

Summary of Monthly Normals
1991-2020

Generated on 05/20/2024

Current Location: Elev: 1200 ft. Lat: 48.4089° N Lon: 93.0483° W
Station: **KABETOGAMA, MN US USC00214191**

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	15.7	-7.8	3.9	5.5	8.6	6.9	0.0	0.0	0.0	0.0	0.0	0.0	1582.2	1644.1	1737.2	1892.3	0.0	0.0	0.0	27.7	31.0	19.8
02	21.2	-5.4	7.9	6.4	8.5	7.4	0.0	0.0	0.0	0.0	0.0	0.0	1318.6	1374.5	1458.6	1598.7	0.0	0.0	0.3	21.7	27.8	17.3
03	34.9	9.7	22.3	5.4	6.3	5.7	1.2	0.8	0.5	0.0	0.0	0.0	1015.0	1076.7	1169.3	1323.8	0.0	0.0	4.9	11.7	29.3	9.1
04	49.3	23.3	36.3	4.9	3.7	4.1	1.9	1.0	0.2	0.0	0.0	0.0	562.9	622.0	711.2	861.0	0.0	0.0	15.5	2.9	25.6	0.6
05	63.6	36.6	50.1	4.0	3.9	3.6	51.6	35.5	17.7	3.8	0.4	0.1	203.6	249.6	324.7	465.8	0.0	0.2	27.0	0.0	11.5	0.0
06	73.3	47.7	60.5	3.0	2.9	2.7	193.3	148.2	91.2	30.1	6.5	3.1	28.5	43.4	76.4	165.2	0.0	0.3	30.0	0.0	0.8	0.0
07	77.5	51.8	64.7	3.3	2.4	2.7	302.3	244.6	165.7	66.0	16.3	7.8	3.2	7.6	21.7	76.9	0.0	1.2	31.0	0.0	0.0	0.0
08	75.9	49.3	62.6	2.9	2.3	2.4	247.5	194.9	126.3	47.5	11.8	5.1	12.0	21.4	45.9	122.0	0.0	0.3	30.9	0.0	0.0	0.0
09	66.4	41.8	54.1	3.3	3.4	3.1	92.6	68.2	39.3	11.4	2.2	0.9	119.7	155.3	216.5	338.5	0.0	0.1	29.3	0.0	3.8	0.0
10	51.1	30.9	41.0	4.1	2.7	3.1	10.7	6.8	2.8	0.4	0.0	0.0	444.7	502.8	591.8	744.4	0.0	0.0	16.7	1.0	17.5	0.0
11	34.1	17.3	25.7	6.3	5.5	5.8	0.0	0.0	0.0	0.0	0.0	0.0	879.1	939.1	1029.0	1179.0	0.0	0.0	3.6	12.6	27.5	2.6
12	20.8	2.4	11.6	6.0	7.1	6.4	0.0	0.0	0.0	0.0	0.0	0.0	1345.2	1407.2	1500.2	1655.3	0.0	0.0	0.0	24.9	30.8	12.6
Summary	48.6	24.8	36.7	4.6	4.8	4.5	901	700	444	159	37	17	7515	8044	8882	10423	0.0	2.1	189.2	102.5	205.6	62.0

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	1.05	8.0	3.4	0.4	0.0	0.66	0.85	1.50	
02	0.72	7.0	2.8	0.2	0.0	0.36	0.67	1.12	
03	0.97	5.7	3.6	0.7	0.2	0.42	0.60	1.07	
04	1.77	6.7	4.8	0.9	0.2	1.29	1.75	2.10	
05	3.26	11.8	7.6	2.2	0.6	2.42	2.90	4.37	
06	4.65	13.0	9.0	3.2	0.9	3.39	4.35	5.12	
07	4.22	11.5	7.2	2.6	0.8	2.95	3.86	4.63	
08	3.05	10.0	6.3	2.3	0.7	1.31	3.06	4.32	
09	4.07	12.0	7.7	2.8	0.8	2.79	3.47	5.03	
10	2.33	10.6	6.3	1.3	0.4	1.40	2.30	3.13	
11	1.79	8.0	4.0	0.9	0.1	1.04	1.49	2.41	
12	1.11	8.8	4.0	0.4	0.1	0.68	1.09	1.47	
Summary	28.99	113.1	66.7	17.9	4.8	18.71	26.39	36.27	

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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	11.3	68.8	329.2	614.6	763.8	700.2	426.0	130.2	12.5	0.0
45	0.0	0.0	4.2	26.7	204.2	465.8	608.9	545.4	290.6	65.7	3.3	0.0
50	0.0	0.0	2.1	8.1	111.1	322.3	454.1	392.2	175.4	29.2	0.2	0.0
55	0.0	0.0	1.2	1.9	51.6	193.3	302.3	247.5	92.6	10.7	0.0	0.0
60	0.0	0.0	0.5	0.2	17.7	91.2	165.7	126.3	39.3	2.8	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.5	11.9	72.3	224.5	378.0	478.7	441.5	262.1	84.0	10.0	0.0

Growing Degree Units (Accumulated Monthly)												
40	0	0	12	81	410	1024	1788	2488	2914	3045	3057	3057
45	0	0	4	31	235	701	1310	1855	2146	2211	2215	2215
50	0	0	2	10	121	444	898	1290	1465	1495	1495	1495
55	0	0	1	3	55	248	550	798	890	901	901	901
60	0	0	0	1	18	110	275	402	441	444	444	444
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	12	85	309	687	1166	1607	1870	1954	1964	1964

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