

Summary of Monthly Normals
1991-2020

Generated on 06/05/2024

Current Location: Elev: 1842 ft. Lat: 48.9675° N Lon: 102.1703° W
Station: NORTHGATE 5 ESE, ND US USW00094084

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	18.1	-2.0	8.0	5.1	6.9	5.8	0.0	0.0	0.0	0.0	0.0	0.0	1455.2	1517.2	1610.3	1765.2	0.0	0.0	0.1	24.4	30.9	15.6
02	20.9	1.3	11.1	8.2	9.5	8.8	0.0	0.0	0.0	0.0	0.0	0.0	1228.9	1285.0	1369.1	1509.0	0.0	0.0	0.1	23.3	27.9	15.5
03	33.2	13.6	23.4	7.5	6.2	6.7	0.3	0.1	0.0	0.0	0.0	0.0	979.8	1041.7	1134.6	1289.6	0.0	0.0	4.9	13.9	29.6	6.1
04	51.7	26.5	39.1	5.9	4.0	4.8	3.7	1.9	0.7	0.1	0.0	0.0	480.7	539.0	627.7	777.1	0.0	0.0	15.7	3.6	22.6	0.6
05	64.9	38.3	51.6	3.2	2.9	2.6	57.4	38.8	19.2	4.5	0.3	0.0	162.9	206.3	279.7	419.9	0.0	0.1	29.1	0.0	7.5	0.0
06	72.7	49.1	60.9	2.4	3.0	2.4	194.2	146.4	83.7	20.5	2.4	0.8	17.4	29.5	56.8	143.7	0.0	0.2	29.7	0.0	0.1	0.0
07	78.1	52.7	65.4	3.3	2.2	2.6	322.9	262.7	177.0	68.6	15.8	7.2	0.7	2.4	9.7	56.3	0.1	1.3	31.0	0.0	0.0	0.0
08	78.3	50.2	64.3	3.5	2.2	2.6	291.4	235.6	161.0	67.5	18.2	8.6	4.9	11.0	29.4	91.0	0.2	3.1	31.0	0.0	0.0	0.0
09	68.5	41.0	54.7	3.9	2.6	2.8	96.3	69.7	40.3	12.5	1.7	0.6	104.0	137.4	197.9	320.1	0.0	0.4	28.6	0.0	2.8	0.0
10	52.3	28.0	40.1	4.2	3.0	3.3	7.4	4.4	2.2	0.5	0.0	0.0	467.7	526.7	617.5	770.8	0.0	0.0	16.8	2.5	21.7	0.0
11	34.1	14.6	24.3	7.5	5.3	6.2	0.2	0.0	0.0	0.0	0.0	0.0	919.6	979.5	1069.5	1219.5	0.0	0.0	4.9	12.0	28.5	4.3
12	21.3	3.0	12.1	7.6	7.3	7.4	0.0	0.0	0.0	0.0	0.0	0.0	1328.1	1390.1	1483.2	1638.1	0.0	0.0	0.3	23.9	30.9	12.9
Summary	49.5	26.4	37.9	5.2	4.6	4.7	974	760	484	174	38	17	7150	7666	8485	10000	0.3	5.1	192.2	103.6	202.5	55.0

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

Current Location: Elev: 1842 ft. Lat: 48.9675° N Lon: 102.1703° W
Station: **NORTHGATE 5 ESE, ND US USW00094084**

Summary of Monthly Normals
1991-2020
Generated on 06/05/2024

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	0.40	8.3	0.9	0.0	0.0	0.13	0.31	0.64	
02	0.37	8.0	1.3	0.0	0.0	0.28	0.33	0.41	
03	0.63	7.4	1.5	0.2	0.1	0.28	0.49	0.87	
04	0.91	7.9	2.9	0.6	0.0	0.47	0.94	1.17	
05	2.27	9.8	5.2	1.8	0.3	1.43	2.11	2.75	
06	3.70	11.5	6.4	1.9	0.9	2.47	3.25	4.61	
07	2.51	8.9	4.2	1.2	0.5	1.38	1.87	3.01	
08	1.37	7.6	3.6	1.1	0.4	0.54	0.99	1.90	
09	1.49	7.7	4.0	0.9	0.4	0.75	1.22	2.10	
10	1.04	7.2	2.9	0.6	0.1	0.49	0.81	1.35	
11	0.54	7.5	1.7	0.1	0.0	0.32	0.49	0.75	
12	0.46	10.0	1.3	0.0	0.0	0.23	0.39	0.56	
Summary	15.69	101.8	35.9	8.4	2.7	8.77	13.20	20.12	

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

Summary of Monthly Normals
1991-2020

Generated on 06/05/2024

Current Location: Elev: 1842 ft. Lat: 48.9675° N Lon: 102.1703° W
Station: **NORTHGATE 5 ESE, ND US USW00094084**

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	0.6	16.2	114.2	367.7	626.8	787.2	751.5	447.6	121.2	11.0	0.5
45	0.0	0.1	5.5	50.7	234.2	477.5	632.2	596.5	309.6	59.1	3.1	0.0
50	0.0	0.0	1.2	15.9	128.3	330.5	477.2	441.8	189.7	23.5	0.8	0.0
55	0.0	0.0	0.3	3.7	57.4	194.2	322.9	291.4	96.3	7.4	0.2	0.0
60	0.0	0.0	0.0	0.7	19.2	83.7	177.0	161.0	40.3	2.2	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.5	17.0	100.1	238.3	368.8	489.6	469.4	286.3	99.3	14.0	0.3

Growing Degree Units (Accumulated Monthly)												
40	0	1	17	131	499	1126	1913	2664	3112	3233	3244	3244
45	0	0	6	56	290	768	1400	1997	2306	2365	2368	2368
50	0	0	1	17	145	476	953	1395	1585	1608	1609	1609
55	0	0	0	4	61	256	578	870	966	974	974	974
60	0	0	0	1	20	104	281	442	482	484	484	484
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	18	118	356	725	1214	1684	1970	2069	2083	2084

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.