

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 1818 ft. Lat: 41.7003° N Lon: 77.3872° W

Station: **WELLSBORO 4 SW, PA US USC00369408**

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	30.1	14.1	22.1	4.4	5.4	4.8	0.0	0.0	0.0	0.0	0.0	0.0	1019.7	1081.7	1174.6	1329.7	0.0	0.0	1.5	18.3	29.4	4.8
02	33.0	14.6	23.8	4.8	5.4	5.0	0.1	0.0	0.0	0.0	0.0	0.0	873.6	929.6	1013.5	1153.6	0.0	0.0	1.8	13.7	26.5	2.5
03	41.6	21.8	31.7	5.0	4.1	4.4	2.3	1.3	0.4	0.0	0.0	0.0	724.5	785.5	877.5	1032.2	0.0	0.0	7.4	6.2	26.3	1.1
04	55.2	32.7	43.9	3.5	2.3	2.7	22.7	15.3	8.2	2.4	0.2	0.0	354.2	406.8	489.7	633.8	0.0	0.0	19.8	0.4	15.7	0.0
05	67.0	43.4	55.2	3.7	3.3	3.4	109.7	81.5	48.9	16.0	2.5	0.7	103.6	137.3	197.8	319.9	0.0	0.0	29.3	0.0	3.0	0.0
06	74.6	52.4	63.5	2.5	1.4	1.7	265.8	213.6	144.9	58.5	14.1	6.2	10.9	18.7	40.0	103.6	0.0	0.2	30.0	0.0	0.0	0.0
07	78.9	56.7	67.8	3.2	2.3	2.5	396.7	335.2	246.0	118.4	36.4	18.3	0.0	0.5	4.4	31.7	0.0	1.1	31.0	0.0	0.0	0.0
08	77.4	54.7	66.1	2.8	2.3	2.2	343.2	282.8	197.3	82.8	19.7	9.1	0.7	2.4	9.9	50.3	0.0	0.4	31.0	0.0	0.0	0.0
09	70.4	47.6	59.0	2.7	2.5	2.1	161.7	122.6	75.0	25.1	5.2	2.1	41.9	62.7	105.2	205.2	0.0	0.1	30.0	0.0	0.5	0.0
10	58.5	37.3	47.9	2.7	2.9	2.5	31.6	20.2	10.0	2.6	0.2	0.0	251.6	302.2	385.1	532.7	0.0	0.0	24.5	0.1	9.8	0.0
11	45.7	28.7	37.2	4.6	2.7	3.6	2.3	1.1	0.3	0.0	0.0	0.0	536.2	595.0	684.3	834.0	0.0	0.0	11.9	2.8	20.1	0.0
12	34.8	20.9	27.9	4.3	4.4	4.3	0.1	0.0	0.0	0.0	0.0	0.0	841.7	903.6	996.5	1151.6	0.0	0.0	2.8	13.7	27.9	0.6
Summary	55.6	35.4	45.5	3.7	3.2	3.3	1336	1074	731	306	78	36	4759	5226	5978	7378	0.0	1.8	221.0	55.2	159.2	9.0

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	2.99	14.8	6.6	1.5	0.5	1.98	2.94	3.58	
02	2.48	11.9	6.2	1.6	0.2	1.59	2.32	2.84	
03	3.25	12.6	6.8	2.0	0.7	2.38	2.96	3.79	
04	3.56	13.4	8.3	2.4	0.5	2.47	3.16	4.12	
05	3.65	14.5	8.4	2.1	0.7	2.35	2.93	5.01	
06	4.29	13.1	8.5	2.9	1.0	3.35	4.19	5.66	
07	4.14	12.3	7.7	2.9	0.8	2.24	3.84	5.09	
08	3.67	11.9	7.2	2.4	0.8	2.59	3.69	4.16	
09	4.17	10.9	6.7	2.5	1.2	2.25	3.37	5.65	
10	3.64	13.7	7.4	2.4	0.6	2.30	3.35	4.98	
11	3.17	11.6	6.0	1.9	0.7	2.08	3.11	4.10	
12	3.26	13.6	6.9	2.1	0.5	2.31	3.31	3.76	
Summary	42.27	154.3	86.7	26.7	8.2	27.89	39.17	52.74	

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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	13.20	10.9	4.6	0.9	0.4	0.0	20.4	11.6	7.3	1.8	8.00	11.30	17.30
02	14.10	9.2	4.9	1.4	0.7	0.1	19.5	14.3	11.7	7.2	8.40	15.30	18.20
03	12.50	5.9	3.1	1.1	0.7	0.2	13.0	9.8	7.9	3.8	3.80	8.10	13.00
04	3.20	1.9	1.1	0.4	0.0	0.0	1.8	0.7	0.2	0.0	0.30	2.00	5.80
05	0.10	0.1	0.1	0.0	0.0	0.0	0.1	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	0.2	0.1	0.1	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.40
11	4.00	3.1	1.4	0.2	0.1	0.0	3.4	1.0	0.6	0.2	0.40	2.10	6.00
12	12.70	8.2	3.7	0.9	0.6	0.0	14.8	8.3	5.0	0.7	6.60	11.70	18.80
Summary	60.6	39.8	19.1	5.0	2.6	0.3	73.3	45.8	32.7	13.7	27.5	50.5	79.5

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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	5.0	6.6	42.2	183.4	474.0	705.0	861.7	807.5	570.2	266.2	76.2	13.8
45	1.4	1.8	18.6	103.4	328.5	555.1	706.7	652.4	422.4	156.1	32.0	3.9
50	0.2	0.4	7.2	51.6	203.5	406.9	551.7	497.5	281.6	78.8	10.2	0.9
55	0.0	0.1	2.3	22.7	109.7	265.8	396.7	343.2	161.7	31.6	2.3	0.1
60	0.0	0.0	0.4	8.2	48.9	144.9	246.0	197.3	75.0	10.0	0.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	2.5	4.8	31.5	123.2	284.5	432.3	554.6	508.6	341.3	154.2	41.7	5.3

Growing Degree Units (Accumulated Monthly)												
40	5	12	54	237	711	1416	2278	3085	3656	3922	3998	4012
45	1	3	22	125	454	1009	1716	2368	2790	2946	2978	2982
50	0	1	8	59	263	670	1222	1719	2001	2079	2090	2090
55	0	0	2	25	135	401	797	1140	1302	1334	1336	1336
60	0	0	0	9	58	202	448	646	721	731	731	731
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	7	39	162	446	879	1433	1942	2283	2438	2479	2484

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