

Summary of Monthly Normals
1991-2020

Generated on 05/20/2024

Current Location: Elev: 1940 ft. Lat: 40.4681° N Lon: 78.7308° W
Station: EBENSBURG SEWAGE PLT, PA US USC00362470

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	32.7	15.9	24.3	4.6	5.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	951.5	1013.6	1106.6	1261.5	0.0	0.0	3.8	13.7	28.6	3.7
02	35.9	16.8	26.3	5.0	4.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0	802.1	858.1	942.1	1082.1	0.0	0.0	4.8	9.6	25.8	2.2
03	45.0	23.6	34.3	5.1	3.7	4.3	2.9	1.6	0.6	0.0	0.0	0.0	644.5	705.3	797.2	951.6	0.0	0.0	11.4	3.4	24.8	0.5
04	58.4	33.5	46.0	3.3	2.1	2.5	25.8	16.4	6.8	0.8	0.0	0.0	297.4	347.9	428.3	572.3	0.0	0.0	23.9	0.3	13.9	0.0
05	67.8	43.6	55.7	3.7	4.0	3.6	117.6	86.7	50.7	14.0	1.7	0.7	96.0	127.0	184.0	302.4	0.0	0.1	30.3	0.0	3.7	0.0
06	75.1	52.1	63.6	2.0	2.1	1.7	267.9	215.6	145.4	56.7	11.3	4.0	10.0	17.6	37.4	98.8	0.0	0.2	30.0	0.0	0.1	0.0
07	78.7	56.3	67.5	2.6	2.1	2.2	387.5	326.2	237.8	112.0	30.5	13.7	0.1	0.8	5.4	34.6	0.0	1.2	31.0	0.0	0.0	0.0
08	77.3	54.7	66.0	2.2	2.3	2.1	341.9	281.6	196.2	81.9	17.8	7.0	1.0	2.7	10.2	51.0	0.0	0.6	31.0	0.0	0.0	0.0
09	71.3	48.1	59.7	3.0	2.6	2.3	176.5	134.4	81.8	26.8	4.6	1.4	35.6	53.4	90.9	185.9	0.0	0.0	30.0	0.0	1.1	0.0
10	60.0	37.5	48.7	2.8	2.5	2.2	35.1	22.2	10.4	1.9	0.1	0.0	228.8	278.0	359.1	505.6	0.0	0.0	27.4	0.0	9.5	0.0
11	47.7	28.4	38.1	4.8	2.7	3.6	2.7	1.3	0.3	0.0	0.0	0.0	511.2	569.7	658.7	808.5	0.0	0.0	15.3	2.2	21.5	0.1
12	37.0	21.5	29.2	5.1	4.1	4.5	0.4	0.2	0.0	0.0	0.0	0.0	798.5	860.4	953.2	1108.2	0.0	0.0	5.3	9.4	27.3	0.6
Summary	57.2	36.0	46.6	3.7	3.2	3.2	1358	1086	730	294	66	27	4377	4834	5573	6962	0.0	2.1	244.2	38.6	156.3	7.1

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	3.85	20.1	10.2	1.9	0.5	2.98	3.63	4.78
02	3.21	16.4	9.0	1.7	0.4	2.35	2.91	3.84
03	3.98	15.0	9.3	2.6	0.6	2.69	4.04	5.36
04	4.35	15.1	9.3	2.8	0.8	2.96	3.94	5.33
05	4.64	15.0	10.4	3.1	0.7	3.65	4.72	5.87
06	4.43	13.9	9.1	2.8	1.0	3.05	4.19	5.29
07	4.79	13.3	8.9	3.2	1.2	3.64	4.25	5.70
08	4.02	12.0	7.3	2.8	1.0	3.08	3.77	4.50
09	4.21	11.4	7.4	2.8	1.0	2.54	3.86	4.62
10	3.55	12.7	7.9	2.2	0.6	2.51	3.42	4.81
11	3.63	13.8	7.3	2.1	0.8	2.77	3.49	4.53
12	4.02	18.2	9.8	2.4	0.6	3.11	3.84	5.17
Summary	48.68	176.9	105.9	30.4	9.2	35.33	46.06	59.80

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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	24.00	10.9	8.8	3.1	0.9	0.1	21.1	15.9	9.9	3.2	15.10	20.20	37.40
02	19.30	9.5	7.4	2.4	0.8	0.1	19.0	15.0	11.1	4.0	11.00	15.10	22.50
03	14.10	6.1	4.5	1.8	0.7	0.1	11.3	8.0	5.2	2.7	4.20	11.80	23.80
04	2.60	1.6	1.3	0.2	0.1	0.0	1.2	0.2	0.1	0.0	0.30	1.50	3.50
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	0.70	0.4	0.3	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.60
11	4.90	2.7	2.0	0.6	0.1	0.0	3.5	1.5	0.8	0.3	0.00	2.50	7.10
12	14.10	7.1	5.2	1.6	0.5	0.0	13.4	8.2	4.5	0.9	5.60	12.50	19.40
Summary	79.7	38.3	29.5	9.8	3.1	0.3	69.8	48.9	31.6	11.1	36.2	63.6	114.3

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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	10.6	11.9	63.1	225.8	489.2	707.9	852.4	805.9	591.1	288.5	87.6	20.8
45	3.3	3.0	27.6	130.0	343.1	558.1	697.4	650.9	442.9	171.2	38.1	7.9
50	0.8	0.3	9.8	64.4	216.1	410.0	542.4	496.0	301.7	87.3	12.5	2.0
55	0.0	0.0	2.9	25.8	117.6	267.9	387.5	341.9	176.5	35.1	2.7	0.4
60	0.0	0.0	0.6	6.8	50.7	145.4	237.8	196.2	81.8	10.4	0.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	6.3	11.8	51.6	156.2	299.1	441.3	552.1	512.4	360.7	177.1	57.7	11.9

Growing Degree Units (Accumulated Monthly)												
40	11	22	86	311	801	1508	2361	3167	3758	4046	4134	4155
45	3	6	34	164	507	1065	1762	2413	2856	3028	3066	3074
50	1	1	11	75	291	701	1244	1740	2042	2129	2141	2143
55	0	0	3	29	146	414	802	1144	1320	1355	1358	1358
60	0	0	1	7	58	204	441	638	719	730	730	730
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	6	18	70	226	525	966	1518	2031	2392	2569	2626	2638

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