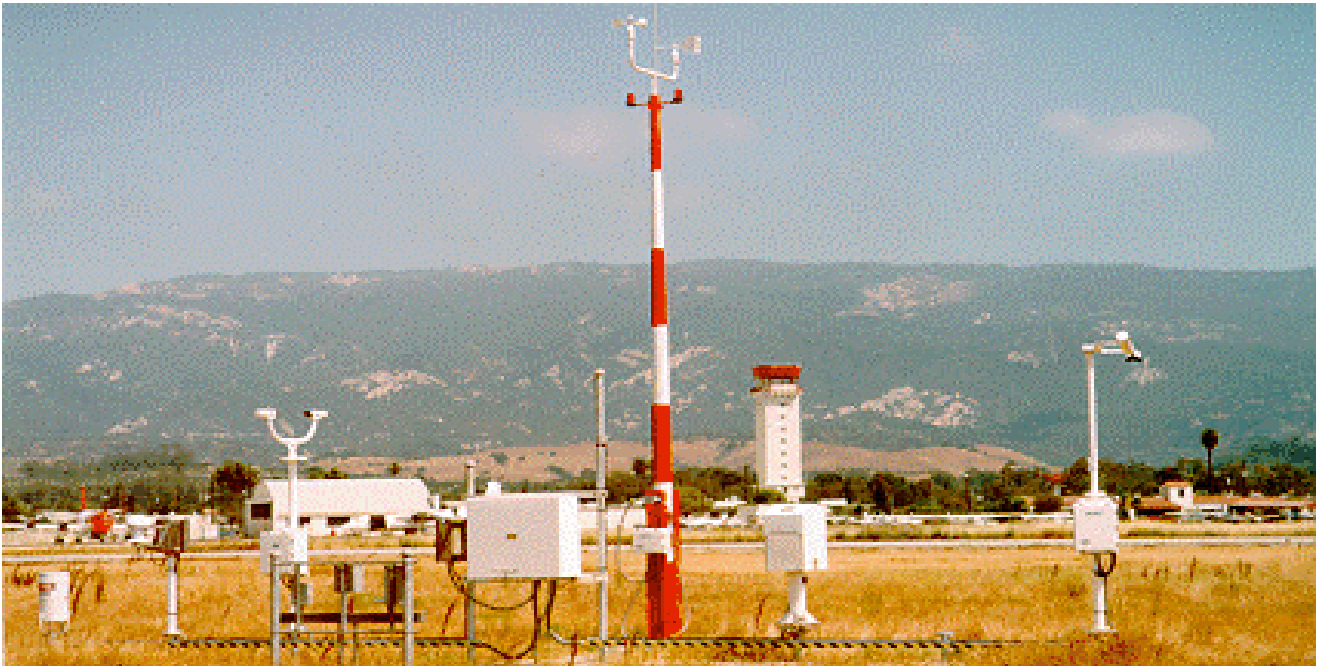




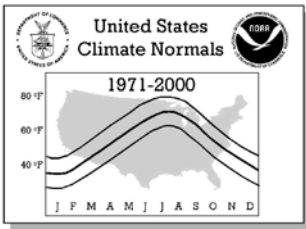
**Monthly Station Normals
of Temperature, Precipitation,
and Heating and Cooling
Degree Days
1971 - 2000**



**32
NORTH DAKOTA**



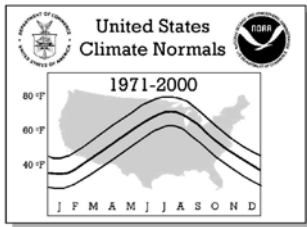
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE
NATIONAL CLIMATIC DATA CENTER
ASHEVILLE, NC



CLIMATOGRAPHY OF THE UNITED STATES NO. 81
Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days
1971-2000

NORTH DAKOTA

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CLIMATOGRAPHY OF THE UNITED STATES NO. 81

Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

NORTH DAKOTA

NOTES

Product Description:

This Climatography includes 1971-2000 normals of monthly and annual maximum, minimum, and mean temperature (degrees F), monthly and annual total precipitation (inches), and heating and cooling degree days (base 65 degrees F). Normals stations include both National Weather Service Cooperative Network and Principal Observation (First-Order) locations in the 50 states, Puerto Rico, the Virgin Islands, and Pacific Islands.

Abbreviations:

No. = Station Number in State Map

COOP ID = Cooperative Network ID (1:2=State ID, 3:6=Station Index)

WBAN ID = Weather Bureau Army Navy ID, if assigned

Elements = Input Elements (X=Maximum Temperature, N=Minimum Temperature, P=Precipitation)

Call = 3-Letter Station Call Sign, if assigned

MAX = Normal Maximum Temperature (degrees Fahrenheit)

MEAN = Average of MAX and MIN (degrees Fahrenheit)

MIN = Normal Minimum Temperature (degrees Fahrenheit)

HDD = Total Heating Degree Days (base 65 degrees Fahrenheit)

CDD = Total Cooling Degree Days (base 65 degrees Fahrenheit)

Latitude = Latitude in degrees, minutes, and hemisphere (N=North, S=South)

Longitude = Longitude in degrees, minutes, and hemisphere (W=West, E=East)

Elev = Elevation in feet above mean sea level

Flag 1 = * if a published *Local Climatological Data* station

Flag 2 = + if WMO Fully Qualified (see *Note* below)

HIGHEST MEAN/YEAR = Maximum Mean Monthly Value/Year, 1971-2000

MEDIAN = Median Mean Monthly Value/Year, 1971-2000

LOWEST MEAN/YEAR = Minimum Mean Monthly Value/Year, 1971-2000

MAX OBS TIME ADJUSTMENT = Add to MAX to Get Midnight Obs. Schedule

MIN OBS TIME ADJUSTMENT = Add to MIN to Get Midnight Obs. Schedule

Note: In 1989, the World Meteorological Organization (WMO) prescribed standards of data completeness for the 1961-1990 WMO Standard Normals. For full qualification, no more than three consecutive year-month values can be missing for a given month or no more than five overall values can be missing for a given month (out of 30 values). Stations meeting these standards are indicated with a '+' sign in Flag 2. Otherwise, stations are included in the normals if they have at least 10 year-month values for each month and have been active since January 1999 or were a previous normals station.

Map Legend: Numbers correspond to 'No.' in Station Inventory; Shaded Circles indicate Temperature and Precipitation Stations, Triangles (Point Up) indicate Precipitation-Only Stations, Triangles (Point Down) indicate Temperature-Only Stations, and Hexagons indicate stations with Flag 1 = *.

Computational Procedures:

A climate normal is defined, by convention, as the arithmetic mean of a climatological element computed over three consecutive decades (WMO, 1989). Ideally, the data record for such a 30-year period should be free of any inconsistencies in observational practices (e.g., changes in station location, instrumentation, time of observation, etc.) and be serially complete (i.e., no missing values). When present, inconsistencies can lead to a non-climatic bias in one period of a station's record relative to another, yielding an "inhomogeneous" data record. Adjustments and estimations can make a climate record "homogeneous" and serially complete, and allow a climate normal to be calculated simply as the average of the 30 monthly values.

The methodology employed to generate the 1971-2000 normals is not the same as in previous normals, as it addresses inhomogeneity and missing data value problems using several steps. The technique developed by Karl *et al.* (1986) is used to adjust monthly maximum and minimum temperature observations of conterminous U.S. stations to a consistent midnight-to-midnight schedule. All monthly temperature averages and precipitation totals are cross-checked against archived daily observations to ensure internal consistency. Each monthly observation is evaluated using a modified quality control procedure (Peterson *et al.*, 1998), where station observation departures are computed, compared with neighboring stations, and then flagged and estimated where large differences with neighboring values exist. Missing or discarded temperature and precipitation observations are replaced using a weighting function derived from the observed relationship between a candidate's monthly observations and those of up to 20 neighboring stations whose observations are most strongly correlated with the candidate site. For temperature estimates, neighboring stations were selected from the U.S. Historical Climatology Network (USHCN; Karl *et al.* 1990). For precipitation estimates, all available stations were potential neighbors, maximizing station density for estimating the more spatially variable precipitation values.

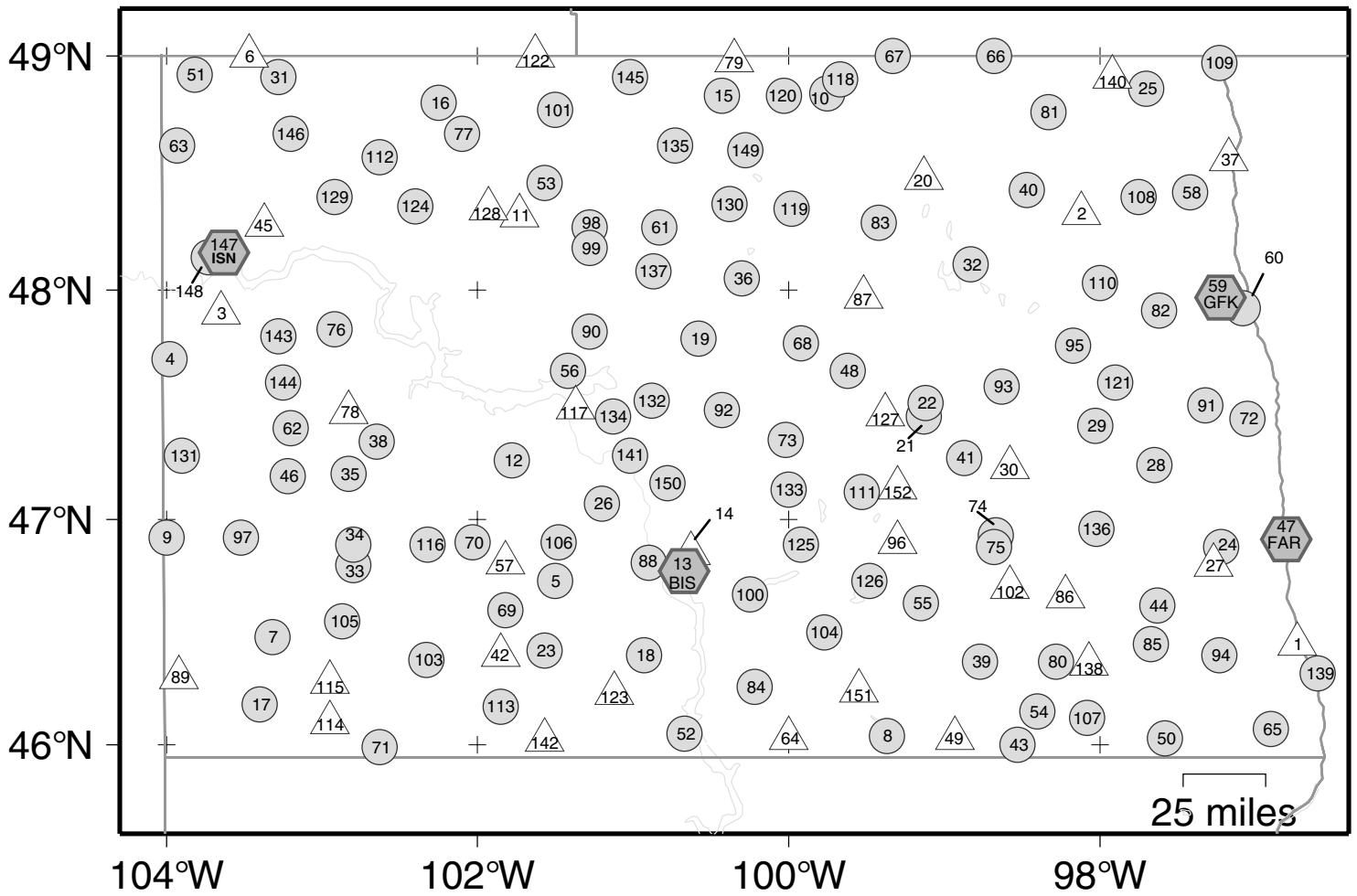
Peterson and Easterling (1994) and Easterling and Peterson (1995) outline the method for adjusting temperature inhomogeneities. This technique involves comparing the record of the candidate station with a reference series generated from neighboring data. The reference series is reconstructed using a weighted average of first difference observations (the difference from one year to the next) for neighboring stations with the highest correlation with the candidate. The underlying assumption behind this methodology is that temperatures over a region have similar tendencies in variation. If this assumption is violated, the potential discontinuity is evaluated for statistical significance. Where significant discontinuities are detected, the difference in average annual temperatures before and after the inhomogeneity is applied to adjust the mean of the earlier block with the mean of the latter block of data. Such an evaluation requires a minimum of five years between discontinuities. Consequently, if multiple changes occur within five years or if a change occurs very near the end of the normals period (e.g., after 1995), the discontinuity may not be detectable using this methodology.

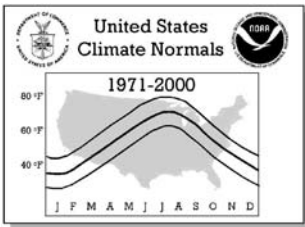
The monthly normals for maximum and minimum temperature and precipitation are computed simply by averaging the appropriate 30 values from the 1971-2000 record. The monthly average temperature normals are computed by averaging the corresponding monthly maximum and minimum normals. The annual temperature normals are calculated by taking the average of the 12 monthly normals. The annual precipitation and degree day normals are the sum of the 12 monthly normals. Trace precipitation totals are shown as zero. Precipitation totals include rain and the liquid equivalent of frozen and freezing precipitation (e.g., snow, sleet, freezing rain, and hail). For many NWS locations, indicated with an '*' next to 'HDD' and 'CDD' in the degree day table, degree day normals are computed directly from daily values for the 1971-2000 period. For all other stations, estimated degree day totals are based on a modification of the rational conversion formula developed by Thom (1966), using daily spline-fit means and standard deviations of average temperature as inputs.

References:

- Easterling, D.R., and T.C. Peterson, 1995: [A new method for detecting and adjusting for undocumented discontinuities in climatological time series](#). *Intl. J. Clim.*, **15**, 369-377.
- Karl, T.R., C.N. Williams, Jr., P.J. Young, and W.M. Wendland, 1986: [A model to estimate the time of observation bias associated with monthly mean maximum, minimum, and mean temperatures for the United States](#). *J. Clim. Appl. Met.*, **25**, 145-160.
- Peterson, T.C., and D.R. Easterling, 1994: [Creation of homogeneous composite climatological reference series](#). *Intl. J. Clim.*, **14**, 671-679.
- Peterson, T.C., R. Vose, R. Schmoyer, and V. Razuvaev, 1998: [Global Historical Climatology Network \(GHCN\) quality control of monthly temperature data](#). *Intl. J. Clim.*, **18**, 1169-1179.
- Thom, H.C.S., 1966: [Normal degree days above any base by the universal truncation coefficient](#). *Month. Wea. Rev.*, **94**, 461-465.
- World Meteorological Organization, 1989: [Calculation of Monthly and Annual 30-Year Standard Normals](#), WCDP-No. 10, WMO-TD/No. 341, Geneva: World Meteorological Organization.

