

Summary of Monthly Normals
1991-2020

Generated on 05/01/2024

Current Location: Elev: 680 ft. Lat: 44.7597° N Lon: 92.8689° W

Station: HASTINGS DAM 2, MN US USC00213567

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	24.1	5.7	14.9	4.6	6.8	5.6	0.0	0.0	0.0	0.0	0.0	0.0	1242.8	1304.9	1397.9	1553.0	0.0	0.0	0.1	23.8	30.9	11.7
02	29.0	8.7	18.8	6.0	7.9	6.8	0.0	0.0	0.0	0.0	0.0	0.0	1012.0	1068.1	1152.1	1292.2	0.0	0.0	0.6	17.6	27.2	8.1
03	41.1	21.8	31.4	5.6	5.6	5.5	3.5	2.4	1.2	0.3	0.0	0.0	733.5	794.4	886.3	1040.4	0.0	0.0	6.1	7.7	25.1	2.2
04	56.4	35.7	46.1	5.1	3.7	4.2	27.0	17.9	8.6	1.9	0.3	0.1	295.6	346.5	427.1	570.4	0.0	0.1	19.9	0.6	9.6	0.0
05	68.6	47.8	58.2	3.5	3.0	3.0	159.8	123.3	79.1	32.1	10.0	5.4	60.7	86.1	135.0	242.9	0.0	0.5	29.7	0.0	0.3	0.0
06	78.8	58.6	68.7	2.6	2.2	2.3	413.3	356.0	273.3	151.3	61.8	38.7	2.5	5.1	12.5	40.4	0.0	1.7	30.0	0.0	0.0	0.0
07	83.0	63.3	73.1	3.2	2.6	2.8	562.5	500.7	408.1	258.1	128.5	87.8	0.0	0.1	0.5	5.5	0.0	3.7	31.0	0.0	0.0	0.0
08	80.9	61.3	71.1	2.4	2.4	2.3	499.0	437.2	345.5	200.4	85.9	54.4	0.0	0.2	1.5	11.3	0.0	1.6	31.0	0.0	0.0	0.0
09	73.4	53.1	63.2	3.3	3.0	3.0	269.4	221.0	156.7	74.8	26.9	15.7	22.0	33.6	59.3	127.4	0.0	0.5	29.8	0.0	0.1	0.0
10	59.4	40.0	49.7	4.0	3.0	3.3	54.5	38.5	21.7	7.4	1.7	0.8	218.8	264.7	341.0	481.7	0.0	0.0	24.0	0.1	5.7	0.0
11	43.0	26.6	34.8	6.6	4.9	5.7	3.2	1.6	0.5	0.0	0.0	0.0	609.2	667.6	756.5	906.0	0.0	0.0	8.0	6.6	21.6	0.3
12	29.7	13.7	21.7	5.1	6.1	5.5	0.0	0.0	0.0	0.0	0.0	0.0	1032.1	1094.2	1187.2	1342.2	0.0	0.0	0.5	18.5	29.9	5.6
Summary	55.6	36.4	46.0	4.3	4.3	4.2	1992	1699	1295	726	315	203	5229	5665	6357	7613	0.0	8.1	210.7	74.9	150.4	27.9

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 680 ft. Lat: 44.7597° N Lon: 92.8689° W
Station: **HASTINGS DAM 2, MN US USC00213567**

Summary of Monthly Normals
1991-2020
Generated on 05/01/2024

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	0.90	8.3	3.0	0.2	0.0	0.52	0.82	1.08	
02	0.91	7.4	2.4	0.4	0.1	0.48	0.81	1.23	
03	1.78	8.6	4.1	1.1	0.2	0.98	1.60	2.49	
04	3.10	11.9	7.3	2.1	0.4	2.00	2.93	3.62	
05	4.33	13.1	8.4	3.0	0.9	3.01	4.27	5.68	
06	4.94	13.1	8.7	3.1	1.4	3.65	4.74	5.90	
07	4.37	10.8	7.1	2.8	1.3	2.64	3.69	5.41	
08	4.23	10.1	6.6	2.7	1.3	2.78	3.67	4.98	
09	3.21	9.7	5.7	2.0	0.9	1.53	2.53	5.23	
10	2.61	10.4	5.6	1.7	0.5	1.29	2.61	3.55	
11	1.72	8.0	3.7	1.0	0.2	0.87	1.27	2.25	
12	1.23	9.1	3.5	0.4	0.2	0.67	1.13	1.43	
Summary	33.33	120.5	66.1	20.5	7.4	20.42	30.07	42.85	

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 680 ft. Lat: 44.7597° N Lon: 92.8689° W
Station: **HASTINGS DAM 2, MN US USC00213567**

Summary of Monthly Normals
1991-2020
Generated on 05/01/2024

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	2.9	43.5	229.5	564.9	860.7	1027.3	963.8	697.3	323.3	63.5	3.3
45	0.0	0.6	19.6	134.4	414.0	710.6	872.3	808.8	548.1	203.9	28.6	0.8
50	0.0	0.1	8.5	65.9	274.6	561.0	717.5	653.9	403.0	113.3	11.1	0.1
55	0.0	0.0	3.5	27.0	159.8	413.3	562.5	499.0	269.4	54.5	3.2	0.0
60	0.0	0.0	1.2	8.6	79.1	273.3	408.1	345.5	156.7	21.7	0.5	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.1	1.8	28.6	133.5	322.2	555.1	697.4	644.1	423.5	176.0	35.7	1.8

Growing Degree Units (Accumulated Monthly)												
40	0	3	46	276	841	1702	2729	3693	4390	4713	4777	4780
45	0	1	20	155	569	1279	2152	2960	3508	3712	3741	3742
50	0	0	9	74	349	910	1628	2282	2684	2798	2809	2809
55	0	0	4	30	190	604	1166	1665	1934	1989	1992	1992
60	0	0	1	10	89	362	770	1116	1272	1294	1295	1295
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	2	30	164	486	1041	1739	2383	2806	2982	3018	3020

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.