

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 720 ft. Lat: 39.9347° N Lon: 77.2547° W

Station: BIGLERVILLE, PA US USC00360656

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	38.1	21.6	29.8	4.4	4.7	4.5	0.5	0.2	0.0	0.0	0.0	0.0	780.1	841.7	934.5	1089.5	0.0	0.0	4.5	9.5	26.4	0.7
02	41.0	23.2	32.1	5.0	4.4	4.6	0.7	0.3	0.0	0.0	0.0	0.0	641.9	697.4	781.1	921.1	0.0	0.0	5.8	5.9	24.4	0.4
03	49.5	30.3	39.9	4.6	3.6	4.0	10.2	6.6	2.9	0.6	0.1	0.0	478.2	536.6	626.0	778.6	0.0	0.0	14.1	1.8	19.5	0.1
04	62.2	40.7	51.5	2.7	2.4	2.4	67.0	48.4	27.9	9.4	2.2	0.9	173.4	214.9	284.4	416.0	0.0	0.1	25.7	0.0	4.8	0.0
05	71.9	51.1	61.5	3.6	3.4	3.3	228.7	183.6	126.2	57.9	20.2	11.6	27.2	44.1	79.7	166.4	0.0	0.9	30.8	0.0	0.2	0.0
06	80.9	60.1	70.5	2.5	1.6	1.9	466.2	407.5	321.5	190.7	88.6	58.1	1.2	2.6	6.6	25.8	0.0	3.8	30.0	0.0	0.0	0.0
07	85.5	64.9	75.2	2.7	2.3	2.4	626.2	564.1	471.1	317.4	175.5	127.2	0.0	0.0	0.0	1.3	0.1	8.7	31.0	0.0	0.0	0.0
08	83.8	63.1	73.4	2.4	2.1	2.1	571.9	509.9	417.2	266.2	133.7	91.2	0.0	0.1	0.3	4.3	0.0	5.1	31.0	0.0	0.0	0.0
09	76.8	55.7	66.3	2.7	2.4	2.2	344.9	290.0	213.5	109.2	40.2	24.0	7.4	12.6	26.0	71.8	0.0	1.9	30.0	0.0	0.0	0.0
10	64.9	44.1	54.5	2.7	2.7	2.5	96.4	70.3	41.0	14.5	3.9	1.8	111.9	147.8	211.4	339.9	0.0	0.1	29.5	0.0	2.6	0.0
11	53.0	34.5	43.7	4.2	2.9	3.4	11.0	5.9	2.0	0.2	0.0	0.0	348.5	403.4	489.5	637.7	0.0	0.0	18.2	0.4	13.4	0.0
12	42.5	26.8	34.7	4.5	4.0	4.2	1.9	0.9	0.2	0.0	0.0	0.0	632.7	693.7	786.0	940.8	0.0	0.0	7.1	4.4	24.1	0.0
Summary	62.5	43.0	52.8	3.5	3.0	3.1	2426	2088	1624	966	464	315	3202	3595	4226	5393	0.1	20.6	257.7	22.0	115.4	1.2

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	10.3	6.6	2.4	0.8	2.31	2.80	4.36
02	2.61	9.1	5.4	1.9	0.6	1.68	2.35	3.52
03	3.62	10.0	6.6	2.3	0.9	2.25	3.82	4.71
04	3.91	11.8	7.0	2.3	0.9	2.39	3.63	4.41
05	4.42	13.3	8.2	2.9	1.3	2.91	4.62	5.88
06	4.16	10.8	7.2	2.7	1.0	2.46	3.12	4.64
07	3.64	10.7	6.6	2.3	0.9	2.08	3.69	4.52
08	3.70	9.4	6.1	2.2	1.1	2.72	3.85	4.77
09	5.24	9.5	6.4	3.2	1.7	2.54	4.52	7.93
10	3.90	9.4	6.1	2.5	1.0	2.23	3.64	5.86
11	3.21	8.7	5.2	2.2	0.8	2.09	2.75	4.32
12	3.44	9.9	5.9	2.4	0.9	2.50	3.35	3.92
Summary	45.32	122.9	77.3	29.3	11.9	28.16	42.14	58.84

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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	8.70	3.9	2.8	1.2	0.3	0.2	10.7	5.3	2.6	0.9	3.50	5.90	10.50
02	8.70	3.6	2.4	1.1	0.6	0.1	10.9	6.4	4.3	1.9	3.10	5.70	9.40
03	5.10	2.1	1.4	0.7	0.3	0.0	5.5	3.5	1.9	0.6	0.40	2.10	10.70
04	0.30	0.3	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
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	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	0.40	0.2	0.2	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.00	0.00	0.00
12	3.60	1.9	1.3	0.5	0.2	0.0	4.3	2.3	0.9	0.0	0.00	0.80	4.60
Summary	27.0	12.0	8.2	3.5	1.4	0.3	32.1	17.5	9.7	3.4	7.0	14.5	35.2

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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	23.8	27.7	118.1	354.6	666.5	914.9	1091.1	1036.8	787.4	451.8	170.3	43.8
45	8.9	10.0	59.9	230.3	512.1	764.9	936.1	881.8	637.6	308.2	87.6	17.5
50	2.4	2.9	26.1	133.0	362.6	615.0	781.1	726.9	488.9	185.7	36.7	6.2
55	0.5	0.7	10.2	67.0	228.7	466.2	626.2	571.9	344.9	96.4	11.0	1.9
60	0.0	0.0	2.9	27.9	126.2	321.5	471.1	417.2	213.5	41.0	2.0	0.2
Growing Degree Units for Corn (Monthly)												
50/86	13.1	19.4	71.3	202.8	394.0	604.1	748.2	704.0	498.2	256.2	89.6	21.9

Growing Degree Units (Accumulated Monthly)												
40	24	52	170	524	1191	2106	3197	4234	5021	5473	5643	5687
45	9	19	79	309	821	1586	2522	3404	4042	4350	4437	4455
50	2	5	31	164	527	1142	1923	2650	3139	3325	3361	3367
55	0	1	11	78	307	773	1400	1971	2316	2413	2424	2426
60	0	0	3	31	157	478	950	1367	1580	1621	1623	1624
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	13	32	104	307	701	1305	2053	2757	3255	3511	3601	3623

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