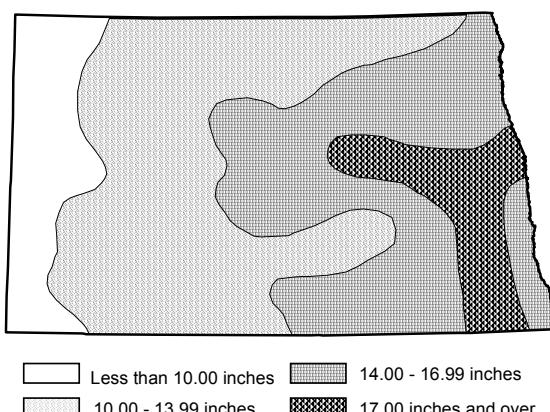


CROP & WEATHER DATA, 2003

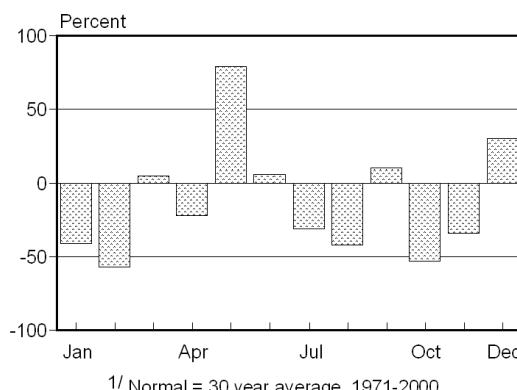
GROWING SEASON HIGHLIGHTS

- ◆ Spring tillage and planting for 2003 started earlier than in 2002 and the five-year (1998-2002) average due to warm, dry conditions during April. The statewide average starting date was April 17.
- ◆ Small grain planting started in mid-April, ahead of 2002 and the average. Planting of most late season crops started ahead of the average, but fell behind in late May due to cool, wet weather. As of May 25, planting progress for all late season crops, except sugarbeets and corn, was behind average.
- ◆ Small grain harvest started in late July, equal to the average pace. Hot, dry weather during August enabled producers to make excellent harvest progress. Small grain harvest, with the exception of durum, was virtually complete as of September 7, well ahead of 2002 and the average.
- ◆ Producers made good progress harvesting late season and oilseed crops during late September and October due to warm, dry conditions. Snowfall in late October across much of the state temporarily halted harvest of the remaining late season crops. Harvest for the remaining late season crops was virtually complete by early November, ahead of 2002 and the average.
- ◆ As of November 9, statewide subsoil moisture supplies were rated 32 percent very short, 43 short, 25 adequate and 0 surplus. Soil moisture supplies in the west and south central regions of the state were rated mostly very short to short.
- ◆ We would like to extend a special thank you to all the county agents and county FSA directors as well as UND for their weather report. Without this input, our weekly Crop, Livestock and Weather report would not be possible.

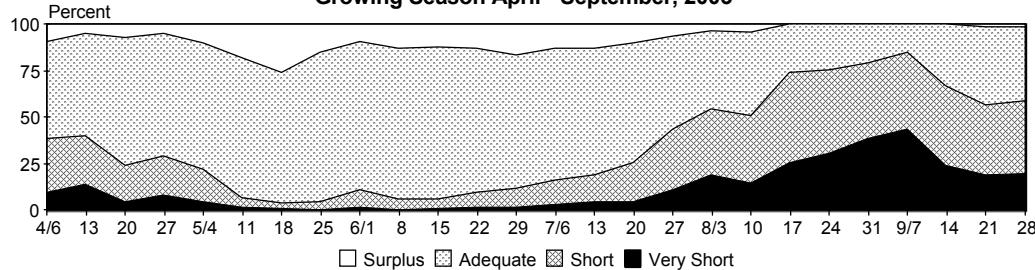
Growing Season Precipitation
April-September, 2003



Monthly Precipitation
Departure From Normal^{1/}, 2003



Topsoil Moisture Supplies
Growing Season April - September, 2003



WEATHER DATA
MONTHLY PRECIPITATION, North Dakota, 2003

Districts and Stations	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
Crosby	0.51 *	0.25	0.91	1.51	1.69 *	1.43	1.52	0.97	0.93	1.09	0.82 *	0.60	12.23 *
Fortuna 1 W	M	M	1.51 *	2.57	2.37	1.57 *	1.00	0.90	0.20 *	1.45 *	0.71	0.75	M
Kenmare 1 WSW	0.44	0.35 *	0.98	2.21	2.77	1.30 *	2.24 *	1.95	1.55	0.93	1.22 *	1.61 *	17.55 *
Minot Exp Station	0.49 *	0.38 *	0.48 *	1.28 *	3.63	2.11	1.70	0.71	1.61	0.61	0.96	0.76	14.72 *
Mohall	0.06	M	0.14 *	1.68 *	3.02	2.07	2.44	2.41	1.35	0.00 *	0.65	0.53	M
Powers Lake 1 N	0.36	0.33	0.88	1.50 *	2.63	1.84	2.93	2.84	0.46 *	0.97	0.66 *	0.73	16.13 *
Tioga 1 F	0.40	0.19	0.73	1.48	2.43	1.88	2.93	0.99	0.48 *	1.08	0.60	0.84 *	14.03 *
Wildrose 3 NW	0.53	0.27	0.91	1.32	2.03	1.85	2.62	0.35	0.70 *	1.09	0.94	0.73	13.34 *
Williston Exp Farm	0.28	0.25	1.79	1.21	2.95	2.45	1.63	1.22	0.44	0.89	0.35	0.34	13.80
NORTHWEST	0.38	0.24	0.94	1.66	2.77	2.07	2.13	1.39	1.19	0.86	0.68	0.61	14.92
Bottineau	0.58	0.21	0.12	1.04	2.73	3.07	1.60	M	2.21	0.51	0.60	0.56	M
Drake 9 NE	0.52	0.28	0.88	0.41	2.99	2.60	2.48	1.10	2.01	0.28	0.48	0.62	14.65
Leeds	0.37	0.22	1.11	1.75	3.52	2.47	2.96	1.32	2.66	0.68	0.92	0.28	18.26
Rolla 3 NW	0.25	0.18 *	0.24	0.47	3.05	2.10	1.12	1.66	3.58	0.37	0.29	0.34	13.65 *
Rugby	0.42	0.20	0.26	0.53 *	3.50	2.66	2.31	1.50	3.10	0.80	0.79	0.42	16.49 *
Upham 3 N	0.52	0.25	0.35	1.19	3.16	1.71 *	1.71	0.79	1.55	0.67	0.92	0.87	13.69 *
Velva 3 NE	0.64	0.40	0.65	0.99	3.87	2.58	2.97	2.02 *	1.60	0.80	0.58 *	0.82 *	17.92 *
Westhope	0.41	0.29	0.26	1.84	2.37	3.72	1.16	2.35	1.88	1.00	0.61	0.60	16.49
Willow City	0.43 *	0.18 *	0.56 *	0.92	2.93	1.74	1.46	1.18	2.76	0.56	0.51	0.22 *	13.45 *
NORTH CENTRAL	0.43	0.24	0.49	1.05	3.10	2.56	1.91	1.54	2.40	0.59	0.61	0.51	15.43
Cavalier 7 NW	0.04	0.10 *	0.74	1.48	3.67	3.79	1.59	1.38	1.24	0.59	0.25	0.54	15.41 *
Devils Lake KDLR	0.54 *	0.10	0.71	0.73	3.81	3.80	3.38	2.10	1.19	0.60	0.64	0.71	18.31 *
Edmore 1 NW	0.18	0.14	1.24	1.42	3.74	3.23	3.18	2.07	1.85	0.39	0.55	0.59	18.58
Grafton	T	0.00 *	0.65 *	1.33 *	4.55	2.50	2.20	1.25	1.40	0.00 *	0.00 *	M	M
Grand Forks FAA AP	0.22	0.19	0.47	1.00	4.27	3.25	2.87	1.00	2.38	0.73	0.71	0.67	17.76
Hansboro 4 NNE	0.08	0.00 *	0.06	0.45	2.62	1.37 *	0.62	1.21	3.10	0.52	0.35	0.27 *	10.65 *
Langdon Exp Farm	0.18	0.21	0.71	1.02	M	3.43	1.92	1.81	1.44	0.32	0.32	0.54	M