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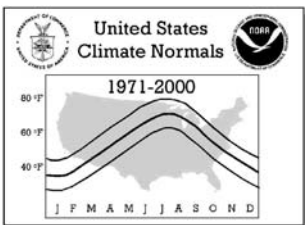


CLIMATOGRAPHY OF THE UNITED STATES NO. 81

Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

NORTH DAKOTA

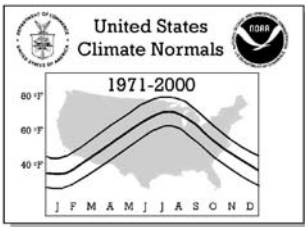
STATION INVENTORY										
No.	COOP ID	WBAN ID	Elements	Station Name	Call	Latitude	Longitude	Elev	Flag 1	Flag 2
1	320005		P	ABERCROMBIE		46 27 N	96 44 W	935		
2	320022		P	ADAMS 7 SSW		48 20 N	98 07 W	1554		+
3	320096		P	ALEXANDER 4 NNW		47 54 N	103 39 W	2140		
4	320101		XNP	ALEXANDER 18 SW		47 42 N	103 59 W	2035		
5	320127		XNP	ALMONT		46 44 N	101 30 W	1915		
6	320189		P	AMBROSE 3 N		49 00 N	103 28 W	2027		+
7	320209		XNP	AMIDON		46 29 N	103 19 W	2910		+
8	320382		XNP	ASHLEY		46 02 N	99 23 W	2001		+
9	320590		XNP	BEACH		46 55 N	104 00 W	2789		
10	320626		XNP	BELCOURT KEYA RADIO		48 50 N	99 45 W	1960		+
11	320729		P	BERTHOLD		48 19 N	101 44 W	2080		+
12	320766		XNP	BEULAH 1 W		47 16 N	101 47 W	1785		+
13	320819	24011	XNP	BISMARCK MUNICIPAL AP	BIS	46 47 N	100 45 W	1651	*	+
14	320827		P	BISMARCK 7 NE		46 51 N	100 38 W	1810		+
15	320941		XNP	BOTTINEAU		48 50 N	100 26 W	1640		+
16	320961		XNP	BOWBELLS		48 48 N	102 15 W	1958		+
17	320995		XNP	BOWMAN		46 11 N	103 24 W	2960		+
18	321052		XNP	BREIEN		46 24 N	100 56 W	1720		+
19	321225		XNP	BUTTE 5 SE		47 48 N	100 35 W	1720		+
20	321288		P	CANDO 2 E		48 29 N	99 09 W	1490		
21	321360		XNP	CARRINGTON		47 27 N	99 08 W	1586		+
22	321362		XNP	CARRINGTON 4 N		47 30 N	99 07 W	1560		+
23	321370		XNP	CARSON		46 25 N	101 34 W	2310		+
24	321408		XNP	CASSELTON AGRONOMY FRM		46 53 N	97 14 W	935		
25	321435		XNP	CAVALIER 7 NW		48 52 N	97 42 W	890		+
26	321456		XNP	CENTER 4 SE		47 04 N	101 12 W	1990		+
27	321477		P	CHAFFEE 5 NE		46 48 N	97 16 W	965		+
28	321686		XNP	COLGATE		47 15 N	97 39 W	1180		+
29	321766		XNP	COOPERSTOWN		47 24 N	98 02 W	1380		+
30	321816		P	COURTENAY 1 NW		47 14 N	98 35 W	1515		+
31	321871		XNP	CROSBY		48 54 N	103 18 W	1952		+
32	322158	14912	XNP	DEVILS LAKE KDLR		48 06 N	98 51 W	1464		+
33	322183	24012	XNP	DICKINSON AP	DIK	46 48 N	102 48 W	2585		+
34	322188		XNP	DICKINSON EXP STN		46 53 N	102 49 W	2460		+
35	322193		XNP	DICKINSON RANCH HQ		47 12 N	102 50 W	2379		
36	322304		XNP	DRAKE 9 NE		48 03 N	100 19 W	1530		+
37	322312		P	DRAYTON		48 34 N	97 11 W	800		
38	322365		XNP	DUNN CENTER 2 SW		47 21 N	102 39 W	2232		+
39	322482		XNP	EDGELEY 3 WNW		46 22 N	98 46 W	1558		
40	322525		XNP	EDMORE 1 NW		48 26 N	98 28 W	1535		+
41	322536		XNP	EDMUNDS ARROWWOOD REF		47 16 N	98 52 W	1460		
42	322588		P	ELGIN		46 24 N	101 51 W	2400		
43	322605		XNP	ELLENDALE		46 00 N	98 32 W	1455		+
44	322695		XNP	ENDERLIN 2 W		46 37 N	97 38 W	1150		
45	322735		P	EPPING		48 17 N	103 22 W	2220		
46	322809		XNP	FAIRFIELD		47 11 N	103 13 W	2750		+
47	322859	14914	XNP	FARGO HECTOR AP	FAR	46 56 N	96 49 W	900	*	+
48	322949		XNP	FESSENDEN		47 39 N	99 37 W	1620		
49	323064		P	FORBES 10 NW		46 02 N	98 57 W	2060		+
50	323117		XNP	FORMAN 5 SSE		46 02 N	97 36 W	1250		+
51	323196		XNP	FORTUNA 1 W		48 55 N	103 49 W	2350		
52	323207		XNP	FORT YATES 4 SW		46 03 N	100 40 W	1675		+
53	323217		XNP	FOXHOLM 7 N		48 28 N	101 34 W	1675		+
54	323287		XNP	FULLERTON 1 ESE		46 09 N	98 24 W	1435		+
55	323309		XNP	GACKLE		46 38 N	99 09 W	1951		+
56	323376		XNP	GARRISON 1 NNW	N60	47 39 N	101 25 W	1935		+
57	323496		P	GLEN ULLIN		46 49 N	101 50 W	2090		
58	323594		XNP	GRAFTON		48 25 N	97 25 W	827		+
59	323616	14916	XNP	GRAND FORKS INTL AP	GFK	47 57 N	97 11 W	839	*	+
60	323621		XNP	GRAND FORKS UNIV NWS		47 55 N	97 06 W	830		+
61	323686		XNP	GRANVILLE		48 16 N	100 51 W	1510		
62	323705		XNP	GRASSY BUTTE 2 ENE		47 24 N	103 12 W	2670		
63	323736		XNP	GRENORA		48 37 N	103 56 W	2129		
64	323826		P	HAGUE		46 02 N	100 00 W	1898		+
65	323908		XNP	HANKINSON		46 04 N	96 54 W	1070		
66	323936		XNP	HANNAH		49 00 N	98 41 W	1575		
67	323963		XNP	HANSBORO 4 NNE		49 00 N	99 21 W	1540		+
68	324013		XNP	HARVEY		47 46 N	99 55 W	1600		
69	324091		XNP	HEART BUTTE DAM		46 36 N	101 49 W	2134		
70	324102		XNP	HEBRON		46 54 N	102 03 W	2158		



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1971-2000

NORTH DAKOTA

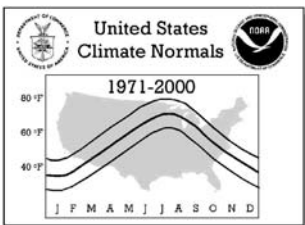
STATION INVENTORY										
No.	COOP ID	WBAN ID	Elements	Station Name	Call	Latitude	Longitude	Elev	Flag 1	Flag 2
71	324178		XNP	HETTINGER		46 00 N	102 39 W	2680		+
72	324203		XNP	HILLSBORO 3 N		47 26 N	97 04 W	910		+
73	324343		XNP	HURDSFIELD 8 SW		47 21 N	100 01 W	1940		
74	324413	14919	XNP	JAMESTOWN MUNICIPAL AP	JMS	46 56 N	98 40 W	1494		+
75	324418		XNP	JAMESTOWN ST HOSPITAL		46 53 N	98 41 W	1467		+
76	324571		XNP	KEENE 3 S		47 50 N	102 55 W	2470		+
77	324646		XNP	KENMARE 1 WSW		48 40 N	102 06 W	1810		+
78	324726		P	KILLDEER 8 NW		47 28 N	102 50 W	1895		
79	324879		P	LAKE METIGOSHE ST PK		48 59 N	100 21 W	2142		
80	324937		XNP	LA MOURE		46 22 N	98 17 W	1360		+
81	324958		XNP	LANGDON EXP FARM		48 46 N	98 21 W	1615		+
82	325013		XNP	LARIMORE		47 55 N	97 38 W	1133		
83	325078		XNP	LEEDS		48 17 N	99 26 W	1530		+
84	325210		XNP	LINTON		46 16 N	100 14 W	1690		
85	325220		XNP	LISBON		46 27 N	97 41 W	1104		
86	325230		P	LITCHVILLE 2 NW		46 40 N	98 14 W	1467		+
87	325434		P	MADDOCK		47 58 N	99 31 W	1610		
88	325479		XNP	MANDAN EXPERIMENT STN		46 49 N	100 55 W	1750		+
89	325575		P	MARMARTH		46 18 N	103 56 W	2710		
90	325638		XNP	MAX		47 49 N	101 18 W	2110		+
91	325660		XNP	MAYVILLE		47 30 N	97 19 W	935		
92	325710		XNP	MC CLUSKY		47 29 N	100 26 W	1925		+
93	325730		XNP	MC HENRY 3 W		47 35 N	98 39 W	1555		+
94	325754		XNP	MC LEOD 3 E		46 24 N	97 14 W	1075		+
95	325764		XNP	MC VILLE		47 46 N	98 11 W	1467		
96	325798		P	MEDINA		46 54 N	99 18 W	1795		+
97	325813		XNP	MEDORA		46 55 N	103 31 W	2290		+
98	325988	24013	XNP	MINOT AP		48 16 N	101 17 W	1715		+
99	325993		XNP	MINOT EXPERIMENT STN		48 11 N	101 18 W	1769		+
100	326015		XNP	MOFFIT 3 SE		46 40 N	100 15 W	1800		+
101	326025		XNP	MOHALL		48 46 N	101 31 W	1640		
102	326105		P	MONTPELIER		46 42 N	98 35 W	1380		+
103	326155		XNP	MOTT		46 23 N	102 20 W	2525		+
104	326255		XNP	NAPOLEON		46 30 N	99 46 W	1980		+
105	326315		XNP	NEW ENGLAND		46 33 N	102 52 W	2639		+
106	326365		XNP	NEW SALEM 5 NW		46 54 N	101 29 W	2150		+
107	326620		XNP	OAKES 2 S		46 07 N	98 05 W	1310		
108	326857		XNP	PARK RIVER		48 24 N	97 45 W	970		
109	326947	14924	XNP	PEMBINA		48 58 N	97 14 W	790		+
110	327027		XNP	PETERSBURG 2 N		48 02 N	98 00 W	1530		+
111	327047		XNP	PETTIBONE		47 07 N	99 32 W	1850		+
112	327281		XNP	POWERS LAKE 1 N		48 34 N	102 39 W	2205		+
113	327311		XNP	PRETTY ROCK		46 10 N	101 51 W	2480		+
114	327450		P	REEDER		46 06 N	102 57 W	2812		+
115	327452		P	REEDER 13 N		46 17 N	102 57 W	2756		+
116	327530		XNP	RICHARDTON ABBEY		46 53 N	102 19 W	2470		+
117	327585		P	RIVERDALE		47 29 N	101 23 W	1960		
118	327664		XNP	ROLLA 3 NW		48 54 N	99 40 W	1950		+
119	327704		XNP	RUGBY		48 21 N	100 00 W	1550		+
120	327824		XNP	SAN HAVEN		48 50 N	100 02 W	1923		
121	327986		XNP	SHARON		47 36 N	97 54 W	1525		+
122	328047		P	SHERWOOD 3 N		49 00 N	101 38 W	1647		
123	328065		P	SHIELDS		46 14 N	101 07 W	1806		+
124	328276		XNP	STANLEY 3 NNW		48 21 N	102 25 W	2280		
125	328366		XNP	STEELE 3 N		46 54 N	99 56 W	1885		
126	328415		XNP	STREETER 7 NW		46 44 N	99 29 W	1900		
127	328608		P	SYKESTON		47 28 N	99 24 W	1634		+
128	328627		P	TAGUS		48 21 N	101 56 W	2170		+
129	328737		XNP	TIOGA 1 E		48 24 N	102 55 W	2245		+
130	328792		XNP	TOWNER 2 NE		48 22 N	100 23 W	1480		
131	328812		XNP	TROTTERS 3 SSE		47 17 N	103 54 W	2420		+
132	328840		XNP	TURTLE LAKE		47 31 N	100 54 W	1906		+
133	328850		XNP	TUTTLE		47 08 N	100 00 W	1879		
134	328872		XNP	UNDERWOOD		47 27 N	101 09 W	2020		+
135	328913		XNP	UPHAM 3 N		48 37 N	100 44 W	1425		+
136	328937		XNP	VALLEY CITY 3 NNW		46 57 N	98 01 W	1210		+
137	328990		XNP	VELVA 3 NE		48 05 N	100 53 W	1535		
138	329035		P	VERONA		46 22 N	98 05 W	1370		
139	329100		XNP	WAHPETON 3 N		46 19 N	96 37 W	956		+
140	329155		P	WALHALLA 1 SW		48 55 N	97 55 W	940		



CLIMATOGRAPHY OF THE UNITED STATES NO. 81
 Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days
1971-2000

