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: 841 ft. Lat: 42.7803° N Lon: 84.5789° W

Station: **LANSING CAPITAL CITY AP, MI US USW00014836**

Temperature (°F)

	Mean						Cooling Degree Days Base (above)						Heating Degree Days Base (above)				Mean Number of Days					
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	30.6	17.2	23.9	4.2	5.8	4.9	0.1	0.1	0.0	0.0	0.0	0.0	964.0	1025.9	1118.9	1273.9	0.0	0.0	1.6	18.4	28.3	4.1
02	33.5	18.3	25.9	5.1	5.8	5.4	0.1	0.1	0.0	0.0	0.0	0.0	814.8	870.7	954.7	1094.7	0.0	0.0	2.2	14.0	25.9	2.6
03	44.4	26.0	35.2	4.9	4.5	4.5	8.2	5.7	3.4	1.1	0.1	0.0	622.0	681.5	772.2	924.8	0.0	0.0	9.4	5.1	23.9	0.7
04	57.6	36.4	47.0	3.7	2.6	3.0	36.1	25.4	14.1	3.9	0.5	0.2	276.1	325.4	404.1	543.9	0.0	0.0	22.4	0.4	11.6	0.0
05	69.4	47.5	58.4	3.6	3.4	3.4	171.3	135.5	90.9	40.6	13.5	7.4	64.4	90.6	139.0	243.7	0.0	0.2	30.4	0.0	1.8	0.0
06	78.9	57.1	68.0	2.3	1.9	1.8	392.9	335.6	254.0	137.8	57.9	37.5	3.0	5.8	14.2	48.0	0.0	2.1	30.0	0.0	0.0	0.0
07	82.8	60.9	71.8	3.2	2.7	2.8	522.2	460.3	368.0	222.5	106.1	71.6	0.0	0.0	0.7	10.2	0.1	4.1	31.0	0.0	0.0	0.0
08	80.6	59.5	70.0	2.7	2.7	2.6	466.5	404.8	313.8	176.9	76.0	48.4	0.1	0.4	2.4	20.5	0.0	1.9	31.0	0.0	0.0	0.0
09	73.6	51.5	62.5	3.4	2.6	2.6	249.6	202.6	140.7	65.9	23.4	13.9	23.2	36.2	64.3	139.5	0.0	0.6	30.0	0.0	0.5	0.0
10	60.5	41.2	50.8	2.5	2.6	2.4	60.4	43.3	24.0	7.5	2.1	1.1	189.0	233.9	307.6	446.2	0.0	0.0	26.3	0.0	6.3	0.0
11	47.0	31.9	39.5	5.0	3.2	4.0	7.2	4.2	1.4	0.0	0.0	0.0	473.7	530.7	617.9	766.5	0.0	0.0	12.2	2.6	17.7	0.0
12	35.7	23.3	29.5	4.3	4.8	4.4	0.4	0.2	0.1	0.0	0.0	0.0	790.8	852.5	945.4	1100.4	0.0	0.0	2.9	12.1	26.5	1.0
Summary	57.9	39.2	48.5	3.7	3.6	3.5	1915	1618	1210	656	280	180	4221	4654	5341	6612	0.1	8.9	229.4	52.6	142.5	8.4

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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	2.06	13.9	5.2	1.1	0.1	1.12	1.93	2.83
02	1.71	10.7	4.6	0.8	0.1	1.07	1.48	2.28
03	2.13	10.9	5.5	1.2	0.3	1.31	1.99	2.90
04	3.26	12.5	7.5	2.1	0.4	2.34	2.84	4.22
05	3.66	12.5	7.3	2.3	0.7	2.13	3.44	4.23
06	3.76	10.5	6.2	2.6	1.1	1.88	3.28	5.35
07	2.94	9.1	5.5	2.0	0.6	2.01	2.71	3.76
08	3.48	10.1	6.3	2.2	0.9	2.42	3.44	4.55
09	2.81	10.1	5.3	1.6	0.6	1.63	2.83	3.32
10	3.16	11.6	6.5	2.1	0.6	2.14	2.82	3.56
11	2.46	12.3	5.4	1.5	0.5	1.61	2.11	3.30
12	1.90	13.5	5.3	0.9	0.1	1.46	1.84	2.21
Summary	33.33	137.7	70.6	20.4	6.0	21.12	30.71	42.51

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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	14.30	11.9	4.6	1.2	0.3	0.0	22.4	15.5	8.7	2.0	9.20	12.10	17.30
02	12.90	10.0	3.7	1.5	0.4	0.0	18.7	13.4	8.2	1.9	6.90	12.10	18.30
03	5.90	4.8	1.9	0.5	0.2	0.0	8.5	5.3	3.1	0.8	2.10	5.20	10.30
04	1.70	1.9	0.5	0.2	0.0	0.0	0.6	0.1	0.0	0.0	0.10	0.60	2.80
05	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
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	0.20	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	3.90	3.9	1.0	0.3	0.2	0.0	2.7	0.9	0.4	0.0	0.60	3.00	6.90
12	11.30	9.4	3.5	0.8	0.3	0.0	13.0	6.7	3.8	0.8	5.10	8.90	16.30
Summary	50.2	42.1	15.3	4.5	1.4	0.0	65.9	41.9	24.2	5.5	24.0	41.9	71.9

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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	7.8	11.8	74.8	245.5	572.4	839.9	987.3	931.5	676.5	345.7	106.3	18.8
45	2.2	4.0	38.5	144.6	421.2	689.9	832.3	776.5	527.5	219.7	51.9	6.5
50	0.5	0.9	18.1	75.9	283.3	540.2	677.3	621.5	382.8	124.1	21.5	2.0
55	0.1	0.1	8.2	36.1	171.3	392.9	522.2	466.5	249.6	60.4	7.2	0.4
60	0.0	0.0	3.4	14.1	90.9	254.0	368.0	313.8	140.7	24.0	1.4	0.1
Growing Degree Units for Corn (Monthly)												
50/86	2.7	5.5	46.1	147.9	341.6	542.6	662.7	617.2	416.8	187.1	50.0	7.0

Growing Degree Units (Accumulated Monthly)

40	8	20	94	340	912	1752	2740	3671	4348	4693	4800	4818
45	2	6	45	189	610	1300	2133	2909	3437	3656	3708	3715
50	0	1	20	95	379	919	1596	2218	2600	2725	2746	2748
55	0	0	8	44	216	609	1131	1597	1847	1907	1915	1915
60	0	0	3	18	108	362	730	1044	1185	1209	1210	1210
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	8	54	202	544	1086	1749	2366	2783	2970	3020	3027

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

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