

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 940 ft. Lat: 39.8986° N Lon: 80.1656° W
Station: **WAYNESBURG 1 E, PA US USC00369367**

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	38.5	19.4	29.0	4.7	5.1	4.8	0.8	0.2	0.0	0.0	0.0	0.0	808.2	869.5	962.3	1117.4	0.0	0.0	6.5	10.4	26.6	2.3
02	41.6	20.8	31.2	5.2	5.0	5.0	1.3	0.7	0.2	0.0	0.0	0.0	667.7	723.0	806.5	946.4	0.0	0.0	7.4	7.1	24.8	1.4
03	50.9	27.2	39.1	4.8	3.4	4.0	10.6	6.6	2.9	0.3	0.0	0.0	505.0	563.0	652.3	804.8	0.0	0.0	16.0	2.2	22.4	0.2
04	63.8	36.4	50.1	3.1	2.2	2.5	57.3	39.9	20.8	4.7	0.4	0.0	204.3	246.9	317.9	451.7	0.0	0.0	25.9	0.0	11.4	0.0
05	72.8	46.9	59.9	3.7	3.8	3.6	195.8	154.6	102.1	40.9	8.9	3.5	45.4	66.3	106.7	200.6	0.0	0.2	30.8	0.0	1.5	0.0
06	79.8	56.0	67.9	2.1	1.9	1.7	389.4	331.9	248.8	129.7	45.6	24.7	2.5	4.9	11.9	42.8	0.0	1.3	30.0	0.0	0.0	0.0
07	83.4	60.4	71.9	2.6	2.2	2.2	523.8	461.8	369.1	220.0	96.6	59.9	0.0	0.0	0.3	6.2	0.0	4.2	31.0	0.0	0.0	0.0
08	82.4	58.8	70.6	2.5	2.4	2.3	483.5	421.6	329.4	184.4	73.8	43.9	0.0	0.1	0.9	10.8	0.0	2.9	31.0	0.0	0.0	0.0
09	76.8	51.4	64.1	2.8	2.7	2.2	286.4	234.3	164.2	74.2	23.1	12.2	13.5	21.5	41.4	101.2	0.0	1.3	30.0	0.0	0.1	0.0
10	65.2	39.6	52.4	2.6	2.9	2.2	74.1	53.0	29.5	8.6	1.2	0.4	154.6	195.6	265.0	399.2	0.0	0.1	28.5	0.0	6.9	0.0
11	53.1	30.3	41.7	4.9	2.9	3.6	8.7	5.1	2.0	0.1	0.0	0.0	407.7	464.1	550.9	699.0	0.0	0.0	18.2	0.9	19.1	0.0
12	42.8	24.7	33.7	5.1	3.8	4.3	2.0	1.0	0.3	0.0	0.0	0.0	660.7	721.7	814.0	968.7	0.0	0.0	8.4	6.4	25.0	0.2
Summary	62.6	39.3	51.0	3.7	3.2	3.2	2034	1711	1269	663	250	145	3470	3877	4530	5749	0.0	10.0	263.7	27.0	137.8	4.1

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	3.42	15.2	7.5	2.1	0.8	2.38	3.08	3.72
02	2.84	13.1	6.8	1.7	0.4	1.80	2.35	3.84
03	3.74	13.1	7.5	2.7	0.6	2.61	3.74	4.67
04	3.38	13.5	8.5	2.2	0.3	2.57	3.23	3.94
05	4.34	14.4	9.5	3.2	0.6	3.38	4.45	5.33
06	4.17	13.1	8.7	2.8	0.9	2.21	3.94	5.94
07	4.31	11.4	7.5	3.2	1.1	2.24	4.22	5.66
08	3.88	11.0	6.4	2.6	0.9	2.41	3.47	4.53
09	3.51	10.3	6.4	2.1	0.8	1.95	2.65	4.28
10	3.25	11.3	6.8	2.4	0.5	1.94	3.34	4.28
11	2.94	11.7	6.8	1.7	0.5	2.10	3.12	3.72
12	3.29	14.2	7.2	2.3	0.3	2.25	2.97	4.17
Summary	43.07	152.3	89.6	29.0	7.7	27.84	40.56	54.08

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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	9.50	7.7	2.8	0.6	0.3	0.1	11.5	5.9	2.5	0.9	4.40	8.10	12.40
02	8.10	6.2	2.4	0.5	0.1	0.1	7.7	3.6	1.8	0.9	3.30	4.80	8.20
03	5.60	3.6	1.7	0.6	0.2	0.1	3.8	1.9	0.9	0.2	0.90	2.40	7.40
04	0.40	0.6	0.2	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.00	0.00	0.40
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.70	1.0	0.2	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.00	0.00	1.10
12	5.60	5.3	1.6	0.3	0.1	0.0	5.7	1.7	0.6	0.0	1.90	4.90	7.70
Summary	30.1	24.5	8.9	2.0	0.7	0.3	29.6	13.1	5.8	2.0	10.5	20.2	37.2

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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	32.5	34.6	116.5	324.3	615.7	836.9	988.8	948.5	722.9	391.1	139.8	50.8
45	13.4	14.2	61.6	209.2	463.6	687.0	833.8	793.5	573.2	255.9	71.0	21.9
50	4.6	4.8	29.0	119.0	319.5	537.3	678.8	638.5	425.8	148.7	28.7	7.7
55	0.8	1.3	10.6	57.3	195.8	389.4	523.8	483.5	286.4	74.1	8.7	2.0
60	0.0	0.2	2.9	20.8	102.1	248.8	369.1	329.4	164.2	29.5	2.0	0.3
Growing Degree Units for Corn (Monthly)												
50/86	22.4	29.1	91.6	223.6	386.4	543.7	664.4	629.8	458.4	252.0	99.6	33.0
Growing Degree Units (Accumulated Monthly)												
40	32	67	184	508	1124	1960	2949	3898	4621	5012	5152	5202
45	13	28	89	298	762	1449	2283	3076	3650	3905	3976	3998
50	5	9	38	157	477	1014	1693	2332	2757	2906	2935	2942
55	1	2	13	70	266	655	1179	1662	1949	2023	2032	2034
60	0	0	3	24	126	375	744	1073	1238	1267	1269	1269
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	22	52	143	367	753	1297	1961	2591	3049	3301	3401	3434

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