

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 588 ft. Lat: 14.1717° N Lon: 145.2428° E
Station: **ROTA AP, MP CQ CQC00914801**

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	83.6	74.2	78.9	0.9	0.9	0.6	740.9	678.9	585.9	430.9	275.9	213.9	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
02	83.5	73.7	78.6	1.0	1.1	0.9	660.8	604.8	520.8	380.8	240.8	184.8	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0
03	84.3	74.2	79.3	0.9	1.2	0.8	751.7	689.7	596.7	441.7	286.7	224.7	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
04	85.1	75.1	80.1	1.2	0.8	0.8	753.0	693.0	603.0	453.0	303.0	243.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0
05	86.3	76.0	81.2	0.8	0.8	0.5	810.6	748.6	655.6	500.6	345.6	283.6	0.0	0.0	0.0	0.0	0.0	0.1	31.0	0.0	0.0	0.0
06	87.1	76.6	81.8	0.9	1.1	0.8	805.5	745.5	655.5	505.5	355.5	295.5	0.0	0.0	0.0	0.0	0.0	0.9	30.0	0.0	0.0	0.0
07	86.7	75.7	81.2	0.9	0.9	0.7	812.2	750.2	657.2	502.2	347.2	285.2	0.0	0.0	0.0	0.0	0.0	0.9	31.0	0.0	0.0	0.0
08	85.9	75.2	80.5	1.2	1.1	0.9	792.1	730.1	637.1	482.1	327.1	265.1	0.0	0.0	0.0	0.0	0.0	0.6	31.0	0.0	0.0	0.0
09	86.1	75.1	80.6	1.4	0.9	0.9	768.0	708.0	618.0	468.0	318.0	258.0	0.0	0.0	0.0	0.0	0.0	1.4	30.0	0.0	0.0	0.0
10	86.1	75.5	80.8	1.2	0.8	0.7	799.8	737.8	644.8	489.8	334.8	272.8	0.0	0.0	0.0	0.0	0.0	0.6	31.0	0.0	0.0	0.0
11	85.8	75.9	80.8	0.8	0.9	0.6	775.5	715.5	625.5	475.5	325.5	265.5	0.0	0.0	0.0	0.0	0.0	0.2	30.0	0.0	0.0	0.0
12	84.8	75.5	80.2	0.8	0.9	0.6	779.6	717.6	624.6	469.6	314.6	252.6	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
Summary	85.4	75.2	80.3	1.0	1.0	0.7	9250	8520	7425	5600	3775	3045	0	0	0	0	0.0	4.7	365.0	0.0	0.0	0.0

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

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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	5.66	19.4	10.7	2.9	1.4	2.81	3.96	8.19
02	4.76	16.8	9.1	2.6	1.1	2.51	3.97	6.62
03	3.45	15.5	7.6	1.6	0.5	1.66	2.93	4.34
04	3.65	17.2	7.8	1.8	0.8	1.69	2.72	4.65
05	3.73	18.4	8.5	1.9	0.8	2.15	3.25	5.61
06	5.41	20.2	12.0	3.0	1.3	3.06	4.54	6.24
07	9.86	25.3	17.7	6.1	2.7	6.67	10.04	10.88
08	14.15	24.4	18.1	7.7	4.5	9.72	13.31	17.57
09	15.04	25.2	18.4	8.0	4.7	12.00	14.75	17.72
10	13.88	25.3	18.1	7.2	3.4	9.40	14.49	16.63
11	7.49	22.8	14.1	4.8	1.9	5.22	6.04	9.94
12	5.35	20.7	11.9	2.9	1.0	3.42	4.89	6.83
Summary	92.43	251.2	154.0	50.5	24.1	60.31	84.89	115.22

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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	1205.9	1080.8	1216.7	1203.0	1275.6	1255.5	1277.2	1257.1	1218.0	1264.8	1225.5	1244.6
45	1050.9	940.8	1061.7	1053.0	1120.6	1105.5	1122.2	1102.1	1068.0	1109.8	1075.5	1089.6
50	895.9	800.8	906.7	903.0	965.6	955.5	967.2	947.1	918.0	954.8	925.5	934.6
55	740.9	660.8	751.7	753.0	810.6	805.5	812.2	792.1	768.0	799.8	775.5	779.6
60	585.9	520.8	596.7	603.0	655.6	655.5	657.2	637.1	618.0	644.8	625.5	624.6
Growing Degree Units for Corn (Monthly)												
50/86	895.2	800.5	906.5	900.7	954.1	935.2	949.2	935.0	903.4	941.8	918.7	932.1

Growing Degree Units (Accumulated Monthly)												
40	1206	2287	3503	4706	5982	7238	8515	9772	10990	12255	13480	14725
45	1051	1992	3053	4106	5227	6332	7455	8557	9625	10735	11810	12900
50	896	1697	2603	3506	4472	5428	6395	7342	8260	9215	10140	11075
55	741	1402	2153	2906	3717	4522	5335	6127	6895	7695	8470	9250
60	586	1107	1703	2306	2962	3617	4275	4912	5530	6175	6800	7425
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	895	1696	2602	3503	4457	5392	6341	7276	8180	9122	10040	10972

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

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