

Summary of Monthly Normals
1991-2020

Current Location: Elev: 1750 ft. Lat: 46.8128° N Lon: 100.9097° W
Station: **MANDAN EXP STN, ND US USC00325479**
Generated on 06/03/2024

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	22.5	2.7	12.6	6.0	6.2	6.0	0.0	0.0	0.0	0.0	0.0	0.0	1314.1	1376.2	1469.2	1624.3	0.0	0.0	0.5	21.4	30.8	13.6
02	27.1	6.4	16.7	8.1	8.4	8.2	0.0	0.0	0.0	0.0	0.0	0.0	1070.8	1126.8	1210.8	1350.9	0.0	0.0	1.5	16.9	27.7	10.5
03	39.6	18.3	29.0	7.1	5.7	6.3	1.0	0.6	0.1	0.0	0.0	0.0	808.7	870.2	962.7	1117.6	0.0	0.0	8.2	10.3	28.3	3.3
04	54.1	30.4	42.3	4.8	3.3	3.9	14.5	9.4	4.3	0.9	0.1	0.1	397.1	451.9	536.9	683.4	0.0	0.1	19.2	1.9	17.2	0.1
05	66.5	42.6	54.5	3.4	2.3	2.6	108.9	80.9	48.1	15.8	3.6	1.8	122.9	156.9	217.1	339.8	0.0	0.3	28.7	0.0	4.0	0.0
06	76.0	53.0	64.5	3.1	2.2	2.5	295.4	242.9	171.4	77.7	24.3	13.8	10.5	18.0	36.5	92.8	0.1	1.2	29.9	0.0	0.0	0.0
07	82.6	58.0	70.3	4.1	2.5	3.2	474.6	413.7	324.3	188.1	85.3	56.7	0.5	1.5	5.1	23.9	0.6	5.7	31.0	0.0	0.0	0.0
08	81.8	55.5	68.7	3.4	2.3	2.6	426.1	366.8	281.1	156.9	66.0	41.9	3.1	5.8	13.1	43.8	0.4	6.0	31.0	0.0	0.0	0.0
09	72.1	45.8	59.0	3.4	2.8	2.7	180.2	142.9	95.7	41.6	12.9	6.9	61.9	84.6	127.4	223.2	0.1	1.5	29.3	0.0	1.6	0.0
10	56.1	32.1	44.1	4.9	2.8	3.5	23.6	15.7	7.6	1.4	0.1	0.0	361.4	415.5	500.5	649.3	0.0	0.1	20.9	1.3	15.7	0.0
11	39.9	19.1	29.5	7.1	4.6	5.6	0.2	0.0	0.0	0.0	0.0	0.0	765.2	825.0	915.0	1065.0	0.0	0.0	7.9	9.4	27.7	1.8
12	27.4	8.4	17.9	6.9	6.1	6.4	0.0	0.0	0.0	0.0	0.0	0.0	1149.9	1211.9	1304.9	1460.0	0.0	0.0	1.6	19.5	30.9	8.8
Summary	53.8	31.0	42.4	5.2	4.1	4.5	1524	1273	933	482	192	121	6066	6544	7299	8674	1.2	14.9	209.7	80.7	183.9	38.1

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

Current Location: Elev: 1750 ft. Lat: 46.8128° N Lon: 100.9097° W
Station: **MANDAN EXP STN, ND US USC00325479**

Summary of Monthly Normals
1991-2020
Generated on 06/03/2024

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	0.38	4.3	1.2	0.0	0.0	0.16	0.30	0.54	
02	0.40	4.1	1.2	0.1	0.0	0.18	0.29	0.48	
03	0.59	4.3	1.7	0.2	0.0	0.29	0.43	0.83	
04	1.27	6.4	3.6	0.5	0.1	0.67	1.16	1.67	
05	2.59	9.3	5.6	1.6	0.6	1.31	2.06	2.84	
06	3.44	10.7	6.7	2.4	0.8	2.39	3.03	4.44	
07	3.24	8.8	5.9	2.0	0.7	1.60	2.69	3.94	
08	2.19	6.8	3.5	1.3	0.6	0.98	1.73	2.71	
09	1.64	6.1	3.5	0.9	0.4	1.09	1.43	1.82	
10	1.47	6.0	3.2	0.7	0.2	0.57	1.15	1.66	
11	0.63	3.6	1.5	0.2	0.1	0.06	0.36	1.07	
12	0.52	4.7	1.6	0.1	0.0	0.18	0.44	0.56	
Summary	18.36	75.1	39.2	10.0	3.5	9.48	15.07	22.56	

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

Current Location: Elev: 1750 ft. Lat: 46.8128° N Lon: 100.9097° W
Station: **MANDAN EXP STN, ND US USC00325479**

Summary of Monthly Normals
1991-2020
Generated on 06/03/2024

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	1.1	2.8	37.7	163.9	458.6	734.9	939.1	887.9	570.2	204.2	30.2	1.6
45	0.1	0.8	15.0	88.1	320.5	585.1	784.1	733.0	426.2	115.9	9.9	0.3
50	0.0	0.2	4.8	39.3	200.7	436.6	629.1	578.5	292.8	57.0	2.7	0.0
55	0.0	0.0	1.0	14.5	108.9	295.4	474.6	426.1	180.2	23.6	0.2	0.0
60	0.0	0.0	0.1	4.3	48.1	171.4	324.3	281.1	95.7	7.6	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.2	3.5	34.6	116.7	274.2	452.1	606.7	564.8	349.5	141.0	30.0	2.7
Growing Degree Units (Accumulated Monthly)												
40	1	4	42	206	664	1399	2338	3226	3796	4000	4031	4032
45	0	1	16	104	424	1010	1794	2527	2953	3069	3079	3079
50	0	0	5	44	245	682	1311	1889	2182	2239	2242	2242
55	0	0	1	16	124	420	894	1320	1501	1524	1524	1524
60	0	0	0	4	52	224	548	829	925	933	933	933
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	5	39	156	430	882	1489	2054	2403	2544	2574	2577

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.