

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 736 ft. Lat: 42.3839° N Lon: 85.9625° W

Station: BLOOMINGDALE, MI US USC00200864

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	17.2	24.6	4.0	5.2	4.5	0.1	0.0	0.0	0.0	0.0	0.0	942.2	1004.2	1097.1	1252.2	0.0	0.0	1.9	15.8	28.9	3.3
02	34.7	18.1	26.4	4.8	5.4	5.0	0.1	0.0	0.0	0.0	0.0	0.0	800.7	856.6	940.6	1080.7	0.0	0.0	2.2	11.5	26.5	2.2
03	45.1	25.3	35.2	5.0	4.5	4.6	6.4	4.2	2.0	0.4	0.0	0.0	620.2	679.9	770.8	924.2	0.0	0.0	10.0	4.0	24.5	0.5
04	57.8	34.6	46.2	4.0	2.8	3.0	34.4	24.9	14.5	4.8	0.9	0.4	298.4	348.9	428.5	568.8	0.0	0.0	22.5	0.3	14.2	0.0
05	69.6	46.2	57.9	4.0	3.4	3.5	169.4	134.6	91.5	42.6	14.9	8.0	79.5	106.7	156.7	262.8	0.0	0.6	30.1	0.0	2.9	0.0
06	79.2	56.5	67.8	2.4	2.2	2.0	390.6	334.4	254.3	138.9	59.9	38.7	5.3	9.2	19.0	53.5	0.0	3.3	30.0	0.0	0.0	0.0
07	82.9	60.1	71.5	3.1	2.7	2.8	511.4	449.6	357.9	212.9	99.2	66.0	0.0	0.2	1.5	11.5	0.1	4.7	31.0	0.0	0.0	0.0
08	81.3	58.5	69.9	2.6	2.8	2.6	461.9	400.3	310.0	173.2	72.5	45.6	0.2	0.6	3.3	21.4	0.0	3.0	31.0	0.0	0.0	0.0
09	74.6	50.8	62.7	3.3	2.6	2.7	254.0	207.5	146.6	68.8	24.6	14.6	23.1	36.7	65.8	138.0	0.0	1.3	30.0	0.0	0.5	0.0
10	61.7	40.2	50.9	2.9	2.3	2.4	65.6	47.6	26.9	8.4	2.0	1.1	191.1	235.1	307.4	443.9	0.0	0.0	27.1	0.0	8.7	0.0
11	48.1	30.8	39.5	5.3	2.9	3.9	6.3	3.5	1.1	0.1	0.0	0.0	472.8	529.9	617.5	766.6	0.0	0.0	13.4	1.7	19.2	0.0
12	37.1	23.4	30.2	4.3	4.7	4.4	0.7	0.2	0.0	0.0	0.0	0.0	767.8	829.4	922.1	1077.2	0.0	0.0	3.7	9.4	27.3	0.7
Summary	58.7	38.5	48.6	3.8	3.5	3.4	1901	1607	1205	650	274	174	4201	4637	5330	6601	0.1	12.9	232.9	42.7	152.7	6.7

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	3.17	16.5	9.2	1.6	0.3	1.94	2.85	4.46	
02	2.33	12.8	6.6	1.2	0.3	1.45	1.80	2.78	
03	2.53	11.6	6.7	1.4	0.4	1.72	2.22	3.16	
04	3.64	12.3	8.0	2.4	0.7	2.53	3.41	4.41	
05	4.09	12.1	8.1	2.7	0.9	2.74	4.00	5.42	
06	3.83	9.9	6.8	3.0	1.0	1.91	3.53	5.45	
07	3.65	8.2	5.4	2.4	0.9	2.64	3.61	4.46	
08	3.86	9.8	6.9	2.8	1.0	2.49	3.59	4.87	
09	3.40	9.3	6.0	2.2	0.9	1.61	3.07	4.29	
10	4.40	12.1	8.4	2.8	1.0	2.65	3.82	5.84	
11	3.21	13.1	7.8	2.2	0.4	2.07	3.24	4.03	
12	3.03	14.9	8.6	1.5	0.1	2.44	2.95	3.34	
Summary	41.14	142.6	88.5	26.2	7.9	26.19	38.09	52.51	

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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	35.90	12.1	10.0	5.2	2.5	0.2					18.50	31.00	54.10
02	22.90	9.0	7.3	3.1	1.3	0.1					11.80	18.70	22.50
03	7.90	4.0	2.8	1.1	0.5	0.0					2.50	8.00	12.50
04	1.70	1.0	0.7	0.2	0.1	0.0					0.00	0.00	1.00
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	0.50	0.2	0.1	0.1	0.0	0.0					0.00	0.00	0.00
11	7.30	3.3	2.7	1.2	0.7	0.0					0.00	5.30	11.90
12	32.80	10.0	8.8	4.9	2.4	0.3					15.60	33.00	40.50
Summary	109.0	39.6	32.4	15.8	7.5	0.6	0.0	0.0	0.0	0.0	48.4	96.0	142.5

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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	6.6	10.9	69.8	233.0	556.2	835.3	976.4	926.7	680.9	349.2	102.5	21.2
45	1.4	3.3	34.2	137.6	408.7	685.3	821.4	771.8	531.8	224.3	49.7	7.7
50	0.4	0.8	15.2	72.1	276.4	535.9	666.4	616.8	387.0	130.3	20.8	2.5
55	0.1	0.1	6.4	34.4	169.4	390.6	511.4	461.9	254.0	65.6	6.3	0.7
60	0.0	0.0	2.0	14.5	91.5	254.3	357.9	310.0	146.6	26.9	1.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	3.1	6.2	42.8	141.5	333.0	537.7	650.3	609.8	419.3	198.8	54.4	8.7

Growing Degree Units (Accumulated Monthly)												
40	7	18	87	320	876	1712	2688	3615	4296	4645	4747	4769
45	1	5	39	176	585	1270	2092	2864	3396	3620	3670	3677
50	0	1	16	88	365	901	1567	2184	2571	2701	2722	2725
55	0	0	7	41	210	601	1112	1574	1828	1894	1900	1901
60	0	0	2	16	108	362	720	1030	1177	1204	1205	1205
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	9	52	194	527	1064	1715	2324	2744	2943	2997	3006

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