

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 828 ft. Lat: 43.7300° N Lon: 87.9714° W

Station: PLYMOUTH WWTP, WI US USC00476678

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	26.3	11.6	18.9	4.6	5.7	5.1	0.0	0.0	0.0	0.0	0.0	0.0	1117.4	1179.4	1272.4	1427.4	0.0	0.0	0.5	20.9	29.9	6.5
02	29.7	13.7	21.7	5.2	6.2	5.6	0.0	0.0	0.0	0.0	0.0	0.0	932.3	988.3	1072.3	1212.3	0.0	0.0	0.9	16.6	26.7	4.9
03	40.5	23.6	32.0	4.8	4.3	4.5	4.1	2.9	1.4	0.2	0.0	0.0	715.6	776.4	867.9	1021.7	0.0	0.0	6.1	7.0	24.9	1.0
04	53.2	34.2	43.7	3.8	2.7	3.2	17.9	11.9	6.3	1.9	0.3	0.1	356.9	410.9	495.3	640.9	0.0	0.0	18.7	0.5	12.4	0.0
05	65.5	45.4	55.5	3.4	2.7	2.9	114.8	86.7	54.5	21.8	6.1	3.1	100.9	134.8	195.6	317.9	0.0	0.1	29.4	0.0	1.4	0.0
06	75.7	55.1	65.4	2.4	2.1	2.1	321.1	268.0	195.1	97.3	37.8	23.5	9.2	16.1	33.2	85.4	0.0	1.5	30.0	0.0	0.0	0.0
07	80.9	60.3	70.6	3.2	2.7	2.8	483.5	421.8	331.2	193.3	89.2	59.4	0.0	0.3	2.8	19.8	0.3	3.3	31.0	0.0	0.0	0.0
08	78.6	58.8	68.7	2.4	2.6	2.4	425.1	364.2	275.8	144.4	53.8	31.9	0.5	1.5	6.1	29.8	0.0	1.6	31.0	0.0	0.0	0.0
09	71.8	50.5	61.1	3.2	2.7	2.8	216.1	172.0	115.3	48.0	14.3	8.0	31.7	47.5	80.8	163.5	0.0	0.4	29.9	0.0	0.2	0.0
10	58.4	39.3	48.8	3.2	2.7	2.8	41.5	28.3	14.2	3.6	0.9	0.5	232.1	280.9	359.8	504.3	0.0	0.0	24.6	0.0	6.6	0.0
11	44.1	28.5	36.3	5.4	4.1	4.7	2.8	1.6	0.6	0.0	0.0	0.0	563.8	622.6	711.6	861.0	0.0	0.0	9.4	4.6	20.2	0.0
12	32.1	18.3	25.2	4.6	5.5	4.9	0.1	0.0	0.0	0.0	0.0	0.0	923.8	985.7	1078.7	1233.7	0.0	0.0	1.4	15.2	28.2	3.0
Summary	54.7	36.6	45.7	3.9	3.7	3.6	1627	1357	994	510	202	126	4984	5444	6176	7518	0.3	6.9	212.9	64.8	150.5	15.4

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	1.59	9.3	4.6	0.8	0.0	0.99	1.26	2.24
02	1.41	8.5	4.0	0.6	0.0	0.85	1.39	1.84
03	1.97	8.9	5.0	1.0	0.2	0.89	1.88	2.56
04	3.63	11.0	6.5	2.6	1.0	2.52	3.42	4.54
05	3.83	12.9	7.6	2.9	0.6	2.62	3.57	4.50
06	4.22	11.6	7.5	2.9	0.9	2.47	4.02	5.16
07	3.50	10.8	6.7	2.3	0.9	2.21	3.33	4.24
08	3.69	10.2	6.0	2.3	0.9	2.38	3.30	4.45
09	2.81	9.2	5.7	2.0	0.5	1.74	2.64	3.55
10	2.96	10.8	5.8	1.8	0.5	1.71	2.86	3.76
11	2.14	9.1	4.3	1.5	0.4	1.00	1.85	2.91
12	1.82	8.9	4.7	1.0	0.2	0.99	1.46	2.33
Summary	33.57	121.2	68.4	21.7	6.1	20.37	30.98	42.08

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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	12.40	7.4	4.0	1.5	0.7	0.1	23.8	16.5	11.1	2.0	5.90	9.50	17.40
02	11.00	6.5	3.3	1.4	0.5	0.1	21.7	15.8	8.4	3.0	6.10	8.50	13.80
03	5.90	3.6	2.0	0.8	0.2	0.0	9.6	6.9	4.8	1.1	2.90	4.50	8.90
04	2.10	1.3	0.7	0.2	0.1	0.0	1.1	0.5	0.2	0.0	0.00	0.50	3.10
05	0.20	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	0.10	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	2.30	2.0	0.8	0.2	0.1	0.0	1.5	0.3	0.1	0.0	0.00	0.40	2.20
12	10.70	6.2	3.3	1.1	0.4	0.1	13.2	8.6	6.2	2.7	2.20	7.10	16.20
Summary	44.7	27.1	14.2	5.2	2.0	0.3	71.0	48.6	30.8	8.8	17.1	30.5	61.6

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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	0.5	4.1	44.6	171.8	480.0	761.9	948.4	889.6	634.5	293.5	68.3	7.9
45	0.0	1.2	22.0	91.0	333.6	612.0	793.4	734.6	485.9	178.2	29.6	2.3
50	0.0	0.3	9.8	43.2	208.5	463.5	638.5	579.6	342.8	94.1	10.5	0.7
55	0.0	0.0	4.1	17.9	114.8	321.1	483.5	425.1	216.1	41.5	2.8	0.1
60	0.0	0.0	1.4	6.3	54.5	195.1	331.2	275.8	115.3	14.2	0.6	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.2	2.2	27.1	98.9	266.2	472.6	625.2	577.9	378.0	155.4	33.4	2.9

Growing Degree Units (Accumulated Monthly)												
40	0	5	49	221	701	1463	2411	3301	3935	4229	4297	4305
45	0	1	23	114	448	1060	1853	2588	3074	3252	3281	3284
50	0	0	10	53	262	725	1364	1943	2286	2380	2391	2392
55	0	0	4	22	137	458	941	1366	1583	1624	1627	1627
60	0	0	1	8	62	257	588	864	980	994	994	994
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	2	30	128	395	867	1492	2070	2448	2604	2637	2640

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