

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 698 ft. Lat: 43.5861° N Lon: 83.1805° W

Station: CASS CITY 1 SSW, MI US USC00201361

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	28.6	12.9	20.8	4.3	6.9	5.6	0.0	0.0	0.0	0.0	0.0	0.0	1061.5	1123.5	1216.5	1371.6	0.0	0.0	1.2	18.7	29.2	4.9
02	31.6	13.3	22.5	4.8	6.2	5.4	0.0	0.0	0.0	0.0	0.0	0.0	911.3	967.3	1051.2	1191.3	0.0	0.0	1.9	14.0	26.4	5.0
03	42.0	22.3	32.2	5.1	4.6	4.7	5.3	3.8	2.1	0.6	0.0	0.0	713.7	774.2	865.5	1018.9	0.0	0.0	8.8	5.4	26.3	1.4
04	54.9	32.2	43.5	4.0	2.3	3.0	17.9	11.5	5.4	1.4	0.3	0.1	361.4	415.0	498.9	644.9	0.0	0.0	20.7	0.6	17.3	0.0
05	67.6	43.2	55.4	3.6	3.5	3.3	115.4	87.4	55.5	22.8	7.5	3.8	103.1	137.0	198.1	320.4	0.0	0.3	29.7	0.0	2.4	0.0
06	77.3	53.7	65.5	2.2	2.2	1.9	320.0	265.8	191.3	94.0	34.9	20.5	5.2	11.0	26.5	79.1	0.0	2.1	30.0	0.0	0.0	0.0
07	80.4	57.2	68.8	3.0	2.5	2.6	427.8	366.1	275.5	141.4	51.2	29.4	0.1	0.4	2.7	23.7	0.0	3.1	31.0	0.0	0.0	0.0
08	78.5	55.9	67.2	2.5	2.5	2.3	378.4	317.4	230.0	108.6	34.4	19.2	0.3	1.4	6.9	40.5	0.0	1.1	31.0	0.0	0.0	0.0
09	71.9	48.5	60.2	3.2	2.7	2.7	188.7	146.8	94.2	35.6	8.4	3.8	32.8	50.9	88.3	179.6	0.0	0.6	30.0	0.0	0.3	0.0
10	59.0	38.6	48.8	2.9	2.5	2.6	41.7	29.2	16.0	5.4	1.4	0.6	233.9	283.4	363.2	507.6	0.0	0.0	26.0	0.0	7.9	0.0
11	45.4	29.0	37.2	4.8	3.1	3.8	2.1	1.1	0.2	0.0	0.0	0.0	536.1	595.0	684.2	834.0	0.0	0.0	10.6	2.4	20.5	0.0
12	34.3	20.6	27.4	4.4	5.5	4.8	0.1	0.0	0.0	0.0	0.0	0.0	854.1	916.0	1009.0	1164.0	0.0	0.0	2.2	12.5	27.8	1.5
Summary	56.0	35.6	45.8	3.7	3.7	3.6	1497	1229	870	410	138	77	4814	5275	6011	7376	0.0	7.2	223.1	53.6	158.1	12.8

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	2.02	13.9	6.1	0.9	0.1	1.37	1.97	2.55
02	1.79	9.8	4.6	0.9	0.3	1.19	1.62	2.05
03	1.99	10.2	5.4	1.2	0.1	1.22	1.75	2.57
04	3.50	12.2	7.2	1.8	0.6	2.09	2.90	4.06
05	3.52	12.4	7.7	2.3	0.5	2.48	3.71	3.98
06	3.27	10.3	6.8	2.2	0.7	2.00	3.22	4.25
07	3.24	9.4	6.2	2.3	0.6	2.37	3.22	4.13
08	3.12	10.7	6.6	1.9	0.7	2.45	2.88	3.83
09	3.17	10.4	6.1	1.9	0.9	2.12	3.12	4.06
10	2.91	12.4	7.1	1.8	0.3	2.12	2.81	3.47
11	2.52	13.0	6.6	1.6	0.2	1.58	2.45	3.16
12	2.00	12.9	5.8	0.9	0.0	1.62	1.90	2.36
Summary	33.05	137.6	76.2	19.7	5.0	22.61	31.55	40.47

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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	14.40	9.0	4.6	1.4	0.4	0.0					8.70	11.40	18.00
02	9.30	6.2	3.1	0.9	0.3	0.0					3.80	10.40	13.50
03	5.00	3.1	1.8	0.5	0.2	0.0					1.50	3.50	8.20
04	1.60	1.3	0.7	0.1	0.0	0.0					0.00	0.50	2.00
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	0.10	0.1	0.1	0.0	0.0	0.0					0.00	0.00	0.00
11	3.10	1.7	1.0	0.3	0.0	0.0					0.00	0.50	6.30
12	9.00	7.1	3.6	1.1	0.3	0.0					3.90	7.00	8.90
Summary	42.5	28.5	14.9	4.3	1.2	0.0	0.0	0.0	0.0	0.0	17.9	33.3	56.9

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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	2.4	4.5	45.4	168.8	478.9	764.8	892.8	843.1	606.0	286.9	69.8	10.3
45	0.5	1.1	22.8	91.2	333.9	614.9	737.7	688.1	457.1	171.1	29.5	3.3
50	0.2	0.2	11.1	44.2	209.7	465.3	582.7	533.0	314.9	91.4	10.0	0.7
55	0.0	0.0	5.3	17.9	115.4	320.0	427.8	378.4	188.7	41.7	2.1	0.1
60	0.0	0.0	2.1	5.4	55.5	191.3	275.5	230.0	94.2	16.0	0.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.3	2.8	33.4	112.6	288.4	477.9	578.1	534.9	360.1	156.2	37.5	4.2
Growing Degree Units (Accumulated Monthly)												
40	2	7	52	221	700	1465	2358	3201	3807	4094	4163	4174
45	0	2	24	116	450	1064	1802	2490	2947	3118	3148	3151
50	0	0	12	56	265	731	1313	1846	2161	2253	2263	2263
55	0	0	5	23	139	459	886	1265	1454	1495	1497	1497
60	0	0	2	8	63	254	530	760	854	870	870	870
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	4	38	150	438	916	1494	2029	2390	2546	2583	2587

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