

Summary of Monthly Normals
1981-2010

Current Location: Elev: 618 ft. Lat: 44.7408° N Lon: 85.5825° W
Station: TRAVERSE CITY CHERRY CAPITAL AIRPORT, MI US USW00014850
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	27.8	15.2	21.5	4.3	5.9	5.0	0	0	0	0	0	0	1038	1100	1193	1348	0.0	0.0	0.1	20.5	29.6	2.9
02	30.4	15.0	22.7	4.3	5.2	4.6	-7777	-7777	-7777	-7777	0	0	904	960	1044	1184	0.0	0.0	0.7	15.8	26.3	3.1
03	39.9	21.6	30.8	4.3	3.8	3.9	2	1	1	-7777	-7777	-7777	754	815	907	1062	0.0	0.0	5.4	7.2	26.3	1.5
04	53.8	32.1	43.0	3.9	2.7	3.2	21	15	8	3	1	1	382	436	520	665	0.0	0.0	17.6	0.7	15.8	0.0
05	65.8	41.5	53.7	4.4	3.5	3.8	95	71	45	17	4	2	137	175	241	369	0.0	0.2	28.7	0.0	4.5	0.0
06	75.6	52.3	63.9	3.5	3.1	3.0	284	234	167	81	31	20	15	26	48	112	0.0	1.4	30.0	0.0	0.1	0.0
07	80.2	57.8	69.0	2.9	2.6	2.6	434	373	283	152	63	39	-7777	1	4	28	0.0	2.3	31.0	0.0	0.0	0.0
08	77.9	56.9	67.4	2.7	2.7	2.6	385	325	238	116	42	25	1	2	8	41	0.0	1.3	31.0	0.0	0.0	0.0
09	70.0	49.7	59.8	3.3	2.3	2.6	185	145	94	38	11	6	40	59	99	193	0.0	0.2	29.7	0.0	0.3	0.0
10	57.2	39.2	48.2	3.2	2.5	2.7	37	26	14	4	1	1	248	299	380	525	0.0	0.0	23.0	0.0	6.4	0.0
11	44.1	30.4	37.3	4.0	2.5	3.1	2	1	1	-7777	0	0	535	594	683	832	0.0	0.0	8.3	3.2	18.7	0.0
12	32.3	21.0	26.7	4.5	4.3	4.3	-7777	-7777	0	0	0	0	879	941	1034	1189	0.0	0.0	1.0	14.4	27.1	0.6
Summary	54.6	36.1	45.3	3.8	3.4	3.5	1445	1191	851	411	153	94	4933	5408	6161	7548	0.0	5.4	206.5	61.8	155.1	8.1

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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	2.82	17.1	7.5	1.0	0.2	1.19	2.10	3.56	
02	1.50	12.6	4.9	0.5	-7777	0.73	1.11	2.09	
03	1.86	11.5	5.0	0.9	0.1	1.20	1.78	2.30	
04	2.78	10.8	6.1	1.9	0.3	1.83	2.48	3.57	
05	2.59	10.3	5.7	1.4	0.4	1.59	2.19	3.24	
06	3.16	9.9	5.4	2.0	0.8	1.59	2.82	3.85	
07	3.02	8.9	5.1	2.0	0.8	1.11	2.70	4.24	
08	3.38	10.0	6.1	2.2	0.8	2.15	3.21	3.81	
09	3.53	12.3	7.2	2.2	0.7	2.31	3.36	4.56	
10	3.22	13.2	7.0	1.8	0.6	1.79	2.81	4.31	
11	2.70	14.9	7.3	1.1	0.4	1.65	2.31	3.62	
12	2.49	15.9	6.6	1.0	0.2	1.43	2.30	2.87	
Summary	33.05	147.4	73.9	18.0	5.3	18.57	29.17	42.02	

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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	33.2	17.0	9.8	3.7	1.6	0.3	28.7	25.6	23.0	15.0	22.9	29.4	37.6
02	18.9	11.2	6.0	2.1	0.6	0.1	24.8	21.4	17.6	10.9	7.8	16.2	26.1
03	10.7	7.2	3.5	1.1	0.4	0.0	16.3	10.6	6.5	2.3	4.3	8.5	17.4
04	2.6	2.5	0.8	0.3	-7777	0.0	1.2	0.3	0.0	0.0	0.5	2.0	3.9
05	0.1	0.1	-7777	0.0	0.0	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	9.0	5.8	3.5	0.9	0.2	0.1	6.8	3.1	1.1	0.3	3.5	5.9	9.1
12	26.7	14.3	8.5	2.9	1.0	0.0	19.7	15.4	11.1	4.3	17.9	27.6	32.8
Summary	101.4	58.6	32.2	11.0	3.8	0.5	97.5	76.4	59.3	32.8	56.9	89.6	126.9

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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	1	4	32	157	426	718	899	849	595	269	63	6
45	-7777	1	15	88	287	569	744	694	447	157	26	2
50	0	-7777	6	45	175	422	589	539	307	82	9	-7777
55	0	-7777	2	21	95	284	434	385	185	37	2	-7777
60	0	-7777	1	8	45	167	283	238	94	14	1	0
Growing Degree Units for Corn (Monthly)												
50/86	-7777	1	22	107	261	444	584	542	346	139	29	2

Growing Degree Units (Accumulated Monthly)												
40	1	5	37	194	620	1338	2237	3086	3681	3950	4013	4019
45	0	1	16	104	391	960	1704	2398	2845	3002	3028	3030
50	0	0	6	51	226	648	1237	1776	2083	2165	2174	2174
55	0	0	2	23	118	402	836	1221	1406	1443	1445	1445
60	0	0	1	9	54	221	504	742	836	850	851	851
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	23	130	391	835	1419	1961	2307	2446	2475	2477

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