

Summary of Monthly Normals
1991-2020

Generated on 04/23/2024

Current Location: Elev: 74 ft. Lat: 18.1875° N Lon: 67.1378° W
Station: MAYAGUEZ CITY, PR RQ RQC00666073

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	85.0	67.6	76.3	1.6	3.5	1.9	660.3	598.3	505.3	350.3	195.8	135.0	0.0	0.0	0.0	0.0	0.0	2.1	31.0	0.0	0.0	0.0
02	85.7	66.9	76.3	1.2	2.8	1.3	596.4	540.4	456.4	316.4	176.7	121.3	0.0	0.0	0.0	0.0	0.0	1.4	28.0	0.0	0.0	0.0
03	86.8	67.6	77.2	1.8	2.3	1.3	688.2	626.2	533.2	378.2	223.2	161.5	0.0	0.0	0.0	0.0	0.0	4.9	31.0	0.0	0.0	0.0
04	87.2	68.9	78.0	1.4	2.3	1.4	691.5	631.5	541.5	391.5	241.5	181.5	0.0	0.0	0.0	0.0	0.0	4.3	30.0	0.0	0.0	0.0
05	88.5	71.0	79.7	1.8	2.8	1.9	767.2	705.2	612.2	457.2	302.2	240.2	0.0	0.0	0.0	0.0	0.0	9.5	31.0	0.0	0.0	0.0
06	90.2	70.8	80.5	2.0	1.1	1.4	765.0	705.0	615.0	465.0	315.0	255.0	0.0	0.0	0.0	0.0	0.0	19.2	30.0	0.0	0.0	0.0
07	90.0	72.6	81.3	1.3	2.1	1.3	815.3	753.3	660.3	505.3	350.3	288.3	0.0	0.0	0.0	0.0	0.0	19.8	31.0	0.0	0.0	0.0
08	90.2	72.4	81.3	1.9	2.9	2.1	815.3	753.3	660.3	505.3	350.3	288.3	0.0	0.0	0.0	0.0	0.0	21.8	31.0	0.0	0.0	0.0
09	90.1	72.3	81.2	1.3	2.9	1.7	786.0	726.0	636.0	486.0	336.0	276.0	0.0	0.0	0.0	0.0	0.0	19.8	30.0	0.0	0.0	0.0
10	89.8	72.5	81.2	1.7	2.2	1.5	810.6	748.6	655.6	500.6	345.6	283.6	0.0	0.0	0.0	0.0	0.4	17.9	31.0	0.0	0.0	0.0
11	88.2	71.3	79.7	2.1	2.9	1.9	742.5	682.5	592.5	442.5	292.5	232.5	0.0	0.0	0.0	0.0	0.0	10.1	30.0	0.0	0.0	0.0
12	86.1	69.0	77.6	2.5	3.3	2.2	699.1	637.1	544.1	389.1	234.1	172.2	0.0	0.0	0.0	0.0	0.0	3.3	31.0	0.0	0.0	0.0
Summary	88.1	70.2	79.2	1.7	2.6	1.7	8837	8107	7012	5187	3363	2635	0	0	0	0	0.4	134.1	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	1.19	4.9	2.5	0.5	0.2	0.39	0.93	1.62	
02	1.81	6.6	3.9	1.4	0.4	0.46	1.23	2.66	
03	2.08	7.5	4.4	1.3	0.5	1.39	2.05	2.77	
04	3.88	10.8	7.2	2.4	1.1	1.56	2.97	5.19	
05	6.00	11.0	7.8	3.5	2.0	3.78	5.13	7.45	
06	5.15	12.0	8.2	2.8	1.2	3.12	4.49	6.52	
07	5.81	13.4	10.5	4.8	2.1	3.40	5.51	7.30	
08	6.80	14.8	10.3	4.6	1.9	6.01	7.05	7.91	
09	6.64	15.1	11.2	4.3	2.4	4.93	6.31	7.90	
10	6.49	13.6	9.9	4.5	1.5	6.54	7.00	7.21	
11	3.08	9.0	6.6	1.9	0.6	2.58	2.98	3.26	
12	2.33	6.4	3.6	1.2	0.7	0.46	1.77	3.05	
Summary	51.26	125.1	86.1	33.2	14.6	34.62	47.42	62.84	

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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	1125.3	1016.4	1153.2	1141.5	1232.2	1215.0	1280.3	1280.3	1236.0	1275.6	1192.5	1164.1
45	970.3	876.4	998.2	991.5	1077.2	1065.0	1125.3	1125.3	1086.0	1120.6	1042.5	1009.1
50	815.3	736.4	843.2	841.5	922.2	915.0	970.3	970.3	936.0	965.6	892.5	854.1
55	660.3	596.4	688.2	691.5	767.2	765.0	815.3	815.3	786.0	810.6	742.5	699.1
60	505.3	456.4	533.2	541.5	612.2	615.0	660.3	660.3	636.0	655.6	592.5	544.1
Growing Degree Units for Corn (Monthly)												
50/86	806.3	724.8	819.4	816.3	879.8	850.8	906.7	902.2	873.2	903.9	852.3	835.4

Growing Degree Units (Accumulated Monthly)												
40	1125	2142	3295	4436	5669	6884	8164	9444	10680	11956	13148	14312
45	970	1847	2845	3836	4914	5979	7104	8229	9315	10436	11478	12487
50	815	1552	2395	3236	4159	5074	6044	7014	7950	8916	9808	10662
55	660	1257	1945	2636	3404	4169	4984	5799	6585	7396	8138	8837
60	505	962	1495	2036	2649	3264	3924	4584	5220	5876	6468	7012
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	806	1531	2350	3167	4047	4897	5804	6706	7580	8483	9336	10171

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