

Summary of Monthly Normals
1991-2020

Generated on 05/20/2024

Current Location: Elev: 1260 ft. Lat: 41.0561° N Lon: 80.0594° W
Station: **SLIPPERY ROCK 1 SSW, PA US USC00368184**

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	33.4	16.8	25.1	4.6	5.7	5.1	0.2	0.0	0.0	0.0	0.0	0.0	926.8	988.6	1081.6	1236.7	0.0	0.0	4.2	12.4	27.4	3.2
02	36.7	18.0	27.4	4.8	5.8	5.2	0.3	0.1	0.0	0.0	0.0	0.0	774.3	830.2	914.0	1054.1	0.0	0.0	5.0	7.5	24.8	2.3
03	45.7	25.3	35.5	4.9	3.9	4.2	5.5	3.2	1.4	0.1	0.0	0.0	609.9	669.6	760.8	914.6	0.0	0.0	13.0	3.0	23.2	0.4
04	58.6	34.7	46.7	3.2	2.4	2.5	30.6	20.1	10.0	2.1	0.0	0.0	281.2	330.6	410.5	552.6	0.0	0.0	24.8	0.1	12.4	0.0
05	69.3	44.9	57.1	4.3	4.0	4.0	146.0	112.0	70.6	26.7	5.7	2.2	81.0	109.0	160.6	271.7	0.0	0.6	30.6	0.0	3.2	0.0
06	76.9	53.6	65.3	2.1	2.1	1.8	315.5	261.0	185.6	85.3	25.4	12.6	8.1	13.6	28.2	77.9	0.0	2.2	30.0	0.0	0.0	0.0
07	81.3	58.0	69.7	2.8	2.4	2.4	454.1	392.2	300.6	161.2	60.3	33.9	0.1	0.3	1.6	17.2	0.1	5.5	31.0	0.0	0.0	0.0
08	80.0	56.4	68.2	2.6	2.4	2.4	409.5	348.1	258.5	128.0	41.9	22.9	0.4	1.0	4.4	28.8	0.0	3.8	31.0	0.0	0.0	0.0
09	73.7	49.8	61.8	3.0	2.8	2.4	225.6	178.3	117.1	45.2	11.4	5.6	23.3	36.0	64.8	142.8	0.0	1.0	30.0	0.0	0.3	0.0
10	61.5	39.4	50.5	2.7	2.7	2.4	53.4	37.1	19.4	5.2	0.6	0.2	194.4	240.1	315.5	456.3	0.0	0.1	27.7	0.0	7.3	0.0
11	48.9	30.6	39.7	4.5	2.6	3.3	4.4	2.2	0.5	0.0	0.0	0.0	461.9	519.7	608.0	757.5	0.0	0.0	16.3	1.2	18.1	0.0
12	38.1	23.2	30.6	4.6	4.3	4.4	0.5	0.2	0.1	0.0	0.0	0.0	755.3	817.0	909.8	1064.8	0.0	0.0	6.1	7.0	25.3	0.5
Summary	58.7	37.6	48.1	3.7	3.4	3.3	1646	1354	964	454	145	77	4117	4556	5260	6575	0.1	13.2	249.7	31.2	142.0	6.4

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	3.47	17.2	8.2	1.9	0.5	2.48	3.27	4.02
02	2.69	13.6	7.2	1.8	0.2	1.91	2.39	3.02
03	3.41	13.1	7.8	2.4	0.7	2.44	3.07	4.11
04	3.94	14.2	8.7	2.6	0.8	2.97	3.55	4.80
05	4.14	15.0	9.3	2.9	0.7	2.91	4.01	5.43
06	4.76	14.1	8.9	3.4	1.1	3.19	4.69	6.20
07	4.63	12.6	8.7	3.2	1.1	3.71	4.61	5.14
08	4.02	11.3	7.1	2.6	1.0	2.66	4.17	4.86
09	4.07	11.2	7.0	2.6	1.0	2.54	3.56	5.51
10	3.45	13.5	7.8	2.2	0.5	2.87	3.41	4.15
11	3.47	13.2	7.6	2.1	0.7	2.06	3.52	4.64
12	3.19	15.2	7.7	1.8	0.5	2.43	2.94	3.72
Summary	45.24	164.2	96.0	29.5	8.8	32.17	43.19	55.60

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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	15.1	17.2	79.1	242.7	531.7	757.4	919.0	874.1	652.4	334.3	107.6	28.3
45	5.0	5.8	40.5	143.8	385.0	607.7	764.0	719.1	503.2	207.9	49.9	10.4
50	1.5	1.5	16.9	72.9	252.9	459.1	609.0	564.1	358.4	114.6	18.6	3.0
55	0.2	0.3	5.5	30.6	146.0	315.5	454.1	409.5	225.6	53.4	4.4	0.5
60	0.0	0.0	1.4	10.0	70.6	185.6	300.6	258.5	117.1	19.4	0.5	0.1
Growing Degree Units for Corn (Monthly)												
50/86	6.6	11.2	54.1	158.0	326.6	480.4	604.6	565.7	401.6	200.6	63.9	12.4

Growing Degree Units (Accumulated Monthly)												
40	15	32	111	354	886	1643	2562	3436	4089	4423	4531	4559
45	5	11	51	195	580	1188	1952	2671	3174	3382	3432	3442
50	2	3	20	93	346	805	1414	1978	2336	2451	2470	2472
55	0	0	6	37	183	498	952	1362	1587	1641	1645	1646
60	0	0	1	11	82	268	568	827	944	963	964	964
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	7	18	72	230	556	1037	1642	2207	2609	2809	2873	2886

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