

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 1180 ft. Lat: 41.0517° N Lon: 81.9361° W

Station: CHIPPEWA LAKE, OH US USC00331541

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	32.2	16.8	24.5	4.9	5.5	5.2	0.3	0.2	0.1	0.0	0.0	0.0	945.5	1007.4	1100.3	1255.2	0.0	0.0	3.0	16.8	27.7	3.2
02	34.9	17.9	26.4	5.4	5.8	5.6	0.5	0.3	0.2	0.0	0.0	0.0	801.1	856.9	940.7	1080.6	0.0	0.0	3.3	12.1	26.0	2.3
03	44.8	25.9	35.4	5.0	4.1	4.4	9.1	5.9	3.2	1.0	0.0	0.0	618.2	677.0	767.3	920.1	0.0	0.0	10.4	5.2	22.8	0.2
04	58.2	36.7	47.5	3.3	2.4	2.7	42.0	29.4	15.7	4.1	0.6	0.2	268.6	315.9	392.3	530.6	0.0	0.0	23.2	0.3	8.9	0.0
05	69.0	47.0	58.0	3.9	3.5	3.6	160.3	125.8	82.6	33.6	9.7	4.5	67.4	94.8	144.6	250.7	0.0	0.0	30.3	0.0	0.6	0.0
06	77.6	56.7	67.1	2.2	1.8	1.8	368.9	312.9	234.4	122.4	45.9	26.5	4.6	8.6	20.2	58.2	0.0	1.5	30.0	0.0	0.0	0.0
07	81.6	60.1	70.8	2.7	2.3	2.4	491.3	429.2	337.0	192.9	81.2	49.6	0.0	0.0	0.8	11.7	0.0	2.7	31.0	0.0	0.0	0.0
08	80.3	58.8	69.6	2.6	2.1	2.2	451.2	389.4	298.4	160.1	61.8	36.7	0.2	0.5	2.5	19.2	0.0	2.2	31.0	0.0	0.0	0.0
09	74.0	52.0	63.0	2.7	2.4	2.4	257.2	207.3	141.7	60.7	18.8	9.8	17.3	27.6	51.9	120.9	0.0	0.6	30.0	0.0	0.0	0.0
10	61.4	41.0	51.2	2.4	2.6	2.4	64.0	45.6	24.9	6.7	1.4	0.7	181.8	225.4	297.6	434.5	0.0	0.0	26.7	0.0	4.2	0.0
11	48.3	31.4	39.8	5.2	3.2	4.1	5.9	3.1	1.2	0.2	0.0	0.0	460.4	517.6	605.7	754.7	0.0	0.0	14.1	2.4	16.8	0.0
12	37.0	22.7	29.8	4.7	4.7	4.6	0.5	0.2	0.0	0.0	0.0	0.0	780.0	841.7	934.5	1089.4	0.0	0.0	4.3	11.0	26.2	0.5
Summary	58.3	38.9	48.6	3.8	3.4	3.5	1851	1549	1139	582	219	128	4145	4573	5258	6526	0.0	7.0	237.3	47.8	133.2	6.2

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	2.88	16.7	6.7	1.4	0.5	1.91	2.71	3.28
02	2.23	12.5	5.3	0.8	0.2	1.67	1.92	2.32
03	3.08	13.2	7.2	1.9	0.3	2.19	2.90	3.67
04	3.71	14.6	8.5	2.0	0.6	3.10	3.77	4.34
05	4.04	13.6	8.5	2.5	0.7	2.79	4.08	5.36
06	4.26	11.4	7.5	3.1	1.1	2.86	4.44	5.54
07	4.14	10.9	6.9	2.7	1.1	2.39	3.69	4.70
08	3.58	9.5	6.1	2.4	0.7	2.62	3.20	4.26
09	3.38	10.2	6.5	2.2	1.1	2.18	2.77	4.02
10	3.37	11.6	7.1	2.0	0.6	2.32	3.07	4.19
11	2.95	12.3	7.0	1.8	0.4	2.01	2.73	3.19
12	2.93	15.2	6.8	1.6	0.4	2.07	2.76	3.71
Summary	40.55	151.7	84.1	24.4	7.7	28.11	38.04	48.58

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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	9.90	6.2	5.9	1.2	0.2	0.0					6.10	8.50	15.40
02	8.20	4.4	4.0	1.2	0.2	0.0					3.90	4.50	11.00
03	5.60	3.0	2.7	0.7	0.2	0.0					1.00	3.00	9.00
04	0.60	0.3	0.3	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					0.00	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	0.1	0.0	0.0	0.0	0.0					0.00	0.00	0.00
11	1.50	1.1	1.0	0.2	0.1	0.0					0.00	0.00	2.50
12	9.90	3.6	3.4	0.9	0.2	0.1					5.90	6.50	11.40
Summary	35.7	18.7	17.3	4.2	0.9	0.1	0.0	0.0	0.0	0.0	16.9	22.5	49.3

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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	15.6	15.5	85.0	262.6	558.7	814.3	956.2	915.9	689.9	356.7	116.2	25.6
45	5.9	5.3	46.6	160.8	409.1	664.4	801.2	760.9	540.3	227.6	56.3	9.6
50	1.5	1.6	22.9	89.1	271.5	515.0	646.2	605.9	394.1	130.1	22.2	2.6
55	0.3	0.5	9.1	42.0	160.3	368.9	491.3	451.2	257.2	64.0	5.9	0.5
60	0.1	0.2	3.2	15.7	82.6	234.4	337.0	298.4	141.7	24.9	1.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	7.8	9.5	54.3	158.0	329.3	519.7	636.7	600.1	420.9	198.9	60.1	11.6

Growing Degree Units (Accumulated Monthly)												
40	16	31	116	379	937	1752	2708	3624	4314	4670	4787	4812
45	6	11	58	219	628	1292	2093	2854	3394	3622	3678	3688
50	2	3	26	115	387	902	1548	2154	2548	2678	2700	2703
55	0	1	10	52	212	581	1072	1524	1781	1845	1851	1851
60	0	0	4	19	102	336	673	972	1113	1138	1139	1139
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	8	17	72	230	559	1079	1715	2315	2736	2935	2995	3007

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

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