Pembina	0.17	0.30	0.79	1.00	4.17	4.64	1.94	2.94	1.63	1.02	0.42	1.31 *	20.33 *
Petersburg 2 N	0.53 *	0.12 *	0.69	0.79	4.06	4.00	4.98	1.69	1.08	0.48 *	0.57 *	0.65 *	19.64 *
NORTHEAST	0.13	0.19	0.68	1.05	4.03	3.69	2.57	1.56	1.75	0.63	0.50	0.61	17.39
Beulah 1 W	0.25	0.40	1.07	1.03	4.35	2.97	2.20	0.82	2.65	0.27	0.65	0.41 *	17.07 *
Center 4 SE	0.17	0.10 *	0.51	0.84 *	4.42	2.64	1.40	0.49	2.62	0.42	0.43	0.42	14.46 *
Dickinson Ranch HQ	0.94	0.41	3.46	1.30	4.34	4.42 *	2.03	0.82	2.37	0.74	0.62	0.67 *	19.12 *
Garrison 1 NNW	0.18 *	0.28 *	0.51 *	0.79	M	2.98	3.99	1.37	2.34	0.49	0.41	0.45	M
Keene 3 S	0.48	0.40	1.14	0.98	3.76	3.04	1.32	0.95	0.67 *	0.94	0.55	0.59	14.82 *
Max	0.40	0.32 *	0.78	0.69	4.94	4.10	2.12	0.67	2.66	0.52	0.32	0.27	17.79 *
Turtle Lake	0.14 *	0.18 *	0.69 *	0.53	4.78	2.75	2.10	1.41	2.22	0.40	0.27	0.55	16.02 *
Watford City	0.62	0.30	1.86	0.85	2.48	2.18	1.55	1.53	0.62	0.71	0.37	0.66	13.73
WEST CENTRAL	0.39	0.24	1.33	0.78	4.12	2.85	2.07	1.04	2.03	0.56	0.40	0.50	16.31
Carrington	0.54	0.11 *	0.78	1.13	5.51	3.61	2.48	3.10	1.37	0.53	0.46	0.50	20.12 *
Harvey	0.15	0.00 *	1.05	0.85	4.08	4.35 *	3.41	M	2.64	0.70	0.36	0.38	M
Jamestown Municipal AP	0.13	0.02	0.21	0.88	5.85	3.24	1.39	0.61	1.10	0.37	0.09	0.47	14.36
McClusky	0.38	0.28	0.53 *	0.47	4.98	4.35 *	2.13	1.50	2.23	0.28	0.26 *	0.50	17.89 *
Steele 3 N	0.23	0.32	0.26	0.97	5.09	3.82	1.10	0.33	1.40	0.43	0.41	0.64	15.00
Streeter 7 NW	0.12	0.11	0.17 *	0.90	5.58	3.92	0.62	1.30	0.88	0.28	0.28	0.36 *	14.52 *
CENTRAL	0.24	0.18	0.52	0.92	5.29	3.56	2.22	1.36	1.38	0.45	0.37	0.57	17.06
Casselton Agronomy Frm	0.24 *	0.06	M	M	M	M	M	0.64	1.72	1.15	0.36	0.56	M
Colgate	0.27 *	0.08	0.44	0.67	5.40	4.25	1.94	2.09	3.36	0.53 *	M	0.77	M
Cooperstown	0.13 *	0.08 *	0.72 *	0.61 *	4.12	4.44	3.50	3.30	1.43	0.58	0.00 *	1.05	19.96 *
Fargo Intl AP	0.26	0.18	0.63	1.32	4.24	4.56	1.72	1.06	1.40	1.34	0.53	1.18	18.42
Mayville	0.22	0.18 *	0.51	0.88	5.21	8.05	4.29	2.35	3.69	0.75	0.32	0.76	27.21 *
Valley City 3 NNW	0.24	0.09	0.33	0.82	7.04	4.30	1.26	0.93	2.49	0.63	0.33	0.46	18.92
EAST CENTRAL	0.24	0.10	0.48	0.92	5.20	5.12	2.54	1.63	2.54	0.94	0.37	0.78	20.86
Amidon	0.26 *	0.10 *	2.39 *	0.65 *	3.34	2.77	0.80	0.61	2.95	0.43	0.24 *	0.32 *	14.86 *
Beach	0.41	0.38	2.12	0.53	2.82	2.98	1.52 *	1.06	2.32	0.87	0.48	0.85	16.34 *
Bowman	0.76	0.34 *	2.08	0.98	3.63	2.70	0.45	M	M	0.88	0.73	0.92	M
Dickinson Exp Station	0.41 *	0.26 *	2.40	0.69	2.67	2.81	0.93	1.46	2.94	0.72	0.32	0.96 *	16.57 *
Fairfield	0.13	0.09 *	2.15 *	1.31 *	2.56	2.42	1.79	1.10	1.56	0.30 *	0.38 *	0.57	14.36 *
Mott	0.22	0.13	1.19 *	0.83 *	2.60	1.02 *	1.15	1.93 *	3.31	0.55	0.58	0.48 *	13.99 *
New England	0.06	0.06 *	2.39	0.72	3.02	2.13 *	0.67	1.09	3.34	0.50	0.42	0.21	14.61 *
Richardton Abbey	0.19 *	0.06 *	0.77 *	0.70	4.34	1.91 *	0.97	0.67	2.72	0.33	0.19	0.60	13.45 *
Trotters 3 SSE	0.59	0.21	1.90	0.67	2.44	2.70	1.31	1.14	0.94	0.72	0.34	0.71	13.67
SOUTHWEST	0.35	0.16	2.30	0.74	3.05	2.55	0.93	0.99	2.79	0.57	0.40	0.56	15.39
Almont	0.27 *	0.14 *	1.30	0.86 *	4.16	2.21	1.13	0.72 *	2.08	0.26 *	0.77 *	0.47 *	14.37 *
Bismarck Municipal AP	0.26	0.22	0.43	0.85	5.26	2.11	1.36	0.26	1.77	0.62	0.43	0.48	14.05
Breien	0.05 *	M	0.13 *	0.85	4.91	3.74	1.69	M	0.96	0.86	0.31	0.38	M
Hazelton	0.20	0.30	0.25	0.79	5.00	6.00 *	1.25	0.10 *	1.15	0.35	0.25 *	0.65 *	16.29 *
Heart Butte Dam	0.31	0.11	0.40	0.66	3.16	1.20 *	0.65	1.22	1.77	0.61	0.64	0.33	11.06 *
Mandan Exp Station	0.28	0.18	0.35	0.82	6.11	2.18	0.89	0.68	1.77	0.56	0.55	0.53	14.90
New Salem 5 NW	0.21	0.12	0.72	0.66	3.66	3.20	0.58	0.48	2.07	0.41	0.32	0.57	13.00
Pretty Rock	0.23	0.19	0.88	1.19	2.45	2.71	0.68	2.79	3.11	0.25	0.78	0.53	15.79
SOUTH CENTRAL	0.27	0.24	0.63	0.87	4.60	2.94	1.04	0.83	1.94	0.54	0.51	0.49	14.90
Ashley	0.23	0.19	0.12	1.41 *	4.32	4.00	2.52	0.56	1.25	0.63	0.27	0.30	15.80 *
Forman 5 SSE	0.31	M	0.18	2.84	M	5.84	M	M	1.34	1.17	0.96	0.87	M
Fullerton 1 ESE	0.38 *	0.12	0.39	1.73	6.40	4.80	1.19	0.68	1.77	0.40	0.57 *	0.24	18.67 *
Lidgerwood	0.22	0.11	0.32	2.12	M	7.46	1.68	1.23	1.59	1.24	M	M	M
Lisbon	0.20 *	0.05 *	0.15 *	3.08 *	5.77	5.07	1.54	0.49	1.33	M	0.32 *	0.40 *	M
McLeod 3 E	0.08	0.07	0.33	1.81	M	4.89	1.53	0.55	1.06	1.13	1.01 *	0.87 *	M
Napoleon	0.43	0.45	0.45	1.26	3.63	5.24	2.04	0.56	1.16	0.43	0.38	0.57	16.60
SOUTHEAST	0.25	0.17	0.25	1.84	5.20	5.15	1.70	0.76	1.35	0.86	0.54	0.46	18.53
STATE	0.30	0.20	0.85	1.09	4.15	3.39							

