

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 728 ft. Lat: 45.1672° N Lon: 84.9139° W

Station: **BOYNE FALLS, MI US USC00200925**

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	28.4	14.1	21.2	4.3	5.8	5.0	0.0	0.0	0.0	0.0	0.0	0.0	1046.0	1108.0	1201.1	1356.1	0.0	0.0	0.5	20.9	29.6	5.1
02	31.5	13.4	22.5	5.0	6.5	5.6	0.1	0.0	0.0	0.0	0.0	0.0	911.3	967.3	1051.3	1191.3	0.0	0.0	1.5	16.0	26.4	5.4
03	42.4	20.6	31.5	5.5	5.0	5.0	5.7	4.3	2.8	1.1	0.3	0.1	734.2	794.8	886.2	1039.6	0.0	0.0	8.0	6.4	25.9	2.6
04	55.8	31.5	43.6	4.9	3.1	3.9	26.7	18.8	10.3	3.0	0.6	0.3	367.2	419.3	500.8	643.4	0.0	0.0	20.6	0.8	17.0	0.0
05	70.2	43.1	56.7	4.5	3.5	3.8	150.1	118.1	79.5	37.6	13.2	7.8	99.0	129.1	183.4	296.5	0.0	1.1	29.8	0.0	5.6	0.0
06	79.7	53.3	66.5	2.8	2.9	2.5	352.0	297.7	221.8	117.2	51.0	34.1	7.2	12.9	26.9	72.3	0.0	4.1	30.0	0.0	0.4	0.0
07	83.5	58.1	70.8	3.6	3.1	3.2	489.8	428.1	337.1	200.5	96.7	66.1	0.1	0.4	2.4	20.8	0.1	6.0	31.0	0.0	0.0	0.0
08	81.7	57.0	69.4	2.8	3.1	2.7	445.2	384.4	296.1	164.8	70.8	45.7	0.5	1.7	6.3	30.0	0.0	3.7	31.0	0.0	0.0	0.0
09	73.8	50.4	62.1	3.6	3.2	3.2	244.0	199.5	141.7	69.3	26.4	16.2	31.1	46.6	78.8	156.4	0.0	1.3	29.9	0.0	0.8	0.0
10	59.3	39.9	49.6	3.5	2.6	2.8	56.8	41.6	25.0	9.2	2.8	1.6	224.2	271.0	347.4	486.6	0.0	0.1	24.4	0.0	7.5	0.0
11	44.6	30.3	37.5	5.3	3.3	4.2	4.9	2.9	1.3	0.3	0.0	0.0	531.4	589.4	677.8	826.8	0.0	0.0	9.1	3.7	18.7	0.1
12	33.4	21.5	27.4	4.3	4.5	4.3	0.1	0.0	0.0	0.0	0.0	0.0	854.0	916.0	1009.0	1164.0	0.0	0.0	1.4	14.4	27.7	1.0
Summary	57.0	36.1	46.6	4.2	3.9	3.8	1775	1495	1116	603	262	172	4806	5256	5971	7284	0.1	16.3	217.2	62.2	159.6	14.2

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	2.65	17.0	8.9	0.8	0.1	1.75	2.34	3.39	
02	1.67	12.1	5.9	0.5	0.0	1.17	1.55	2.28	
03	1.89	9.9	5.4	1.0	0.2	1.25	1.47	2.58	
04	3.06	11.0	7.1	2.0	0.4	2.30	2.78	3.82	
05	3.19	11.4	7.3	2.3	0.6	2.51	2.81	4.11	
06	3.16	9.4	6.4	2.2	0.7	1.97	2.95	3.95	
07	2.86	9.5	5.9	1.8	0.6	1.70	2.47	3.60	
08	3.46	9.2	6.5	2.3	0.9	2.85	3.25	3.99	
09	3.85	11.3	8.0	2.5	0.8	3.18	3.89	4.78	
10	4.44	15.2	10.1	2.5	0.8	3.03	3.53	5.86	
11	3.31	14.4	8.9	1.8	0.4	2.29	3.18	3.80	
12	2.68	16.3	8.9	0.9	0.1	1.86	2.52	3.60	
Summary	36.22	146.7	89.3	20.6	5.6	25.86	32.74	45.76	

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	32.00	13.5	11.4	4.8	1.6	0.1	29.4	27.4	22.9	9.1	22.10	31.30	38.40
02	20.40	9.7	8.5	3.1	0.8	0.0	27.0	25.4	23.2	12.4	16.00	20.00	24.90
03	11.20	5.3	4.4	1.3	0.4	0.1	20.1	17.4	14.3	5.9	6.90	10.70	15.70
04	4.70	2.0	1.8	0.7	0.2	0.1	2.9	1.6	0.8	0.4	0.00	2.50	6.00
05	0.10	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	0.5	0.3	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.60
11	11.40	5.3	4.6	1.5	0.5	0.1	7.5	4.3	2.2	0.2	3.00	8.00	17.50
12	31.20	11.3	10.0	4.5	1.6	0.1	20.9	17.4	13.2	4.5	25.80	29.70	41.20
Summary	111.7	47.6	41.0	16.0	5.1	0.5	108.1	93.6	76.6	32.5	73.8	102.2	144.3

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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	1.6	5.4	48.2	180.4	518.7	794.9	954.7	909.7	662.9	313.9	79.0	8.2
45	0.0	1.5	24.0	102.5	375.0	644.9	799.6	754.7	514.2	196.8	36.2	2.3
50	0.0	0.2	11.9	54.8	249.9	496.0	644.6	599.7	372.0	111.7	14.3	0.5
55	0.0	0.1	5.7	26.7	150.1	352.0	489.8	445.2	244.0	56.8	4.9	0.1
60	0.0	0.0	2.8	10.3	79.5	221.8	337.1	296.1	141.7	25.0	1.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.4	2.9	34.3	130.6	338.3	513.8	631.1	599.1	414.6	174.3	38.4	2.8
Growing Degree Units (Accumulated Monthly)												
40	2	7	55	236	754	1549	2504	3414	4077	4390	4469	4478
45	0	2	26	128	503	1148	1948	2702	3216	3413	3449	3452
50	0	0	12	67	317	813	1457	2057	2429	2541	2555	2556
55	0	0	6	32	183	535	1024	1470	1714	1770	1775	1775
60	0	0	3	13	93	314	652	948	1089	1114	1116	1116
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	3	38	168	506	1020	1651	2250	2665	2839	2878	2881

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