781.2	688.2	533.2	378.2	316.2	0.0	0.0	0.0	0.0	0.0	10.3	31.0	0.0	0.0	0.0
09	88.4	74.8	81.6	1.2	1.1	1.1	798.0	738.0	648.0	498.0	348.0	288.0	0.0	0.0	0.0	0.0	0.0	8.7	30.0	0.0	0.0	0.0
10	86.9	73.9	80.4	1.3	1.2	1.1	787.4	725.4	632.4	477.4	322.4	260.4	0.0	0.0	0.0	0.0	0.0	3.3	31.0	0.0	0.0	0.0
11	84.1	71.8	78.0	1.4	1.5	1.3	688.5	628.5	538.5	388.5	238.5	178.6	0.0	0.0	0.0	0.0	0.0	0.2	30.0	0.0	0.0	0.0
12	81.8	69.2	75.5	1.5	1.6	1.4	635.5	573.5	480.5	325.5	171.3	112.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
Summary	84.6	71.5	78.0	1.3	1.3	1.2	8417	7687	6592	4767	2950	2245	0	0	0	0	0.0	31.6	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	1.84	7.7	3.3	1.0	0.4	0.56	1.02	2.45	
02	1.94	7.6	3.0	0.9	0.3	0.59	0.97	2.03	
03	2.36	8.7	3.1	1.3	0.7	0.57	1.61	2.73	
04	0.77	7.5	1.9	0.3	0.1	0.25	0.51	0.95	
05	0.82	6.0	1.6	0.5	0.1	0.15	0.41	1.12	
06	0.50	6.3	0.7	0.1	0.1	0.11	0.22	0.38	
07	0.52	7.3	1.3	0.1	0.1	0.18	0.37	0.59	
08	0.84	5.7	1.2	0.4	0.2	0.12	0.18	1.01	
09	0.88	7.2	2.2	0.3	0.2	0.28	0.57	0.99	
10	1.51	7.7	2.6	0.8	0.3	0.25	1.20	2.41	
11	2.25	8.6	2.9	1.2	0.6	0.49	0.98	2.40	
12	2.18	8.9	3.2	1.1	0.5	0.49	1.09	2.98	
Summary	16.41	89.2	27.0	8.0	3.6	4.04	9.13	20.04	

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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	1043.2	946.4	1074.2	1098.0	1182.7	1210.5	1289.6	1308.2	1248.0	1252.4	1138.5	1100.5
45	888.2	806.4	919.2	948.0	1027.7	1060.5	1134.6	1153.2	1098.0	1097.4	988.5	945.5
50	733.2	666.4	764.2	798.0	872.7	910.5	979.6	998.2	948.0	942.4	838.5	790.5
55	578.2	526.4	609.2	648.0	717.7	760.5	824.6	843.2	798.0	787.4	688.5	635.5
60	423.2	386.4	454.2	498.0	562.7	610.5	669.6	688.2	648.0	632.4	538.5	480.5
Growing Degree Units for Corn (Monthly)												
50/86	733.1	666.3	764.0	796.4	865.8	890.7	944.8	953.8	910.0	920.4	834.5	789.6

Growing Degree Units (Accumulated Monthly)												
40	1043	1990	3064	4162	5344	6555	7845	9153	10401	11653	12792	13892
45	888	1695	2614	3562	4590	5650	6785	7938	9036	10133	11122	12067
50	733	1400	2164	2962	3834	4745	5725	6723	7671	8613	9452	10242
55	578	1105	1714	2362	3080	3840	4665	5508	6306	7093	7782	8417
60	423	810	1264	1762	2324	2935	3605	4293	4941	5573	6112	6592
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	733	1399	2163	2960	3826	4716	5661	6615	7525	8445	9280	10069

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