NORTH DAKOTA

No.	Station Name	Element	TEMPERATURE NORMALS (Degrees Fahrenheit)												
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
004	ALEXANDER 18 SW	MAX	22.0	29.5	41.4	56.5	68.1	77.6	84.4	84.5	71.6	57.9	38.2	26.3	54.8
		MEAN	10.6	18.8	29.8	43.4	54.3	63.8	69.9	69.1	57.1	44.2	27.7	15.2	42.0
		MIN	-0.8	8.0	18.1	30.3	40.4	49.9	55.3	53.6	42.6	30.5	17.2	4.0	29.1
005	ALMONT	MAX	23.1	30.5	41.8	58.3	70.9	78.4	84.5	84.0	73.4	60.1	39.2	27.0	55.9
		MEAN	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
		MIN	-0.3	7.8	17.8	29.3	41.8	51.1	55.4	53.8	42.7	30.7	16.9	4.4	29.3
007	AMIDON	MAX	26.5	33.6	43.7	57.1	69.2	78.7	85.8	85.7	73.0	59.3	40.9	30.3	57.0
		MEAN	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
		MIN	4.5	11.3	19.6	30.6	41.7	50.7	56.0	54.4	43.8	32.4	19.0	8.3	31.0
008	ASHLEY	MAX	20.5	27.5	39.0	55.6	68.8	77.4	84.0	82.8	71.9	58.3	37.7	24.8	54.0
		MEAN	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
		MIN	-1.3	6.0	18.0	31.2	44.1	53.5	58.3	55.7	44.7	32.1	17.0	4.3	30.3
009	BEACH	MAX	25.0	31.7	42.5	56.6	68.4	78.0	84.7	84.6	72.8	58.1	39.5	28.9	55.9
		MEAN	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
		MIN	5.3	12.3	20.4	30.4	41.4	50.2	54.8	53.3	43.3	32.1	19.3	9.2	31.0
010	BELCOURT KEYA RADIO	MAX	13.9	21.2	32.0	49.9	64.0	72.3	77.7	77.1	65.5	52.8	32.3	18.5	48.1
		MEAN	1.9	9.3	20.6	36.9	50.9	59.8	65.0	63.0	52.0	39.5	21.9	7.4	35.7
		MIN	-10.2	-2.7	9.1	23.8	37.8	47.2	52.2	48.9	38.4	26.2	11.5	-3.7	23.2
012	BEULAH 1 W	MAX	21.7	29.4	41.2	57.5	70.8	78.7	84.8	84.7	72.9	59.6	38.7	26.2	55.5
		MEAN	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
		MIN	0.2	8.4	18.8	29.8	41.3	50.3	54.8	53.8	42.6	31.9	17.6	5.4	29.6
013	BISMARCK MUNICIPAL AP	MAX	21.1	28.5	40.2	55.9	69.1	77.8	84.5	83.3	71.6	58.2	38.2	25.7	54.5
		MEAN	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
		MIN	-0.6	7.8	19.1	30.6	42.8	51.6	56.4	54.7	43.7	32.1	17.8	4.8	30.1
015	BOTTFINEAU	MAX	13.8	21.1	32.9	51.7	66.9	74.8	79.4	78.9	67.3	53.7	32.8	18.7	49.3
		MEAN	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
		MIN	-7.8	-0.1	12.8	27.6	40.6	49.9	54.0	52.0	41.5	29.1	13.6	-1.7	26.0
016	BOWBELLS	MAX	16.1	23.1	34.3	52.6	67.1	75.5	80.4	80.2	67.7	54.7	33.8	21.1	50.6
		MEAN	6.2	13.3	24.4	40.2	53.4	62.3	66.9	65.6	54.2	42.0	24.4	11.4	38.7
		MIN	-3.8	3.5	14.4	27.7	39.7	49.0	53.4	50.9	40.6	29.2	15.0	1.7	26.8
017	BOWMAN	MAX	25.4	31.8	41.3	54.4	66.3	76.1	83.8	83.7	71.6	58.0	39.8	29.3	55.1
		MEAN	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
		MIN	3.7	9.9	18.4	29.3	40.9	50.1	55.0	52.9	41.6	30.4	17.2	6.9	29.7
018	BREIEN	MAX	23.5	30.6	42.5	58.8	71.2	79.7	86.0	85.7	74.7	60.7	40.2	28.0	56.8
		MEAN	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
		MIN	-1.6	6.9	18.1	29.5	41.8	50.8	55.4	53.5	42.2	30.1	16.3	3.6	28.9
019	BUTTE 5 SE	MAX	17.0	24.1	36.6	54.7	69.4	77.7	83.2	82.5	70.9	56.6	34.6	21.7	52.4
		MEAN	7.0	14.2	26.5	42.2	56.1	65.0	70.1	68.9	58.0	44.7	25.6	12.2	40.9
		MIN	-3.1	4.2	16.4	29.6	42.7	52.2	56.9	55.2	45.1	32.8	16.6	2.6	29.3
021	CARRINGTON	MAX	16.4	23.1	34.4	51.9	67.0	74.9	79.9	79.3	68.3	55.1	34.2	20.9	50.5
		MEAN	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
		MIN	-2.5	4.7	16.1	29.4	42.9	52.6	57.2	54.2	43.4	31.8	16.7	3.3	29.2
022	CARRINGTON 4 N	MAX	16.7	24.2	36.3	54.8	70.6	78.1	82.7	82.1	71.5	57.2	34.9	21.8	52.6
		MEAN	6.5	13.8	26.0	41.8	56.1	64.6	68.9	67.5	57.4	44.4	25.6	12.1	40.4
		MIN	-3.7	3.3	15.6	28.8	41.6	51.1	55.1	52.8	43.3	31.6	16.2	2.3	28.2
023	CARSON	MAX	20.9	27.7	38.0	53.0	66.4	74.4	81.0	80.7	69.5	57.0	37.7	25.6	52.7
		MEAN	10.8	17.8	27.7	41.0	54.0	62.7	68.5	67.3	56.1	44.2	27.7	15.5	41.1
		MIN	0.6	7.8	17.3	28.9	41.6	51.0	56.0	53.9	42.7	31.4	17.6	5.4	29.5
024	CASSELTON AGRONOMY FRM	MAX	16.3	23.7	35.8	54.6	70.2	77.8	82.9	82.0	72.0	57.8	36.2	21.9	52.6
		MEAN	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
		MIN	-4.9	1.7	16.6	29.8	42.8	52.6	57.4	55.0	44.6	32.6	17.1	2.9	29.0
025	CAVALIER 7 NW	MAX	12.2	19.8	31.5	51.0	67.6	74.9	78.7	78.2	67.4	53.5	32.7	17.8	48.8
		MEAN	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
		MIN	-7.3	0.0	13.5	28.5	41.2	51.3	55.5	52.6	42.6	31.2	15.4	-0.1	27.0
026	CENTER 4 SE	MAX	22.4	28.2	39.4	54.6	67.9	76.5	82.4	82.1	71.0	58.2	38.7	26.7	54.0
		MEAN	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
		MIN	-1.4	5.8	16.0	27.5	40.1	49.5	54.1	51.8	41.2	30.3	15.5	4.0	27.9
028	COLGATE	MAX	13.9	21.4	33.7	53.4	69.2	77.1	82.3	81.8	70.4	55.8	33.7	19.1	51.0
		MEAN	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
		MIN	-6.8	0.1	14.4	29.1	42.5	51.7	55.9	54.1	43.5	30.8	14.4	0.2	27.5
029	COOPERSTOWN	MAX	14.3	22.1	34.6	53.0	68.3	76.4	81.2	80.4	69.4	55.6	33.3	19.5	50.7
		MEAN	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
		MIN	-4.3	3.4	16.3	30.0	42.8	52.2	56.5	54.0	43.9	32.2	16.5	2.1	28.8
031	CROSBY	MAX	17.8	25.7	38.2	56.1	69.7	77.9	83.0	82.3	69.9	56.2	34.9	22.2	52.8
		MEAN	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
		MIN	-1.7	6.6	18.0	30.5	42.4	51.3	55.3	53.2	43.1	32.1	16.7	3.5	29.3
032	DEVILS LAKE KDLR	MAX	14.7	22.3	33.6	52.1	67.5	75.3	80.1	79.1	67.7	53.9	33.1	19.4	49.9
		MEAN	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
		MIN	-2.5	5.2	17.3	32.0	44.9	54.3	58.6	56.2	46.5	34.6	18.4	3.6	30.8

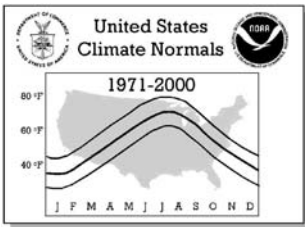


CLIMATOGRAPHY OF THE UNITED STATES NO. 81

Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

NORTH DAKOTA

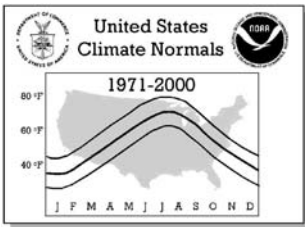
No.	Station Name	Element	TEMPERATURE NORMALS (Degrees Fahrenheit)												
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
033	DICKINSON AP	MAX	23.7	30.7	40.9	54.9	67.1	76.0	83.2	82.8	70.6	57.6	38.7	27.9	54.5
		MEAN	14.2	21.2	30.4	42.8	54.5	63.4	69.4	68.7	57.2	45.3	29.0	18.2	42.9
		MIN	4.6	11.6	19.9	30.6	41.9	50.8	55.6	54.5	43.8	33.0	19.3	8.4	31.2
034	DICKINSON EXP STN	MAX	23.9	30.9	40.8	54.6	67.1	76.0	82.6	82.9	71.0	57.9	39.3	28.2	54.6
		MEAN	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
		MIN	0.0	6.9	16.5	28.0	39.7	48.8	53.5	51.6	39.8	28.7	15.2	4.1	27.7
035	DICKINSON RANCH HQ	MAX	22.0	29.0	39.5	54.4	66.9	76.1	82.7	82.7	70.4	57.5	37.9	26.1	53.8
		MEAN	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
		MIN	1.5	8.9	18.5	29.8	41.8	51.3	56.0	54.4	43.6	31.8	17.4	6.0	30.1
036	DRAKE 9 NE	MAX	15.8	23.0	34.6	52.8	67.6	75.9	80.9	80.1	69.1	55.3	33.9	20.7	50.8
		MEAN	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
		MIN	-5.8	2.0	14.4	29.2	43.2	52.3	56.3	53.9	43.4	30.7	14.8	0.4	27.9
038	DUNN CENTER 2 SW	MAX	23.7	30.7	41.3	56.7	69.5	77.8	84.7	85.3	72.9	58.8	39.1	27.8	55.7
		MEAN	12.8	20.2	30.3	44.0	56.2	64.6	70.2	70.1	58.4	45.9	28.8	17.1	43.2
		MIN	1.9	9.7	19.2	31.2	42.8	51.3	55.7	54.8	43.8	32.9	18.4	6.4	30.7
039	EDGELEY 3 WNW	MAX	18.5	25.1	36.8	53.5	68.2	76.4	82.8	81.8	71.1	57.7	36.5	23.6	52.7
		MEAN	8.9	15.7	27.4	42.0	55.7	64.3	69.8	68.3	57.7	45.2	27.2	14.2	41.4
		MIN	-0.7	6.2	17.9	30.5	43.2	52.1	56.8	54.8	44.3	32.6	17.8	4.8	30.0
040	EDMORE 1 NW	MAX	10.8	18.3	31.0	50.8	66.7	74.4	79.0	78.8	67.3	53.0	31.1	16.2	48.1
		MEAN	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
		MIN	-9.5	-2.1	12.2	27.7	40.6	49.9	53.9	51.6	41.7	29.5	12.7	-2.5	25.5
041	EDMUNDS ARROWWOOD REF	MAX	18.4	25.8	38.1	55.2	70.6	78.1	83.8	82.4	72.7	59.0	37.0	23.8	53.7
		MEAN	8.2	15.8	27.8	42.5	56.6	64.8	69.8	68.0	58.1	45.8	27.3	14.1	41.6
		MIN	-2.1	5.8	17.4	29.7	42.5	51.5	55.8	53.5	43.5	32.6	17.5	4.4	29.3
043	ELLENDALE	MAX	20.5	27.4	39.3	57.3	71.3	79.6	85.1	84.0	73.7	59.3	37.6	24.8	55.0
		MEAN	10.5	17.7	30.0	45.1	58.2	67.0	72.2	70.7	60.2	47.0	28.5	15.5	43.6
		MIN	0.5	8.0	20.6	32.9	45.0	54.3	59.3	57.3	46.6	34.6	19.4	6.1	32.1
044	ENDERLIN 2 W	MAX	18.0	25.5	37.4	55.8	71.1	79.2	84.5	83.1	72.1	58.1	36.8	23.4	53.8
		MEAN	7.9	15.2	27.7	43.5	57.4	66.1	70.9	68.8	58.2	45.3	27.3	13.7	41.8
		MIN	-2.2	4.8	17.9	31.2	43.6	52.9	57.3	54.4	44.3	32.4	17.8	4.0	29.9
046	FAIRFIELD	MAX	20.4	27.8	38.3	53.2	65.5	74.4	81.2	80.9	68.9	55.6	36.3	24.8	52.3
		MEAN	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
		MIN	0.1	6.9	16.8	29.1	41.1	50.2	55.2	53.4	43.2	31.1	16.4	4.7	29.0
047	FARGO HECTOR AP	MAX	15.9	22.8	35.3	54.5	69.5	77.4	82.2	81.0	69.9	56.1	35.2	20.8	51.7
		MEAN	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
		MIN	-2.3	5.4	19.0	32.4	45.3	54.5	59.0	57.0	46.1	34.4	18.7	4.2	31.1
048	FESSENDEN	MAX	15.5	22.8	35.2	53.7	69.1	76.5	81.6	80.9	70.6	56.0	34.2	20.4	51.4
		MEAN	4.9	12.4	25.1	41.5	56.1	64.6	69.3	67.6	57.4	43.5	24.5	10.4	39.8
		MIN	-5.7	1.9	15.0	29.2	43.1	52.6	56.9	54.3	44.2	30.9	14.7	0.4	28.1
050	FORMAN 5 SSE	MAX	17.5	24.7	36.8	54.5	68.9	77.4	83.2	82.2	71.2	57.4	36.9	23.0	52.8
		MEAN	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
		MIN	-2.0	5.4	18.6	32.4	45.1	54.2	58.8	56.4	45.3	33.3	18.8	4.8	30.9
051	FORTUNA 1 W	MAX	15.5	23.4	35.1	52.4	65.9	74.8	80.5	79.9	67.0	53.7	32.9	20.6	50.1
		MEAN	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
		MIN	-4.3	3.7	14.8	28.0	40.2	49.5	53.6	51.6	40.5	28.8	14.5	1.5	26.9
052	FORT YATES 4 SW	MAX	23.5	30.3	40.8	56.3	69.1	78.3	84.8	83.8	73.1	60.0	39.4	27.3	55.6
		MEAN	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
		MIN	3.2	10.9	20.6	32.8	45.7	55.1	60.2	58.3	46.9	35.2	20.8	8.5	33.2
053	FOXHOLM 7 N	MAX	16.5	23.8	36.3	53.4	67.6	76.1	82.0	81.5	69.8	56.0	35.0	21.8	51.7
		MEAN	6.3	14.1	25.6	40.9	55.0	63.8	68.6	66.8	55.9	43.3	25.1	11.9	39.8
		MIN	-4.0	4.3	14.9	28.3	42.4	51.5	55.2	52.1	41.9	30.6	15.2	2.0	27.9
054	FULLERTON 1 ESE	MAX	19.8	27.3	39.3	57.4	71.2	79.1	84.8	83.5	73.2	58.9	37.1	24.2	54.7
		MEAN	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
		MIN	-0.7	6.6	18.8	31.4	43.7	52.9	57.5	55.3	45.0	33.4	18.7	4.8	30.6
055	GACKLE	MAX	18.0	24.8	36.4	54.6	68.8	77.3	82.8	81.7	70.9	57.1	35.6	22.5	52.5
		MEAN	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
		MIN	-0.3	6.9	18.3	31.4	44.1	53.5	58.5	56.6	45.9	34.1	18.5	5.1	31.1
056	GARRISON 1 NNW	MAX	18.1	25.4	36.9	53.5	67.3	75.4	81.2	81.0	69.4	56.1	36.3	23.5	52.0
		MEAN	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
		MIN	-3.1	4.1	16.2	29.4	41.9	50.9	55.2	53.7	42.9	30.7	16.6	3.7	28.5
058	GRAFTON	MAX	13.0	20.9	33.3	53.0	69.7	77.7	81.7	81.1	69.7	55.0	32.9	18.3	50.5
		MEAN	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
		MIN	-2.8	4.9	18.0	32.9	46.6	56.2	60.4	58.1	48.1	36.1	19.7	3.7	31.8
059	GRAND FORKS INTL AP	MAX	14.9	22.4	34.3	53.6	70.0	77.6	81.9	81.0	69.7	55.6	34.1	20.1	51.3
		MEAN	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
		MIN	-4.3	3.7	17.1	31.0	43.5	52.8	56.8	54.5	44.3	33.0	17.4	2.5	29.4
060	GRAND FORKS UNIV NWS	MAX	14.5	22.3	34.3	53.4	69.1	76.9	80.7	80.0	68.8	54.7	33.2	19.3	50.6
		MEAN	5.3	12.9	25.6	42.2	56.5	65.3	69.2	67.8	57.0	44.3	25.6	11.0	40.2
		MIN	-4.0	3.5	16.9	31.0	43.8	53.6	57.7	55.5	45.2	33.8	17.9	2.7	29.8