WEATHER DATA
MONTHLY PRECIPITATION, North Dakota, 2002

Districts and Stations	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
Crosby	0.67*	0.16	0.35*	0.69	1.06	2.97	2.77	2.56	1.01	0.73	0.27*	0.68*	M
Fortuna 1 W	1.35*	T	M	0.52*	0.82	2.64	1.88	2.16	1.00	1.31	0.00*	0.25*	M
Kenmare 1 WSW	0.46*	0.15*	1.03*	1.50	1.44	2.98	1.08*	M	1.50*	0.69*	0.19	2.00	M
Minot Exp Station	0.25	0.10	1.01	1.65	2.01	4.06	1.93	3.15	0.85	1.03*	M	0.98	M
Mohall	0.29*	0.07	0.35	1.29*	1.38*	3.55	1.72	5.38	1.13	0.84	0.00*	0.96*	M
Powers Lake 1 N	0.96*	0.22	0.61	0.97	0.68	3.92	1.78*	2.78	0.54*	0.55	0.11	0.76	13.88*
Tioga 1 E	0.90	0.04*	0.82	0.77	1.24	4.56	3.00	3.29	0.44	0.55	0.10	0.45	16.16*
Wildrose 3 NW	0.83	0.08	0.57	0.97	1.21	3.80	3.00	2.55	0.91	0.79	0.08	0.84	15.63
Williston Exp Farm	0.56	0.44	0.57	0.75	1.37	3.86	2.34	1.33	0.36	0.99	0.13	0.46	13.16
NORTHWEST	0.56	0.18	0.66	1.08	1.29	3.74	2.24	2.81	0.79	0.83	0.14	0.79	15.11
Bottineau	0.27	0.03	0.55	0.95	2.23	5.57	0.85	3.42	0.80	0.55	0.18	1.10	16.50
Drake 9 NE	0.25	0.16	0.45	1.50	1.06	6.01	1.80	3.98	1.03	0.94	0.22	1.48	18.88
Leeds	0.27	0.06	0.40	1.27*	1.01	5.82	1.31*	6.60	2.18	0.66	0.07	0.65	20.30*
Rolla 3 NW	0.15	0.13	0.35	0.41	1.22	4.58	0.85	5.16	1.32	0.31	0.15	0.54	15.17
Rugby	0.37	0.00	0.46	0.73*	0.77	6.09	1.28	3.29	0.81	0.68*	0.00*	M	M
Upham 3 N	0.27	0.21	0.69	0.85	1.59	3.38	0.80	3.35	0.93	0.72	0.21	1.24	14.24
Velva 3 NE	0.45*	0.22	1.00	2.48	1.68	6.84	2.24*	6.52	1.42	0.96	0.20	1.20	25.21*
Westhope	0.40	0.17	0.68	0.72	2.15	4.54	0.98	5.77	0.97	0.54	0.20	1.13	18.25
Willow City	0.32*	0.10	0.62*	0.98	1.09	2.87	0.74	2.64	1.18	0.63	0.80*	1.48*	M
NORTH CENTRAL	0.28	0.09	0.53	1.12	1.46	5.35	1.05	4.32	1.19	0.62	0.15	1.05	17.21
Cavalier 7 NW	0.05	0.02	0.20	0.67	1.70	8.46	1.88	4.75	3.31	0.30	0.13	0.34	21.81
Devils Lake KDLR	0.20	0.07	0.36	0.57	0.97	4.27	2.18	4.94	2.14	0.61	0.18	0.67*	17.16*
Edmore 1 NW	0.38	0.07	0.48	0.74	1.30	6.92	1.15	5.46	2.41	0.57	0.05*	0.46	19.99*
Grafton	M	M	0.00*	0.11	1.29	5.11	2.13	8.30	M	0.15	M	0.00*	M
Grand Forks FAA AP	0.06	0.03	0.37	0.77	1.66	6.03	4.36	6.21	0.87	1.00	0.21	0.32	21.89
Hansboro 4 NNE	0.11*	0.00*	M	0.65	1.15	4.30	0.98	8.62	1.27	0.06	0.02*	0.24	M
Langdon Exp Farm	0.17	0.04	0.37	0.58	0.94	6.37	1.25	M	2.26	0.49	0.04	0.39	M
Pembina	0.09	T	0.29*	0.69*	2.14	8.89	1.44	3.71	2.03	0.50	0.28	0.51	20.57*
Petersburg 2 N	0.09*	0.02*	0.42*	0.93*	1.82*	5.88	2.30	3.49	1.00	0.91*	0.25*	0.60	M
NORTHEAST	0.14	0.04	0.36	0.61	1.46	6.34	2.85	5.68	1.73	0.56	0.17	0.40	20.44
Beulah 1 W	0.22	0.10*	0.30*	1.42	1.27	4.39	2.39	2.42	0.38	0.65*	0.26*	0.30*	M
Center 4 SE	0.48*	0.20	0.87*	1.91	1.09	2.90	2.67	1.43*	0.59*	0.85	0.08*	0.50*	M
Dickinson Ranch HQ	0.45	0.20*	0.72	1.14	2.18*	5.41	4.27	4.24	0.74	0.88	0.49	0.99	21.71*
Garrison 1 NNW	0.60*	0.05*	0.82	1.91	1.06	4.29	2.28	5.21	0.42*	0.82	0.02*	0.42*	M
Keene 3 S	0.55	0.16	0.89	1.69	1.27	4.22	4.16	2.93	1.16	1.16	0.27	0.98	19.44
Max	0.43*	0.12	1.25	1.38	0.99	4.66	1.99	3.53	0.88	0.85	0.08	0.80	16.96*
Turtle Lake	0.44	0.09	1.13*	1.80*	1.16	4.95	2.27	3.48	1.39	0.70*	0.00*	0.41*	M
Watford City	0.38	0.17	0.88	1.03	1.45	4.07	3.27	1.58	0.46	1.02	0.17	0.63	15.11
WEST CENTRAL	0.36	0.21	0.74	1.47	1.28	4.23	3.12	2.82	0.98	0.95	0.20	0.70	17.06
Carrington	0.21*	0.04	0.60	1.65	1.00	3.02	4.16	2.85	0.86	1.00	0.24	0.77	16.40*
Harvey	0.22*	0.00	0.28	1.31	0.73	3.60	2.98	M	1.05	0.79	0.10	0.93	M
Jamestown Municipal AP	0.01	0.01	0.11	1.00	0.71	2.18	4.32	2.21	1.24	1.21	0.10	0.24	13.34
McClusky	0.38*	0.12	0.66	1.52	0.81	2.66	1.65	3.37*	0.55	0.62	0.04	0.78	13.16*
Steele 3 N	0.21	0.15*	0.61	1.31*	0.79	2.12	4.95	1.25	0.38	0.69	0.04	0.59	13.09*
Streeter 7 NW	M	0.08	0.40*	1.16*	0.52	2.47	6.22	0.97*	2.46	1.12*	0.06	0.61	M
CENTRAL	0.17	0.03	0.43	1.40	0.85	2.70	3.88	2.84	0.99	0.78	0.11	0.68	14.86
Casselton Agronomy Frm	0.28	0.02	0.97	1.34	1.85	4.08	3.48	2.82*	2.38	1.49	0.26	0.54	19.51*
Colgate	0.19*	0.03	0.46*	1.45*	1.26	1.88*	8.31	3.87*	2.59	1.10	0.32	0.63	M
Cooperstown	M	0.00*	0.08*	2.12	1.17	2.45*	4.79	4.09	1.53	1.17*	0.01*	0.72	M
Fargo Intl AP	0.21	0.12	1.06	1.26	3.87	4.76	5.65	3.73	1.73	1.44	0.15	0.83	24.81
Mayville	M	M	M	M	1.91	3.91	10.44	5.40	1.35	1.27	0.28	0.65	M
Sharon	0.05*	T	0.52*	1.07*	M	M	M	M	M	M	M	M	M
Valley City 3 NNW	0.23	0.02	0.72	1.25	1.27	3.30*	4.39	M	1.80	1.01	0.20	0.65	M
EAST CENTRAL	0.24	0.04	0.92	1.49	1.89	4.25	6.18	4.41	1.91	1.26	0.24	0.67	23.50
Amidon	M	0.28	0.52	0.87*	0.71	3.16	1.45	0.68	0.58	0.67	0.14	0.43	M
Beach	0.92	0.35	1.18	1.56	1.28	2.38*	2.04	2.82	0.86	1.04	0.13	0.60	13.16*
Bowman	0.62	0.33	0.69	1.23	0.56	2.94	1.43	0.53	0.78	0.65*	0.10	0.51*	10.37*
Dickinson Exp Station	0.13*	0.52*	0.77	1.39*	1.06	4.75	2.98	2.81	0.17	1.31	0.16*	0.54	M
Fairfield	0.42	0.30	0.56	1.36*	0.92*	4.18	3.08	1.57	0.20*	0.35*	0.14*	0.17*	M
Mott	0.30	0.30	0.50	1.40	0.70	1.26*	3.24	0.81	0.27	0.76*	0.21*	0.66*	M
New England	0.15*	0.50	0.66	1.74	1.31	2.71	1.74	1.12	0.50	1.18	0.17	0.35	12.13*
Richardson Abbey	0.23*	0.32*	0.56*	1.38	1.21	2.99	2.66	2.27	0.28	0.61	0.24	0.67	13.42*
Trotters 3 SSE	0.35	0.33	0.71	1.65	1.25	1.98	2.72	0.81	0.66	0.94*	0.24	0.37	12.01*
SOUTHWEST	0.40	0.30	0.67	1.39	0.98	3.12	2.37	1.21	0.45	0.87	0.14	0.41	12.31
Almont	0.39*	0.00*	0.96*	1.31*	0.80	1.98	2.76	2.23	0.33	0.96	0.22	0.41*	M
Bismarck Municipal AP	0.33	0.13	0.79	1.15	0.52	1.53	2.61	2.39	0.62	0.79	0.12	0.32	11.30
Breien	0.19	0.04	0.27	0.10	0.41	1.03	3.68	1.19	0.59	0.83	0.09	0.00*	8.42*
Hazelton	0.40*	0.00*	0.50	1.55	1.00	1.05	3.45	1.75	0.35	0.70*	0.00*	0.50	M
Heart Butte Dam	0.34	0.14	0.64	1.30	0.89	1.55	3.07*	1.74	0.56	1.01	0.21	0.51*	11.96*
Mandan Exp Station	0.21	0.12	0.44	1.28	0.76	1.52*	3.53	0.94	1.51	0.77	0.16	0.25	11.49*
New Salem 5 NW	0.42	0.31	0.68	1.71	0.88	1.66	1.56	1.72	0.70	0.75	0.17	0.60	11.16
Pretty Rock	0.47	0.20	0.72	1.03	0.55	0.89	1.91	0.94	0.35	1.34	0.12	0.40	8.92
SOUTH CENTRAL	0.49	0.17	0.64	1.34	0.72	1.68	3.18	1.50	0.60	0.85	0.13	0.45	11.75
Ashley	0.19*	0.03	0.62*	0.90	1.10	1.60	4.74	4.96	1.94	1.20	0.07	0.33	17.68*
Forman 5 SSE	M	0.00*	0.87	1.79*	2.06	4.08*	7.01	2.16	M	1.79	0.07	0.49	M
Fullerton 1 ESE	0.28*	0.04*	0.70*	1.46	1.47	2.24	3.85	2.51	2.37	1.17	0.08	0.33*	M
Gackle	0.18	0.06	0.22*	1.90	1.05	1.74*	6.67*	2.47	0.48*	M	M	M	M
Lidgerwood	0.12	0.03*	0.53	1.53	1.94	2.94	5.20	2.91	2.13	2.07	0.15	0.40	19.95*
Lisbon	0.12*	0.00*	0.55*	1.70	1.70	0.82*	4.11*	1.58	0.20	1.78	0.08*	0.61*	M
McLeod 3E	0.29	0.02	0.75*	1.89	2.27	2.03	3.20	2.75	0.15	2.11	0.02	0.16*	15.64*
Napoleon	0.47	0.05	0.80	1.31	0.54	1.54	3.28	1.19	0.96	0.88	0.05	0.66	11.73
SOUTHEAST	0.31	0.03	0.73	1.53	1.59	2.59	4.56	2.47	1.39	1.57	0.04	0	

