

Summary of Monthly Normals
1991-2020

Generated on 04/26/2024

Current Location: Elev: 984 ft. Lat: 41.9622° N Lon: 84.9925° W
Station: COLDWATER ST SCHOOL, MI US USC00201675

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	30.9	15.9	23.4	4.4	5.8	5.1	0.0	0.0	0.0	0.0	0.0	0.0	979.4	1041.3	1134.3	1289.4	0.0	0.0	2.0	18.3	28.6	2.6
02	34.2	17.6	25.9	5.2	5.8	5.4	0.1	0.0	0.0	0.0	0.0	0.0	814.7	870.6	954.6	1094.7	0.0	0.0	2.5	13.4	25.6	1.7
03	44.9	25.7	35.3	4.7	4.3	4.4	7.0	4.8	2.5	0.7	0.0	0.0	617.7	677.5	768.2	921.4	0.0	0.0	10.2	4.8	22.7	0.2
04	57.9	36.1	47.0	3.4	2.6	2.9	34.1	23.6	12.5	3.3	0.4	0.2	274.2	323.6	402.5	543.3	0.0	0.0	22.7	0.1	9.3	0.0
05	69.4	47.1	58.2	3.7	3.4	3.4	166.8	130.8	86.5	36.8	10.8	5.4	66.1	92.1	140.8	246.1	0.0	0.2	30.2	0.0	0.7	0.0
06	78.6	56.6	67.6	2.2	1.9	1.8	380.8	323.7	242.3	126.9	49.8	30.9	3.0	5.9	14.5	49.0	0.0	2.1	30.0	0.0	0.0	0.0
07	81.9	59.9	70.9	3.3	2.6	2.8	492.8	430.8	338.6	194.5	84.4	54.1	0.0	0.0	0.9	11.6	0.1	3.3	31.0	0.0	0.0	0.0
08	79.6	58.2	68.9	2.2	2.5	2.3	431.0	369.6	279.4	144.9	53.9	31.0	0.2	0.8	3.6	24.1	0.0	1.3	31.0	0.0	0.0	0.0
09	73.2	50.7	62.0	3.3	2.7	2.8	233.0	186.6	126.6	54.1	17.1	9.3	24.6	38.3	68.3	145.7	0.0	0.5	29.9	0.0	0.1	0.0
10	60.6	40.3	50.5	2.6	2.6	2.5	57.2	40.6	22.3	6.1	1.3	0.5	198.3	243.6	318.3	457.1	0.0	0.0	25.9	0.0	5.0	0.0
11	46.6	30.5	38.5	5.3	3.4	4.2	5.7	3.0	0.8	0.0	0.0	0.0	499.1	556.4	644.3	793.5	0.0	0.0	12.0	2.9	17.3	0.0
12	35.5	21.7	28.6	4.4	4.8	4.5	0.2	0.1	0.0	0.0	0.0	0.0	818.4	880.3	973.2	1128.3	0.0	0.0	3.0	12.2	26.9	1.0
Summary	57.8	38.4	48.1	3.7	3.5	3.5	1809	1514	1112	567	218	131	4296	4730	5424	6704	0.1	7.4	230.4	51.7	136.2	5.5

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	2.53	14.4	6.4	1.2	0.4	1.26	2.24	3.65	
02	2.30	12.4	5.6	1.5	0.5	1.46	1.84	3.12	
03	2.22	11.2	5.3	1.5	0.3	1.32	2.13	2.76	
04	3.42	12.8	7.7	2.5	0.6	2.52	3.21	4.02	
05	4.30	13.2	8.4	2.7	0.9	2.48	4.32	5.54	
06	3.85	11.1	7.3	2.6	1.0	2.65	3.32	4.73	
07	4.03	9.8	6.8	2.9	1.1	2.74	3.68	4.39	
08	4.41	10.3	7.2	3.0	1.4	2.55	3.56	5.64	
09	3.27	10.9	6.1	2.0	0.7	2.03	2.94	4.10	
10	3.66	12.4	7.2	2.6	0.7	2.34	3.38	4.31	
11	2.75	12.8	6.5	1.7	0.5	1.90	2.55	3.64	
12	2.38	13.7	6.0	1.3	0.2	1.91	2.29	3.00	
Summary	39.12	145.0	80.5	25.5	8.3	25.16	35.46	48.90	

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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	13.10	8.3	5.0	1.5	0.6	0.1	18.4	10.4	6.3	1.3	6.10	10.90	17.90
02	10.70	6.5	3.6	1.0	0.4	0.1	15.8	10.1	6.8	1.7	6.30	9.00	15.80
03	4.90	3.2	2.0	0.4	0.2	0.0	6.0	2.8	1.3	0.0	1.20	2.50	7.40
04	1.10	0.8	0.4	0.1	0.0	0.0	0.4	0.2	0.0	0.0	0.00	0.00	1.70
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	0.10	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	3.60	2.6	1.3	0.4	0.1	0.0	2.4	0.7	0.2	0.0	0.00	1.00	5.60
12	9.20	6.0	3.8	0.8	0.2	0.0	10.0	4.6	1.6	0.0	3.20	9.30	15.90
Summary	42.7	27.5	16.1	4.2	1.5	0.2	53.0	28.8	16.2	3.0	16.8	32.7	64.3

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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	7.1	10.8	74.7	246.2	566.3	827.8	957.7	895.8	658.5	335.3	96.4	17.3
45	1.8	3.6	37.8	145.4	415.9	677.9	802.8	740.8	509.5	211.5	46.7	6.3
50	0.3	1.0	16.8	75.1	278.4	528.1	647.8	585.8	365.4	118.7	19.0	1.6
55	0.0	0.1	7.0	34.1	166.8	380.8	492.8	431.0	233.0	57.2	5.7	0.2
60	0.0	0.0	2.5	12.5	86.5	242.3	338.6	279.4	126.6	22.3	0.8	0.0
Growing Degree Units for Corn (Monthly)												
50/86	3.2	6.4	47.2	149.7	337.3	531.0	635.7	584.4	400.4	187.2	47.8	7.6

Growing Degree Units (Accumulated Monthly)												
40	7	18	93	339	905	1733	2691	3586	4245	4580	4677	4694
45	2	5	43	189	604	1282	2085	2826	3336	3547	3594	3600
50	0	1	18	93	372	900	1548	2133	2499	2617	2636	2638
55	0	0	7	41	208	589	1082	1513	1746	1803	1808	1809
60	0	0	2	15	102	344	682	962	1088	1111	1112	1112
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	10	57	206	544	1075	1710	2295	2695	2882	2930	2938

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