

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 1660 ft. Lat: 41.8981° N Lon: 78.7144° W
Station: **BRADFORD 4SW RSCH 5, PA US USC00360868**

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	30.6	12.9	21.7	4.6	5.9	5.1	0.0	0.0	0.0	0.0	0.0	0.0	1030.6	1092.6	1185.6	1340.6	0.0	0.0	1.8	18.0	29.0	5.7
02	33.2	13.1	23.2	5.0	6.0	5.4	0.1	0.1	0.0	0.0	0.0	0.0	891.8	947.8	1031.7	1171.7	0.0	0.0	2.5	13.9	26.8	5.1
03	42.2	20.7	31.5	5.1	4.2	4.5	2.6	1.6	0.4	0.0	0.0	0.0	732.6	793.5	885.4	1040.0	0.0	0.0	8.6	7.0	26.9	1.5
04	56.0	31.7	43.8	3.7	2.3	2.6	19.5	12.5	5.9	1.3	0.0	0.0	354.0	407.0	490.4	635.8	0.0	0.0	20.5	0.7	17.7	0.0
05	67.8	42.4	55.1	4.0	3.5	3.6	114.9	85.8	52.0	17.9	3.6	1.5	111.8	144.8	204.0	324.9	0.0	0.1	29.5	0.0	5.2	0.0
06	75.5	51.3	63.4	2.1	1.9	1.7	263.9	212.9	144.2	58.4	15.0	6.9	11.9	21.0	42.3	106.5	0.0	0.1	30.0	0.0	0.0	0.0
07	79.1	55.1	67.1	2.8	2.4	2.4	375.4	314.6	228.1	107.6	32.5	16.7	0.3	1.6	8.1	42.6	0.0	0.8	31.0	0.0	0.0	0.0
08	77.6	53.8	65.7	2.7	2.1	2.2	332.8	273.1	189.3	79.0	18.7	8.4	1.2	3.4	12.7	57.4	0.0	0.2	31.0	0.0	0.0	0.0
09	71.0	47.1	59.1	2.8	2.8	2.4	163.4	123.7	75.7	25.9	5.0	2.0	41.9	62.2	104.3	204.5	0.0	0.1	29.9	0.0	1.0	0.0
10	58.9	36.6	47.7	2.9	2.7	2.5	29.8	18.9	9.0	2.0	0.0	0.0	254.5	305.6	388.8	536.8	0.0	0.0	24.6	0.0	11.5	0.0
11	46.3	28.0	37.2	5.1	2.8	3.7	2.0	1.0	0.3	0.0	0.0	0.0	537.5	596.5	685.8	835.5	0.0	0.0	11.8	3.5	22.4	0.0
12	35.2	19.8	27.5	4.6	4.6	4.4	0.1	0.0	0.0	0.0	0.0	0.0	852.5	914.4	1007.4	1162.4	0.0	0.0	3.1	12.5	28.4	1.5
Summary	56.1	34.4	45.2	3.8	3.4	3.4	1304	1044	705	292	75	36	4821	5290	6046	7459	0.0	1.3	224.3	55.6	168.9	13.8

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	3.84	17.1	10.3	1.9	0.6	3.00	3.54	4.78	
02	2.84	13.0	8.1	1.6	0.2	2.06	2.51	3.50	
03	3.33	12.4	8.4	2.1	0.3	2.36	3.15	4.22	
04	4.20	12.8	9.7	3.1	0.6	3.33	3.96	5.05	
05	4.50	13.3	9.2	2.9	1.0	3.46	4.08	5.05	
06	4.79	13.2	9.3	3.1	1.1	3.50	4.67	6.24	
07	4.95	12.4	9.2	3.9	1.2	3.68	4.37	5.56	
08	4.56	11.4	7.7	2.9	1.1	3.28	4.15	5.97	
09	4.19	11.4	7.9	2.7	0.8	3.11	3.78	5.05	
10	4.38	14.2	9.9	3.2	0.7	3.55	4.42	5.00	
11	3.91	14.5	9.5	2.3	0.7	3.07	3.82	4.85	
12	4.08	16.4	10.8	2.6	0.4	2.96	4.04	4.95	
Summary	49.57	162.1	110.0	32.3	8.7	37.36	46.49	60.22	

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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	20.50	10.6	8.1	2.2	0.6	0.0	24.5	20.0	15.2	6.2	15.80	20.80	24.40
02	15.60	8.7	6.9	1.6	0.4	0.0	23.3	17.7	13.7	6.8	13.30	16.70	18.60
03	10.00	5.4	4.0	1.2	0.4	0.1	16.3	12.4	9.0	4.0	3.10	8.50	15.70
04	2.90	1.5	1.1	0.4	0.2	0.0	1.7	0.6	0.3	0.0	0.00	0.80	5.10
05	0.00	0.1	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	0.80	0.5	0.3	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.50
11	7.00	4.0	3.1	0.6	0.3	0.0	5.7	3.5	2.0	0.7	2.00	4.40	10.80
12	18.40	8.7	6.8	2.1	1.1	0.2	17.6	13.2	9.6	3.4	11.00	18.00	22.60
Summary	75.2	39.5	30.3	8.2	3.0	0.3	89.4	67.5	49.8	21.1	45.2	69.2	97.7

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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	7.2	6.3	45.7	184.7	471.7	701.9	840.0	796.6	571.7	263.0	75.4	13.8
45	2.3	1.5	19.6	102.8	330.2	552.2	685.0	641.6	424.0	152.2	31.9	4.4
50	0.5	0.4	7.1	49.6	209.2	404.5	530.0	486.7	284.3	75.0	9.8	0.9
55	0.0	0.1	2.6	19.5	114.9	263.9	375.4	332.8	163.4	29.8	2.0	0.1
60	0.0	0.0	0.4	5.9	52.0	144.2	228.1	189.3	75.7	9.0	0.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	4.1	5.9	37.7	132.1	296.1	440.2	539.6	501.9	346.6	162.4	49.0	6.9

Growing Degree Units (Accumulated Monthly)												
40	7	14	59	244	716	1418	2258	3054	3626	3889	3964	3978
45	2	4	23	126	456	1009	1694	2335	2759	2911	2943	2948
50	0	1	8	58	267	671	1201	1688	1972	2047	2057	2058
55	0	0	3	22	137	401	776	1109	1273	1302	1304	1304
60	0	0	0	6	58	202	431	620	696	705	705	705
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	4	10	48	180	476	916	1456	1958	2304	2467	2516	2522

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