

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 605 ft. Lat: 42.3194° N Lon: 83.2378° W
Station: DEARBORN, MI US USC00202015

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	32.0	17.7	24.8	4.4	5.5	4.8	0.1	0.1	0.0	0.0	0.0	0.0	934.5	996.5	1089.4	1244.4	0.0	0.0	2.3	14.9	28.6	2.7
02	34.9	19.1	27.0	5.1	5.2	5.1	0.2	0.1	0.1	0.0	0.0	0.0	784.0	840.0	923.9	1063.9	0.0	0.0	3.1	9.8	25.7	1.5
03	45.2	26.4	35.8	4.6	4.1	4.1	6.8	4.8	2.7	0.7	0.1	0.0	602.0	661.9	752.8	905.8	0.0	0.0	11.5	3.0	23.7	0.3
04	58.3	36.9	47.6	3.4	2.5	2.8	34.6	23.8	12.6	2.8	0.4	0.1	256.6	305.8	384.6	524.9	0.0	0.0	24.1	0.2	9.8	0.0
05	70.0	47.5	58.8	3.6	3.3	3.3	172.7	135.0	88.9	39.3	13.4	7.8	56.5	80.7	127.7	233.1	0.0	0.6	30.6	0.0	1.3	0.0
06	79.2	57.8	68.5	2.4	1.8	1.9	408.4	351.1	268.5	147.4	63.0	41.0	3.5	6.3	13.6	42.6	0.0	3.7	30.0	0.0	0.0	0.0
07	83.6	62.0	72.8	3.1	2.3	2.6	551.7	489.7	396.8	247.2	121.7	82.5	0.0	0.0	0.2	5.5	0.1	6.7	31.0	0.0	0.0	0.0
08	81.8	60.8	71.3	2.6	2.5	2.4	505.2	443.4	351.4	206.4	90.7	57.1	0.0	0.2	1.2	11.2	0.0	3.5	31.0	0.0	0.0	0.0
09	75.1	53.4	64.3	3.0	2.5	2.5	292.7	242.1	173.6	83.7	29.5	17.0	15.3	24.7	46.3	106.3	0.0	1.7	30.0	0.0	0.2	0.0
10	62.1	41.6	51.9	2.7	2.5	2.5	69.6	49.6	27.4	8.3	2.0	1.0	167.2	209.2	280.0	415.9	0.0	0.1	28.4	0.0	4.9	0.0
11	48.3	32.3	40.3	4.7	3.2	3.8	4.8	2.4	0.8	0.0	0.0	0.0	445.8	503.4	591.7	741.0	0.0	0.0	14.7	1.1	16.4	0.0
12	36.9	24.0	30.5	4.4	4.5	4.4	0.4	0.1	0.0	0.0	0.0	0.0	761.3	823.1	915.9	1070.9	0.0	0.0	3.7	8.7	25.4	0.6
Summary	58.9	40.0	49.5	3.7	3.3	3.3	2047	1742	1323	736	321	206	4027	4452	5127	6366	0.1	16.3	240.4	37.7	136.0	5.1

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	2.51	11.8	6.4	1.5	0.3	1.41	2.50	3.39
02	2.27	9.3	5.7	1.6	0.6	1.50	2.27	2.82
03	2.29	9.4	5.9	1.5	0.6	1.19	2.29	3.34
04	3.26	11.9	7.5	2.1	0.4	2.56	3.08	3.97
05	3.60	12.3	7.5	2.4	0.7	2.54	3.43	4.74
06	3.28	10.1	7.2	2.0	0.7	2.10	2.89	4.29
07	3.54	10.2	6.4	2.5	0.8	2.41	3.31	4.77
08	3.23	9.5	5.6	1.7	0.8	2.12	3.00	3.97
09	3.01	9.2	6.2	2.2	0.6	1.76	2.48	4.10
10	2.87	11.6	6.5	1.9	0.7	2.28	2.55	3.67
11	2.74	10.4	6.6	1.8	0.3	2.06	2.65	3.38
12	2.45	11.5	6.4	1.6	0.2	1.90	2.33	2.87
Summary	35.05	127.2	77.9	22.8	6.7	23.83	32.78	45.31

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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	11.70	6.7	4.4	1.2	0.5	0.1					7.30	8.10	12.30
02	7.30	5.2	3.0	1.2	0.2	0.0					2.30	7.20	10.50
03	5.70	2.8	1.6	0.5	0.2	0.0					1.50	3.50	8.20
04	0.60	0.4	0.2	0.1	0.0	0.0					0.00	0.00	0.20
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	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
11	0.90	1.0	0.5	0.1	0.0	0.0					0.00	0.00	0.60
12	4.60	4.5	2.3	0.7	0.3	0.0					1.70	5.00	7.50
Summary	30.8	20.6	12.0	3.8	1.2	0.1	0.0	0.0	0.0	0.0	12.8	23.8	39.3

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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	7.0	11.4	71.3	260.1	581.6	854.8	1016.6	970.1	727.3	374.9	114.7	19.7
45	1.9	3.5	34.8	154.6	430.1	704.9	861.7	815.2	577.7	243.5	53.8	7.0
50	0.4	0.8	16.0	79.3	289.2	555.5	706.7	660.2	431.1	140.5	19.3	2.3
55	0.1	0.2	6.8	34.6	172.7	408.4	551.7	505.2	292.7	69.6	4.8	0.4
60	0.0	0.1	2.7	12.6	88.9	268.5	396.8	351.4	173.6	27.4	0.8	0.0
Growing Degree Units for Corn (Monthly)												
50/86	3.2	6.9	44.4	152.1	346.4	554.6	687.4	649.6	454.4	210.8	53.6	7.6
Growing Degree Units (Accumulated Monthly)												
40	7	18	90	350	931	1786	2803	3773	4500	4875	4990	5009
45	2	5	40	195	625	1330	2192	3007	3584	3828	3882	3889
50	0	1	17	96	386	941	1648	2308	2739	2880	2899	2901
55	0	0	7	42	214	623	1174	1680	1972	2042	2047	2047
60	0	0	3	15	104	373	770	1121	1295	1322	1323	1323
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	10	54	207	553	1108	1795	2445	2899	3110	3163	3171

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