

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 33 ft. Lat: 18.2550° N Lon: 65.6408° W
Station: ROOSEVELT ROADS, PR RQ RQW00011630

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	82.9	71.4	77.2	1.3	1.5	1.1	686.7	624.7	531.7	376.7	221.7	160.2	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
02	83.5	71.4	77.5	1.3	1.1	0.9	628.6	572.6	488.6	348.6	208.6	152.7	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0
03	84.2	71.9	78.1	1.3	1.6	1.3	714.6	652.6	559.6	404.6	249.6	187.7	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0
04	85.9	73.3	79.6	0.8	1.0	0.7	738.0	678.0	588.0	438.0	288.0	228.0	0.0	0.0	0.0	0.0	0.0	1.0	30.0	0.0	0.0	0.0
05	86.7	75.4	81.1	1.3	1.0	0.9	807.6	745.6	652.6	497.6	342.6	280.6	0.0	0.0	0.0	0.0	0.0	3.5	31.0	0.0	0.0	0.0
06	88.1	77.3	82.7	1.0	0.8	0.7	831.0	771.0	681.0	531.0	381.0	321.0	0.0	0.0	0.0	0.0	0.0	8.0	30.0	0.0	0.0	0.0
07	88.8	77.3	83.0	1.3	1.0	1.0	869.6	807.6	714.6	559.6	404.6	342.6	0.0	0.0	0.0	0.0	0.0	12.5	31.0	0.0	0.0	0.0
08	89.1	77.6	83.4	1.1	1.1	1.0	878.8	816.8	723.8	568.8	413.8	351.8	0.0	0.0	0.0	0.0	0.0	14.4	31.0	0.0	0.0	0.0
09	88.8	76.4	82.6	0.9	0.8	0.8	828.0	768.0	678.0	528.0	378.0	318.0	0.0	0.0	0.0	0.0	0.0	11.6	30.0	0.0	0.0	0.0
10	88.3	75.7	82.0	0.9	0.9	0.8	837.0	775.0	682.0	527.0	372.0	310.0	0.0	0.0	0.0	0.0	0.0	9.8	31.0	0.0	0.0	0.0
11	86.2	74.5	80.4	1.0	1.2	0.9	760.5	700.5	610.5	460.5	310.5	250.5	0.0	0.0	0.0	0.0	0.0	2.1	30.0	0.0	0.0	0.0
12	84.1	72.8	78.4	1.3	1.6	1.3	726.9	664.9	571.9	416.9	261.9	200.0	0.0	0.0	0.0	0.0	0.0	0.3	31.0	0.0	0.0	0.0
Summary	86.4	74.6	80.5	1.1	1.1	1.0	9307	8577	7482	5657	3832	3103	0	0	0	0	0.0	63.2	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	2.62	16.4	6.5	0.9	0.3	1.56	2.55	2.99	
02	1.97	13.2	4.4	0.7	0.2	1.05	1.81	2.54	
03	1.84	13.6	5.5	1.0	0.0	1.02	1.69	2.32	
04	2.99	13.0	6.3	1.8	0.7	1.41	2.72	3.82	
05	6.71	15.3	8.4	2.8	1.2	2.84	4.01	8.88	
06	3.90	15.4	7.4	1.5	0.5	2.50	3.61	4.76	
07	4.31	18.9	10.2	2.0	0.7	2.79	3.62	5.40	
08	4.32	18.1	8.9	2.2	0.7	3.40	4.09	5.04	
09	6.40	17.9	10.9	3.2	1.2	3.96	5.72	7.29	
10	5.75	17.7	10.1	2.5	1.0	3.87	5.19	7.07	
11	6.07	18.3	10.9	3.5	1.4	4.76	5.82	7.69	
12	3.99	18.1	8.3	1.8	0.5	2.90	3.57	4.83	
Summary	50.87	195.9	97.8	23.9	8.4	32.06	44.40	62.63	

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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	1151.7	1048.6	1179.6	1188.0	1272.6	1281.0	1334.6	1343.8	1278.0	1302.0	1210.5	1191.9
45	996.7	908.6	1024.6	1038.0	1117.6	1131.0	1179.6	1188.8	1128.0	1147.0	1060.5	1036.9
50	841.7	768.6	869.6	888.0	962.6	981.0	1024.6	1033.8	978.0	992.0	910.5	881.9
55	686.7	628.6	714.6	738.0	807.6	831.0	869.6	878.8	828.0	837.0	760.5	726.9
60	531.7	488.6	559.6	588.0	652.6	681.0	714.6	723.8	678.0	682.0	610.5	571.9
Growing Degree Units for Corn (Monthly)												
50/86	841.4	767.7	866.7	876.6	944.4	947.7	979.3	985.2	934.8	953.6	896.0	879.6

Growing Degree Units (Accumulated Monthly)												
40	1152	2200	3380	4568	5840	7122	8456	9800	11078	12380	13590	14782
45	997	1905	2930	3968	5086	6216	7396	8585	9713	10860	11920	12957
50	842	1610	2480	3368	4330	5312	6336	7370	8348	9340	10250	11132
55	687	1315	2030	2768	3576	4406	5276	6155	6983	7820	8580	9307
60	532	1020	1580	2168	2820	3502	4216	4940	5618	6300	6910	7482
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	841	1609	2476	3352	4297	5244	6224	7209	8144	9097	9993	10873

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