CLIMATOGRAPHY OF THE UNITED STATES NO. 81
 Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days
1971-2000

NORTH DAKOTA

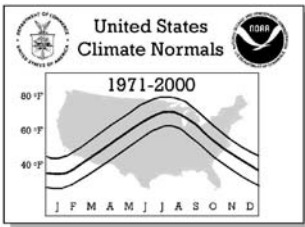
No.	Station Name	Element	TEMPERATURE NORMALS (Degrees Fahrenheit)												
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
061	GRANVILLE	MAX	18.6	26.1	37.3	55.4	69.6	78.1	82.9	83.2	70.7	57.3	37.3	23.6	53.3
		MEAN	8.6	16.5	27.7	42.9	56.2	64.9	69.3	68.5	57.5	45.1	27.6	13.9	41.6
		MIN	-1.5	6.8	18.0	30.4	42.7	51.7	55.7	53.7	44.2	32.8	17.8	4.2	29.7
062	GRASSY BUTTE 2 ENE	MAX	22.0	29.2	40.5	55.7	68.3	76.1	82.7	82.8	70.4	56.4	36.8	25.0	53.8
		MEAN	12.4	19.7	29.8	42.8	54.6	62.7	68.4	67.9	56.7	44.5	27.5	16.0	41.9
		MIN	2.8	10.2	19.0	29.9	40.9	49.3	54.1	52.9	43.0	32.5	18.2	6.9	30.0
063	GRENORA	MAX	17.6	26.0	39.1	55.2	68.5	77.1	83.0	82.2	69.9	56.8	34.9	22.1	52.7
		MEAN	6.9	16.0	28.2	42.1	55.1	63.7	68.8	67.3	55.9	43.7	25.2	11.7	40.4
		MIN	-3.8	5.9	17.2	29.0	41.6	50.3	54.5	52.3	41.8	30.5	15.4	1.2	28.0
065	HANKINSON	MAX	18.9	25.6	36.7	54.6	69.5	78.3	83.7	82.2	71.6	58.5	38.1	24.5	53.5
		MEAN	8.3	15.1	27.3	43.6	57.3	66.4	71.4	69.3	58.6	46.2	28.6	14.6	42.2
		MIN	-2.3	4.5	17.8	32.5	45.0	54.4	59.0	56.3	45.6	33.8	19.0	4.6	30.9
066	HANNAH	MAX	13.1	20.1	32.2	51.8	68.8	75.8	79.3	79.4	68.6	55.1	32.9	18.0	49.6
		MEAN	2.6	9.7	22.0	39.5	54.6	62.6	66.2	65.0	55.0	43.0	23.5	8.0	37.6
		MIN	-7.9	-0.8	11.7	27.2	40.4	49.4	53.0	50.6	41.4	30.9	14.1	-2.0	25.7
067	HANSBORO 4 NNE	MAX	11.9	19.4	31.0	50.1	66.2	74.0	78.6	78.6	67.4	53.2	31.1	17.1	48.2
		MEAN	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
		MIN	-10.4	-1.8	11.6	27.3	39.8	48.4	52.3	49.8	39.6	27.8	10.7	-3.8	24.3
068	HARVEY	MAX	19.5	27.2	38.8	57.5	72.4	79.3	84.5	84.3	73.5	59.7	37.6	24.3	54.9
		MEAN	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
		MIN	-1.0	7.0	18.5	31.3	43.6	52.6	57.0	55.0	45.1	33.7	17.8	5.3	30.5
069	HEART BUTTE DAM	MAX	22.4	29.6	39.9	55.2	67.8	76.6	83.1	82.6	71.6	58.5	39.0	27.3	54.5
		MEAN	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
		MIN	0.0	7.1	17.1	29.6	42.4	52.1	56.9	54.8	43.3	31.5	17.4	5.4	29.8
070	HEBRON	MAX	20.9	28.1	38.9	53.9	66.7	75.2	81.8	81.1	69.5	56.1	36.9	25.5	52.9
		MEAN	10.7	17.9	28.2	41.7	54.2	63.0	68.5	67.2	55.9	43.3	27.1	15.6	41.1
		MIN	0.5	7.7	17.5	29.5	41.6	50.8	55.1	53.2	42.2	30.4	17.2	5.7	29.3
071	HETTINGER	MAX	24.4	30.5	40.3	54.0	66.2	75.8	83.0	82.7	71.1	57.9	39.3	28.3	54.5
		MEAN	13.7	20.1	29.3	41.8	53.6	63.1	69.0	67.9	56.6	44.3	28.2	17.4	42.1
		MIN	3.0	9.7	18.3	29.6	41.0	50.4	55.0	53.1	42.0	30.6	17.0	6.4	29.7
072	HILLSBORO 3 N	MAX	15.8	23.0	35.0	54.0	69.9	77.6	82.5	81.5	70.1	56.2	35.2	21.3	51.8
		MEAN	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
		MIN	-4.4	2.5	16.0	30.6	43.8	53.2	57.7	55.5	44.6	33.0	17.3	3.1	29.4
073	HURDSFIELD 8 SW	MAX	16.0	22.7	34.4	51.7	66.1	74.5	80.4	80.1	68.7	55.0	34.1	21.1	50.4
		MEAN	5.6	12.5	23.8	38.9	52.9	61.8	67.1	65.5	54.5	41.6	24.2	11.0	38.3
		MIN	-4.8	2.2	13.2	26.0	39.6	49.0	53.7	50.9	40.2	28.2	14.3	0.8	26.1
074	JAMESTOWN MUNICIPAL AP	MAX	17.9	24.9	36.7	54.2	69.1	77.2	83.0	81.9	70.3	56.4	35.6	22.4	52.5
		MEAN	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
		MIN	-0.5	6.9	19.1	31.5	44.2	53.5	58.3	56.1	45.4	33.9	18.6	5.2	31.0
075	JAMESTOWN ST HOSPITAL	MAX	16.2	23.5	35.6	53.8	69.2	77.7	83.2	82.0	70.7	56.3	34.8	21.1	52.0
		MEAN	6.2	13.4	25.5	40.8	55.3	64.7	70.2	67.9	56.8	43.9	25.6	11.9	40.2
		MIN	-3.8	3.3	15.3	27.8	41.3	51.7	57.1	53.8	42.9	31.5	16.4	2.7	28.3
076	KEENE 3 S	MAX	21.0	28.9	40.8	57.0	69.6	77.8	83.9	84.3	72.1	58.6	37.2	25.3	54.7
		MEAN	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
		MIN	0.5	8.3	18.3	30.0	41.4	50.4	54.8	54.0	43.7	32.6	18.0	5.5	29.8
077	KENMARE 1 WSW	MAX	17.1	24.2	35.5	52.5	66.1	74.7	80.2	79.7	67.9	54.6	34.9	21.9	50.8
		MEAN	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
		MIN	-3.7	4.1	14.9	28.2	40.7	50.0	53.8	51.1	40.7	29.6	15.2	2.5	27.3
080	LA MOURE	MAX	18.0	25.7	37.6	54.8	69.2	77.3	83.1	81.8	71.2	57.8	37.0	23.6	53.1
		MEAN	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
		MIN	-3.8	3.4	16.5	30.0	42.3	52.2	56.6	53.4	42.3	30.3	16.1	2.7	28.5
081	LANGDON EXP FARM	MAX	9.9	17.3	29.4	48.3	64.8	72.9	76.7	76.6	65.6	51.3	30.1	15.3	46.5
		MEAN	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
		MIN	-9.1	-2.1	11.0	27.2	40.3	50.0	54.0	51.8	41.3	29.1	12.9	-2.2	25.4
082	LARIMORE	MAX	13.9	21.3	33.0	51.6	67.7	75.7	80.1	79.1	68.5	54.7	33.9	19.7	49.9
		MEAN	4.9	11.9	23.6	39.8	55.0	64.0	68.3	66.3	55.4	43.1	25.3	10.5	39.0
		MIN	-4.1	2.4	14.2	27.9	42.3	52.2	56.5	53.5	42.3	31.5	16.7	1.3	28.1
083	LEEDS	MAX	14.3	21.5	32.9	51.4	67.2	75.5	80.1	80.0	68.2	54.7	33.6	19.6	49.9
		MEAN	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
		MIN	-6.2	0.8	11.9	26.1	39.7	49.8	53.8	50.1	40.2	29.4	14.9	0.3	25.9
084	LINTON	MAX	20.3	27.8	39.7	55.9	69.1	78.0	84.5	83.5	72.1	58.5	37.4	24.8	54.3
		MEAN	9.5	17.5	29.4	43.6	56.1	65.1	71.1	69.7	58.0	45.0	27.2	14.7	42.2
		MIN	-1.4	7.2	19.0	31.2	43.1	52.2	57.6	55.8	43.8	31.4	16.9	4.5	30.1
085	LISBON	MAX	17.0	23.9	36.1	54.7	69.1	78.2	83.6	82.5	71.3	57.7	36.7	22.9	52.8
		MEAN	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
		MIN	-3.3	3.7	16.6	29.4	42.7	52.4	57.4	54.7	42.8	31.1	17.5	3.6	29.1
088	MANDAN EXPERIMENT STN	MAX	20.4	27.2	38.6	54.4	67.9	76.5	82.8	81.9	70.5	57.3	37.8	25.0	53.4
		MEAN	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
		MIN	-0.5	7.2	18.4	31.0	43.4	52.6	57.5	55.4	44.1	32.0	18.0	5.2	30.4



CLIMATOGRAPHY OF THE UNITED STATES NO. 81
 Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days
1971-2000

