

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 1280 ft. Lat: 40.9247° N Lon: 79.2825° W

Station: PUTNEYVILLE 2 SE DAM, PA US USC00367229

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	34.6	17.0	25.8	4.9	5.2	5.0	0.3	0.1	0.0	0.0	0.0	0.0	905.2	967.0	1060.0	1215.0	0.0	0.0	4.0	14.3	28.2	3.1
02	37.6	17.6	27.6	5.2	5.9	5.4	0.4	0.2	0.0	0.0	0.0	0.0	767.4	823.2	907.1	1047.1	0.0	0.0	4.5	10.1	25.7	2.7
03	46.9	24.4	35.7	5.1	3.9	4.4	5.8	3.3	1.3	0.1	0.0	0.0	605.5	665.0	756.0	909.9	0.0	0.0	10.9	3.7	24.8	0.6
04	61.0	34.6	47.8	3.3	2.1	2.4	39.3	26.5	13.8	3.4	0.3	0.1	255.3	302.5	379.9	519.4	0.0	0.0	24.3	0.1	14.0	0.0
05	70.8	45.2	58.0	3.8	4.0	3.6	161.4	125.0	80.1	30.8	7.8	3.8	68.5	94.1	142.2	247.8	0.0	0.2	30.4	0.0	2.8	0.0
06	78.3	54.3	66.3	2.1	2.1	1.7	344.1	287.9	209.1	101.6	33.9	18.2	5.3	9.0	20.3	62.7	0.0	0.8	30.0	0.0	0.1	0.0
07	82.2	58.1	70.1	2.7	2.1	2.2	469.7	407.8	315.9	174.4	68.1	40.2	0.1	0.3	1.3	14.8	0.0	2.9	31.0	0.0	0.0	0.0
08	81.1	56.9	69.0	2.9	2.4	2.5	434.4	373.1	283.0	148.1	53.8	30.8	0.6	1.2	4.2	24.2	0.0	2.0	31.0	0.0	0.0	0.0
09	74.4	49.8	62.1	2.8	2.5	2.0	233.9	186.4	124.5	50.8	13.9	7.0	21.0	33.5	61.6	137.9	0.0	0.8	30.0	0.0	0.5	0.0
10	62.4	39.1	50.8	2.9	2.7	2.5	56.5	39.4	20.7	5.9	1.0	0.3	188.2	233.1	307.4	447.6	0.0	0.0	27.4	0.0	8.8	0.0
11	49.8	30.3	40.1	4.9	2.5	3.5	5.0	2.5	0.8	0.0	0.0	0.0	453.5	510.9	599.2	748.5	0.0	0.0	14.8	1.4	19.7	0.0
12	39.4	23.1	31.2	4.5	4.1	4.2	1.1	0.7	0.2	0.0	0.0	0.0	737.2	798.8	891.4	1046.2	0.0	0.0	5.3	8.0	27.1	0.3
Summary	59.9	37.5	48.7	3.8	3.3	3.3	1752	1453	1049	515	179	100	4008	4439	5131	6421	0.0	6.7	243.6	37.6	151.7	6.7

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	3.37	14.6	8.7	2.2	0.6	2.25	3.19	3.98
02	2.86	11.6	7.0	1.8	0.2	1.91	2.25	3.22
03	3.55	13.3	8.2	2.6	0.7	2.35	3.17	4.78
04	4.08	14.0	8.9	2.8	0.6	3.20	3.81	4.91
05	4.06	13.9	9.0	3.0	0.6	2.76	4.28	4.93
06	4.75	12.9	9.2	3.6	1.3	2.67	4.71	6.21
07	4.74	11.5	8.4	3.0	1.0	2.81	3.76	6.08
08	3.81	10.9	7.5	3.0	1.2	2.76	3.59	4.98
09	4.09	9.9	6.8	2.5	1.1	2.00	3.28	5.16
10	3.29	11.4	7.0	2.3	0.7	2.51	3.35	3.91
11	3.64	11.8	7.7	2.4	0.8	2.69	3.73	4.42
12	3.49	13.6	7.9	2.2	0.7	2.47	3.52	4.15
Summary	45.73	149.4	96.3	31.4	9.5	30.38	42.64	56.73

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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	12.40	6.1	4.3	1.0	0.5	0.0					5.30	9.50	17.80
02	5.10	4.4	3.3	0.9	0.3	0.0					3.40	4.80	6.50
03	5.90	2.5	1.6	0.7	0.2	0.0					1.20	4.30	6.60
04	0.30	0.4	0.1	0.0	0.0	0.0					0.00	0.00	0.50
05	0.00	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					0.00	0.00	0.00
07	0.00	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					0.00	0.00	0.00
09	0.00	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					0.00	0.00	0.00
11	1.70	1.2	0.7	0.2	0.0	0.0					0.00	0.00	1.60
12	9.10	3.3	2.2	0.6	0.4	0.1					2.50	7.70	12.10
Summary	34.5	17.9	12.2	3.4	1.4	0.1	0.0	0.0	0.0	0.0	12.4	26.3	45.1

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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	16.6	19.0	79.8	268.7	559.1	788.9	934.6	898.9	663.0	342.2	109.7	28.0
45	5.7	6.4	41.1	165.0	410.0	639.0	779.6	743.9	513.7	214.1	51.8	10.9
50	1.9	2.1	17.9	88.3	273.4	489.9	624.6	588.9	367.9	119.2	19.3	3.9
55	0.3	0.4	5.8	39.3	161.4	344.1	469.7	434.4	233.9	56.5	5.0	1.1
60	0.0	0.0	1.3	13.8	80.1	209.1	315.9	283.0	124.5	20.7	0.8	0.2
Growing Degree Units for Corn (Monthly)												
50/86	10.4	14.6	61.9	186.8	349.9	506.1	616.6	587.4	410.8	209.5	69.6	16.0

Growing Degree Units (Accumulated Monthly)												
40	17	36	115	384	943	1732	2667	3566	4229	4571	4680	4708
45	6	12	53	218	628	1267	2047	2791	3304	3519	3570	3581
50	2	4	22	110	384	874	1498	2087	2455	2574	2593	2597
55	0	1	6	46	207	551	1021	1455	1689	1746	1751	1752
60	0	0	1	15	95	304	620	903	1028	1048	1049	1049
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	10	25	87	274	624	1130	1746	2334	2745	2954	3024	3040

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