WEATHER DATA
MONTHLY TEMPERATURE, North Dakota, 2003

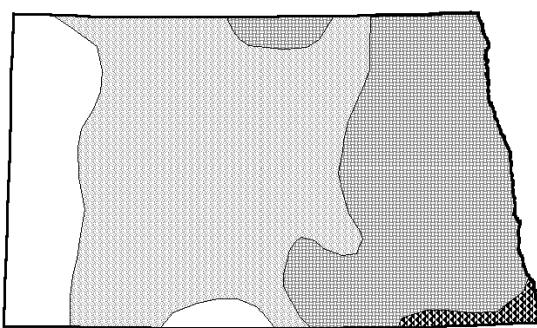
Districts and Stations	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
----- Degrees Fahrenheit -----													
Crosby	10.0	9.6	22.9	46.2	55.3	63.1	71.6	73.6	56.5	48.3	15.0	17.1	40.8
Fortuna 1 W	7.8	5.9	19.0	43.0	52.1	60.5	69.7	70.9	53.6	45.2	11.3	M	M
Kenmare 1 WSW	9.9	5.4	20.9	42.7	54.2	63.4	69.6	72.0	54.9	45.8*	15.9	19.3*	39.5*
Minot Exp Station	10.5	6.8	20.8	44.6	53.9	62.2	69.6	72.5	57.4	48.2	16.5	20.3	40.3
Mohall	8.7	4.9	18.1	43.9	52.0*	61.8	67.8*	70.8	56.1	47.9*	12.7	16.3	38.4*
Powers Lake 1 N	6.2	4.2	18.2	43.2	53.3	59.7	68.2	70.5	52.7	44.7	11.4	13.9	37.2
Tioga 1 E	7.5	5.1	18.3	43.1	51.3	59.0	67.2	72.1	53.4	45.2	13.8	15.2	37.6
Wildrose 3 NW	8.3	6.0	19.0	44.0	52.4	60.2	68.6	71.8	54.4	45.5	13.2	15.6	38.2
Williston Exp Farm	15.4	14.5	26.6	49.0	56.6	63.7	73.9	76.2	59.8	52.0	19.9	21.7	44.1
NORTHWEST	9.6	6.9	20.5	44.5	53.4	61.5	69.8	72.5	55.6	47.1	14.7	17.7	39.5
Bottineau	3.9	2.2	18.1	44.1	53.6	62.0	69.1	M	56.3	45.5	14.0	15.5	M
Drake 9 NE	7.5	4.1	19.0	44.5	54.1	63.3	69.8	72.9	58.2	47.9	16.0	19.2	39.7
Leeds	7.6	2.5	18.1	42.8	52.6	62.4	67.4	69.8	56.0	46.3	16.3	16.4	38.2
Rolla 3 NW	5.6	1.9	18.2	41.3	52.0	60.6	66.7	69.7	54.7	45.3	18.3	18.1	37.7
Rugby	4.7	-1.7	15.9	43.9	53.0	62.7	67.9	71.2	54.7	46.0	16.0	15.9	37.5
Upham 3 N	5.2	2.1	18.3	44.4	53.7	62.3	69.6	72.1	56.5	45.9	12.1	15.5	38.1
Velva 3 NE	8.3	6.5	19.4	44.6	52.8	60.1	67.2	70.3	56.1	47.1	15.1	19.2	38.9
Westhope	7.5	4.6	21.0	46.0	56.2	63.4	69.7	73.0	57.7	47.7	13.3	15.6	39.6
Willow City	3.0	1.0	17.5	44.2	54.1	62.9	69.0	71.9	56.5	45.5	12.0	14.4	37.7
NORTH CENTRAL	6.1	3.1	19.0	44.1	53.4	62.2	68.4	71.5	56.4	46.4	15.0	16.6	38.5
Cavalier 7 NW	6.2	1.3	17.7	41.0	54.2	62.5	67.7	69.3	56.4	46.0	20.3	17.4	38.3
Devils Lake KDLR	7.8	4.7	20.6	43.6	54.2	64.5	69.5	71.3	56.7	47.6	20.4	18.6	40.0
Edmore 1 NW	3.8	-0.3	17.1	41.8	52.4	62.1	66.5	69.0	55.5	44.9	17.0	15.5	37.1
Grafton	9.5	5.7	22.8	45.6	57.4	66.6	71.1	73.4	59.2	49.4	22.9	19.7	41.9
Grand Forks FAA AP	8.5	4.7	21.6	42.9	53.7	63.7	68.2	70.3	56.7	46.6	20.6	17.5	39.6
Hansboro 4 NNE	7.7	5.3	20.7	43.9	53.9	63.2	68.4	71.3	55.9	47.4	19.0	19.1	39.6
Langdon Exp Farm	3.7	0.1	16.5	40.4	M	61.2	66.2	68.6	55.1	44.2	16.8	15.7	M
Pembina	5.9	0.9	19.2	42.6	55.4	63.0	67.6	70.1	55.9	45.2	19.4	17.6	38.6
Petersburg 2 N	4.7	0.3	18.3	41.6	53.7	63.5	67.9	70.1	56.2	46.1	18.8	17.3	38.2
NORTHEAST	6.7	2.9	19.8	42.7	54.4	63.5	68.3	70.5	56.5	46.5	19.7	17.7	39.1
Beulah 1 W	13.8	12.2	25.2	48.8	55.4	62.2	72.1	75.3	59.7	49.6	19.3	22.2	43.0
Center 4 SE	13.9	11.6	22.8	46.4	52.9	61.1	69.0	72.8	56.6	48.4	19.4*	20.0	41.2*
Dickinson Ranch HQ	14.8	14.4	24.7	45.2	53.2	61.6	71.1	72.6	57.4	48.7	20.2	24.1	42.3
Garrison 1 NNW	10.2	6.7	19.8	44.8	M	60.2	69.4	71.2	56.8	47.4	17.7	19.6	M
Keene 3 S	12.4	11.1	23.6	46.6	54.9	61.1	71.3	73.7	58.0	50.1	20.2	21.2	42.0
Max	8.6	6.2	19.6	44.3	53.4	62.6	69.9	72.7	56.7	47.8	16.3	20.3	39.9
Turtle Lake	10.1	6.6*	20.6	45.4	53.4	61.0*	69.8	72.0	57.1	47.4	18.2	21.0	40.2*
Watford City	13.3	11.9	22.3	46.1	53.5	61.7	72.1	74.0	56.5	49.4	18.6	21.9	41.8
WEST CENTRAL	12.9	10.9	23.0	46.2	53.8	61.4	70.8	73.5	57.7	49.0	19.6	21.9	41.7
Carrington	7.8	5.5	19.9	42.5	52.3	62.1	68.1	70.5	56.0	47.1	20.0	20.0	39.3
Harvey	11.0	8.3	22.3	46.0	55.4	65.4	72.0	M	58.7	49.6	20.0	21.1	M
Jamestown Municipal AP	9.6	7.6	23.1	43.3	53.0	63.4	69.7	71.7	57.1	47.0	22.6	19.8	40.7
McClusky	12.8	9.4	22.4	46.4	55.5	63.4	70.5	73.9	58.8	50.1	21.6	22.9	42.3
Steele 3 N	9.1	8.7	24.0	46.1	53.7	61.5	69.9	72.9	59.3	49.5	21.2	22.3	41.5
Streeter 7 NW	7.7	5.7	20.1	43.8	51.7	60.9	68.2	71.9	57.6	47.8	20.6	21.4	39.8
CENTRAL	9.1	7.0	21.6	44.5	53.6	62.8	69.2	71.8	57.3	48.0	21.0	20.8	40.6
Casselton Agronomy Frm	10.1	7.8	M	M	M	M	M	72.4	58.0	48.7	24.1	20.0	M
Colgate	7.2	5.4	21.9	44.0	54.0	64.2	68.2*	70.9	56.9	46.7	M	19.1	M
Cooperstown	7.5	5.7	21.1	43.0	52.4	61.7	66.4	69.2	55.3	45.4	20.8	17.5	38.8
Fargo Intl AP	9.3	8.2	24.7	45.3	55.7	65.5	70.4	72.6	58.5	48.9	24.9	19.9	42.0
Mayville	8.9	5.8	21.5*	43.1	53.9	64.3	70.1	71.3	58.8	47.5	22.2	19.1	40.5*
Valley City 3 NNW	8.4	6.9	21.2	44.2	53.8	64.0	70.0	72.1	57.6	47.3	23.5	20.1	40.8
EAST CENTRAL	8.6	6.6	22.1	43.9	54.0	63.9	69.0	71.6	57.6	47.7	23.3	19.5	40.6
Amidon	19.0	18.7	26.8	48.3	53.8	61.0	74.1	75.6	58.5	51.4	23.3	26.7*	44.8*
Beach	18.4	17.8	27.1	48.3	54.4	60.8	72.6	74.3	58.0	49.6	23.4	25.0	44.1
Bowman	19.1	18.4	27.7	47.4	52.7	60.2	72.7	M	M	21.5	25.1	M	M
Dickinson Exp Station	14.8	14.5	24.4	45.1	52.4	59.1	71.4	72.7	55.8	47.6	20.3	23.1	41.8
Fairfield	14.7	12.8	22.5*	44.2	52.0	59.9	70.4	72.0	53.6	48.5	20.8	22.9	41.2*
Mott	16.6	15.6*	26.2	47.5	53.4	61.3	72.5	74.9	57.6	49.5	21.5	22.1	43.2*
New England	17.8	17.4	27.0	47.4	53.7	60.7	72.1	73.8	57.5	48.7	22.1	24.6	43.6
Richardton Abbey	16.5	15.0	26.5	47.3	54.9	62.1	73.6	74.6	58.8	50.8	22.1	24.7	43.9
Trotters 3 SSE	17.4	17.0	27.3	47.9	54.3	61.4	73.6	75.0	58.5	49.7	21.9	25.0	44.1
SOUTHWEST	16.9	16.0	26.4	46.9	53.3	60.6	72.7	74.2	57.4	49.6	22.0	24.4	43.4
Almont	15.1	12.9	25.8	48.3	54.5	61.9	72.4	74.1*	58.0	48.3	20.5	23.5	42.9*
Bismarck Municipal AP	14.5	11.8	25.1	47.0	54.1	63.7	72.5	75.6	60.2	49.4	22.2	24.0	43.3
Breien	15.6	13.0	25.8	47.9	54.8	63.0	72.4	75.8	60.4	50.2	19.9	23.4	43.5
Hazelton	11.9	8.6	23.9	45.6	54.1	62.5	70.8	74.1	58.4	49.2	21.0	22.9	41.9
Heart Butte Dam	16.5	12.6	25.5	47.5	54.3	62.4	72.7	75.7	58.1	49.3	20.7	22.3	43.1
Mandan Exp Station	13.8	11.6	24.2	46.6	53.8	62.3	71.6	74.3	58.8	49.3	20.4	23.9	42.6
New Salem 5 NW	12.6	10.1	23.1	45.8	52.7	60.8	71.0	73.7	58.3	49.7	18.0	22.0	41.5
Pretty Rock	17.0	15.5	27.3	47.8	53.7	62.2	73.6	74.5	59.2	49.7	20.5	23.7	43.7
SOUTH CENTRAL	14.1	11.7	24.4	47.0	53.9	62.2	72.2	74.6	58.7	49.7	20.2	22.9	42.6
Ashley	12.0	10.9	23.9	44.7	53.4	62.8	71.5	73.1	58.8	49.7	23.3	24.1	42.4
Forman 5 SSE	10.0	M	24.7	45.3	M	64.0	M	M	58.6	49.2	25.2	21.1	M
Fullerton 1 ESE	13.2	12.5	26.1	45.9	54.7	64.5	71.3	72.7	58.7	49.8	24.3	21.7	42.9
Lidgerwood	11.5	11.3	25.6	46.1	M	65.2	71.5	73.4	59.7	50.3	M	M	M
Lisbon	11.2	10.5	25.4	45.9	55.6	66.4	71.6	74.0	59.5	M	25.7	22.2	M
McLeod 3 E	9.9	9.8	25.1	45.9	M	65.3	71.1	73.7	59.5	49.4	24.7	21.0	M
Napoleon	10.1	7.9	22.3	44.9	53.0	62.7	70.4	72.6	58.0	48.8	21.5	22.9	41.3
SOUTHEAST	10.8	10.2	24.8	45.6	54.5	64.5	71.0	73.2	59.0	49.3	24.3	22.1	42.4
STATE	10.5	8.4	22.4	45.0	53.8	62.5	70.2	7					

