

## Summary of Monthly Normals 1991-2020

Generated on 05/11/2026

Current Location: Elev: 2151 ft. Lat: 47.3164° N Lon: 116.5789° W

Station: **SAINT MARIES, ID US USC00108062**

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	36.7	24.2	30.4	3.0	4.1	3.5	0.0	0.0	0.0	0.0	0.0	0.0	761.0	823.0	916.0	1071.0	0.0	0.0	0.8	7.5	25.5	1.2
02	41.5	25.2	33.4	4.3	4.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	606.1	662.1	746.1	886.1	0.0	0.0	3.8	3.2	22.2	0.5
03	49.6	29.5	39.5	3.6	2.2	2.6	0.2	0.1	0.0	0.0	0.0	0.0	479.2	541.1	634.0	789.0	0.0	0.0	14.1	0.6	21.0	0.1
04	58.0	34.9	46.5	3.4	1.9	2.5	11.9	6.8	2.4	0.2	0.0	0.0	268.4	323.2	408.9	556.6	0.0	0.0	24.0	0.0	10.2	0.0
05	67.8	42.0	54.9	3.4	2.1	2.5	88.4	62.0	33.3	7.8	0.8	0.2	91.5	127.2	191.5	321.0	0.0	0.3	30.3	0.0	2.4	0.0
06	73.7	47.8	60.8	3.5	1.9	2.5	191.4	146.2	90.7	33.2	8.9	4.7	18.8	33.6	68.2	160.6	0.1	1.3	29.8	0.0	0.0	0.0
07	84.3	52.1	68.2	4.1	2.3	3.0	409.8	349.6	263.7	139.4	52.7	31.5	0.8	2.5	9.7	40.3	0.4	8.2	31.0	0.0	0.0	0.0
08	84.5	51.0	67.8	2.6	2.1	2.1	396.3	336.5	251.1	127.6	45.5	26.1	1.1	3.3	11.0	42.4	0.5	8.3	31.0	0.0	0.0	0.0
09	74.5	43.7	59.1	3.6	2.2	2.3	158.9	119.6	72.4	23.0	4.3	1.6	36.0	56.7	99.5	200.0	0.0	1.5	29.9	0.0	1.1	0.0
10	58.7	35.6	47.2	3.1	2.6	2.4	14.2	8.0	3.1	0.2	0.0	0.0	257.5	313.3	401.4	553.5	0.0	0.0	26.1	0.1	10.1	0.0
11	43.7	29.6	36.6	3.4	3.1	3.1	0.3	0.2	0.0	0.0	0.0	0.0	550.8	610.6	700.4	850.5	0.0	0.0	5.7	2.1	18.7	0.1
12	35.8	24.4	30.1	2.6	3.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0	771.7	833.7	926.7	1081.7	0.0	0.0	0.5	9.0	26.5	0.6
Summary	59.1	36.7	47.9	3.4	2.6	2.8	1271	1029	717	331	112	64	3843	4330	5113	6553	1.0	19.6	227.0	22.5	137.7	2.5

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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	4.41	16.1	11.6	2.8	0.6	3.79	4.39	4.99	
02	2.99	12.9	7.8	1.7	0.4	2.16	2.59	3.39	
03	3.28	14.2	8.7	1.7	0.2	1.89	2.69	4.28	
04	2.30	12.9	7.6	1.0	0.1	1.53	2.22	2.80	
05	2.43	12.4	7.0	1.1	0.2	1.60	2.46	3.14	
06	2.12	10.7	6.0	1.0	0.2	1.53	1.86	2.54	
07	0.79	5.0	2.3	0.3	0.1	0.16	0.40	0.94	
08	0.74	4.1	2.1	0.4	0.3	0.19	0.35	1.26	
09	1.04	6.3	3.2	0.5	0.1	0.54	0.77	1.49	
10	2.42	11.2	6.3	1.5	0.3	0.98	1.96	3.61	
11	4.15	15.0	10.1	2.6	0.5	3.24	3.98	5.00	
12	4.44	15.6	10.8	3.0	0.5	3.05	4.14	5.30	
Summary	31.11	136.4	83.5	17.6	3.5	20.66	27.81	38.74	

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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	16.30	8.9	5.2	2.1	0.8	0.0	19.7	16.0	12.7	7.2	7.20	13.30	19.30
02	8.60	5.7	2.9	1.2	0.4	0.0	14.0	11.5	10.0	6.7	2.20	5.40	15.20
03	5.20	3.7	1.4	0.5	0.1	0.0	7.2	5.8	4.7	2.9	1.00	3.10	5.90
04	0.70	0.9	0.3	0.0	0.0	0.0	0.4	0.2	0.0	0.0	0.00	0.10	0.70
05	0.10	0.2	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	0.20	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	6.60	3.5	1.9	0.7	0.3	0.0	4.9	2.9	1.8	0.0	0.80	2.20	7.40
12	18.30	8.9	5.0	2.2	0.9	0.1	15.6	10.0	8.5	4.2	5.90	11.70	24.70
Summary	56.0	31.9	16.8	6.7	2.5	0.1	61.9	46.4	37.7	21.0	17.1	35.8	73.2

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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	3.9	13.0	65.0	203.9	462.1	622.6	873.9	860.0	573.1	238.7	41.7	4.2
45	0.3	1.8	16.0	98.1	313.5	472.7	719.0	705.1	424.4	120.6	12.0	0.6
50	0.0	0.1	2.2	38.6	183.8	325.0	564.2	550.2	281.4	46.9	2.3	0.0
55	0.0	0.0	0.2	11.9	88.4	191.4	409.8	396.3	158.9	14.2	0.3	0.0
60	0.0	0.0	0.0	2.4	33.3	90.7	263.7	251.1	72.4	3.1	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.1	7.6	48.3	130.8	279.6	367.8	542.2	535.7	365.7	148.0	16.5	0.6

Growing Degree Units (Accumulated Monthly)												
40	4	17	82	286	748	1370	2244	3104	3678	3916	3958	3962
45	0	2	18	116	430	902	1621	2326	2751	2872	2884	2884
50	0	0	2	41	225	550	1114	1664	1946	1992	1995	1995
55	0	0	0	12	100	292	702	1098	1257	1271	1271	1271
60	0	0	0	2	36	126	390	641	714	717	717	717
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	9	57	188	467	835	1377	1913	2279	2427	2443	2444

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

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