

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 575 ft. Lat: 40.8533° N Lon: 76.7892° W
Station: **SUNBURY, PA US USC00368668**

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	35.3	18.9	27.1	4.4	4.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	864.5	926.5	1019.6	1174.6	0.0	0.0	3.0	11.4	27.5	1.3
02	39.0	20.6	29.8	4.9	5.1	4.8	0.4	0.2	0.1	0.0	0.0	0.0	705.9	761.7	845.6	985.6	0.0	0.0	4.0	8.2	25.7	1.0
03	47.7	27.4	37.6	4.6	3.5	3.9	5.0	2.4	0.7	0.0	0.0	0.0	545.8	605.2	696.5	850.9	0.0	0.0	12.3	2.1	22.3	0.0
04	61.1	37.2	49.2	2.9	2.1	2.3	45.0	30.5	16.1	4.6	0.6	0.1	220.6	266.1	341.6	480.2	0.0	0.1	24.7	0.0	8.9	0.0
05	71.7	47.2	59.5	3.3	4.2	3.6	180.9	140.8	90.8	33.4	6.9	3.3	43.0	64.9	107.8	205.5	0.0	0.6	30.7	0.0	1.0	0.0
06	79.8	56.8	68.3	1.9	1.4	1.4	400.5	342.1	258.4	136.5	50.1	28.1	1.6	3.2	9.5	37.6	0.0	2.6	30.0	0.0	0.0	0.0
07	84.4	60.3	72.4	3.3	2.7	2.8	537.7	475.8	383.2	235.5	110.0	71.0	0.0	0.1	0.4	7.7	0.1	7.9	31.0	0.0	0.0	0.0
08	82.2	59.2	70.7	2.5	2.3	2.2	486.6	424.9	333.0	188.2	74.8	43.4	0.1	0.4	1.4	11.6	0.0	3.0	31.0	0.0	0.0	0.0
09	75.1	51.2	63.1	3.1	2.6	2.4	258.1	208.6	143.2	64.1	21.7	12.0	13.7	24.2	48.8	119.7	0.0	1.6	30.0	0.0	0.1	0.0
10	63.6	40.4	52.0	3.0	3.1	2.7	63.4	43.8	23.1	7.1	0.7	0.0	156.4	198.7	271.1	410.1	0.0	0.1	28.9	0.0	5.0	0.0
11	50.8	31.8	41.3	4.2	2.1	3.0	4.0	1.7	0.2	0.0	0.0	0.0	415.0	472.7	561.2	711.0	0.0	0.0	16.4	0.9	18.5	0.0
12	40.1	24.6	32.3	4.0	3.9	3.8	0.5	0.1	0.0	0.0	0.0	0.0	702.6	764.2	857.1	1012.1	0.0	0.0	4.5	5.7	25.2	0.1
Summary	60.9	39.6	50.3	3.5	3.2	3.1	1982	1671	1249	669	265	158	3669	4088	4761	6007	0.1	15.9	246.5	28.3	134.2	2.4

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	2.98	10.0	5.9	1.8	0.5	2.12	2.64	3.87
02	2.30	8.9	5.4	1.7	0.2	1.51	1.80	2.66
03	3.33	9.8	6.3	1.7	0.7	2.14	3.26	4.31
04	3.74	12.1	7.6	2.4	0.6	2.53	3.16	4.36
05	3.77	13.5	8.3	2.8	0.6	2.68	3.47	4.89
06	4.38	12.4	8.0	3.3	1.1	3.07	3.99	5.24
07	4.32	10.6	7.8	2.9	1.2	2.87	3.70	5.09
08	3.93	11.0	7.1	2.6	1.3	2.39	3.63	5.81
09	4.52	9.1	6.3	2.9	1.4	1.75	3.56	5.72
10	3.92	10.8	7.2	2.9	1.2	2.74	4.08	4.77
11	3.16	8.8	5.7	2.0	0.6	1.83	3.17	4.13
12	3.34	10.0	6.7	2.6	0.8	2.48	3.22	3.96
Summary	43.69	127.0	82.3	29.6	10.2	28.11	39.68	54.81

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	7.60	4.4	2.6	0.9	0.4	0.0	13.2	5.7	2.4	0.2	4.50	8.10	9.90
02	8.60	4.2	2.5	0.9	0.4	0.0	13.7	9.1	5.9	1.3	4.00	7.00	10.30
03	5.20	1.9	1.5	0.6	0.5	0.0	5.1	2.7	1.5	0.2	0.00	4.40	9.40
04	0.60	0.4	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.60
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	0.20	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	1.50	0.7	0.3	0.1	0.1	0.0	0.8	0.3	0.1	0.0	0.00	0.00	1.70
12	4.90	2.4	1.4	0.6	0.2	0.0	6.9	4.0	1.6	0.2	0.10	3.50	7.80
Summary	28.6	14.1	8.6	3.1	1.6	0.0	40.0	21.8	11.5	1.9	8.6	23.0	39.7

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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	10.3	17.9	83.2	294.3	602.9	848.9	1002.7	951.6	694.4	376.3	116.3	25.3
45	2.5	6.6	39.9	182.6	449.4	698.9	847.7	796.6	544.5	242.2	52.8	8.5
50	0.7	2.1	16.5	98.4	303.8	549.2	692.7	641.6	396.5	136.2	19.0	2.2
55	0.0	0.4	5.0	45.0	180.9	400.5	537.7	486.6	258.1	63.4	4.0	0.5
60	0.0	0.1	0.7	16.1	90.8	258.4	383.2	333.0	143.2	23.1	0.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	6.5	14.2	56.7	185.4	369.5	550.1	672.5	633.6	432.8	226.7	67.1	12.1

Growing Degree Units (Accumulated Monthly)												
40	10	28	111	406	1009	1858	2860	3812	4506	4882	4999	5024
45	2	9	49	232	681	1380	2228	3024	3569	3811	3864	3872
50	1	3	19	118	422	971	1663	2305	2702	2838	2857	2859
55	0	0	5	50	231	632	1170	1656	1914	1978	1982	1982
60	0	0	1	17	108	366	749	1082	1226	1249	1249	1249
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	6	21	77	263	632	1182	1855	2488	2921	3148	3215	3227

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