

Summary of Monthly Normals
1991-2020

Generated on 05/20/2024

Current Location: Elev: 72 ft. Lat: 17.9783° N Lon: 66.0875° W
Station: GUAYAMA 2E, PR RQ RQC00664193

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	85.4	71.9	78.7	0.8	1.0	0.8	733.2	671.2	578.2	423.2	268.2	206.2	0.0	0.0	0.0	0.0	0.0	0.1	31.0	0.0	0.0	0.0
02	85.5	71.7	78.6	0.9	1.3	1.0	660.8	604.8	520.8	380.8	240.8	184.8	0.0	0.0	0.0	0.0	0.0	0.1	28.0	0.0	0.0	0.0
03	85.9	71.9	78.9	1.0	1.2	1.0	740.9	678.9	585.9	430.9	275.9	213.9	0.0	0.0	0.0	0.0	0.0	1.1	31.0	0.0	0.0	0.0
04	86.9	73.7	80.3	0.7	1.0	0.8	759.0	699.0	609.0	459.0	309.0	249.0	0.0	0.0	0.0	0.0	0.0	2.2	30.0	0.0	0.0	0.0
05	87.9	75.7	81.8	0.8	1.0	0.8	830.8	768.8	675.8	520.8	365.8	303.8	0.0	0.0	0.0	0.0	0.0	4.8	31.0	0.0	0.0	0.0
06	88.8	77.2	83.0	1.1	1.1	1.0	840.0	780.0	690.0	540.0	390.0	330.0	0.0	0.0	0.0	0.0	0.0	11.9	30.0	0.0	0.0	0.0
07	89.7	77.5	83.6	0.7	0.9	0.8	886.6	824.6	731.6	576.6	421.6	359.6	0.0	0.0	0.0	0.0	0.0	18.6	31.0	0.0	0.0	0.0
08	90.0	77.4	83.7	0.6	0.8	0.7	889.7	827.7	734.7	579.7	424.7	362.7	0.0	0.0	0.0	0.0	0.0	19.7	31.0	0.0	0.0	0.0
09	90.0	76.8	83.4	0.7	0.8	0.7	852.0	792.0	702.0	552.0	402.0	342.0	0.0	0.0	0.0	0.0	0.0	18.9	30.0	0.0	0.0	0.0
10	89.3	76.0	82.6	0.7	0.8	0.7	857.1	795.1	702.1	547.1	392.1	330.1	0.0	0.0	0.0	0.0	0.0	14.3	31.0	0.0	0.0	0.0
11	88.1	74.6	81.3	0.7	1.1	0.8	790.5	730.5	640.5	490.5	340.5	280.5	0.0	0.0	0.0	0.0	0.0	6.6	30.0	0.0	0.0	0.0
12	86.5	73.0	79.8	0.7	1.2	0.8	767.3	705.3	612.3	457.3	302.3	240.3	0.0	0.0	0.0	0.0	0.0	1.0	31.0	0.0	0.0	0.0
Summary	87.8	74.8	81.3	0.8	1.0	0.8	9608	8878	7783	5958	4133	3403	0	0	0	0	0.0	99.3	365.0	0.0	0.0	0.0

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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	2.42	14.5	5.8	1.0	0.3	1.19	2.17	3.18	
02	1.70	13.1	5.3	0.5	0.1	0.93	1.70	2.29	
03	1.90	12.0	4.7	0.8	0.3	1.20	1.74	2.55	
04	2.84	12.5	5.9	1.3	0.6	1.45	2.18	4.34	
05	5.26	15.9	8.6	2.6	1.1	2.63	4.31	7.05	
06	4.58	16.6	8.9	2.4	0.7	2.08	3.30	7.02	
07	5.46	17.2	9.3	3.3	1.5	2.99	4.63	6.08	
08	7.08	18.5	10.4	4.1	1.8	4.84	6.91	8.88	
09	7.30	16.0	9.9	3.9	1.9	4.16	6.41	9.51	
10	7.22	17.5	10.6	4.2	2.2	3.23	5.84	8.51	
11	5.85	16.2	8.8	2.9	1.6	2.39	4.81	7.94	
12	2.79	15.1	6.8	1.2	0.3	1.42	2.14	3.43	
Summary	54.40	185.1	95.0	28.2	12.4	28.51	46.14	70.78	

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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	1198.2	1080.8	1205.9	1209.0	1295.8	1290.0	1351.6	1354.7	1302.0	1322.1	1240.5	1232.3
45	1043.2	940.8	1050.9	1059.0	1140.8	1140.0	1196.6	1199.7	1152.0	1167.1	1090.5	1077.3
50	888.2	800.8	895.9	909.0	985.8	990.0	1041.6	1044.7	1002.0	1012.1	940.5	922.3
55	733.2	660.8	740.9	759.0	830.8	840.0	886.6	889.7	852.0	857.1	790.5	767.3
60	578.2	520.8	585.9	609.0	675.8	690.0	731.6	734.7	702.0	702.1	640.5	612.3
Growing Degree Units for Corn (Monthly)												
50/86	881.7	794.4	884.7	889.7	953.9	947.1	982.9	981.6	940.2	959.2	905.8	906.6

Growing Degree Units (Accumulated Monthly)												
40	1198	2279	3485	4694	5990	7280	8631	9986	11288	12610	13851	15083
45	1043	1984	3035	4094	5235	6375	7571	8771	9923	11090	12181	13258
50	888	1689	2585	3494	4480	5470	6511	7556	8558	9570	10511	11433
55	733	1394	2135	2894	3725	4565	5451	6341	7193	8050	8841	9608
60	578	1099	1685	2294	2970	3660	4391	5126	5828	6530	7171	7783
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	882	1676	2561	3450	4404	5352	6334	7316	8256	9215	10121	11028

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

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