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

Summary of Monthly Normals
1991-2020

Generated on 11/11/2026

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

Current Location: Elev: 626 ft. Lat: 42.4092° N Lon: 83.0100° W

Station: **DETROIT CITY AP, MI US USW00014822**

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	32.4	19.8	26.1	4.3	5.2	4.7	0.1	0.0	0.0	0.0	0.0	0.0	895.9	957.7	1050.7	1205.7	0.0	0.0	2.6	15.8	26.9	0.9
02	35.0	21.0	28.0	4.9	5.1	4.9	0.1	0.0	0.0	0.0	0.0	0.0	756.0	811.9	895.9	1035.9	0.0	0.0	2.8	11.3	24.3	0.6
03	44.9	28.4	36.6	4.7	4.1	4.3	7.2	5.1	2.7	0.7	0.0	0.0	576.1	635.9	726.5	879.6	0.0	0.0	10.0	3.7	20.3	0.0
04	57.6	38.6	48.1	3.2	2.5	2.8	38.5	27.0	14.7	3.9	0.8	0.2	245.5	294.0	371.7	510.9	0.0	0.0	22.8	0.1	5.8	0.0
05	69.5	49.8	59.7	3.8	3.1	3.4	190.3	150.9	102.4	47.4	18.0	10.6	46.2	68.8	113.3	213.3	0.0	0.5	30.5	0.0	0.1	0.0
06	79.2	60.2	69.7	2.2	2.0	2.0	442.3	383.6	298.8	173.5	81.0	54.7	1.4	2.8	8.0	32.7	0.0	3.3	30.0	0.0	0.0	0.0
07	83.5	64.9	74.2	2.8	2.6	2.7	595.1	533.1	440.1	287.1	150.0	106.2	0.0	0.0	0.0	2.0	0.1	5.8	31.0	0.0	0.0	0.0
08	81.4	63.7	72.5	2.4	2.3	2.3	543.9	482.0	389.3	240.6	112.5	74.7	0.0	0.0	0.4	6.7	0.1	2.8	31.0	0.0	0.0	0.0
09	74.3	55.8	65.1	2.9	2.6	2.6	311.3	258.3	185.7	90.6	32.7	19.1	9.9	17.0	34.3	89.2	0.0	1.0	30.0	0.0	0.0	0.0
10	61.4	44.7	53.0	2.3	2.3	2.2	79.1	56.8	32.2	10.1	2.7	1.4	139.5	179.3	247.7	380.5	0.0	0.0	27.8	0.0	0.9	0.0
11	48.2	34.4	41.3	4.7	3.2	3.9	7.4	3.7	1.1	0.1	0.0	0.0	418.3	474.7	562.0	711.0	0.0	0.0	13.7	0.9	11.4	0.0
12	37.2	25.8	31.5	4.5	4.4	4.4	0.4	0.2	0.0	0.0	0.0	0.0	728.8	790.5	883.4	1038.4	0.0	0.0	3.5	9.2	22.7	0.2
Summary	58.7	42.3	50.5	3.6	3.3	3.4	2216	1901	1467	854	398	267	3818	4233	4894	6106	0.2	13.4	235.7	41.0	112.4	1.7

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	1.45	9.9	4.1	0.6	0.1	0.89	1.26	1.80
02	1.41	8.6	3.7	0.8	0.1	0.64	1.21	1.90
03	2.02	9.9	5.0	1.3	0.3	1.21	1.88	2.69
04	2.82	12.1	6.4	1.7	0.1	1.91	2.66	3.71
05	3.49	13.8	8.2	2.3	0.6	2.35	3.26	4.34
06	3.10	10.1	5.6	1.9	0.4	2.10	2.89	4.13
07	3.22	10.3	6.6	2.2	0.6	2.06	2.94	4.28
08	3.10	9.6	5.8	2.0	0.8	2.24	2.76	4.09
09	3.09	9.2	6.1	2.3	0.7	1.62	2.95	4.16
10	2.30	10.9	5.6	1.5	0.4	1.51	2.11	2.96
11	2.16	9.9	5.3	1.4	0.5	1.15	1.92	2.94
12	1.73	11.1	4.7	1.0	0.2	1.25	1.81	2.12
Summary	29.89	125.4	67.1	19.0	4.8	18.93	27.65	39.12

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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	11.0	13.3	79.3	268.8	609.3	890.8	1060.1	1008.9	751.4	408.5	127.8	23.5
45	3.4	4.1	38.8	159.5	456.2	740.9	905.1	854.0	601.6	270.0	61.9	8.0
50	1.0	0.9	17.9	83.6	312.6	591.0	750.1	699.0	453.2	157.7	25.3	2.2
55	0.1	0.1	7.2	38.5	190.3	442.3	595.1	543.9	311.3	79.1	7.4	0.4
60	0.0	0.0	2.7	14.7	102.4	298.8	440.1	389.3	185.7	32.2	1.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	3.9	7.1	45.3	145.7	351.0	583.3	730.2	687.7	462.7	205.5	52.6	7.6

Growing Degree Units (Accumulated Monthly)

40	11	24	104	372	982	1872	2933	3942	4693	5101	5229	5253
45	3	8	46	206	662	1403	2308	3162	3764	4034	4096	4104
50	1	2	20	103	416	1007	1757	2456	2909	3067	3092	3094
55	0	0	7	46	236	678	1274	1818	2129	2208	2215	2216
60	0	0	3	17	120	419	859	1248	1434	1466	1467	1467
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	4	11	56	202	553	1136	1866	2554	3017	3222	3275	3283

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

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