

Summary of Monthly Normals
1991-2020

Generated on 05/20/2024

Current Location: Elev: 722 ft. Lat: 46.4794° N Lon: 84.3572° W
Station: SAULT STE MARIE SANDERSON FLD, MI US USW00014847

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	24.0	8.4	16.2	4.8	6.9	5.8	0.0	0.0	0.0	0.0	0.0	0.0	1202.6	1264.6	1357.5	1512.6	0.0	0.0	0.0	24.4	30.1	9.1
02	26.4	9.3	17.8	4.8	6.5	5.6	0.0	0.0	0.0	0.0	0.0	0.0	1040.1	1096.1	1180.1	1320.1	0.0	0.0	0.0	20.7	27.5	7.2
03	35.5	17.9	26.7	4.6	4.9	4.7	0.7	0.4	0.2	0.0	0.0	0.0	877.9	939.7	1032.5	1187.3	0.0	0.0	2.3	12.4	27.8	3.0
04	48.5	30.2	39.4	4.5	2.7	3.5	3.4	1.8	0.6	0.0	0.0	0.0	472.9	531.3	620.1	769.5	0.0	0.0	12.5	1.8	18.4	0.0
05	63.2	41.0	52.1	4.2	2.8	3.4	66.2	46.8	25.5	6.7	0.9	0.3	156.2	198.8	270.5	406.7	0.0	0.1	27.3	0.0	4.2	0.0
06	72.5	49.7	61.1	2.7	2.0	2.2	203.7	157.1	97.9	33.0	7.5	3.5	20.7	34.2	65.0	150.1	0.0	0.1	29.9	0.0	0.1	0.0
07	76.8	55.2	66.0	3.6	2.9	3.2	342.8	283.4	200.6	90.9	26.3	13.5	1.9	4.4	14.6	59.9	0.0	0.8	31.0	0.0	0.0	0.0
08	75.8	55.4	65.6	2.5	2.6	2.4	330.0	270.6	187.5	78.7	19.8	9.3	1.5	4.1	14.0	60.2	0.0	0.3	31.0	0.0	0.0	0.0
09	68.0	48.7	58.4	3.1	3.0	3.0	152.5	115.0	70.5	25.0	5.8	2.6	52.1	74.6	120.2	224.6	0.0	0.1	29.5	0.0	0.4	0.0
10	54.1	38.5	46.3	3.0	2.4	2.6	20.1	12.2	5.3	1.1	0.2	0.1	289.8	343.9	429.9	580.8	0.0	0.0	19.3	0.0	7.1	0.0
11	41.2	28.3	34.8	4.4	3.9	4.1	0.9	0.3	0.2	0.0	0.0	0.0	608.4	667.9	757.7	907.5	0.0	0.0	4.8	5.9	19.9	0.1
12	30.5	17.1	23.8	4.3	5.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0	967.1	1029.1	1122.1	1277.1	0.0	0.0	0.3	18.1	28.5	3.3
Summary	51.4	33.3	42.4	3.9	3.8	3.8	1120	888	588	235	60	29	5691	6189	6984	8456	0.0	1.4	187.9	83.3	164.0	22.7

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	2.21	18.5	7.2	0.7	0.1	1.36	2.24	2.92	
02	1.51	13.5	5.1	0.3	0.0	0.90	1.19	1.82	
03	1.81	12.3	4.9	0.9	0.1	1.30	1.67	2.57	
04	2.63	11.7	6.5	1.6	0.3	1.76	2.41	3.61	
05	2.64	11.2	6.1	1.5	0.3	1.75	2.62	3.28	
06	2.85	11.1	6.0	1.9	0.4	1.91	2.76	3.61	
07	3.07	11.3	6.4	2.0	0.6	1.99	3.11	3.89	
08	3.19	10.6	6.5	1.8	0.6	2.14	3.07	4.03	
09	3.93	13.1	8.4	2.5	0.7	2.46	3.57	5.39	
10	4.38	16.5	9.9	2.4	0.9	3.16	4.09	5.62	
11	3.44	16.5	8.9	1.7	0.4	2.64	3.33	4.02	
12	2.80	18.6	8.4	1.0	0.2	2.05	2.63	3.34	
Summary	34.46	164.9	84.3	18.3	4.6	23.42	32.69	44.10	

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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	30.30	19.6	9.6	3.0	1.0	0.1	30.7	30.6	29.6	23.5	23.90	28.40	37.30
02	20.70	15.5	6.9	2.0	0.5	0.0	28.5	28.5	28.5	27.5	12.50	19.10	30.50
03	13.00	10.4	4.1	1.4	0.4	0.0	28.5	27.6	26.9	24.1	9.60	12.70	15.80
04	7.60	5.5	2.4	0.8	0.2	0.0	12.2	10.0	8.0	5.5	3.50	7.50	9.00
05	0.40	0.5	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.30
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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	1.70	2.0	0.4	0.1	0.0	0.0	0.4	0.1	0.0	0.0	0.00	0.60	2.10
11	16.00	10.3	5.2	1.5	0.6	0.1	11.0	6.9	3.8	0.8	8.70	13.70	17.60
12	30.40	17.4	9.2	2.9	1.3	0.1	25.5	22.7	20.2	9.1	20.10	28.80	35.40
Summary	120.1	81.3	37.9	11.7	4.0	0.3	136.9	126.4	117.0	90.5	78.3	110.8	148.0

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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	0.1	0.4	13.2	88.7	379.3	632.9	805.9	793.5	550.6	219.2	41.7	2.9
45	0.0	0.0	5.2	36.5	244.2	483.1	650.9	638.4	403.3	117.6	13.4	0.5
50	0.0	0.0	2.0	12.7	138.6	337.0	496.0	483.6	267.0	54.0	3.8	0.1
55	0.0	0.0	0.7	3.4	66.2	203.7	342.8	330.0	152.5	20.1	0.9	0.0
60	0.0	0.0	0.2	0.6	25.5	97.9	200.6	187.5	70.5	5.3	0.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.0	7.3	54.3	219.2	374.5	502.2	491.5	308.8	96.4	13.9	0.9

Growing Degree Units (Accumulated Monthly)												
40	0	0	14	102	482	1115	1920	2714	3265	3484	3525	3528
45	0	0	5	42	286	769	1420	2058	2462	2579	2593	2593
50	0	0	2	15	153	490	986	1470	1737	1791	1795	1795
55	0	0	1	4	70	274	617	947	1099	1119	1120	1120
60	0	0	0	1	26	124	325	512	583	588	588	588
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	7	62	281	655	1158	1649	1958	2054	2068	2069

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