

Summary of Monthly Normals
1991-2020

Generated on 05/20/2024

Current Location: Elev: 92 ft. Lat: 18.3906° N Lon: 66.0542° W
Station: RIO PIEDRAS EXP STN, PR RQ RQC00668306

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	84.8	66.0	75.4	1.2	2.7	1.5	632.4	570.4	477.4	322.4	167.9	107.3	0.0	0.0	0.0	0.0	0.0	1.8	31.0	0.0	0.0	0.0
02	85.5	65.1	75.3	2.1	3.3	1.6	568.4	512.4	428.4	288.4	149.6	96.2	0.0	0.0	0.0	0.0	0.0	3.7	28.0	0.0	0.0	0.0
03	86.0	65.9	76.0	1.4	2.9	1.8	649.4	587.4	494.4	339.5	186.1	126.3	0.0	0.0	0.0	0.0	0.0	5.8	31.0	0.0	0.0	0.0
04	87.1	68.3	77.7	1.3	1.6	0.9	681.0	621.0	531.0	381.0	231.0	171.1	0.0	0.0	0.0	0.0	0.0	9.2	30.0	0.0	0.0	0.0
05	88.5	70.8	79.7	1.5	2.3	1.2	764.2	702.2	609.2	454.2	299.2	237.2	0.0	0.0	0.0	0.0	0.0	14.0	31.0	0.0	0.0	0.0
06	90.2	71.8	81.0	1.0	2.9	1.5	780.0	720.0	630.0	480.0	330.0	270.0	0.0	0.0	0.0	0.0	0.0	21.2	30.0	0.0	0.0	0.0
07	89.9	72.3	81.1	1.0	2.5	1.4	809.1	747.1	654.1	499.1	344.1	282.2	0.0	0.0	0.0	0.0	0.0	21.9	31.0	0.0	0.0	0.0
08	90.4	73.3	81.9	0.7	1.8	0.9	832.3	770.3	677.3	522.3	367.3	305.3	0.0	0.0	0.0	0.0	0.0	24.7	31.0	0.0	0.0	0.0
09	90.2	72.6	81.4	0.6	2.0	1.1	792.0	732.0	642.0	492.0	342.0	282.0	0.0	0.0	0.0	0.0	0.0	22.7	30.0	0.0	0.0	0.0
10	89.6	71.8	80.7	0.9	2.0	1.0	796.7	734.7	641.7	486.7	331.7	269.7	0.0	0.0	0.0	0.0	0.0	20.3	31.0	0.0	0.0	0.0
11	86.8	69.2	78.0	1.0	3.1	1.3	690.0	630.0	540.0	390.0	240.0	180.3	0.0	0.0	0.0	0.0	0.0	7.4	30.0	0.0	0.0	0.0
12	85.6	67.6	76.6	1.9	3.5	1.9	669.6	607.6	514.6	359.6	204.6	143.0	0.0	0.0	0.0	0.0	0.0	2.4	31.0	0.0	0.0	0.0
Summary	87.9	69.6	78.7	1.2	2.6	1.3	8665	7935	6840	5015	3194	2471	0	0	0	0	0.0	155.1	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	5.47							
02	3.42							
03	3.95							
04	5.55							
05	7.52							
06	4.59							
07	8.02							
08	6.92							
09	8.30							
10	7.04							
11	9.72							
12	5.39							
Summary	75.89	0.0	0.0	0.0	0.0	0.00	0.00	0.00

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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	1097.4	988.4	1114.4	1131.0	1229.2	1230.0	1274.1	1297.3	1242.0	1261.7	1140.0	1134.6
45	942.4	848.4	959.4	981.0	1074.2	1080.0	1119.1	1142.3	1092.0	1106.7	990.0	979.6
50	787.4	708.4	804.4	831.0	919.2	930.0	964.1	987.3	942.0	951.7	840.0	824.6
55	632.4	568.4	649.4	681.0	764.2	780.0	809.1	832.3	792.0	796.7	690.0	669.6
60	477.4	428.4	494.4	531.0	609.2	630.0	654.1	677.3	642.0	641.7	540.0	514.6
Growing Degree Units for Corn (Monthly)												
50/86	779.7	694.3	787.0	803.8	874.9	866.0	902.0	918.7	878.1	893.6	818.1	811.3

Growing Degree Units (Accumulated Monthly)												
40	1097	2086	3200	4331	5560	6790	8064	9362	10604	11866	13006	14140
45	942	1791	2750	3731	4805	5885	7004	8147	9239	10346	11336	12315
50	787	1496	2300	3131	4050	4980	5944	6932	7874	8826	9666	10490
55	632	1201	1850	2531	3295	4075	4884	5717	6509	7306	7996	8665
60	477	906	1400	1931	2540	3170	3824	4502	5144	5785	6325	6840
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	780	1474	2261	3065	3940	4806	5708	6626	7505	8398	9216	10028

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

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