

Summary of Monthly Normals
1991-2020

Current Location: Elev: 1486 ft. Lat: 47.2472° N Lon: 91.8625° W
Station: **BRIMSON 2S, MN US USC00210989**
Generated on 06/02/2024

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	17.6	-3.7	7.0	5.2	7.2	6.1	0.0	0.0	0.0	0.0	0.0	0.0	1489.4	1551.4	1644.4	1799.5	0.0	0.0	0.0	27.8	31.0	18.4
02	23.3	-1.6	10.9	6.0	7.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0	1236.1	1292.1	1376.1	1516.2	0.0	0.0	0.5	21.9	27.8	15.9
03	35.6	11.0	23.3	5.1	6.1	5.5	0.4	0.2	0.0	0.0	0.0	0.0	983.2	1045.0	1137.8	1292.8	0.0	0.0	4.3	11.4	29.8	8.9
04	48.2	24.0	36.1	4.5	3.4	3.7	2.6	1.5	0.5	0.0	0.0	0.0	569.6	628.5	717.5	867.1	0.0	0.0	14.2	2.1	25.6	0.6
05	62.8	35.7	49.2	3.7	3.5	3.3	47.8	34.3	19.0	5.2	0.6	0.2	226.1	274.6	352.3	493.5	0.0	0.0	27.5	0.0	14.1	0.0
06	71.5	45.5	58.5	2.8	2.2	2.2	148.8	110.2	63.3	19.2	3.8	1.7	43.8	65.2	108.4	214.2	0.0	0.3	29.9	0.0	2.8	0.0
07	76.3	49.8	63.0	3.3	2.5	2.6	257.5	203.3	132.6	50.0	10.8	4.6	8.1	15.8	38.2	110.5	0.0	1.0	31.0	0.0	0.2	0.0
08	74.4	48.2	61.3	2.8	2.7	2.5	211.8	162.7	102.5	36.0	8.6	4.2	16.5	29.4	62.3	150.8	0.0	0.5	31.0	0.0	1.0	0.0
09	65.5	41.4	53.4	2.9	3.3	2.7	80.4	57.6	32.7	9.3	1.9	1.0	127.0	164.2	229.3	355.8	0.0	0.0	28.8	0.0	7.3	0.0
10	50.3	30.5	40.4	3.8	2.9	3.0	6.8	3.6	1.2	0.1	0.0	0.0	459.4	518.2	608.8	762.7	0.0	0.0	15.5	1.2	20.2	0.0
11	34.4	18.0	26.2	6.0	5.3	5.5	0.0	0.0	0.0	0.0	0.0	0.0	864.0	924.0	1014.0	1164.0	0.0	0.0	3.3	13.7	28.0	3.6
12	22.4	4.3	13.4	5.2	6.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0	1291.0	1353.0	1446.0	1601.1	0.0	0.0	0.0	24.9	30.9	12.8
Summary	48.5	25.3	36.9	4.3	4.5	4.1	756	573	352	120	26	12	7314	7861	8735	10328	0.0	1.8	186.0	103.0	218.7	60.2

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	0.96	8.7	3.1	0.3	0.0	0.59	0.86	1.25
02	0.94	7.0	3.2	0.3	0.1	0.45	0.81	1.32
03	1.23	7.8	3.6	0.4	0.1	0.62	1.14	1.62
04	2.18	8.8	5.4	1.3	0.1	1.39	2.07	2.61
05	3.07	12.4	7.1	1.7	0.5	2.15	2.80	3.69
06	4.02	12.3	8.2	2.7	0.9	3.16	3.66	4.87
07	4.08	12.1	8.0	2.5	0.9	2.71	3.86	5.06
08	3.55	10.3	6.2	2.3	0.9	2.65	3.45	4.36
09	3.42	11.3	6.7	1.9	0.8	2.07	3.28	4.38
10	2.73	12.0	6.4	1.6	0.5	2.04	2.63	3.44
11	1.69	10.0	4.7	0.8	0.2	1.04	1.47	2.25
12	1.30	9.5	3.8	0.5	0.0	0.67	1.22	1.73
Summary	29.17	122.2	66.4	16.3	5.0	19.54	27.25	36.58

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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	14.10	8.8	4.7	1.2	0.5	0.1	31.0	28.9	25.9	20.2	7.50	11.90	16.20
02	12.00	7.0	4.0	1.2	0.5	0.0	28.3	28.2	26.1	21.6	6.50	9.80	15.20
03	7.80	5.1	2.9	0.9	0.2	0.0	27.0	25.8	24.3	19.1	4.50	6.00	10.20
04	7.20	3.2	2.3	0.9	0.3	0.1	10.0	7.7	6.2	2.6	1.10	6.40	10.60
05	0.30	0.2	0.1	0.0	0.0	0.0	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	0.0	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	1.70	1.2	0.8	0.2	0.1	0.0	1.6	0.5	0.2	0.0	0.00	0.70	2.20
11	11.10	6.6	3.5	1.1	0.4	0.1	14.9	9.6	4.8	1.1	6.90	9.30	11.80
12	15.60	9.0	4.9	1.4	0.6	0.2	27.9	23.0	17.3	9.8	7.30	14.40	24.00
Summary	69.8	41.1	23.2	6.9	2.6	0.5	140.8	123.7	104.8	74.4	33.8	58.5	90.2

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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	0.0	0.5	11.1	61.9	303.7	555.0	714.3	660.1	407.7	116.6	13.4	0.0
45	0.0	0.0	3.6	25.2	186.5	406.8	559.4	505.4	273.4	56.5	3.7	0.0
50	0.0	0.0	1.5	8.8	99.7	267.0	405.0	352.9	161.1	23.4	0.4	0.0
55	0.0	0.0	0.4	2.6	47.8	148.8	257.5	211.8	80.4	6.8	0.0	0.0
60	0.0	0.0	0.0	0.5	19.0	63.3	132.6	102.5	32.7	1.2	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.7	10.8	61.3	213.1	345.4	453.3	417.4	252.7	74.6	9.4	0.0

Growing Degree Units (Accumulated Monthly)												
40	0	0	12	74	377	932	1646	2307	2714	2831	2844	2844
45	0	0	4	29	215	622	1182	1687	1960	2017	2021	2021
50	0	0	2	10	110	377	782	1135	1296	1319	1320	1320
55	0	0	0	3	51	200	457	669	749	756	756	756
60	0	0	0	0	20	83	215	318	351	352	352	352
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	12	73	286	631	1085	1502	1755	1829	1839	1839

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