WEATHER DATA
MONTHLY TEMPERATURE, North Dakota, 2002

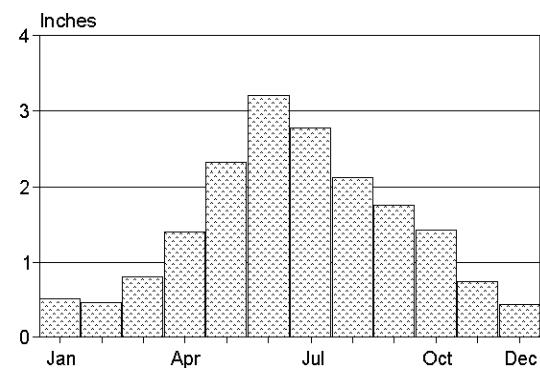
TEMPERATURE

Districts and Stations	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual	
----- Degrees Fahrenheit -----														
Crosby	15.4	24.7	14.3	36.5	50.1	64.3	71.7	64.5	58.0	34.4	29.2	20.6	40.3	
Fortuna 1 W	12.3	21.0	M	33.1	48.9	62.3	69.6	62.1	56.2	M	28.1	18.4	M	
Kenmare 1 WSW	13.4	22.6	14.8	35.3	49.0	64.1	70.9	M	57.6	33.8*	28.1	19.7	M	
Minot Exp Station	15.7	23.6	14.0	35.8	47.6	64.5	71.1	65.2	57.8	34.7	M	20.8	M	
Mohall	13.9	21.3	13.1	35.0	47.4	63.3	M	63.3*	56.0	33.5	26.5	19.0	M	
Powers Lake 1 N	11.4	20.4	12.4	34.3	48.0	61.5	68.9	62.7	54.9	31.1	26.6	16.9	37.4	
Tioga 1 E	12.8	21.9	11.9	35.0	46.9	62.2	69.9	62.6	55.8	31.0	26.7	18.0	37.9	
Wildrose 3 NW	13.0	20.8	12.0	34.2	47.5	62.2	69.6	62.6	57.3	32.6	28.0	18.6	38.2	
Williston Exp Farm	19.9	27.9	16.4	40.0	51.5	66.1	73.9	67.8	62.7	37.2	33.7	24.6	43.5	
NORTHWEST		14.6	23.0	13.7	35.7	48.4	63.5	71.0	64.2	57.4	33.5	28.5	19.7	39.4
Bottineau	10.7	20.0	12.6	36.3	47.7	64.2	71.2	65.6	56.4	33.0	25.6	16.4	38.3	
Drake 9 NE	14.3	22.4	14.9	35.9	47.7	64.8	69.7	66.0	57.7	34.9	28.6	19.0	39.7	
Leeds	13.0	21.2	13.4	36.3	47.9	66.4	70.5	65.2	57.9	30.8	26.5	17.9	38.9	
Rolla 3 NW	13.2	18.0	10.3	34.7	45.4	62.6	68.1	62.6	55.3	31.1	24.4	17.9	37.0	
Rugby	14.2	22.4	15.3	37.6	49.8	65.4	72.2	66.6	57.0	30.9	26.8	17.8	39.7	
Upham 3 N	12.3	21.2	13.9	36.5	48.1	64.7	70.5	64.3	55.4	33.2	25.8	16.1	38.5	
Velva 3 NE	14.5	22.2	14.9	36.9	46.8	63.0	68.7	64.2	56.4	34.9	29.4	19.4	39.3	
Westhope	11.8	22.3	14.8	38.2	49.7	66.1	71.7	66.1	58.4	34.4	27.6	18.3	40.0	
Willow City	11.2	19.5	12.1	35.6	47.1	64.9	70.6	65.2	56.2	32.7	25.0	15.6	38.0	
NORTH CENTRAL		12.6	20.9	13.4	36.2	47.3	64.5	70.4	65.0	56.8	32.7	26.5	17.6	38.7
Cavalier 7 NW	10.6	17.2	11.6	36.1	46.2	64.0	68.8	64.0	56.4	32.6	23.5	17.6	37.4	
Devils Lake KDLR	14.5	21.9	16.0	38.3	49.3	66.6	72.3	66.6	59.8	34.3*	26.3	18.7	40.4*	
Edmore 1 NW	10.9	17.3	12.1	36.2	46.6	64.3	69.1	64.4	57.3	31.9*	24.2	16.2	37.5*	
Grafton	M	M	18.3	40.1	50.4	68.7	74.4	68.4	M	36.4	M	18.7	M	
Grand Forks FAA AP	13.9	21.9	17.8	38.7	47.9	66.5	71.1	66.3	59.5	34.6	25.6	18.7	40.2	
Hansboro 4 NNE	13.7	21.0	M	36.9	46.8	64.6	69.4	65.9	58.2	34.0*	26.0	20.2	M	
Langdon Exp Farm	9.6	15.3	10.3	35.0	44.9	62.9	68.4	M	56.7	31.2	22.9	15.9	M	
Pembina	10.8	17.6	13.1	36.9	46.9	65.9	70.9	65.4	58.1	33.3	23.9	17.0	38.3	
Petersburg 2 N	12.0	20.1	14.8	36.0	47.2	65.6	70.7	65.4	58.8	33.3	24.3	16.8	38.8	
NORTHEAST		12.4	19.6	14.8	37.3	47.5	65.7	70.8	66.0	58.6	33.7	24.9	18.1	39.1
Beulah 1 W	18.9	27.1	17.2	41.4	50.7	66.1	74.8	68.6	61.3	37.8	32.6	22.4	43.2	
Center 4 SE	16.8	23.9	14.6	39.9	51.0	66.5	72.8	66.0	58.7	33.7	31.5	21.4	41.4	
Dickinson Ranch HQ	19.7	27.5	15.6	37.6	48.2	64.7	71.8	64.5	59.1	34.7	34.0	23.9	41.8	
Garrison 1 NNW	15.4	23.3	13.6	36.4	47.2	63.9	72.3	66.7	57.8	35.3	29.7	20.0	40.1	
Keene 3 S	18.6	27.0	15.4	38.7	49.5	63.8	72.5	66.2	60.5	35.5	31.5	23.6	41.9	
Max	14.4	21.9	12.9	35.9	47.7	64.9	72.1	66.1	57.0	33.5	28.4	19.0	39.5	
Turtle Lake	16.5	23.5	14.7	37.4	48.8	65.9	71.6	66.3	58.4	35.0	29.9	20.5	40.7	
Watford City	19.2	25.7	13.8	36.7	48.5	63.8	72.1	64.8	58.3	34.1	31.4	23.9	41.0	
WEST CENTRAL		18.4	25.8	15.5	38.4	49.1	64.8	72.7	66.4	59.4	35.2	31.4	22.6	41.6
Carrington	16.0	22.7	14.9	35.6	46.9	66.0	70.4	65.4	59.2	34.4	27.9	18.9	39.9	
Harvey	18.5	25.7	16.7	40.3	50.5	67.4	73.2	M	61.6	36.2	28.9	21.1	M	
Jamestown Municipal AP	17.7	23.7	18.3	38.9	49.7	67.4	71.5	66.8	59.5	34.7	28.6	19.1	41.3	
McClusky	19.7	26.1	17.6	39.8	51.6	67.4	73.9	68.6	60.5	36.2	31.8	21.5	42.9	
Steele 3 N	17.2	23.4	14.8	38.2	48.7	66.3	71.7	66.4	59.1	35.0	29.9	20.0	40.9	
Streeter 7 NW	M	22.4	14.3	37.3	47.4	66.2	71.4	65.8	59.9	34.6	29.3	19.1	M	
CENTRAL		16.9	23.7	15.9	38.2	49.3	66.7	71.9	66.8	59.9	34.8	29.1	19.8	41.1
Casselton Agronomy Frm	16.3	23.7	19.5	40.1	50.2*	69.1	72.9	67.6	62.1	37.9	28.7	19.8	42.3*	
Colgate	14.2	21.9	16.9	37.7	48.9*	67.5	71.5	66.1	60.7	35.4	27.2	18.1	40.5*	
Cooperstown	15.1	22.4	16.9	37.7	48.2	65.7	69.8	65.0	58.5	33.9	26.6	17.9	39.8	
Fargo Intl AP	16.5	24.0	20.0	40.1	51.2	69.0	73.1	67.3	61.8	37.2	27.9	19.9	42.3	
Mayville	M	M	M	M	48.7	68.3	71.8	67.0	60.6	36.0	27.3	19.3	M	
Sharon	14.1	23.5	16.4	37.4	M	M	M	M	M	M	M	M	M	
Valley City 3 NNW	16.1	23.9	17.8	38.6	49.1	68.2	72.1	M	61.2	36.9	28.7	19.0	M	
EAST CENTRAL		15.4	23.2	17.9	38.6	49.4	68.0	71.9	66.6	61.1	36.2	27.7	19.0	41.3
Amidon	22.5	28.6	18.3	39.3	49.3	65.6	76.1	68.8	62.7	36.4	35.6	27.0	44.2	
Beach	21.9	27.3	17.7	39.3	49.9	65.1	75.1	67.5	61.0	35.9	35.0	26.4	43.5	
Bowman	21.7	26.1	18.0	38.9	49.4	65.0	75.1	67.9	60.3	36.8	35.1	26.6	43.4	
Dickinson Exp Station	20.5	26.0	15.7	37.2	48.0	63.4	72.4	65.4	58.6	34.1	32.7	23.4	41.5	
Fairfield	19.2	23.9	13.9	36.8	49.0	62.0	72.0	65.0	58.7	32.4	32.5	22.3	40.6	
Mott	M	M	M	M	M	M	75.5	68.5	61.2	37.1	34.0	24.2	M	
New England	22.3	27.0	18.3	39.7	49.5	65.7	74.8	67.9	60.5	36.0	34.9	25.6	43.5	
Richardson Abbey	21.6	27.8	17.4	40.1	50.8	66.4	74.8	68.1	61.6	36.0	34.0	26.4	43.8	
Trotters 3 SSE	22.2	28.0	16.6	39.4	50.2	64.8	75.2	67.8	60.6	35.5	34.3	26.5	43.4	
SOUTHWEST		21.8	26.7	17.1	38.9	49.4	65.0	74.8	67.4	60.7	35.5	34.3	25.3	43.1
Almont	20.7	26.3	17.8	41.1	51.1	67.1	74.9	68.7	60.6	36.7	32.9	23.8	43.5	
Bismarck Municipal AP	19.4	25.7	18.8	40.8	50.3	68.1	74.8	69.2	61.4	36.4	32.6	22.8	43.4	
Breien	18.4	25.7	20.3	43.1	51.7	69.7	76.6	69.2	62.0	38.1	33.7	24.0	44.4	
Hazelton	18.6	23.7	14.9	39.3	50.4	67.6	74.1	67.8	60.7	34.0	31.4	22.4	42.1	
Heart Butte Dam	20.5	26.0	17.0	39.0	48.8	66.5	76.1	69.7	61.1	36.4	33.4	26.1	43.4	
Mandan Exp Station	20.0	25.9	17.2	39.8	49.6	67.1	74.4	67.9	60.9	36.5	32.4	23.6	42.9	
New Salem 5 NW	17.5	24.3	15.1	38.3	48.7	65.5	74.1	67.7	60.1	35.3	31.7	21.8	41.7	
Pretty Rock	21.3	27.2	18.9	41.2	50.5	67.8	75.9	69.3	62.1	36.6	34.7	25.5	44.3	
SOUTH CENTRAL		19.5	25.5	17.4	40.2	50.3	67.5	74.8	68.8	61.2	36.4	32.5	23.4	43.1
Ashley	18.3	25.0	18.2	40.9	50.2	69.6	74.6	67.9	61.8	36.4	30.7	21.8	43.0	
Forman 5 SSE	M	24.9	18.9	40.7	50.0*	68.7	73.3	67.3	M	38.6	29.6	20.7	M	
Fullerton 1 ESE	19.1	24.4	20.4	41.7	51.9	70.0	73.7	67.8	62.1	37.3	29.6	22.0	43.3	
Gackle	18.8	26.0	17.8	38.6	50.4	68.4	73.2	67.6	60.6	M	M	M	M	
Lidgerwood	19.1	26.1	19.6	40.6	52.0	70.1	74.0	68.6	64.1	39.1	30.4	22.0	43.8	
Lisbon	19.1	25.9	20.2	40.8	52.6	70.9	75.2	69.5	63.4	38.1	29.9	21.6	43.9	
McLeod 3E	17.3	24.4	19.7	40.1	51.1*	70.3	73.8	68.6	63.5	37.9	29.1	20.2	43.0*	
Napoleon	17.5	23.1	16.6	39.0	49.0	67.5	73.0	67.6	61.8	36.3	30.7	21.3	42.0	
SOUTHEAST		18.6	25.3	19.4	40.9	51.3	69.7	74.0	68.2	62.5	37.7	30.3	21.6	43.3
STATE	16.7	23.7	16.1	38.3	49.1	66.2	72.5	66.6	59.7	35.1	29.5	20.8		

