

Summary of Monthly Normals
1991-2020

Generated on 05/01/2024

Current Location: Elev: 250 ft. Lat: 18.4308° N Lon: 66.4661° W
Station: **MANATI 2 E, PR RQ RQC00665807**

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	81.2	65.6	73.4	1.3	1.0	0.9	570.4	508.4	415.4	260.4	107.1	51.5	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
02	81.8	65.2	73.5	1.4	1.1	1.1	518.0	462.0	378.0	238.0	99.3	48.5	0.0	0.0	0.0	0.0	0.0	0.2	28.0	0.0	0.0	0.0
03	82.7	65.7	74.2	1.6	1.3	1.2	595.2	533.2	440.2	285.2	131.3	73.3	0.0	0.0	0.0	0.0	0.0	1.4	31.0	0.0	0.0	0.0
04	83.8	67.7	75.7	0.8	0.9	0.7	622.5	562.5	472.5	322.5	172.6	113.2	0.0	0.0	0.0	0.0	0.0	1.5	30.0	0.0	0.0	0.0
05	85.2	69.8	77.5	1.8	1.0	1.1	697.5	635.5	542.5	387.5	232.5	170.9	0.0	0.0	0.0	0.0	0.0	4.7	31.0	0.0	0.0	0.0
06	87.0	71.7	79.4	1.0	0.6	0.6	730.5	670.5	580.5	430.5	280.5	220.5	0.0	0.0	0.0	0.0	0.0	7.0	30.0	0.0	0.0	0.0
07	86.4	72.1	79.3	1.0	0.9	0.7	751.8	689.8	596.8	441.8	286.8	224.8	0.0	0.0	0.0	0.0	0.0	4.1	31.0	0.0	0.0	0.0
08	87.2	72.4	79.8	0.9	0.6	0.7	768.8	706.8	613.8	458.8	303.8	241.8	0.0	0.0	0.0	0.0	0.0	6.5	31.0	0.0	0.0	0.0
09	87.2	71.6	79.4	0.9	0.6	0.7	732.0	672.0	582.0	432.0	282.0	222.0	0.0	0.0	0.0	0.0	0.0	6.5	30.0	0.0	0.0	0.0
10	86.6	70.7	78.7	0.9	0.8	0.7	733.1	671.1	578.1	423.1	268.1	206.1	0.0	0.0	0.0	0.0	0.0	5.5	31.0	0.0	0.0	0.0
11	84.1	69.2	76.7	1.2	0.7	0.8	649.5	589.5	499.5	349.5	199.5	140.0	0.0	0.0	0.0	0.0	0.0	0.7	30.0	0.0	0.0	0.0
12	82.3	67.4	74.8	2.1	1.1	1.3	615.3	553.3	460.3	305.3	150.6	90.6	0.0	0.0	0.0	0.0	0.0	0.5	31.0	0.0	0.0	0.0
Summary	84.6	69.1	76.9	1.2	0.9	0.9	7985	7255	6160	4335	2514	1803	0	0	0	0	0.0	38.6	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	5.09	14.6	9.6	2.9	1.3	3.23	4.00	6.77
02	3.16	11.7	7.5	1.6	0.6	1.71	2.73	4.11
03	4.07	10.2	6.8	2.1	1.0	1.95	2.47	4.77
04	4.91	11.5	7.6	3.2	1.5	2.22	3.72	6.57
05	6.21	13.9	9.5	4.2	2.1	3.04	4.73	9.17
06	3.41	10.8	6.5	2.3	0.7	1.63	2.91	4.66
07	5.35	14.0	9.2	3.3	1.4	2.79	4.80	6.56
08	5.36	14.6	9.5	3.7	1.5	3.97	4.91	7.06
09	5.67	13.9	10.1	3.3	1.0	3.82	4.93	6.74
10	5.67	14.6	10.2	4.3	1.8	3.75	4.95	6.35
11	7.59	17.2	12.0	4.9	2.1	4.62	6.85	9.63
12	5.39	16.2	10.8	3.2	1.4	2.93	4.96	7.43
Summary	61.88	163.2	109.3	39.0	16.4	35.66	51.96	79.82

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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	1035.4	938.0	1060.2	1072.5	1162.5	1180.5	1216.8	1233.8	1182.0	1198.1	1099.5	1080.3
45	880.4	798.0	905.2	922.5	1007.5	1030.5	1061.8	1078.8	1032.0	1043.1	949.5	925.3
50	725.4	658.0	750.2	772.5	852.5	880.5	906.8	923.8	882.0	888.1	799.5	770.3
55	570.4	518.0	595.2	622.5	697.5	730.5	751.8	768.8	732.0	733.1	649.5	615.3
60	415.4	378.0	440.2	472.5	542.5	580.5	596.8	613.8	582.0	578.1	499.5	460.3
Growing Degree Units for Corn (Monthly)												
50/86	725.2	656.8	746.4	767.2	838.3	857.3	891.2	899.3	858.3	868.7	795.3	769.1
Growing Degree Units (Accumulated Monthly)												
40	1035	1973	3034	4106	5269	6449	7666	8900	10082	11280	12379	13460
45	880	1678	2584	3506	4514	5544	6606	7685	8717	9760	10709	11635
50	725	1383	2134	2906	3759	4639	5546	6470	7352	8240	9039	9810
55	570	1088	1684	2306	3004	3734	4486	5255	5987	6720	7369	7985
60	415	793	1234	1706	2249	2829	3426	4040	4622	5200	5699	6160
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	725	1382	2128	2896	3734	4591	5482	6382	7240	8109	8904	9673

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