

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 2330 ft. Lat: 18.1281° N Lon: 66.2642° W
Station: AIBONITO 1 S, PR RQ RQC00660158

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	73.8	61.9	67.8	1.4	0.9	1.0	398.4	336.4	243.9	96.9	5.2	0.4	0.0	0.0	0.5	8.5	0.0	0.0	31.0	0.0	0.0	0.0
02	74.5	61.5	68.0	2.0	1.2	1.3	364.0	308.0	224.2	91.5	5.7	0.5	0.0	0.0	0.2	7.5	0.0	0.0	28.0	0.0	0.0	0.0
03	75.8	61.7	68.8	1.7	1.4	1.4	426.3	364.3	271.4	120.3	12.7	1.4	0.0	0.0	0.2	4.0	0.0	0.0	31.0	0.0	0.0	0.0
04	77.9	63.4	70.7	1.2	1.1	1.0	469.5	409.5	319.5	170.8	40.0	10.1	0.0	0.0	0.0	1.3	0.0	0.0	30.0	0.0	0.0	0.0
05	79.6	65.8	72.7	1.6	1.0	0.9	548.7	486.7	393.7	238.7	89.9	40.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
06	81.4	67.5	74.4	1.4	0.8	1.0	583.5	523.5	433.5	283.5	136.9	80.3	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0
07	81.4	67.9	74.7	1.3	0.6	0.9	609.2	547.2	454.2	299.2	148.4	90.4	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
08	81.7	68.4	75.0	1.2	0.8	0.8	621.5	559.5	466.5	311.5	160.4	102.4	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
09	81.2	68.1	74.7	1.1	0.6	0.8	589.5	529.5	439.5	289.6	142.9	87.3	0.0	0.0	0.0	0.1	0.0	0.0	30.0	0.0	0.0	0.0
10	79.9	67.5	73.7	0.9	0.5	0.6	579.7	517.7	424.7	269.8	118.9	61.9	0.0	0.0	0.0	0.1	0.0	0.0	31.0	0.0	0.0	0.0
11	77.1	65.9	71.5	1.5	0.7	0.9	495.0	435.0	345.0	196.3	60.1	20.1	0.0	0.0	0.0	1.3	0.0	0.0	30.0	0.0	0.0	0.0
12	74.7	63.7	69.2	1.7	1.3	1.4	440.2	378.2	285.4	134.3	19.8	3.1	0.0	0.0	0.2	4.1	0.0	0.0	31.0	0.0	0.0	0.0
Summary	78.3	65.3	71.8	1.4	0.9	1.0	6126	5396	4302	2502	941	498	0	0	1	27	0.0	0.0	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	3.75	16.4	9.9	2.0	0.4	2.57	3.44	4.13	
02	3.00	13.7	7.8	1.3	0.4	1.73	2.77	3.81	
03	3.51	11.8	7.1	2.0	0.8	1.84	2.46	3.78	
04	4.43	12.0	7.9	3.0	1.2	2.69	3.88	5.16	
05	5.54	13.7	8.8	3.0	1.4	2.99	4.63	7.63	
06	3.13	11.3	6.1	1.6	0.8	1.43	2.68	4.05	
07	4.65	13.8	8.5	2.7	1.0	2.54	4.19	6.19	
08	5.54	14.4	8.6	2.9	1.5	3.15	4.98	6.21	
09	9.43	15.0	10.5	4.4	2.4	4.93	6.77	8.95	
10	7.95	16.0	10.7	4.1	2.2	3.86	6.34	11.12	
11	6.72	16.2	10.3	3.1	1.6	3.77	5.20	7.43	
12	4.14	16.6	9.4	2.1	0.7	2.57	3.46	4.78	
Summary	61.79	170.9	105.6	32.2	14.4	34.07	50.80	73.24	

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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	863.4	784.0	891.3	919.5	1013.7	1033.5	1074.2	1086.5	1039.5	1044.7	945.0	905.2
45	708.4	644.0	736.3	769.5	858.7	883.5	919.2	931.5	889.5	889.7	795.0	750.2
50	553.4	504.0	581.3	619.5	703.7	733.5	764.2	776.5	739.5	734.7	645.0	595.2
55	398.4	364.0	426.3	469.5	548.7	583.5	609.2	621.5	589.5	579.7	495.0	440.2
60	243.9	224.2	271.4	319.5	393.7	433.5	454.2	466.5	439.5	424.7	345.0	285.4
Growing Degree Units for Corn (Monthly)												
50/86	553.4	504.1	581.1	619.5	703.7	733.2	763.9	776.1	739.5	734.5	644.8	595.3

Growing Degree Units (Accumulated Monthly)												
40	863	1647	2539	3458	4472	5505	6580	7666	8706	9750	10695	11600
45	708	1352	2089	2858	3717	4600	5520	6451	7341	8230	9025	9776
50	553	1057	1639	2258	2962	3695	4460	5236	5976	6710	7355	7950
55	398	762	1189	1658	2207	2790	3400	4021	4611	5190	5685	6126
60	244	468	740	1059	1453	1886	2340	2807	3246	3671	4016	4302
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	553	1058	1639	2258	2962	3695	4459	5235	5974	6709	7354	7949

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

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