

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 810 ft. Lat: 41.9300° N Lon: 85.6386° W

Station: **THREE RIVERS, MI US USC00208184**

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	31.2	16.7	23.9	4.3	5.7	4.9	0.1	0.1	0.0	0.0	0.0	0.0	962.5	1024.4	1117.4	1272.4	0.0	0.0	2.2	15.9	28.8	3.6
02	34.4	17.8	26.1	5.0	5.7	5.3	0.0	0.0	0.0	0.0	0.0	0.0	809.1	865.1	949.1	1089.1	0.0	0.0	2.9	10.4	26.4	2.0
03	45.0	25.9	35.4	4.9	4.5	4.6	7.5	5.3	2.7	0.4	0.0	0.0	613.5	673.3	763.7	916.5	0.0	0.0	11.2	3.9	24.2	0.4
04	57.8	36.2	47.0	3.6	2.7	3.0	35.6	24.7	13.2	3.6	0.5	0.1	275.6	324.6	403.2	543.6	0.0	0.0	23.2	0.2	11.5	0.0
05	69.4	47.6	58.5	4.1	3.4	3.6	174.7	138.1	92.2	39.7	11.9	6.2	66.2	91.7	138.7	241.2	0.0	0.6	30.2	0.0	1.1	0.0
06	78.6	57.2	67.9	2.4	2.2	2.0	390.8	333.8	252.2	135.2	54.9	33.9	3.9	6.9	15.3	48.3	0.0	3.2	30.0	0.0	0.0	0.0
07	82.3	60.5	71.4	3.2	2.7	2.8	508.3	446.4	354.4	208.6	93.9	60.8	0.0	0.1	1.1	10.2	0.1	5.4	31.0	0.0	0.0	0.0
08	80.2	58.9	69.6	2.5	2.7	2.5	451.1	389.4	298.6	160.8	61.5	35.9	0.1	0.5	2.6	19.8	0.0	2.6	31.0	0.0	0.0	0.0
09	74.1	51.0	62.6	3.4	2.5	2.7	247.8	200.8	138.4	61.4	20.2	11.0	21.4	34.4	62.0	135.0	0.0	1.3	29.9	0.0	0.2	0.0
10	61.2	40.2	50.7	2.5	2.5	2.3	57.0	39.8	20.8	5.3	1.2	0.5	190.3	235.0	309.1	448.6	0.0	0.0	27.5	0.0	6.9	0.0
11	47.4	30.9	39.1	5.1	3.1	3.9	4.7	2.4	0.8	0.1	0.0	0.0	480.2	537.9	626.3	775.6	0.0	0.0	13.6	2.1	18.9	0.0
12	36.1	22.8	29.4	4.6	4.7	4.5	0.4	0.1	0.0	0.0	0.0	0.0	792.4	854.0	947.0	1102.0	0.0	0.0	3.5	9.8	27.3	0.9
Summary	58.1	38.8	48.5	3.8	3.5	3.5	1878	1581	1173	615	244	148	4215	4648	5335	6602	0.1	13.1	236.2	42.3	145.3	6.9

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	2.85	15.2	6.9	1.5	0.3	1.71	2.50	3.83	
02	2.06	11.8	5.1	1.1	0.3	1.26	1.62	2.37	
03	2.30	11.3	6.2	1.3	0.3	1.52	2.08	2.90	
04	3.35	12.7	6.9	2.5	0.7	2.79	3.25	4.00	
05	4.40	13.4	8.0	2.9	1.1	2.53	4.06	5.91	
06	4.10	11.0	6.5	2.7	1.0	2.32	3.98	5.58	
07	3.99	9.7	6.3	2.5	1.2	2.42	3.46	5.07	
08	3.95	10.7	7.0	2.7	1.2	2.37	3.82	4.97	
09	3.58	9.7	5.7	2.2	0.9	1.89	3.08	4.76	
10	3.69	11.9	7.0	2.4	0.9	2.27	3.14	4.56	
11	3.04	12.6	6.9	1.8	0.5	2.04	2.81	4.06	
12	2.35	14.3	6.5	1.2	0.3	1.68	2.32	2.86	
Summary	39.66	144.3	79.0	24.8	8.7	24.80	36.12	50.87	

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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	15.00	9.8	4.9	1.2	0.4	0.1	21.2	13.8	8.3	2.6	7.50	11.70	18.30
02	9.70	7.1	3.3	0.8	0.3	0.0	16.5	10.0	6.9	1.4	3.30	8.40	15.10
03	3.70	3.3	1.6	0.3	0.1	0.0	6.0	2.7	1.3	0.0	1.60	3.50	5.10
04	0.60	0.6	0.3	0.1	0.0	0.0	0.5	0.1	0.0	0.0	0.00	0.00	0.40
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	0.00	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	2.90	1.9	1.2	0.2	0.1	0.0	2.6	0.8	0.2	0.0	0.00	0.70	5.40
12	9.30	7.4	3.2	0.6	0.3	0.0	12.8	5.5	3.0	1.0	3.80	6.10	13.20
Summary	41.2	30.2	14.6	3.2	1.2	0.1	59.7	32.9	19.7	5.0	16.2	30.4	57.5

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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	7.4	10.5	75.4	248.7	574.2	836.8	973.3	915.9	676.4	341.0	98.2	17.8
45	1.8	3.1	38.5	148.2	425.2	686.9	818.3	761.0	527.2	215.9	46.5	6.2
50	0.4	0.6	17.3	79.0	288.1	537.3	663.3	606.0	381.8	121.7	18.4	1.9
55	0.1	0.0	7.5	35.6	174.7	390.8	508.3	451.1	247.8	57.0	4.7	0.4
60	0.0	0.0	2.7	13.2	92.2	252.2	354.4	298.6	138.4	20.8	0.8	0.0
Growing Degree Units for Corn (Monthly)												
50/86	3.0	6.4	48.4	149.9	340.2	537.8	649.6	601.5	414.4	194.0	51.1	7.4
Growing Degree Units (Accumulated Monthly)												
40	7	18	93	342	916	1753	2726	3642	4319	4660	4758	4776
45	2	5	43	192	617	1304	2122	2883	3410	3626	3673	3679
50	0	1	18	97	385	923	1586	2192	2574	2696	2714	2716
55	0	0	8	43	218	609	1117	1568	1816	1873	1878	1878
60	0	0	3	16	108	360	715	1013	1152	1172	1173	1173
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	9	58	208	548	1086	1735	2337	2751	2945	2996	3004

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