NORTH DAKOTA

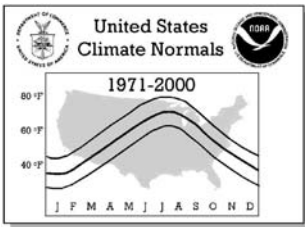
No.	Station Name	Element	TEMPERATURE NORMALS (Degrees Fahrenheit)												
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
090	MAX	MAX	16.5	23.9	35.5	52.1	66.4	74.9	80.7	80.2	68.0	54.4	34.1	21.3	50.7
		MEAN	7.2	14.5	25.7	40.6	54.3	63.2	68.3	66.6	55.1	42.5	25.3	12.3	39.6
		MIN	-2.2	5.0	15.9	29.0	42.2	51.5	55.9	53.0	42.2	30.6	16.5	3.2	28.6
091	MAYVILLE	MAX	16.4	24.6	36.5	56.2	71.3	78.8	83.3	82.3	71.2	57.2	35.6	21.5	52.9
		MEAN	6.3	14.0	26.5	43.3	57.5	65.8	70.1	68.6	58.2	45.6	26.7	12.0	41.2
		MIN	-3.9	3.3	16.5	30.4	43.6	52.8	56.9	54.9	45.1	33.9	17.8	2.4	29.5
092	MC CLUSKY	MAX	18.3	25.5	37.5	55.4	69.9	78.1	83.5	82.9	71.3	57.2	35.8	22.7	53.2
		MEAN	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
		MIN	0.0	7.5	18.7	31.2	43.9	53.1	57.6	56.0	45.6	33.7	18.6	5.3	30.9
093	MC HENRY 3 W	MAX	14.3	22.1	33.7	52.4	68.4	75.8	81.1	80.3	68.7	54.8	33.2	19.1	50.3
		MEAN	4.8	12.6	24.9	41.2	55.7	64.0	69.0	67.5	56.5	43.7	24.9	10.5	39.6
		MIN	-4.8	3.0	16.0	29.9	42.9	52.2	56.9	54.6	44.2	32.5	16.6	1.8	28.8
094	MC LEOD 3 E	MAX	16.0	23.3	35.9	54.7	69.7	78.1	83.0	82.0	71.0	57.4	36.0	21.5	52.4
		MEAN	5.3	12.6	26.0	42.7	57.2	66.1	70.9	69.3	58.3	45.0	26.3	11.7	41.0
		MIN	-5.5	1.9	16.0	30.7	44.6	54.0	58.7	56.5	45.6	32.6	16.6	1.9	29.5
095	MC VILLE	MAX	14.6	22.6	34.5	53.8	69.8	77.5	82.6	81.2	70.0	55.6	33.3	19.3	51.2
		MEAN	4.8	12.6	25.0	41.5	56.1	64.7	69.5	67.6	56.9	43.5	24.5	10.2	39.7
		MIN	-5.0	2.5	15.4	29.2	42.3	51.8	56.3	53.9	43.8	31.4	15.6	1.1	28.2
097	MEDORA	MAX	27.3	35.1	44.8	58.1	69.9	78.7	86.2	86.1	74.4	61.3	42.3	30.9	57.9
		MEAN	15.6	23.2	32.4	44.3	55.8	64.7	70.9	70.0	58.3	46.6	30.5	19.4	44.3
		MIN	3.9	11.3	20.0	30.5	41.7	50.6	55.6	53.8	42.2	31.8	18.7	7.8	30.7
098	MINOT AP	MAX	18.2	25.2	36.6	53.7	67.2	75.6	81.2	80.6	68.4	55.2	35.0	23.0	51.7
		MEAN	9.8	17.2	28.0	42.8	55.6	64.4	69.6	68.2	57.0	44.7	27.2	14.9	41.6
		MIN	1.4	9.1	19.4	31.8	44.0	53.1	57.9	55.7	45.5	34.2	19.4	6.7	31.5
099	MINOT EXPERIMENT STN	MAX	16.8	23.6	35.2	52.5	67.2	75.5	80.4	80.0	67.7	54.4	34.4	21.8	50.8
		MEAN	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
		MIN	-1.8	5.6	16.6	29.7	42.7	52.3	56.3	53.9	43.5	31.9	17.3	3.8	29.3
100	MOFFIT 3 SE	MAX	20.9	27.8	39.9	57.3	71.0	79.2	85.3	85.0	74.2	60.1	38.5	25.0	55.4
		MEAN	10.1	17.4	29.0	44.1	57.2	65.9	71.3	70.1	59.3	46.4	28.2	14.9	42.8
		MIN	-0.7	6.9	18.0	30.8	43.3	52.6	57.2	55.1	44.3	32.7	17.9	4.8	30.2
101	MOHALL	MAX	16.0	23.2	34.8	52.8	67.3	75.6	80.4	80.8	68.7	54.9	34.6	21.4	50.9
		MEAN	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
		MIN	-4.3	2.7	13.8	26.0	38.6	48.2	52.2	49.5	38.9	28.5	15.2	1.6	25.9
103	MOTT	MAX	23.6	30.8	40.8	55.0	67.5	76.6	83.5	83.4	72.0	58.5	39.0	28.0	54.9
		MEAN	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
		MIN	0.5	7.9	17.0	28.0	40.9	50.3	55.2	52.3	40.8	29.3	16.1	4.8	28.6
104	NAPOLEON	MAX	18.0	24.9	36.5	53.0	67.0	75.8	82.3	81.4	70.2	56.8	36.6	22.9	52.1
		MEAN	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
		MIN	-1.5	5.2	17.5	30.7	42.6	52.0	56.6	54.9	43.8	31.7	16.8	4.0	29.5
105	NEW ENGLAND	MAX	24.7	31.6	41.6	55.4	67.9	77.0	83.5	82.8	71.1	58.1	39.3	28.7	55.1
		MEAN	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
		MIN	3.7	10.8	19.1	30.2	41.9	51.0	55.5	54.1	43.0	31.6	17.7	7.2	30.5
106	NEW SALEM 5 NW	MAX	19.4	26.6	38.3	54.2	67.7	76.3	82.7	81.9	71.1	56.9	36.2	23.6	52.9
		MEAN	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
		MIN	-1.9	5.1	16.2	29.0	41.8	50.7	55.5	53.6	43.3	30.5	15.8	3.1	28.6
107	OAKES 2 S	MAX	17.7	25.0	37.0	55.0	70.3	79.0	84.4	83.3	72.2	57.9	36.9	23.6	53.5
		MEAN	7.4	14.8	27.3	43.0	56.7	65.8	70.8	69.1	58.2	44.9	27.1	13.7	41.6
		MIN	-2.9	4.6	17.6	30.9	43.1	52.5	57.2	54.9	44.1	31.8	17.2	3.8	29.6
108	PARK RIVER	MAX	14.7	22.5	34.4	53.5	69.4	77.5	81.5	80.3	69.6	55.6	33.6	19.6	51.0
		MEAN	5.9	13.5	25.5	42.0	56.4	65.2	69.4	67.5	57.3	44.7	25.8	11.5	40.4
		MIN	-3.0	4.5	16.5	30.4	43.3	52.8	57.2	54.6	45.0	33.7	18.0	3.3	29.7
109	PEMBINA	MAX	11.5	19.3	31.7	51.5	67.9	75.6	79.7	79.1	67.9	53.5	32.5	17.5	49.0
		MEAN	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
		MIN	-9.2	-2.1	12.1	27.5	41.1	50.4	54.1	51.1	40.8	29.7	14.4	-1.7	25.7
110	PETERSBURG 2 N	MAX	12.6	19.9	31.5	50.3	66.5	74.7	79.1	78.6	67.7	53.5	32.3	17.9	48.7
		MEAN	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
		MIN	-7.7	-0.5	12.9	28.3	41.3	50.8	54.6	52.1	41.6	29.8	14.5	-0.9	26.4
111	PETTIBONE	MAX	16.8	24.3	36.4	54.9	69.3	77.3	83.0	82.5	70.8	56.6	35.5	21.6	52.4
		MEAN	7.3	14.9	26.9	43.0	56.3	65.0	70.4	69.3	58.0	44.9	26.6	12.5	41.3
		MIN	-2.3	5.4	17.4	31.1	43.3	52.7	57.7	56.0	45.2	33.2	17.7	3.4	30.1
112	POWERS LAKE 1 N	MAX	16.0	23.4	34.9	52.3	66.6	74.2	79.6	79.4	67.5	54.5	34.3	21.4	50.3
		MEAN	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
		MIN	-5.5	3.2	14.9	27.9	39.7	49.1	53.4	51.6	40.5	28.6	14.1	0.2	26.5
113	PRETTY ROCK	MAX	23.3	30.3	40.4	55.6	68.5	77.4	84.6	84.0	72.7	58.5	38.6	27.7	55.1
		MEAN	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
		MIN	3.6	10.8	19.6	30.4	42.0	51.3	55.9	54.5	43.6	32.9	18.9	7.9	31.0
116	RICHARDTON ABBEY	MAX	22.1	29.0	39.8	54.5	67.3	75.8	82.0	81.1	69.5	56.1	37.0	25.9	53.3
		MEAN	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
		MIN	4.8	11.7	20.7	32.2	44.1	52.8	57.9	56.6	46.3	35.1	20.5	8.9	32.6



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1971-2000

NORTH DAKOTA

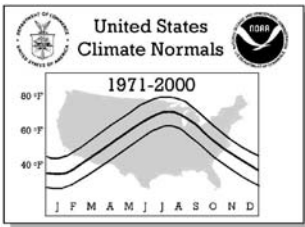
No.	Station Name	Element	TEMPERATURE NORMALS (Degrees Fahrenheit)												
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
118	ROLLA 3 NW	MAX	13.1	19.9	30.1	47.9	63.5	70.8	75.3	74.7	63.3	50.5	30.6	17.5	46.4
		MEAN	4.1	10.6	21.5	37.6	51.6	60.1	65.1	64.0	53.1	40.9	22.9	9.2	36.7
		MIN	-4.9	1.3	12.9	27.2	39.7	49.4	54.8	53.2	42.8	31.2	15.2	0.9	27.0
119	RUGBY	MAX	15.8	23.4	35.3	54.6	69.6	77.6	82.0	81.4	69.5	56.2	34.2	20.5	51.7
		MEAN	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
		MIN	-4.7	3.5	15.6	29.8	42.3	51.4	55.3	53.3	42.4	31.0	15.4	0.5	28.0
120	SAN HAVEN	MAX	13.4	21.3	32.3	50.9	65.9	73.2	77.8	77.4	65.9	53.1	32.5	18.2	48.5
		MEAN	2.7	10.4	21.6	38.7	52.7	61.0	65.6	63.9	52.6	40.8	22.8	8.2	36.8
		MIN	-8.1	-0.5	10.9	26.5	39.5	48.7	53.3	50.4	39.3	28.5	13.1	-1.9	25.0
121	SHARON	MAX	13.1	20.8	33.1	52.2	67.4	74.5	78.9	78.7	68.2	54.2	32.5	18.0	49.3
		MEAN	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
		MIN	-3.8	3.9	16.8	30.8	43.8	52.8	57.2	55.1	45.0	33.4	16.9	2.3	29.5
124	STANLEY 3 NNW	MAX	15.6	22.8	35.0	52.0	66.1	74.7	80.2	80.0	67.6	54.2	33.8	20.5	50.2
		MEAN	5.7	13.1	24.5	39.4	52.5	61.6	66.4	65.1	53.6	41.3	24.1	10.8	38.2
		MIN	-4.2	3.4	13.9	26.7	38.9	48.4	52.6	50.2	39.5	28.4	14.4	1.1	26.1
125	STEELE 3 N	MAX	18.1	25.6	37.5	54.7	68.6	76.6	82.8	82.4	71.3	57.7	36.5	22.7	52.9
		MEAN	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
		MIN	-2.8	4.4	16.7	30.2	42.9	52.4	57.0	54.5	43.9	31.5	16.0	3.0	29.1
126	STREETER 7 NW	MAX	18.3	24.4	36.4	53.0	66.6	74.4	81.3	80.1	68.9	56.2	36.0	22.8	51.5
		MEAN	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
		MIN	-3.4	3.4	15.1	28.1	40.5	50.5	55.0	53.3	42.5	30.4	16.1	2.2	27.8
129	TIOGA 1 E	MAX	16.7	24.4	36.4	53.4	66.8	75.3	81.2	80.9	68.2	55.0	34.0	21.7	51.2
		MEAN	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
		MIN	-2.9	5.7	16.1	28.1	39.9	49.5	53.6	52.0	40.7	29.7	15.8	2.5	27.6
130	TOWNER 2 NE	MAX	14.8	22.5	34.1	52.9	67.9	76.6	81.7	81.2	69.3	55.8	34.1	20.4	50.9
		MEAN	4.0	11.5	23.5	40.1	54.1	63.2	67.8	66.5	55.1	42.4	24.1	10.0	38.5
		MIN	-6.9	0.5	12.8	27.3	40.3	49.7	53.9	51.7	40.8	28.9	14.1	-0.4	26.1
131	TROTTERS 3 SSE	MAX	23.0	30.1	41.3	55.8	67.4	76.2	83.0	82.5	69.9	56.5	37.4	26.5	54.1
		MEAN	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
		MIN	4.0	11.3	20.1	30.8	42.0	50.8	55.6	54.4	43.9	33.0	19.0	7.9	31.1
132	TURTLE LAKE	MAX	17.6	24.6	36.7	53.6	67.6	75.9	82.0	81.4	70.1	56.6	35.8	22.6	52.0
		MEAN	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
		MIN	-2.8	4.7	17.0	29.1	41.7	51.1	55.6	53.9	43.2	31.4	15.9	2.9	28.6
133	TUTTLE	MAX	21.2	28.0	39.5	56.8	71.0	78.8	84.3	84.5	72.6	59.1	39.1	26.2	55.1
		MEAN	10.5	17.5	28.7	43.6	56.8	65.1	70.1	69.1	57.7	45.6	28.5	15.5	42.4
		MIN	-0.3	7.0	17.9	30.4	42.5	51.4	55.9	53.7	42.8	32.0	17.9	4.8	29.7
134	UNDERWOOD	MAX	17.0	24.3	36.9	53.5	67.6	76.0	81.9	81.1	70.2	55.9	34.6	21.5	51.7
		MEAN	7.1	14.3	26.5	41.5	55.1	64.0	69.2	67.6	57.3	43.7	25.5	12.2	40.3
		MIN	-2.8	4.2	16.0	29.4	42.6	51.9	56.4	54.1	44.3	31.5	16.3	2.9	28.9
135	UPHAM 3 N	MAX	15.1	23.3	35.0	53.8	68.5	76.4	81.4	81.1	69.5	56.1	34.9	20.5	51.3
		MEAN	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
		MIN	-8.6	-0.6	12.5	27.7	41.0	50.1	53.4	50.9	39.4	26.6	12.5	-1.9	25.3
136	VALLEY CITY 3 NNW	MAX	16.3	23.5	35.4	53.2	68.1	75.8	80.8	79.9	69.5	56.5	35.6	21.6	51.4
		MEAN	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
		MIN	-4.9	2.3	15.6	28.8	42.1	51.7	56.2	53.3	42.6	30.9	16.3	2.2	28.1
137	VELVA 3 NE	MAX	18.0	25.6	37.5	54.8	69.1	77.2	82.3	81.3	70.2	57.0	35.8	22.8	52.6
		MEAN	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
		MIN	-3.8	3.6	15.0	28.1	41.9	51.5	55.8	52.6	42.0	30.2	15.5	2.4	27.9
139	WAHPETON 3 N	MAX	17.8	24.9	37.2	56.7	71.8	79.9	84.3	82.6	72.1	57.9	36.8	23.0	53.8
		MEAN	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
		MIN	-0.5	7.0	20.4	33.9	46.7	55.7	60.0	57.9	47.9	36.6	20.9	6.2	32.7
141	WASHBURN	MAX	20.0	27.3	39.5	55.6	69.2	77.6	83.3	82.8	72.0	58.0	37.0	24.0	53.9
		MEAN	9.7	16.9	28.7	43.2	56.2	64.9	70.0	68.9	58.4	45.5	27.7	14.8	42.1
		MIN	-0.7	6.5	17.9	30.7	43.2	52.2	56.7	54.9	44.7	32.9	18.4	5.5	30.2
143	WATFORD CITY	MAX	19.1	28.4	39.4	55.0	67.9	76.9	83.6	83.4	70.5	57.0	37.2	24.9	53.6
		MEAN	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
		MIN	-2.8	5.5	15.7	27.6	39.9	49.0	53.6	51.6	39.9	29.1	15.0	3.0	27.3
144	WATFORD CITY 14 S	MAX	25.1	32.9	44.2	58.7	70.8	79.2	86.0	86.2	74.1	60.7	40.3	29.0	57.3
		MEAN	13.6	21.6	32.0	44.8	56.6	65.2	70.8	70.2	58.6	46.6	29.4	17.9	43.9
		MIN	2.1	10.2	19.8	30.8	42.3	51.2	55.6	54.1	43.1	32.4	18.4	6.7	30.6
145	WESTHOPE	MAX	14.2	22.3	34.6	54.8	69.6	76.9	81.0	81.0	69.7	55.7	33.4	19.0	51.0
		MEAN	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
		MIN	-4.9	3.3	15.7	29.6	42.2	51.1	54.7	52.8	42.6	31.0	15.8	0.9	27.9
146	WILDROSE 3 NW	MAX	15.8	23.3	35.4	52.7	66.1	74.8	80.2	80.0	67.5	54.2	33.6	20.9	50.4
		MEAN	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
		MIN	-3.6	4.2	15.6	28.6	40.8	50.0	54.0	51.5	41.1	29.6	15.6	2.3	27.5
147	WILLISTON SLOULIN AP	MAX	19.4	27.6	40.1	56.0	68.2	77.3	83.4	82.8	70.0	57.0	36.2	24.0	53.5
		MEAN	8.0	16.8	28.7	42.5	54.6	63.7	69.3	68.3	56.1	43.6	25.6	13.0	40.9
		MIN	-3.3	5.9	17.2	29.1	40.9	50.1	55.2	53.8	42.2	30.2	14.9	2.1	28.2