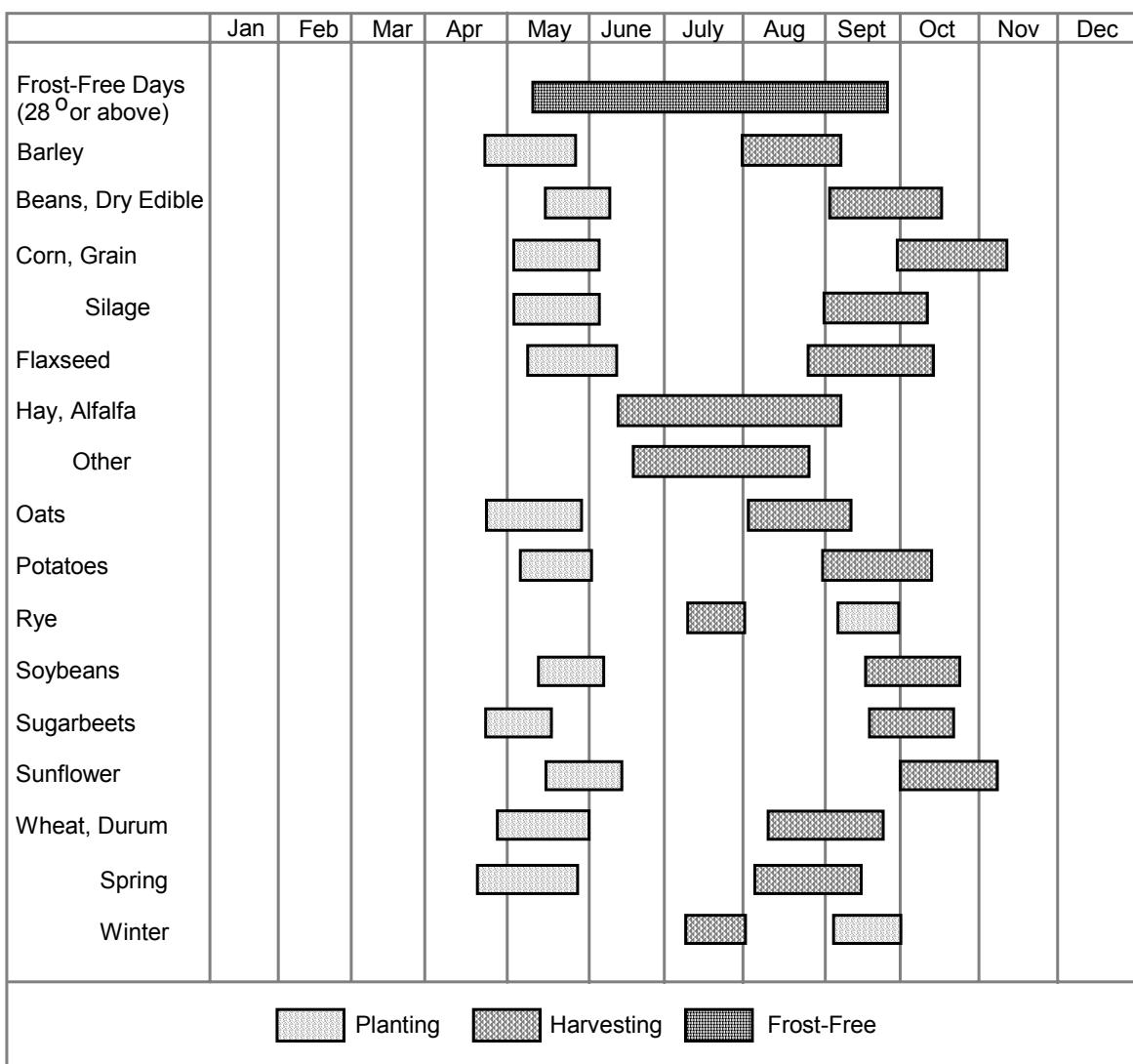
GROWING SEASON AVERAGE

Growing Season Precipitation
April-September, 1971-2000 Average

Less than 12.00 inches	14.00 - 15.99 inches
12.00 - 13.99 inches	16.00 inches and over

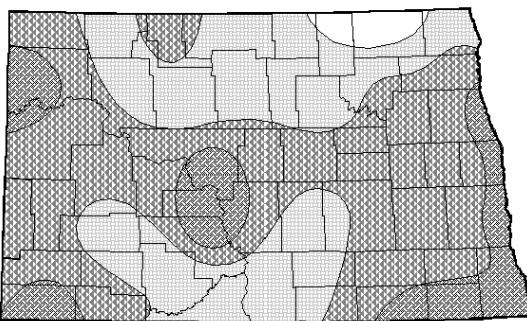
Monthly Precipitation
North Dakota, 1971-2000 Average

USUAL PLANTING AND HARVESTING DATES, North Dakota

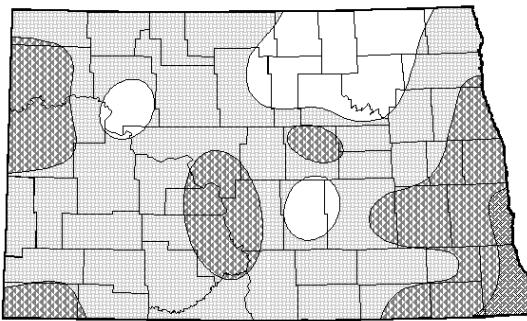


Source: Usual Planting and Harvesting Dates for US Field Crops, USDA/NASS, December 1997.

GROWING SEASON AVERAGE

Number of Days Above 32° F
Long Term Average^{1/}

Under 110 days 120 - 129 days
 110 - 119 days 130 days and over

Number of Days Above 28° F
Long Term Average^{1/}

Under 130 days 140 - 149 days
 130 - 139 days 150 days and over

LENGTH OF GROWING SEASON AT TEMPERATURES OF 28°F AND 32°F OR ABOVE, North Dakota

Station	County	Average Date of Last Spring Frost		Average Date of First Frost in Fall		Average Number of Days in Growing Season		Number of Years in Average
		28°	32°	32°	28°	32°	28°	
NORTHWEST								
Crosby	Divide	Date May 10	Date May 18	Date Sep 16	Date Sep 23	Days 120	Days 137	Years 63
Minot Exp.	Ward	May 12	May 20	Sep 17	Sep 26	119	137	69
Mohall	Renville	May 11	May 18	Sep 16	Sep 23	122	135	44
Parshall	Mountrail	May 15	May 21	Sep 12	Sep 18	114	126	59
Powers Lake	Burke	May 15	May 23	Sep 11	Sep 23	111	133	41
Williston	Williams	May 4	May 13	Sep 22	Sep 28	132	146	78
NORTH CENTRAL								
Bottineau	Bottineau	May 15	May 21	Sep 15	Sep 23	116	130	70
Granville	McHenry	May 13	May 19	Sep 15	Sep 25	119	134	65
Maddock	Benson	May 15	May 23	Sep 13	Sep 21	113	129	53
Towner	McHenry	May 14	May 21	Sep 12	Sep 21	114	129	54
NORTHEAST								
Grafton	Walsh	May 9	May 18	Sep 19	Sep 25	123	139	70
Grand Forks	Grand Forks	May 6	May 16	Sep 23	Sep 29	130	146	66
Hansboro	Towner	May 17	May 27	Sep 11	Sep 18	106	124	65
Langdon Exp.	Cavalier	May 17	May 28	Sep 13	Sep 21	109	126	69
Pembina	Pembina	May 12	May 21	Sep 17	Sep 25	119	135	70
WEST CENTRAL								
Dunn Center	Dunn	May 12	May 17	Sep 18	Sep 27	122	137	50
Garrison	McLean	May 8	May 18	Sep 19	Sep 25	124	139	62
Washburn	McLean	May 6	May 13	Sep 24	Oct 1	137	148	26
Watford City	McKenzie	May 7	May 13	Sep 19	Sep 27	127	141	34
CENTRAL								
Fessenden	Wells	May 8	May 17	Sep 18	Sep 26	123	140	40
Jamestown	Stutsman	May 5	May 15	Sep 20	Sep 29	128	146	73
McClusky	Sheridan	May 11	May 20	Sep 18	Sep 26	120	137	54
Pettibone	Kidder	May 13	May 22	Sep 12	Sep 17	111	124	46
EAST CENTRAL								
Amenia	Cass	May 6	May 15	Sep 23	Sep 28	130	144	73
Cooperstown	Griggs	May 11	May 21	Sep 19	Sep 26	121	138	49
Fargo	Cass	May 4	May 12	Sep 26	Oct 2	137	151	66
Mayville	Traill	May 8	May 17	Sep 24	Oct 2	129	147	57
SOUTHWEST								
Beach	Golden Valley	May 12	May 20	Sep 18	Sep 27	121	138	58
Bowman	Bowman	May 6	May 14	Sep 21	Sep 30	130	146	52
Dickinson Exp.	Stark	May 12	May 19	Sep 14	Sep 22	117	132	72
Hettinger	Adams	May 11	May 18	Sep 20	Sep 27	124	137	36
Marmarth	Slope	May 11	May 16	Sep 15	Sep 23	122	136	43
SOUTH CENTRAL								
Carson #2	Grant	May 11	May 19	Sep 15	Sep 24	119	135	59
Mandan Exp.	Morton	May 7	May 12	Sep 23	Sep 28	133	144	59
SOUTHEAST								
Edgeley Exp.	LaMoure	May 11	May 18	Sep 19	Sep 28	123	139	66
Lisbon	Ransom	May 10	May 19	Sep 20	Sep 27	123	139	64
McLeod	Ransom	May 9	May 15	Sep 22	Sep 29	129	143	62
Napoleon	Logan	May 14	May 21	Sep 16	Sep 23	118	132	72
Oakes	Dickey	May 5	May 13	Sep 23	Oct 1	133	149	46
Wahpeton	Richland	May 4	May 13	Sep 25	Oct 3	136	151	65

Source: National Climatic Data Center 1/ Based on data for selected stations. Number of years used in average ranges by station from 26-78 years.

