

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 875 ft. Lat: 46.3344° N Lon: 86.9200° W
Station: CHATHAM 1 SE, MI US USW00054810

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	23.6	8.7	16.2	4.2	6.1	5.1	0.0	0.0	0.0	0.0	0.0	0.0	1204.1	1266.1	1359.0	1514.2	0.0	0.0	0.0	24.4	30.4	7.9
02	26.2	7.4	16.8	5.3	7.3	6.2	0.0	0.0	0.0	0.0	0.0	0.0	1069.4	1125.4	1209.3	1349.4	0.0	0.0	0.3	21.3	27.8	9.7
03	34.9	16.1	25.5	4.6	5.5	4.9	1.4	0.9	0.4	0.0	0.0	0.0	916.0	977.4	1069.9	1224.5	0.0	0.0	2.9	12.2	28.2	4.8
04	46.6	27.3	36.9	4.5	3.3	3.7	2.6	1.3	0.3	0.0	0.0	0.0	544.0	602.7	691.7	841.5	0.0	0.0	12.4	2.6	22.6	0.2
05	61.4	38.1	49.7	4.0	2.4	3.1	48.1	32.5	16.6	3.5	0.3	0.0	211.0	257.4	334.5	476.4	0.0	0.0	25.3	0.1	9.1	0.0
06	70.5	47.5	59.0	2.5	2.3	2.2	158.7	119.2	73.0	25.2	4.2	1.4	38.8	59.3	103.1	205.3	0.0	0.1	29.8	0.0	0.6	0.0
07	75.5	52.4	63.9	3.4	2.6	2.9	283.7	229.2	155.0	64.7	18.0	8.5	6.3	13.9	32.7	97.3	0.0	1.1	31.0	0.0	0.0	0.0
08	74.5	52.0	63.2	2.4	2.6	2.3	262.1	206.9	133.6	50.0	11.8	5.4	6.5	13.3	33.0	104.3	0.0	0.3	31.0	0.0	0.0	0.0
09	67.0	45.6	56.3	2.8	2.7	2.6	118.7	89.2	54.6	18.8	3.4	1.3	80.0	110.4	165.9	280.0	0.0	0.1	29.6	0.0	1.6	0.0
10	53.2	35.1	44.2	3.4	2.8	2.9	17.1	10.8	4.7	0.8	0.0	0.0	353.3	409.1	495.9	647.1	0.0	0.0	18.1	0.0	13.0	0.0
11	39.8	25.3	32.6	5.0	4.1	4.4	0.2	0.0	0.0	0.0	0.0	0.0	673.8	733.6	823.6	973.6	0.0	0.0	5.4	6.6	23.4	0.6
12	29.0	16.0	22.5	4.2	5.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	1007.4	1069.4	1162.4	1317.4	0.0	0.0	0.2	20.5	29.6	4.3
Summary	50.2	31.0	40.6	3.9	3.9	3.7	893	690	438	163	38	17	6111	6638	7481	9031	0.0	1.6	186.0	87.7	186.3	27.5

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	2.54	19.6	9.4	0.7	0.1	1.98	2.40	3.07	
02	1.91	16.7	7.9	0.5	0.1	1.27	1.92	2.29	
03	2.07	13.5	6.2	0.7	0.1	1.54	2.01	2.63	
04	2.79	12.1	6.4	2.2	0.2	2.05	2.71	3.73	
05	3.39	13.6	7.1	1.9	0.6	2.16	3.12	4.51	
06	3.52	12.5	7.4	2.4	0.8	2.69	3.32	4.19	
07	3.33	11.7	6.1	2.1	0.6	2.05	3.58	4.23	
08	2.89	9.7	4.8	1.8	0.8	1.69	2.90	3.67	
09	4.04	12.3	7.6	2.8	1.1	3.12	4.09	4.64	
10	4.42	16.8	9.4	2.5	1.0	2.91	4.31	5.80	
11	3.37	15.4	8.6	1.9	0.3	2.31	3.24	4.35	
12	2.70	19.1	9.8	1.1	0.2	2.02	2.44	3.39	
Summary	36.97	173.0	90.7	20.6	5.9	25.79	36.04	46.50	

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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	0.0	0.5	13.1	66.2	316.7	570.1	742.3	720.6	489.4	172.3	31.1	1.5
45	0.0	0.0	6.9	28.5	196.3	421.9	587.3	565.6	347.0	91.6	10.6	0.1
50	0.0	0.0	3.5	9.9	106.9	281.0	432.5	411.0	219.5	43.0	2.8	0.0
55	0.0	0.0	1.4	2.6	48.1	158.7	283.7	262.1	118.7	17.1	0.2	0.0
60	0.0	0.0	0.4	0.3	16.6	73.0	155.0	133.6	54.6	4.7	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.5	8.7	51.1	196.4	337.2	455.9	439.5	282.5	91.5	13.9	0.3

Growing Degree Units (Accumulated Monthly)												
40	0	0	14	80	396	967	1709	2430	2919	3091	3122	3124
45	0	0	7	35	232	654	1241	1806	2154	2245	2256	2256
50	0	0	4	13	120	401	834	1245	1464	1507	1510	1510
55	0	0	1	4	52	211	494	757	875	892	893	893
60	0	0	0	1	17	90	245	379	434	438	438	438
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	9	60	257	594	1050	1489	1772	1863	1877	1878

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.