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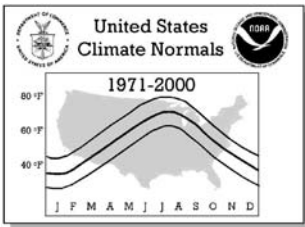
No.	Station Name	PRECIPITATION NORMALS (Total in Inches)												
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
001	ABERCROMBIE	.65	.55	1.25	1.56	2.45	3.03	3.92	2.82	1.93	1.78	.79	.44	21.17
002	ADAMS 7 SSW	.50	.46	.75	1.07	2.34	3.28	3.54	2.60	1.67	1.37	.70	.45	18.73
003	ALEXANDER 4 NNW	.44	.27	.57	1.08	2.04	2.86	2.33	1.45	1.46	.92	.57	.36	14.35
004	ALEXANDER 18 SW	.36	.29	.57	1.03	2.02	2.56	1.87	1.20	1.54	.79	.53	.47	13.23
005	ALMONT	.37	.33	.63	1.49	2.22	3.41	2.48	2.28	1.24	1.17	.62	.40	16.64
006	AMBROSE 3 N	.24	.27	.51	1.01	2.11	2.74	2.68	1.87	1.67	.84	.39	.26	14.59
007	AMIDON	.37	.35	.57	1.15	2.29	3.06	2.24	1.42	1.37	1.17	.53	.33	14.85
008	ASHLEY	.41	.39	.94	1.49	2.73	3.48	2.52	2.30	1.57	1.57	.61	.29	18.30
009	BEACH	.43	.47	.62	1.56	2.41	2.63	1.93	1.41	1.53	1.20	.70	.37	15.26
010	BELCOURT KEYA RADIO	.39	.37	.60	1.11	2.33	3.55	2.84	2.61	1.95	1.15	.61	.44	17.95
011	BERTHOLD	.59	.55	.84	1.54	2.21	3.08	2.79	1.80	1.77	1.32	.77	.51	17.77
012	BEULAH 1 W	.31	.42	.73	1.71	2.21	3.30	2.35	1.53	1.60	1.35	.70	.38	16.59
013	BISMARCK MUNICIPAL AP	.45	.51	.85	1.46	2.22	2.59	2.58	2.15	1.61	1.28	.70	.44	16.84
014	BISMARCK 7 NE	.59	.53	.91	1.59	2.21	2.78	2.79	2.12	1.57	1.38	.85	.56	17.88
015	BOTTINEAU	.49	.46	.79	1.22	2.16	3.29	3.04	2.62	1.94	1.27	.66	.51	18.45
016	BOWBELLS	.46	.44	.69	1.25	2.21	2.94	2.96	1.94	2.02	1.11	.46	.29	16.77
017	BOWMAN	.49	.48	.73	1.32	2.53	3.07	2.03	1.20	1.31	1.33	.59	.42	15.50
018	BREIEN	.35	.38	.66	1.60	2.49	2.92	2.69	1.77	1.48	1.32	.52	.35	16.53
019	BUTTE 5 SE	.46	.44	.72	1.42	2.37	2.89	2.65	1.67	1.56	1.39	.70	.38	16.65
020	CANDO 2 E	.27	.29	.44	.92	2.24	3.04	2.81	2.11	1.22	1.24	.55	.30	15.43
021	CARRINGTON	.68	.56	.91	1.36	2.11	3.32	3.15	2.19	1.60	1.45	.89	.51	18.73
022	CARRINGTON 4 N	.52	.40	.75	1.44	2.49	3.79	3.11	2.48	1.84	1.82	.84	.41	19.89
023	CARSON	.31	.42	.90	1.70	2.36	3.06	2.46	1.74	1.40	1.39	.60	.36	16.70
024	CASSELTON AGRONOMY FRM	.75	.51	1.23	1.43	2.67	3.60	3.24	2.68	2.13	1.89	1.03	.37	21.53
025	CAVALIER 7 NW	.39	.41	.66	1.10	2.19	3.17	3.31	2.63	1.78	1.54	.68	.39	18.25
026	CENTER 4 SE	.40	.45	.71	1.63	2.30	3.00	2.70	1.85	1.85	1.55	.62	.42	17.48
027	CHAFFEE 5 NE	.57	.45	.96	1.45	2.74	3.31	3.29	2.44	2.13	1.96	.86	.39	20.55
028	COLGATE	.47	.39	.81	1.17	2.49	3.08	2.65	2.42	2.06	1.69	.76	.38	18.37
029	COOPERSTOWN	.67	.53	1.01	1.31	2.56	3.30	3.33	2.78	1.96	1.65	.90	.50	20.50
030	COURTENAY 1 NW	.61	.44	.76	1.28	2.34	3.35	2.98	2.49	1.87	1.54	.71	.41	18.78
031	CROSBY	.48	.33	.59	1.02	2.01	2.69	2.75	1.54	1.62	.93	.53	.45	14.94
032	DEVILS LAKE KDLR	.58	.51	.80	.90	2.14	3.83	3.29	2.21	1.80	1.47	.83	.57	18.93
033	DICKINSON AP	.37	.43	.69	1.76	2.28	3.31	2.11	1.51	1.62	1.34	.59	.34	16.35
034	DICKINSON EXP STN	.35	.37	.67	1.63	2.24	3.57	2.20	1.65	1.62	1.31	.63	.37	16.61
035	DICKINSON RANCH HQ	.37	.35	.61	1.50	2.03	3.18	2.30	1.79	1.40	1.06	.58	.33	15.50
036	DRAKE 9 NE	.36	.39	.60	1.25	2.26	3.04	2.75	1.97	1.48	1.24	.68	.34	16.36
037	DRAYTON	.50	.34	.76	1.16	2.25	3.33	2.80	2.47	2.23	1.59	.69	.52	18.64
038	DUNN CENTER 2 SW	.40	.41	.68	1.52	2.30	3.26	2.13	1.72	1.57	1.30	.68	.39	16.36
039	EDGELEY 3 WNW	.61	.41	1.16	1.63	2.90	3.26	2.18	2.87	1.80	1.45	.67	.38	19.32
040	EDMORE 1 NW	.50	.40	.65	1.02	2.15	3.21	3.32	2.59	1.71	1.39	.74	.48	18.16
041	EDMUNDS ARROWWOOD REF	.57	.58	.82	1.29	2.20	3.32	3.13	2.51	1.98	1.39	.63	.42	18.84
042	ELGIN	.45	.32	.78	1.79	2.67	3.41	2.14	1.89	1.23	1.37	.72	.42	17.19
043	ELLENDALE	.49	.50	1.11	1.95	2.99	3.61	2.94	2.53	2.20	1.95	.83	.33	21.43
044	ENDERLIN 2 W	.58	.38	.85	1.42	2.62	3.40	3.42	2.20	2.02	1.77	.56	.38	19.60
045	EPPING	.51	.37	.75	1.26	1.95	2.71	2.41	1.82	1.65	.84	.52	.48	15.27
046	FAIRFIELD	.31	.33	.56	1.41	2.04	2.95	2.10	1.62	1.50	1.16	.50	.31	14.79
047	FARGO HECTOR AP	.76	.59	1.17	1.37	2.61	3.51	2.88	2.52	2.18	1.97	1.06	.57	21.19
048	FESSENDEN	.53	.43	.67	1.12	2.13	3.47	2.77	1.93	1.57	1.32	.67	.46	17.07
049	FORBES 10 NW	.59	.53	1.30	1.74	3.01	3.17	2.45	2.10	1.74	1.70	.76	.42	19.51
050	FORMAN 5 SSE	.65	.53	1.24	1.68	2.60	3.54	3.02	2.25	1.93	1.68	1.02	.44	20.58
051	FORTUNA 1 W	.34	.36	.76	.99	1.98	2.87	2.71	1.62	1.33	.85	.33	.39	14.53
052	FORT YATES 4 SW	.24	.30	.66	1.34	2.16	2.64	2.06	1.62	1.28	1.26	.35	.23	14.14
053	FOXHOLM 7 N	.51	.44	.80	1.25	1.96	2.97	2.60	1.84	1.67	1.39	.68	.46	16.57
054	FULLERTON 1 ESE	.75	.66	1.44	1.91	2.84	3.16	2.88	2.22	2.02	1.80	1.03	.41	21.12
055	GACKLE	.44	.38	.94	1.49	2.61	3.37	3.06	2.03	1.89	1.48	.77	.35	18.81
056	GARRISON 1 NNW	.39	.36	.63	1.27	2.10	3.12	2.62	1.91	1.44	1.22	.57	.39	16.02
057	GLEN ULLIN	.45	.43	.77	1.44	2.13	3.27	2.48	1.80	1.33	1.23	.66	.33	16.32
058	GRAFTON	.52	.50	.85	1.13	2.31	3.30	2.77	2.39	1.76	1.46	.90	.43	18.32
059	GRAND FORKS INTL AP	.68	.58	.89	1.23	2.21	3.03	3.06	2.72	1.96	1.70	.99	.55	19.60
060	GRAND FORKS UNIV NWS	.78	.62	.89	1.17	2.11	2.98	2.89	2.92	1.95	1.59	.86	.59	19.35
061	GRANVILLE	.37	.49	.83	1.39	2.37	3.47	2.83	1.91	1.67	1.32	.64	.41	17.70
062	GRASSY BUTTE 2 ENE	.32	.37	.67	1.34	2.38	2.99	1.97	1.49	1.47	1.22	.68	.37	15.27
063	GRENORA	.32	.28	.55	1.12	2.02	2.40	2.29	1.35	1.50	.82	.45	.46	13.56
064	HAGUE	.33	.35	.82	1.55	2.48	3.22	2.41	2.07	1.39	1.61	.60	.28	17.11
065	HANKINSON	.81	.74	1.24	1.76	2.76	3.47	3.35	2.70	2.16	1.80	1.08	.44	22.31
066	HANNAH	.34	.24	.38	.99	2.04	3.05	2.75	3.12	2.24	1.31	.57	.34	17.37
067	HANSBORO 4 NNE	.64	.63	.85	1.12	2.39	3.19	2.87	2.59	1.62	1.22	.81	.57	18.50
068	HARVEY	.42	.28	.62	.78	1.97	2.80	2.29	2.29	1.45	1.48	.45	.28	15.11
069	HEART BUTTE DAM	.51	.32	.87	1.70	2.34	2.91	2.31	1.45	1.16	.99	.77	.42	15.75



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NORTH DAKOTA

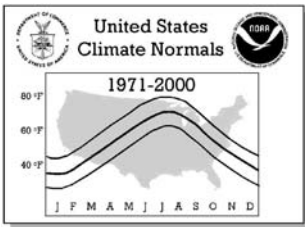
No.	Station Name	PRECIPITATION NORMALS (Total in Inches)												
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
070	HEBRON	.26	.31	.56	1.66	2.53	3.23	2.70	1.64	1.69	1.28	.58	.29	16.73
071	HETTINGER	.30	.32	.60	1.59	2.54	2.95	2.16	1.46	1.40	1.35	.53	.31	15.51
072	HILLSBORO 3 N	.50	.55	.93	1.56	2.35	3.46	3.23	2.78	2.05	1.92	.89	.48	20.70
073	HURDSFIELD 8 SW	.49	.45	.64	1.26	2.22	3.35	2.57	1.96	1.45	1.35	.69	.39	16.80
074	JAMESTOWN MUNICIPAL AP	.62	.52	.89	1.36	2.21	3.05	3.22	2.33	1.74	1.40	.71	.44	18.49
075	JAMESTOWN ST HOSPITAL	.50	.35	.73	1.27	2.27	3.24	3.28	2.43	2.01	1.49	.63	.33	18.53
076	KEENE 3 S	.39	.37	.59	1.26	2.32	3.19	2.47	1.51	1.68	1.16	.66	.40	16.00
077	KENMARE 1 WSW	.83	.63	.90	1.26	2.07	2.66	2.67	1.80	1.92	1.19	.69	.53	17.15
078	KILLDEER 8 NW	.44	.50	.87	1.57	2.30	3.36	2.09	1.57	1.65	1.44	.66	.47	16.92
079	LAKE METIGOSHE ST PK	.68	.68	.80	1.09	2.70	3.15	3.26	2.64	2.24	1.34	.95	.55	20.08
080	LA MOURE	.78	.64	1.36	1.85	2.67	3.69	3.42	2.30	1.90	1.78	.91	.45	21.75
081	LANGDON EXP FARM	.42	.39	.61	1.00	2.36	3.33	3.18	2.73	1.66	1.38	.66	.39	18.11
082	LARIMORE	.53	.53	.97	1.25	2.24	3.57	3.45	2.91	2.05	1.55	.91	.45	20.41
083	LEEDS	.55	.51	.83	1.28	2.08	2.98	3.17	2.07	1.61	1.53	.84	.48	17.93
084	LINTON	.34	.37	.77	1.36	2.32	2.95	2.57	1.80	1.30	1.44	.51	.39	16.12
085	LISBON	.63	.48	1.09	1.47	2.59	3.45	2.87	2.27	2.20	1.82	.86	.45	20.18
086	LITCHVILLE 2 NW	.65	.50	1.10	1.66	2.65	3.68	3.18	2.17	2.00	1.97	.90	.44	20.90
087	MADDOCK	.49	.45	.77	1.05	2.03	3.27	3.25	1.92	1.80	1.41	.71	.43	17.58
088	MANDAN EXPERIMENT STN	.38	.37	.58	1.52	2.41	2.91	2.90	2.02	1.56	1.41	.62	.36	17.04
089	MARMARTH	.37	.40	.68	1.38	2.23	2.90	2.00	1.32	1.24	1.13	.57	.36	14.58
090	MAX	.55	.43	.74	1.48	2.16	3.21	2.69	1.84	1.72	1.41	.63	.44	17.30
091	MAYVILLE	.72	.62	1.08	1.38	2.29	3.50	2.73	2.85	1.98	1.77	.86	.60	20.38
092	MC CLUSKY	.58	.49	.71	1.49	2.13	3.41	2.61	2.06	1.61	1.39	.71	.49	17.68
093	MC HENRY 3 W	.60	.48	.87	1.32	2.28	3.63	3.09	2.76	1.99	1.47	1.03	.57	20.09
094	MC LEOD 3 E	.65	.51	1.01	1.30	2.63	3.39	3.54	2.32	2.05	1.78	.94	.42	20.54
095	MC VILLE	.58	.36	.88	1.09	2.26	3.39	3.23	2.54	2.16	1.38	.83	.46	19.16
096	MEDINA	.46	.47	.87	1.32	2.26	3.32	3.02	2.00	1.87	1.29	.61	.36	17.85
097	MEDORA	.35	.36	.64	1.35	2.26	2.89	2.16	1.38	1.45	1.12	.58	.37	14.91
098	MINOT AP	.65	.53	1.05	1.55	2.31	3.15	2.70	1.95	1.74	1.32	.86	.63	18.44
099	MINOT EXPERIMENT STN	.77	.60	1.03	1.56	2.28	3.01	2.52	2.01	1.78	1.40	1.05	.64	18.65
100	MOFFIT 3 SE	.29	.33	.66	1.31	2.16	3.00	2.84	2.08	1.73	1.36	.50	.27	16.53
101	MOHALL	.52	.42	.73	1.24	2.17	2.98	2.86	2.17	1.89	1.46	.63	.39	17.46
102	MONTPELIER	.59	.54	1.07	1.73	2.59	3.50	3.05	2.40	2.18	1.67	.91	.41	20.64
103	MOTT	.41	.50	.80	1.83	2.59	3.17	2.13	1.69	1.26	1.24	.55	.38	16.55
104	NAPOLEON	.58	.51	.98	1.64	2.48	3.20	2.88	2.19	1.77	1.55	.80	.44	19.02
105	NEW ENGLAND	.38	.39	.69	1.62	2.46	3.38	1.93	1.73	1.44	1.37	.47	.38	16.24
106	NEW SALEM 5 NW	.47	.49	.81	1.88	2.42	3.17	2.76	2.11	1.53	1.38	.76	.50	18.28
107	OAKES 2 S	.60	.44	1.04	1.71	2.45	3.25	2.76	2.04	2.26	1.77	.82	.41	19.55
108	PARK RIVER	.66	.56	.92	1.25	2.41	3.42	3.19	2.61	1.80	1.64	.88	.55	19.89
109	PEMBINA	.44	.40	.72	.99	2.09	3.41	2.95	2.68	2.12	1.48	.85	.45	18.58
110	PETERSBURG 2 N	.66	.43	.94	1.17	2.27	3.62	3.25	2.71	2.06	1.54	.90	.51	20.06
111	PETTIBONE	.53	.38	.69	1.34	2.14	3.32	2.81	1.86	1.80	1.44	.71	.43	17.45
112	POWERS LAKE 1 N	.38	.37	.72	1.27	2.12	2.74	2.90	1.94	1.71	1.07	.55	.33	16.10
113	PRETTY ROCK	.33	.41	.86	1.89	2.64	3.02	2.34	1.76	1.40	1.34	.62	.31	16.92
114	REEDER	.36	.36	.68	1.61	2.88	3.29	2.23	1.59	1.49	1.52	.54	.33	16.88
115	REEDER 13 N	.39	.41	.82	1.61	2.51	2.94	1.97	1.58	1.51	1.41	.54	.32	16.01
116	RICHARDTON ABBEY	.45	.48	.86	1.75	2.49	3.39	2.27	1.88	1.60	1.41	.75	.45	17.78
117	RIVERDALE	.37	.29	.39	1.16	2.04	3.18	2.37	1.78	1.70	1.17	.38	.26	15.09
118	ROLLA 3 NW	.51	.52	.76	1.13	2.30	3.41	2.87	2.55	1.95	1.25	.80	.53	18.58
119	RUGBY	.51	.45	.80	1.28	2.25	3.05	3.21	2.28	1.92	1.32	.70	.50	18.27
120	SAN HAVEN	.43	.58	.61	.93	1.90	2.69	2.68	2.59	1.80	1.26	.43	.40	16.30
121	SHARON	.68	.54	1.12	1.33	2.65	3.55	3.45	2.67	2.05	1.67	.97	.55	21.23
122	SHERWOOD 3 N	.16	.19	.31	.80	1.77	2.65	2.57	1.82	1.44	.91	.28	.23	13.13
123	SHIELDS	.42	.42	.87	1.75	2.61	2.88	2.55	1.69	1.31	1.41	.63	.38	16.92
124	STANLEY 3 NNW	.57	.49	.87	1.59	2.58	3.88	2.94	2.13	2.15	1.23	.76	.54	19.73
125	STEELE 3 N	.48	.44	.98	1.51	2.53	3.24	2.95	2.01	1.90	1.55	.74	.44	18.77
126	STREETER 7 NW	.31	.34	.68	1.26	1.96	3.04	3.09	2.38	1.97	1.10	.69	.27	17.09
127	SYKESTON	.57	.51	.88	1.49	2.23	3.39	2.99	2.03	1.78	1.73	.83	.47	18.90
128	TAGUS	.66	.54	.96	1.33	1.97	3.14	2.35	1.68	1.85	1.22	.72	.59	17.01
129	TIOGA 1 E	.48	.36	.58	1.17	2.00	2.60	2.20	1.80	1.58	.94	.59	.40	14.70
130	TOWNER 2 NE	.55	.55	.72	1.21	1.93	2.67	2.69	2.06	1.83	1.30	.64	.53	16.68
131	TROTTERS 3 SSE	.35	.39	.58	1.23	2.09	2.90	1.89	1.50	1.61	1.16	.61	.40	14.71
132	TURTLE LAKE	.63	.49	.85	1.44	2.19	3.32	2.67	1.96	1.50	1.32	.73	.52	17.62
133	TUTTLE	.44	.39	.62	1.38	2.29	3.14	2.81	1.77	1.76	1.28	.59	.36	16.83
134	UNDERWOOD	.54	.46	.78	1.64	2.25	3.52	2.48	1.77	1.59	1.44	.77	.53	17.77
135	UPHAM 3 N	.57	.47	.76	1.33	2.07	3.32	2.71	2.00	1.80	1.28	.85	.56	17.72
136	VALLEY CITY 3 NNW	.54	.46	.80	1.22	2.60	3.27	2.75	2.43	2.10	1.53	.80	.39	18.89
137	VELVA 3 NE	.68	.50	.78	1.34	2.30	3.22	2.80	1.83	1.62	1.61	.92	.50	18.10
138	VERONA	.39	.35	.97	1.75	2.50	3.37	3.11	2.01	2.04	1.70	.72	.26	19.17



