

Summary of Monthly Normals
1991-2020

Current Location: Elev: 599 ft. Lat: 45.3725° N Lon: 84.9767° W
Station: PETOSKEY, MI US USC00206507

Generated on 06/04/2024

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	27.4	15.0	21.2	4.4	5.8	5.0	0.0	0.0	0.0	0.0	0.0	0.0	1047.7	1109.7	1202.7	1357.7	0.0	0.0	0.2	21.0	29.7	3.0
02	28.4	13.7	21.1	4.9	6.5	5.6	0.0	0.0	0.0	0.0	0.0	0.0	950.5	1006.5	1090.5	1230.5	0.0	0.0	0.5	18.2	26.9	3.7
03	36.6	20.2	28.4	4.6	5.2	4.7	1.7	1.2	0.6	0.1	0.0	0.0	826.2	887.7	980.2	1134.6	0.0	0.0	3.9	10.9	27.0	1.8
04	48.1	31.7	39.9	4.2	3.0	3.5	8.5	5.1	2.2	0.3	0.0	0.0	461.5	518.1	605.2	753.3	0.0	0.0	11.9	1.6	16.1	0.0
05	60.8	42.6	51.7	4.0	2.9	3.4	64.4	45.9	26.9	8.6	1.8	1.0	166.7	210.3	284.2	421.0	0.0	0.1	25.7	0.0	1.4	0.0
06	70.3	53.2	61.7	2.7	2.5	2.5	223.3	176.8	117.0	48.9	15.6	8.5	20.9	34.4	64.5	146.5	0.0	0.6	29.9	0.0	0.0	0.0
07	75.2	59.3	67.2	3.1	2.7	2.9	380.7	320.2	233.7	114.7	39.7	22.6	1.0	2.6	9.1	45.0	0.0	0.6	31.0	0.0	0.0	0.0
08	74.9	58.7	66.8	2.4	2.3	2.2	366.3	305.9	219.8	100.6	31.0	17.2	0.6	2.2	9.0	44.9	0.0	0.6	31.0	0.0	0.0	0.0
09	68.9	51.4	60.2	3.0	2.6	2.7	190.5	148.8	96.5	38.4	9.9	5.2	36.1	54.4	92.1	184.0	0.0	0.1	29.7	0.0	0.2	0.0
10	56.0	41.2	48.6	3.2	2.5	2.8	37.1	25.3	13.7	3.9	0.9	0.6	235.5	285.6	367.0	512.3	0.0	0.0	22.2	0.0	3.1	0.0
11	43.7	31.6	37.7	4.3	3.4	3.7	2.3	1.3	0.4	0.0	0.0	0.0	522.8	581.8	670.9	820.5	0.0	0.0	7.8	3.2	15.9	0.0
12	33.6	23.0	28.3	3.8	4.2	3.9	0.0	0.0	0.0	0.0	0.0	0.0	827.7	889.7	982.7	1137.7	0.0	0.0	1.0	13.4	26.7	0.5
Summary	52.0	36.8	44.4	3.7	3.6	3.6	1275	1030	711	315	99	55	5097	5583	6358	7788	0.0	2.0	194.8	68.3	147.0	9.0

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	2.40	18.2	8.5	0.6	0.1	1.58	2.14	3.30	
02	1.66	13.9	5.5	0.6	0.0	0.88	1.62	2.17	
03	1.94	10.8	5.1	1.0	0.1	1.08	1.60	2.99	
04	2.91	11.8	6.7	1.6	0.5	1.92	2.75	4.03	
05	3.07	12.3	7.2	2.2	0.4	2.07	2.96	3.95	
06	2.92	10.6	6.3	1.8	0.6	2.10	2.64	4.07	
07	2.53	10.1	5.5	1.5	0.4	1.78	2.36	3.22	
08	3.25	10.5	6.2	2.1	0.8	2.66	3.17	3.69	
09	3.55	12.2	7.5	2.4	0.6	3.10	3.48	4.34	
10	4.50	16.7	9.8	2.8	0.8	2.52	4.04	6.21	
11	3.04	16.8	8.6	1.6	0.3	1.80	2.79	3.96	
12	2.44	17.3	9.6	0.7	0.2	1.60	2.50	3.27	
Summary	34.21	161.2	86.5	18.9	4.8	23.09	32.05	45.20	

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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	39.30	14.4	12.5	5.7	2.3	0.2					24.90	43.00	48.60
02	27.20	11.3	9.6	3.7	1.3	0.2					20.00	25.00	35.10
03	12.20	5.4	4.6	1.6	0.6	0.1					5.90	13.70	15.70
04	4.50	1.9	1.5	0.6	0.4	0.0					0.00	2.00	3.70
05	0.10	0.1	0.1	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	0.30	0.3	0.3	0.0	0.0	0.0					0.00	0.00	0.00
11	9.40	4.7	3.2	1.0	0.4	0.0					2.10	5.20	13.10
12	30.60	12.3	10.9	5.1	2.4	0.3					17.80	28.80	43.40
Summary	123.6	50.4	42.7	17.7	7.4	0.8	0.0	0.0	0.0	0.0	70.7	117.7	159.6

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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	0.6	2.2	23.5	104.5	369.4	652.4	844.6	830.7	604.4	279.4	66.2	7.1
45	0.0	0.5	10.2	51.2	239.0	502.7	689.6	675.7	455.8	163.2	25.9	1.7
50	0.0	0.1	4.2	23.0	135.6	356.3	534.7	520.7	314.3	83.6	8.1	0.2
55	0.0	0.0	1.7	8.5	64.4	223.3	380.7	366.3	190.5	37.1	2.3	0.0
60	0.0	0.0	0.6	2.2	26.9	117.0	233.7	219.8	96.5	13.7	0.4	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.1	1.0	14.4	58.8	190.0	370.4	533.3	522.3	343.5	122.9	24.4	2.2

Growing Degree Units (Accumulated Monthly)												
40	1	3	26	131	500	1153	1997	2828	3432	3712	3778	3785
45	0	0	11	62	301	804	1493	2169	2625	2788	2814	2815
50	0	0	4	27	163	519	1054	1575	1889	1972	1981	1981
55	0	0	2	10	75	298	679	1045	1235	1272	1275	1275
60	0	0	1	3	30	147	380	600	697	710	711	711
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	16	74	264	635	1168	1690	2034	2157	2181	2183

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