WEATHER DATA
AVERAGE PRECIPITATION, North Dakota, 1971-2000

Districts and Stations	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
NORTHWEST							- - - Inches - - -						
Crosby	0.48	0.33	0.59	1.02	2.01	2.69	2.75	1.54	1.62	0.93	0.53	0.45	14.94
Fortuna 1 W	0.34	0.36	0.76	0.99	1.98	2.87	2.71	1.62	1.33	0.85	0.33	0.39	14.53
Kenmare 1 WSW	0.83	0.63	0.90	1.26	2.07	2.66	2.67	1.80	1.92	1.19	0.69	0.53	17.15
Minot Exp Station	0.77	0.60	1.03	1.56	2.28	3.01	2.52	2.01	1.78	1.40	1.05	0.64	18.65
Mohall	0.52	0.42	0.73	1.24	2.17	2.98	2.86	2.17	1.89	1.46	0.63	0.39	17.46
Powers Lake 1 N	0.38	0.37	0.72	1.27	2.12	2.74	2.90	1.94	1.71	1.07	0.55	0.33	16.10
Tioga 1 E	0.48	0.36	0.58	1.17	2.00	2.60	2.20	1.80	1.58	0.94	0.59	0.40	14.70
Wildrose 3 NW	0.42	0.35	0.60	1.00	2.04	2.56	2.83	1.56	1.48	0.83	0.53	0.45	14.65
Williston Exp Farm	0.48	0.34	0.62	1.13	2.09	2.72	2.45	1.63	1.56	0.94	0.58	0.45	14.99
NORTH CENTRAL	0.52	0.45	0.75	1.25	2.12	2.89	2.64	1.80	1.69	1.09	0.63	0.47	16.30
Bottineau	0.49	0.46	0.79	1.22	2.16	3.29	3.04	2.62	1.94	1.27	0.66	0.51	18.45
Drake 9 NE	0.36	0.39	0.60	1.25	2.26	3.04	2.75	1.97	1.48	1.24	0.68	0.34	16.36
Leeds	0.55	0.51	0.83	1.28	2.08	2.98	3.17	2.07	1.61	1.53	0.84	0.48	17.93
Rolla 3 NW	0.51	0.52	0.76	1.13	2.30	3.41	2.87	2.55	1.95	1.25	0.80	0.53	18.58
Rugby	0.51	0.45	0.80	1.28	2.25	3.05	3.21	2.28	1.92	1.32	0.70	0.50	18.27
Upham 3 N	0.57	0.47	0.76	1.33	2.07	3.32	2.71	2.00	1.80	1.28	0.85	0.56	17.72
Velva 3 NE	0.68	0.50	0.78	1.34	2.30	3.22	2.80	1.83	1.62	1.61	0.92	0.50	18.10
Westhope	0.47	0.46	0.71	1.16	2.06	3.03	2.90	2.04	1.87	1.21	0.62	0.49	17.02
Willow City	0.52	0.42	0.78	1.18	1.99	3.10	2.85	2.34	1.72	1.20	0.63	0.44	17.17
NORTHEAST	0.50	0.47	0.76	1.27	2.17	3.17	2.92	2.21	1.77	1.35	0.73	0.49	17.81
Cavalier 7 NW	0.39	0.41	0.66	1.10	2.19	3.17	3.31	2.63	1.78	1.54	0.68	0.39	18.25
Devils Lake KDLR	0.58	0.51	0.80	0.90	2.14	3.83	3.29	2.21	1.80	1.47	0.83	0.57	18.93
Edmore 1 NW	0.50	0.40	0.65	1.02	2.15	3.21	3.32	2.59	1.71	1.39	0.74	0.48	18.16
Grafton	0.52	0.50	0.85	1.13	2.31	3.30	2.77	2.39	1.76	1.46	0.90	0.43	18.32
Grand Forks Intl AP	0.68	0.58	0.89	1.23	2.21	3.03	3.06	2.72	1.96	1.70	0.99	0.55	19.60
Hansboro 4 NNE	0.64	0.63	0.85	1.12	2.39	3.19	2.87	2.59	1.62	1.22	0.81	0.57	18.50
Langdon Exp Farm	0.42	0.39	0.61	1.00	2.36	3.33	3.18	2.73	1.66	1.38	0.66	0.39	18.11
Pembina	0.44	0.40	0.72	0.99	2.09	3.41	2.95	2.68	2.12	1.48	0.85	0.45	18.58
Petersburg 2 N	0.66	0.43	0.94	1.17	2.27	3.62	3.25	2.71	2.06	1.54	0.90	0.51	20.06
WEST CENTRAL	0.57	0.47	0.80	1.12	2.24	3.34	3.09	2.64	1.88	1.49	0.85	0.50	18.99
Beulah 1 W	0.31	0.42	0.73	1.71	2.21	3.30	2.35	1.53	1.60	1.35	0.70	0.38	16.59
Center 4 SE	0.40	0.45	0.71	1.63	2.30	3.00	2.70	1.85	1.85	1.55	0.62	0.42	17.48
Dickinson Ranch HQ	0.37	0.35	0.61	1.50	2.03	3.18	2.30	1.79	1.40	1.06	0.58	0.33	15.50
Garrison 1 NNW	0.39	0.36	0.63	1.27	2.10	3.12	2.62	1.91	1.44	1.22	0.57	0.39	16.02
Keene 3 S	0.39	0.37	0.59	1.26	2.32	3.19	2.47	1.51	1.68	1.16	0.66	0.40	16.00
Max	0.55	0.43	0.74	1.48	2.16	3.21	2.69	1.84	1.72	1.41	0.63	0.44	17.30
Turtle Lake	0.63	0.49	0.85	1.44	2.19	3.32	2.67	1.96	1.50	1.32	0.73	0.52	17.62
Watford City	0.45	0.39	0.56	1.04	2.13	3.05	2.11	1.55	1.30	0.77	0.65	0.41	14.41
CENTRAL	0.44	0.43	0.68	1.44	2.20	3.18	2.48	1.73	1.62	1.33	0.67	0.42	16.62
Carrington	0.68	0.56	0.91	1.36	2.11	3.32	3.15	2.19	1.60	1.45	0.89	0.51	18.73
Harvey	0.42	0.28	0.62	0.78	1.97	2.80	2.29	2.29	1.45	1.48	0.45	0.28	15.11
Jamestown Municipal AP	0.62	0.52	0.89	1.36	2.21	3.05	3.22	2.33	1.74	1.40	0.71	0.44	18.49
McClusky	0.58	0.49	0.71	1.49	2.13	3.41	2.61	2.06	1.61	1.39	0.71	0.49	17.68
Steele 3 N	0.48	0.44	0.98	1.51	2.53	3.24	2.95	2.01	1.90	1.55	0.74	0.44	18.77
Streeter 7 NW	0.31	0.34	0.68	1.26	1.96	3.04	3.09	2.38	1.97	1.10	0.69	0.27	17.09
EAST CENTRAL	0.54	0.44	0.75	1.35	2.24	3.34	2.97	2.29	1.79	1.46	0.74	0.43	18.34
Casselton Agronomy Frm	0.75	0.51	1.23	1.43	2.67	3.60	3.24	2.68	2.13	1.89	1.03	0.37	21.53
Colgate	0.47	0.39	0.81	1.17	2.49	3.08	2.65	2.42	2.06	1.69	0.76	0.38	18.37
Cooperstown	0.67	0.53	1.01	1.31	2.56	3.30	3.33	2.78	1.96	1.65	0.90	0.50	20.50
Fargo Hector AP	0.76	0.59	1.17	1.37	2.61	3.51	2.88	2.52	2.18	1.97	1.06	0.57	21.19
Hillsboro 3 N	0.50	0.55	0.93	1.56	2.35	3.46	3.23	2.78	2.05	1.92	0.89	0.48	20.70
Sharon	0.68	0.54	1.12	1.33	2.65	3.55	3.45	2.67	2.05	1.67	0.97	0.55	21.23
Valley City 3 NNW	0.54	0.46	0.80	1.22	2.60	3.27	2.75	2.43	2.10	1.53	0.80	0.39	18.89
SOUTHWEST	0.64	0.53	1.01	1.36	2.54	3.39	3.10	2.64	2.11	1.81	0.95	0.50	20.58
Amidon	0.37	0.35	0.57	1.15	2.29	3.06	2.24	1.42	1.37	1.17	0.53	0.33	14.85
Beach	0.43	0.47	0.62	1.56	2.41	2.63	1.93	1.41	1.53	1.20	0.70	0.37	15.26
Bowman	0.49	0.48	0.73	1.32	2.53	3.07	2.03	1.20	1.31	1.33	0.59	0.42	15.50
Dickinson Exp Station	0.35	0.37	0.67	1.63	2.24	3.57	2.20	1.65	1.62	1.31	0.63	0.37	16.61
Fairfield	0.31	0.33	0.56	1.41	2.04	2.95	2.10	1.62	1.50	1.16	0.50	0.31	14.79
Mott	0.41	0.50	0.80	1.83	2.59	3.17	2.13	1.69	1.26	1.24	0.55	0.38	16.55
New England	0.38	0.39	0.69	1.62	2.46	3.38	1.93	1.73	1.44	1.37	0.47	0.38	16.24
Richardson Abbey	0.45	0.48	0.86	1.75	2.49	3.39	2.27	1.88	1.60	1.41	0.75	0.45	17.78
Trotters 3 SSE	0.35	0.39	0.58	1.23	2.09	2.90	1.89	1.50	1.61	1.16	0.61	0.40	14.71
SOUTH CENTRAL	0.39	0.41	0.68	1.51	2.35	3.11	2.12	1.54	1.47	1.27	0.60	0.38	15.83
Almont	0.37	0.33	0.63	1.49	2.22	3.41	2.48	2.28	1.24	1.17	0.62	0.40	16.64
Bismarck Municipal AP	0.45	0.51	0.85	1.46	2.22	2.59	2.58	2.15	1.61	1.28	0.70	0.44	16.84
Breien	0.35	0.38	0.66	1.60	2.49	2.92	2.69	1.77	1.48	1.32	0.52	0.35	16.53
Fort Yates 4 SW	0.24	0.30	0.66	1.34	2.16	2.64	2.06	1.62	1.28	1.26	0.35	0.23	14.14
Heart Butte Dam	0.51	0.32	0.87	1.70	2.34	2.91	2.31	1.45	1.16	0.99	0.77	0.42	15.75
Mandan Exp Station	0.38	0.37	0.58	1.52	2.41	2.91	2.90	2.02	1.56	1.41	0.62	0.36	17.04
New Salem 5 NW	0.47	0.49	0.81	1.88	2.42	3.17	2.76	2.11	1.53	1.38	0.76	0.50	18.28
Pretty Rock	0.33	0.41	0.86	1.89	2.64	3.02	2.34	1.76	1.40	1.34	0.62	0.31	16.92
SOUTHEAST	0.37	0.40	0.75	1.62	2.37	3.02	2.63	1.96	1.48	1.34	0.62	0.37	16.93
Ashley	0.41	0.39	0.94	1.49	2.73	3.48	2.52	2.30	1.57	1.57	0.61	0.29	18.30
Forman 5 SSE	0.65	0.53	1.24	1.68	2.60	3.54	3.02	2.25	1.93	1.68	1.02	0.44	20.58
Fullerton 1 ESE	0.75	0.66	1.44	1.91	2.84	3.16	2.88	2.22	2.02	1.80	1.03	0.41	21.12
Gackle	0.44	0.38	0.94	1.49	2.61	3.37	3.06	2.03	1.89	1.48	0.77	0.35	18.81
LaMoure	0.78	0.64	1.36	1.85	2.67	3.69	3.42	2.30	1.90	1.78	0.91	0.45	21.75
Lisbon	0.63	0.48	1.09	1.47	2.59	3.45	2.87	2.27	2.20	1.82	0.86	0.45	20.18
Napoleon	0.58	0.51	0.98	1.64	2.48	3.20	2.88	2.19	1.77	1.55	0.80	0.44	19.02
Wahpeton 3 N	0.62	0.39	1.02	1.76	2.96	3.33	3.53	2.69	2.43	2.03	0.74	0.37	21.87
STATE	0.61	0.50	1.11										