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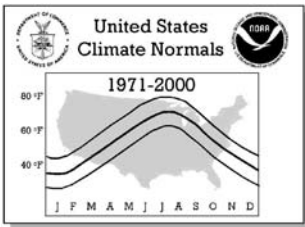
No.	Station Name	Element	DEGREE DAYS (Total)												
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
088	MANDAN EXPERIMENT STN	HDD	1708	1338	1132	670	310	111	33	61	257	630	1112	1547	8909
		CDD	0	0	0	1	21	97	193	173	26	0	0	0	511
090	MAX	HDD	1795	1415	1219	734	351	141	55	89	312	697	1191	1635	9634
		CDD	0	0	0	0	18	87	158	138	15	0	0	0	416
091	MAYVILLE	HDD	1822	1430	1194	654	272	88	28	51	234	602	1149	1644	9168
		CDD	0	0	0	3	37	111	186	161	30	0	0	0	528
092	MC CLUSKY	HDD	1731	1358	1143	654	281	98	30	48	228	605	1135	1581	8892
		CDD	0	0	0	2	30	115	203	187	32	0	0	0	569
093	MC HENRY 3 W	HDD	1869	1470	1245	718	321	117	38	68	276	662	1204	1693	9681
		CDD	0	0	0	2	30	87	163	143	20	0	0	0	445
094	MC LEOD 3 E	HDD	1854	1468	1212	670	276	80	23	42	228	620	1162	1653	9288
		CDD	0	0	0	1	33	112	205	173	27	0	0	0	551
095	MC VILLE	HDD	1868	1468	1241	707	306	112	46	82	265	667	1216	1699	9677
		CDD	0	0	0	2	29	102	184	161	22	0	0	0	500
097	MEDORA	HDD	1532	1170	1010	621	308	125	29	60	242	572	1035	1414	8118
		CDD	0	0	0	0	23	115	212	213	41	0	0	0	604
098	MINOT AP	HDD	1711	1340	1147	670	316	112	33	73	269	630	1134	1555	8990
		CDD	0	0	0	2	24	92	174	172	28	0	0	0	492
099	MINOT EXPERIMENT STN	HDD	1785	1410	1212	718	334	122	48	80	299	677	1176	1618	9479
		CDD	0	0	0	1	22	89	152	141	17	0	0	0	422
100	MOFFIT 3 SE	HDD	1704	1333	1117	630	274	91	26	45	209	577	1103	1553	8662
		CDD	0	0	0	2	30	119	219	201	36	0	0	0	607
101	MOHALL	HDD	1836	1458	1262	769	389	156	74	119	352	722	1203	1659	9999
		CDD	0	0	0	0	15	63	113	124	16	0	0	0	331
103	MOTT	HDD	1641	1277	1120	705	346	123	45	83	289	655	1124	1506	8914
		CDD	0	0	0	0	12	76	180	173	31	0	0	0	472
104	NAPOLEON	HDD	1762	1398	1178	696	336	122	41	68	263	644	1149	1599	9256
		CDD	0	0	0	1	19	88	179	165	24	0	0	0	476
105	NEW ENGLAND	HDD	1575	1227	1074	667	330	126	40	64	271	626	1095	1458	8553
		CDD	0	0	0	0	17	95	178	171	31	0	0	0	492
106	NEW SALEM 5 NW	HDD	1745	1376	1171	703	334	131	44	82	263	660	1171	1602	9282
		CDD	0	0	0	1	16	86	172	168	29	0	0	0	472
107	OAKES 2 S	HDD	1787	1407	1169	664	289	87	27	45	234	625	1140	1590	9064
		CDD	0	0	0	1	31	109	206	173	27	0	0	0	547
108	PARK RIVER	HDD	1836	1442	1225	693	301	92	31	74	254	630	1176	1660	9414
		CDD	0	0	0	3	33	97	166	151	23	0	0	0	473
109	PEMBINA	HDD	1982	1582	1337	766	355	136	61	104	328	726	1247	1773	10397
		CDD	0	0	0	1	29	76	120	106	7	0	0	0	339
110	PETERSBURG 2 N	HDD	1941	1551	1327	772	365	136	57	105	324	723	1249	1754	10304
		CDD	0	0	0	1	22	68	113	116	14	0	0	0	334
111	PETTIBONE	HDD	1793	1405	1181	662	303	101	35	52	240	623	1152	1628	9175
		CDD	0	0	0	2	32	103	200	183	30	0	0	0	550
112	POWERS LAKE 1 N	HDD	1854	1448	1244	749	384	164	80	110	347	727	1224	1681	10012
		CDD	0	0	0	1	16	64	127	126	17	0	0	0	351
113	PRETTY ROCK	HDD	1598	1245	1084	660	319	113	39	56	240	599	1089	1465	8507
		CDD	0	0	0	1	17	94	202	189	35	0	0	0	538
116	RICHARDTON ABBEY	HDD	1599	1250	1078	651	310	117	47	62	249	602	1088	1475	8528
		CDD	0	0	0	2	21	97	200	182	36	0	0	0	538
118	ROLLA 3 NW	HDD	1890	1524	1348	825	433	195	88	128	368	749	1263	1730	10541
		CDD	0	0	0	1	18	48	90	96	9	0	0	0	262
119	RUGBY	HDD	1846	1444	1227	688	315	127	46	70	287	663	1207	1689	9609
		CDD	0	0	0	3	34	112	158	144	17	0	0	0	468
120	SAN HAVEN	HDD	1935	1530	1345	789	398	172	80	131	381	750	1266	1765	10542
		CDD	0	0	0	0	16	51	98	97	9	0	0	0	271
121	SHARON	HDD	1873	1475	1243	708	318	117	50	81	272	657	1208	1699	9701
		CDD	0	0	0	3	26	77	145	140	19	0	0	0	410
124	STANLEY 3 NNW	HDD	1840	1454	1257	769	398	170	79	116	361	734	1228	1680	10086
		CDD	0	0	0	0	10	67	122	119	17	0	0	0	335
125	STEELE 3 N	HDD	1779	1401	1176	679	308	114	26	63	250	632	1163	1617	9208
		CDD	0	0	0	2	22	99	179	170	29	0	0	0	501
126	STREETER 7 NW	HDD	1786	1431	1217	733	368	142	56	79	296	673	1168	1627	9576
		CDD	0	0	0	0	13	65	154	131	17	0	0	0	380
129	TIOGA 1 E	HDD	1802	1400	1202	728	377	152	72	103	337	703	1203	1640	9719
		CDD	0	0	0	0	16	74	147	149	20	0	0	0	406
130	TOWNER 2 NE	HDD	1894	1497	1289	747	358	135	50	96	313	703	1227	1708	10017
		CDD	0	0	0	0	19	80	137	141	15	0	0	0	392
131	TROTTERS 3 SSE	HDD	1597	1241	1064	651	338	133	53	80	281	628	1104	1482	8652
		CDD	0	0	0	0	18	88	187	187	39	0	0	0	519