WEATHER DATA
AVERAGE TEMPERATURE, North Dakota, 1971-2000

TEMPERATURE

Districts and Stations	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
----- Degrees Fahrenheit -----													
Crosby	8.1	16.2	28.1	43.3	56.1	64.6	69.2	67.8	56.5	44.2	25.8	12.9	41.1
Fortuna 1 W	5.6	13.6	25.0	40.2	53.1	62.2	67.1	65.8	53.8	41.3	23.7	11.1	38.5
Kenmare 1 WSW	6.7	14.2	25.2	40.4	53.4	62.4	67.0	65.4	54.3	42.1	25.1	12.2	39.0
Minot Exp Station	7.5	14.6	25.9	41.1	55.0	63.9	68.4	67.0	55.6	43.2	25.9	12.8	40.1
Mohall	5.9	13.0	24.3	39.4	53.0	61.9	66.3	65.2	53.8	41.7	24.9	11.5	38.4
Powers Lake 1 N	5.3	13.3	24.9	40.1	53.2	61.7	66.5	65.5	54.0	41.6	24.2	10.8	38.4
Tioga 1 E	6.9	15.1	26.3	40.8	53.4	62.4	67.4	66.5	54.5	42.4	24.9	12.1	39.4
Wildrose 3 NW	6.1	13.8	25.5	40.7	53.5	62.4	67.1	65.8	54.3	41.9	24.6	11.6	38.9
Williston Exp Farm	11.3	19.7	31.1	44.9	57.1	65.7	71.1	70.2	58.8	46.7	28.4	16.1	43.4
NORTHWEST	7.3	15.2	26.5	41.2	53.8	62.8	67.6	66.3	54.9	42.7	25.4	12.5	39.7
Bottineau	3.0	10.5	22.9	39.7	53.8	62.4	66.7	65.5	54.4	41.4	23.2	8.5	37.7
Drake 9 NE	5.0	12.5	24.5	41.0	55.4	64.1	68.6	67.0	56.3	43.0	24.4	10.6	39.4
Leeds	4.1	11.2	22.4	38.8	53.5	62.7	67.0	65.1	54.2	42.1	24.3	10.0	38.0
Rolla 3 NW	4.1	10.6	21.5	37.6	51.6	60.1	65.1	64.0	53.1	40.9	22.9	9.2	36.7
Rugby	5.6	13.5	25.5	42.2	56.0	64.5	68.7	67.4	56.0	43.6	24.8	10.5	39.9
Upham 3 N	3.3	11.4	23.8	40.8	54.8	63.3	67.4	66.0	54.5	41.4	23.7	9.3	38.3
Velva 3 NE	7.1	14.6	26.3	41.5	55.5	64.4	69.1	67.0	56.1	43.6	25.7	12.6	40.3
Westhope	4.7	12.8	25.2	42.2	55.9	64.0	67.9	66.9	56.2	43.4	24.6	10.0	39.5
Willow City	2.1	9.8	22.3	39.9	54.1	62.7	67.0	65.3	53.8	41.2	23.2	8.2	37.5
NORTH CENTRAL	4.7	12.4	24.3	40.5	54.1	62.9	67.3	65.9	54.7	42.2	24.3	10.1	38.6
Cavalier 7 NW	2.5	9.9	22.5	39.8	54.4	63.1	67.1	65.4	55.0	42.4	24.1	8.9	37.9
Devils Lake KDLR	6.1	13.8	25.5	42.1	56.2	64.8	69.4	67.7	57.1	44.3	25.8	11.5	40.4
Edmore 1 NW	0.7	8.1	21.6	39.3	53.7	62.2	66.5	65.2	54.5	41.3	21.9	6.9	36.8
Grafton	5.1	12.9	25.7	43.0	58.2	67.0	71.1	69.6	58.9	45.6	26.3	11.0	41.2
Grand Forks Intl AP	5.3	13.1	25.7	42.3	56.8	65.2	69.4	67.8	57.0	44.3	25.8	11.3	40.3
Hansboro 4 NNE	0.8	8.8	21.3	38.7	53.0	61.2	65.5	64.2	53.5	40.5	20.9	6.7	36.3
Langdon Exp Farm	0.4	7.6	20.2	37.8	52.6	61.5	65.4	64.2	53.5	40.2	21.5	6.6	36.0
Pembina	1.2	8.6	21.9	39.5	54.5	63.0	66.9	65.1	54.4	41.6	23.5	7.9	37.3
Petersburg 2 N	2.5	9.7	22.2	39.3	53.9	62.8	66.9	65.4	54.7	41.7	23.4	8.5	37.6
NORTHEAST	3.4	11.0	23.5	40.3	54.7	63.4	67.5	65.9	55.3	42.6	24.0	9.2	38.4
Beulah 1 W	11.0	18.9	30.0	43.7	56.1	64.5	69.8	69.3	57.8	45.8	28.2	15.8	42.6
Center 4 SE	10.5	17.0	27.7	41.1	54.0	63.0	68.3	67.0	56.1	44.3	27.1	15.4	41.0
Dickinson Ranch HQ	11.8	19.0	29.0	42.1	54.4	63.7	69.4	68.6	57.0	44.7	27.7	16.1	42.0
Garrison 1 NNW	7.5	14.8	26.6	41.5	54.6	63.2	68.2	67.4	56.2	43.4	26.5	13.6	40.3
Keene 3 S	10.8	18.6	29.6	43.5	55.5	64.1	69.4	69.2	57.9	45.6	27.6	15.4	42.3
Max	7.2	14.5	25.7	40.6	54.3	63.2	68.3	66.6	55.1	42.5	25.3	12.3	39.6
Turtle Lake	7.4	14.7	26.9	41.4	54.7	63.5	68.8	67.7	56.7	44.0	25.9	12.8	40.4
Watford City	8.2	17.0	27.6	41.3	53.9	63.0	68.6	67.5	55.2	43.1	26.1	14.0	40.5
WEST CENTRAL	9.8	17.3	28.2	42.1	54.7	63.6	68.9	67.8	56.4	43.9	26.9	14.6	41.2
Carrington	7.0	13.9	25.3	40.7	55.0	63.8	68.6	66.8	55.9	43.5	25.5	12.1	39.8
Harvey	9.3	17.1	28.7	44.4	58.0	66.0	70.8	69.7	59.3	46.7	27.7	14.8	42.7
Jamestown Municipal AP	8.7	15.9	27.9	42.9	56.7	65.4	70.7	69.0	57.9	45.2	27.1	13.8	41.8
McClusky	9.2	16.5	28.1	43.3	56.9	65.6	70.6	69.5	58.5	45.5	27.2	14.0	42.1
Steele 3 N	7.7	15.0	27.1	42.5	55.8	64.5	69.9	68.5	57.6	44.6	26.3	12.9	41.0
Streeter 7 NW	7.5	13.9	25.8	40.6	53.6	62.5	68.2	66.7	55.7	43.3	26.1	12.5	39.7
CENTRAL	7.0	14.4	26.4	41.6	55.3	64.1	69.0	67.3	56.5	43.8	25.6	12.3	40.3
Casselton Agronomy Frm	5.7	12.7	26.2	42.2	56.5	65.2	70.2	68.5	58.3	45.2	26.7	12.4	40.8
Colgate	3.6	10.8	24.1	41.3	55.9	64.4	69.1	68.0	57.0	43.3	24.1	9.7	39.3
Cooperstown	5.0	12.8	25.5	41.5	55.6	64.3	68.9	67.2	56.7	43.9	24.9	10.8	39.8
Fargo Hector AP	6.8	14.1	27.2	43.5	57.4	66.0	70.6	69.0	58.0	45.3	27.0	12.5	41.5
Hillsboro 3 N	5.7	12.8	25.5	42.3	56.9	65.4	70.1	68.5	57.4	44.6	26.3	12.2	40.6
Sharon	4.7	12.4	25.0	41.5	55.6	63.7	68.1	66.9	56.6	43.8	24.7	10.2	39.4
Valley City 3 NNW	5.7	12.9	25.5	41.0	55.1	63.8	68.5	66.6	56.1	43.7	26.0	11.9	39.7
EAST CENTRAL	5.5	13.1	25.8	41.9	56.0	64.6	69.2	67.5	56.8	44.1	25.6	11.4	40.1
Amidon	15.5	22.5	31.7	43.9	55.5	64.7	70.9	70.1	58.4	45.9	30.0	19.3	44.0
Beach	15.2	22.0	31.5	43.5	54.9	64.1	69.8	69.0	58.1	45.1	29.4	19.1	43.5
Bowman	14.6	20.9	29.9	41.9	53.6	63.1	69.4	68.3	56.6	44.2	28.5	18.1	42.4
Dickinson Exp Station	12.0	18.9	28.7	41.3	53.4	62.4	68.1	67.3	55.4	43.3	27.3	16.2	41.2
Fairfield	10.3	17.4	27.6	41.2	53.3	62.3	68.2	67.2	56.1	43.4	26.4	14.8	40.7
Mott	12.1	19.4	28.9	41.5	54.2	63.5	69.4	67.9	56.4	43.9	27.6	16.4	41.8
New England	14.2	21.2	30.4	42.8	54.9	64.0	69.5	68.5	57.1	44.9	28.5	18.0	42.8
Richardton Abbey	13.5	20.4	30.3	43.4	55.7	64.3	70.0	68.9	57.9	45.6	28.8	17.4	43.0
Trotters 3 SSE	13.5	20.7	30.7	43.3	54.7	63.5	69.3	68.5	56.9	44.8	28.2	17.2	42.6
SOUTHWEST	13.6	20.7	30.1	42.3	54.0	63.2	69.0	67.9	56.4	44.2	28.2	17.4	42.3
Almont	11.4	19.2	29.8	43.8	56.4	64.8	70.0	68.9	58.1	45.4	28.1	15.7	42.6
Bismarck Municipal AP	10.2	18.1	29.7	43.3	56.0	64.7	70.4	69.0	57.7	45.2	28.0	15.2	42.3
Breien	11.0	18.8	30.3	44.2	56.5	65.3	70.7	69.6	58.5	45.4	28.3	15.8	42.9
Fort Yates 4 SW	13.4	20.6	30.7	44.6	57.4	66.7	72.5	71.1	60.0	47.6	30.1	17.9	44.4
Heart Butte Dam	11.2	18.4	28.5	42.4	55.1	64.4	70.0	68.7	57.5	45.0	28.2	16.4	42.2
Mandan Exp Station	10.0	17.2	28.5	42.7	55.7	64.6	70.2	68.7	57.3	44.7	27.9	15.1	41.9
New Salem 5 NW	8.8	15.9	27.3	41.6	54.8	63.5	69.1	67.8	57.2	43.7	26.0	13.4	40.8
Pretty Rock	13.5	20.6	30.0	43.0	55.3	64.4	70.3	69.3	58.2	45.7	28.8	17.8	43.1
SOUTH CENTRAL	10.5	17.9	28.8	42.5	55.3	64.3	69.9	68.4	57.2	44.6	27.4	15.3	41.8
Ashley	9.6	16.8	28.5	43.4	56.5	65.5	71.2	69.3	58.3	45.2	27.4	14.6	42.2
Forman 5 SSE	7.8	15.1	27.7	43.5	57.0	65.8	71.0	69.3	58.3	45.4	27.9	13.9	41.9
Fullerton 1 ESE	9.6	17.0	29.1	44.4	57.5	66.0	71.2	69.4	59.1	46.2	27.9	14.5	42.7
Gackle	8.9	15.9	27.4	43.0	56.5	65.4	70.7	69.2	58.4	45.6	27.1	13.8	41.8
LaMoure	7.1	14.6	27.1	42.4	55.8	64.8	69.9	67.6	56.8	44.1	26.6	13.2	40.8
Lisbon	6.9	13.8	26.4	42.1	55.9	65.3	70.5	68.6	57.1	44.4	27.1	13.3	41.0
Napoleon	8.3	15.1	27.0	41.9	54.8	63.9	69.5	68.2	57.0	44.3	26.7	13.5	40.9
Wahpeton 3 N	8.7	16.0	28.8	45.3	59.3	67.8	72.2	70.3	60.0	47.3	28.9	14.6	43.3
SOUTHEAST	8.4	15.7	27.9	43.0	56.1	65.1	70.3	68.3	57.5	44.8	27.2	13.9	41.5
STATE	7.8	15.3	26.8	41.7	54.9	63.8	68.7	67.3	56.2	43.7	26.1	13.0	40.4