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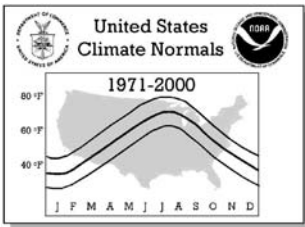
No.	Station Name	Element	NORMALS STATISTICS														
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL		
004	ALEXANDER 18	HIGHEST MEAN	24.7	31.3	39.2	51.3	61.1	76.7	75.1	76.9	64.9	47.6	39.9	26.2	76.9		
		MEDIAN	9.8	20.5	29.5	43.7	54.1	63.2	70.4	69.5	57.1	44.4	27.8	16.9	42.3		
		LOWEST MEAN	-7.2	1.3	19.3	34.6	49.4	58.6	60.6	62.4	50.8	40.1	13.6	-4.9	-7.2		
		HIGHEST MEAN YEAR	1992	1984	1986	1987	1977	1988	1989	1983	1998	1973	1999	1999	1983		
		LOWEST MEAN YEAR	1982	1979	1996	1975	1983	1998	1972	1977	1972	1991	1985	1983	1982		
		MIN OBS TIME ADJUSTMENT	1.5	1.0	-0.1	-0.7	-0.9	-0.7	-0.8	-1.0	-0.6	-0.8	0.2	1.2			
		MAX OBS TIME ADJUSTMENT	0.6	0.6	0.5	0.4	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.3			
		005	ALMONT	HIGHEST MEAN	24.9	30.7	39.5	52.0	64.0	76.0	75.3	75.7	63.8	50.1	37.8	27.2	76.0
				MEDIAN	10.5	20.7	28.4	44.0	56.2	64.3	70.8	69.0	57.9	45.5	28.3	15.3	42.8
LOWEST MEAN	-4.1			2.7	19.3	35.3	51.4	60.3	63.4	62.8	52.9	40.6	14.9	-1.7	-4.1		
HIGHEST MEAN YEAR	1992			1998	1986	1987	1977	1988	1989	1983	1990	1973	1999	1997	1988		
LOWEST MEAN YEAR	1982			1979	1996	1975	1979	1985	1992	1977	1984	1976	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	-1.6			-1.5	-1.0	-1.0	-1.0	-0.7	-0.7	-1.1	-1.2	-1.4	-1.5	-1.6			
MAX OBS TIME ADJUSTMENT	-1.4			-1.6	-1.2	-1.4	-1.2	-1.0	-0.9	-1.4	-1.0	-1.3	-1.4	-1.5			
007	AMIDON			HIGHEST MEAN	29.3	33.7	41.0	50.4	63.1	77.4	75.4	76.7	66.1	50.7	42.1	29.5	77.4
				MEDIAN	16.0	23.1	31.3	44.0	55.3	65.2	71.1	70.5	58.3	46.1	29.9	20.3	44.2
		LOWEST MEAN	1.4	7.2	21.3	35.4	48.6	58.2	62.2	64.1	52.5	41.2	15.0	0.7	0.7		
		HIGHEST MEAN YEAR	1992	1992	1986	1987	1977	1988	1988	1983	1998	1973	1999	1979	1988		
		LOWEST MEAN YEAR	1982	1989	1996	1975	1996	1998	1993	1985	1986	1991	1985	1983	1983		
		MIN OBS TIME ADJUSTMENT	1.6	1.0	-0.1	-0.7	-0.9	-0.7	-0.8	-1.0	-0.6	-0.7	0.3	1.3			
		MAX OBS TIME ADJUSTMENT	0.6	0.6	0.4	0.4	0.2	0.2	0.0	0.0	0.0	-0.1	0.0	0.4			
		008	ASHLEY	HIGHEST MEAN	23.2	29.1	36.7	51.1	63.9	74.9	75.9	75.2	65.0	50.9	39.2	24.7	75.9
				MEDIAN	9.4	16.0	27.3	43.1	56.4	65.4	71.7	69.9	58.5	45.5	26.6	14.3	42.6
LOWEST MEAN	-3.7			1.0	19.5	36.2	50.8	60.3	62.6	63.7	52.2	40.3	16.1	-1.6	-3.7		
HIGHEST MEAN YEAR	1990			1987	1973	1977	1977	1988	1975	1983	1978	1975	1999	1999	1975		
LOWEST MEAN YEAR	1982			1979	1996	1975	1996	1985	1992	1992	1993	1976	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	1.5			2.0	1.3	0.0	-0.7	-0.6	-0.5	-0.4	-0.6	0.5	1.1	1.2			
MAX OBS TIME ADJUSTMENT	0.3			0.6	0.5	0.5	0.4	0.3	0.1	0.1	-0.1	0.0	0.0	0.4			
009	BEACH			HIGHEST MEAN	29.4	34.1	43.9	50.7	61.5	77.1	75.2	76.6	65.8	48.5	40.8	30.9	77.1
				MEDIAN	15.5	23.2	31.5	43.2	54.6	63.7	69.8	70.2	57.8	45.4	29.7	19.8	43.7
		LOWEST MEAN	-1.8	5.3	20.4	35.9	49.3	58.2	61.4	62.8	53.0	40.5	15.6	2.1	-1.8		
		HIGHEST MEAN YEAR	1992	1984	1986	1987	1988	1988	1985	1983	1998	1973	1999	1979	1988		
		LOWEST MEAN YEAR	1979	1979	1996	1975	1996	1998	1993	1985	1984	1972	1985	1983	1979		
		MIN OBS TIME ADJUSTMENT	-1.6	-1.3	-0.9	-0.9	-0.9	-0.6	-0.7	-1.0	-1.2	-1.2	-1.3	-1.5			
		MAX OBS TIME ADJUSTMENT	-1.4	-0.8	-0.6	-0.6	-0.6	-0.5	-0.5	-0.8	-1.0	-0.7	-0.9	-1.4			
		010	BELCOURT KEYA	HIGHEST MEAN	16.4	23.6	31.5	44.9	59.1	70.6	69.8	67.5	58.7	44.8	32.9	22.2	70.6
				MEDIAN	2.3	8.8	18.9	36.9	50.8	60.2	65.2	64.7	51.4	39.4	22.3	5.3	35.9
LOWEST MEAN	-13.0			-7.8	11.6	25.8	42.9	54.1	57.1	56.6	47.3	34.1	9.1	-9.0	-13.0		
HIGHEST MEAN YEAR	1990			1998	2000	1998	1977	1988	1989	1984	1998	1973	1999	1997	1988		
LOWEST MEAN YEAR	1982			1979	1996	1979	1983	1985	1992	1977	1993	1991	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	1.5			1.8	2.1	1.5	0.0	-0.1	-0.1	0.8	0.7	1.3	1.0	1.1			
MAX OBS TIME ADJUSTMENT	0.5			0.6	0.6	0.6	0.5	0.3	0.2	0.0	0.0	0.1	-0.1	0.3			
012	BEULAH 1 W			HIGHEST MEAN	24.4	31.5	39.7	53.3	64.3	77.5	75.7	74.1	65.2	49.4	38.1	26.8	77.5
				MEDIAN	9.8	20.1	28.7	43.5	55.7	64.4	70.3	69.8	57.4	45.9	28.6	16.1	42.7
		LOWEST MEAN	-5.9	2.5	19.4	34.4	49.5	58.8	63.4	64.0	51.7	41.4	17.2	-2.1	-5.9		
		HIGHEST MEAN YEAR	1990	1998	1986	1987	1977	1988	1989	1991	1998	1973	1999	1997	1988		
		LOWEST MEAN YEAR	1982	1979	1996	1979	1983	1985	1993	1977	1984	1972	1996	1983	1982		
		MIN OBS TIME ADJUSTMENT	-1.6	-1.5	-1.2	-1.0	-1.0	-0.7	-0.8	-1.1	-1.1	-1.4	-1.5	-1.6			
		MAX OBS TIME ADJUSTMENT	-1.4	-1.5	-0.9	-1.2	-1.2	-1.0	-0.9	-1.4	-1.0	-1.1	-1.4	-1.5			
		013	BISMARCK MUNI	HIGHEST MEAN	23.6	30.4	39.5	51.2	62.2	75.7	76.3	75.3	63.5	48.8	38.6	28.2	76.3
				MEDIAN	9.0	19.0	28.4	43.1	56.0	64.6	70.8	69.5	57.3	45.2	28.3	15.1	42.5
LOWEST MEAN	-3.8			-0.1	19.8	35.6	50.3	59.8	64.0	62.5	52.7	40.7	14.3	-0.8	-3.8		
HIGHEST MEAN YEAR	1990			1998	1973	1987	1977	1988	1989	1983	1998	2000	1999	1997	1989		
LOWEST MEAN YEAR	1982			1979	1996	1979	1974	1982	1992	1977	1974	1991	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
MAX OBS TIME ADJUSTMENT	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
015	BOTTINEAU			HIGHEST MEAN	17.7	24.4	34.5	47.7	62.6	73.8	72.0	71.3	60.5	46.4	34.8	22.0	73.8
				MEDIAN	3.7	9.3	22.3	40.0	54.0	62.1	66.7	66.8	54.4	41.3	23.1	7.6	37.9
		LOWEST MEAN	-12.5	-5.2	13.2	28.0	45.4	55.5	60.3	57.7	49.1	36.1	10.5	-5.3	-12.5		
		HIGHEST MEAN YEAR	1990	1998	1973	1987	1977	1988	1989	1983	1998	1973	1999	1997	1988		
		LOWEST MEAN YEAR	1982	1979	1980	1979	1979	1985	1993	1977	1972	1991	1985	1983	1982		
		MIN OBS TIME ADJUSTMENT	1.6	1.9	1.2	0.0	-0.7	-0.6	-0.6	-0.4	-0.6	0.4	1.1	1.2			
		MAX OBS TIME ADJUSTMENT	0.6	0.6	0.6	0.5	0.4	0.3	0.1	0.1	0.0	0.1	0.0	0.3			
		016	BOWBELLS	HIGHEST MEAN	20.2	27.6	34.9	51.1	61.1	72.0	73.2	72.8	59.6	46.3	35.1	24.8	73.2
				MEDIAN	5.4	14.4	24.2	40.5	53.3	62.6	66.8	66.4	53.9	41.9	25.0	10.4	38.8
LOWEST MEAN	-11.4			-5.9	14.8	29.4	46.5	55.5	60.2	58.6	48.0	37.2	10.8	-5.0	-11.4		
HIGHEST MEAN YEAR	1990			1984	1986	1987	1977	1988	1975	1983	1998	1973	1999	1997	1975		
LOWEST MEAN YEAR	1982			1979	1996	1979	1979	1985	1993	1985	1984	1991	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	1.3			1.8	2.0	1.5	0.0	-0.1	-0.2	0.9	0.7	1.2	1.1	1.0			
MAX OBS TIME ADJUSTMENT	0.5			0.6	0.6	0.6	0.5	0.3	0.2	0.1	0.0	0.0	0.0	0.2			



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NORTH DAKOTA

No.	Station Name	Element	NORMALS STATISTICS													
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
017	BOWMAN	HIGHEST MEAN	28.6	31.8	38.5	48.4	60.5	74.5	73.3	75.0	64.4	48.1	40.4	28.8	75.0	
		MEDIAN	15.0	22.3	29.9	41.8	52.9	62.8	69.8	68.5	56.2	44.5	28.9	20.0	42.8	
		LOWEST MEAN	-0.6	5.2	20.4	33.9	48.0	57.8	61.0	62.3	51.2	39.9	13.8	-0.2	-0.6	
		HIGHEST MEAN YEAR	1992	1998	1986	1977	1977	1988	1989	1983	1998	1973	1999	1999	1983	1983
		LOWEST MEAN YEAR	1979	1979	1996	1975	1996	1998	1993	1974	1984	1972	1985	1983	1979	1979
		MIN OBS TIME ADJUSTMENT	1.6	1.0	-0.1	-0.7	-0.9	-0.6	-0.6	-1.0	-0.6	-0.7	0.3	1.2		
		MAX OBS TIME ADJUSTMENT	0.6	0.5	0.4	0.4	0.2	0.2	0.1	0.0	-0.1	-0.1	0.0	0.4		
018	BREIEN	HIGHEST MEAN	25.0	31.0	39.6	52.7	64.8	77.4	77.2	75.4	64.2	49.1	37.9	28.0	77.4	
		MEDIAN	10.1	20.3	28.8	44.0	55.9	65.1	71.3	69.8	58.1	45.3	29.0	15.7	43.2	
		LOWEST MEAN	-3.6	2.7	21.1	35.9	52.0	60.2	63.0	62.9	53.8	38.9	15.1	-3.6	-3.6	
		HIGHEST MEAN YEAR	1987	1998	1986	1987	1977	1988	1989	1983	1978	1997	1999	1997	1988	1988
		LOWEST MEAN YEAR	1978	1979	1996	1975	1983	1993	1992	1977	1993	1976	1985	1983	1978	1978
		MIN OBS TIME ADJUSTMENT	-1.6	-1.5	-1.0	-1.0	-1.0	-0.7	-0.6	-1.1	-1.1	-1.4	-1.5	-1.6		
		MAX OBS TIME ADJUSTMENT	-1.4	-1.6	-1.2	-1.4	-1.2	-1.0	-0.9	-1.4	-1.4	-1.3	-1.4	-1.5		
019	BUTTE 5 SE	HIGHEST MEAN	21.1	26.8	37.6	52.3	64.1	76.4	76.6	74.9	64.1	48.5	38.5	24.9	76.6	
		MEDIAN	6.3	14.4	24.9	42.1	56.0	64.7	70.3	69.1	57.2	44.6	25.1	11.1	40.9	
		LOWEST MEAN	-10.2	-3.6	17.9	31.5	48.2	59.9	63.2	62.1	53.0	39.4	13.0	-1.1	-10.2	
		HIGHEST MEAN YEAR	1990	1984	1986	1987	1977	1988	1989	1984	1998	1973	1999	1999	1989	1989
		LOWEST MEAN YEAR	1982	1979	1996	1979	1979	1993	1993	1977	1984	1972	1985	1983	1982	1982
		MIN OBS TIME ADJUSTMENT	0.9	1.1	-0.2	-0.7	-1.0	-0.7	-0.8	-1.0	-1.1	-0.8	0.2	0.6		
		MAX OBS TIME ADJUSTMENT	0.6	0.6	0.5	0.4	0.2	0.2	0.0	0.0	-0.2	0.0	0.0	0.3		
021	CARRINGTON	HIGHEST MEAN	23.0	26.0	35.1	49.5	63.9	73.1	74.1	72.8	61.5	48.5	36.2	24.1	74.1	
		MEDIAN	6.8	12.8	24.2	40.6	54.8	63.7	68.8	67.0	55.8	43.4	25.4	10.8	40.0	
		LOWEST MEAN	-8.2	-2.5	15.9	31.2	48.0	57.8	61.9	60.9	50.9	39.1	13.2	-2.8	-8.2	
		HIGHEST MEAN YEAR	1990	1998	1973	1987	1977	1988	1988	1983	1978	1973	1999	1999	1988	1988
		LOWEST MEAN YEAR	1982	1979	1996	1979	1979	1985	1992	1977	1984	1991	1996	1983	1982	1982
		MIN OBS TIME ADJUSTMENT	1.5	2.0	2.1	1.5	0.0	-0.1	-0.1	0.8	0.7	1.2	1.0	1.1		
		MAX OBS TIME ADJUSTMENT	0.5	0.6	0.6	0.6	0.5	0.3	0.2	0.0	0.0	0.0	-0.1	0.3		
022	CARRINGTON 4	HIGHEST MEAN	20.4	26.9	36.2	51.5	65.2	73.5	74.3	74.7	63.6	49.4	37.5	24.3	74.7	
		MEDIAN	6.4	13.2	24.9	41.8	56.2	64.4	69.3	67.9	57.2	44.8	25.9	10.8	40.7	
		LOWEST MEAN	-9.5	-3.6	17.3	31.0	48.8	58.8	62.8	61.2	52.3	38.6	12.9	0.5	-9.5	
		HIGHEST MEAN YEAR	1990	1998	1973	1987	1977	1988	1983	1983	1998	1973	1999	1997	1983	1983
		LOWEST MEAN YEAR	1982	1979	1975	1979	1979	1982	1992	1974	1984	1991	1996	1983	1982	1982
		MIN OBS TIME ADJUSTMENT	1.5	2.0	2.1	1.5	0.0	-0.1	-0.1	0.8	0.7	1.2	1.0	1.1		
		MAX OBS TIME ADJUSTMENT	0.5	0.6	0.6	0.6	0.5	0.3	0.2	0.1	0.0	0.0	-0.1	0.3		
023	CARSON	HIGHEST MEAN	25.2	30.7	35.6	50.2	61.4	74.4	74.3	73.2	63.4	48.1	40.1	26.8	74.4	
		MEDIAN	10.6	19.0	26.9	41.6	53.8	62.1	69.2	68.1	56.3	44.2	27.8	16.0	41.3	
		LOWEST MEAN	-4.3	0.1	17.9	31.7	47.1	56.4	61.0	61.0	50.8	37.8	15.4	-1.9	-4.3	
		HIGHEST MEAN YEAR	1992	1998	1986	1987	1977	1988	1989	1983	1998	2000	1999	1997	1988	1988
		LOWEST MEAN YEAR	1979	1979	1996	1975	1979	1985	1992	1977	1984	1972	1985	1983	1979	1979
		MIN OBS TIME ADJUSTMENT	1.5	1.9	2.0	1.4	0.0	0.0	-0.1	0.9	0.8	1.3	1.1	1.2		
		MAX OBS TIME ADJUSTMENT	0.5	0.6	0.5	0.5	0.5	0.3	0.2	0.1	-0.1	0.0	0.0	0.3		
024	CASSELTON AGR	HIGHEST MEAN	22.0	26.4	35.9	49.3	65.0	73.3	75.0	74.8	63.2	50.2	37.1	23.9	75.0	
		MEDIAN	5.8	11.8	26.7	42.3	56.8	65.1	70.3	68.9	57.9	45.0	26.1	11.3	41.0	
		LOWEST MEAN	-8.5	-3.8	17.6	33.7	49.3	58.5	62.8	62.5	53.3	40.9	15.2	-3.0	-8.5	
		HIGHEST MEAN YEAR	1990	1987	2000	1987	1977	1988	1988	1983	1978	1973	1999	1997	1988	1988
		LOWEST MEAN YEAR	1982	1979	1975	1975	1979	1982	1992	1977	1993	1976	1985	1983	1982	1982
		MIN OBS TIME ADJUSTMENT	1.6	2.0	1.4	0.0	-0.8	-0.6	-0.5	-0.9	-0.6	0.4	1.0	1.1		
		MAX OBS TIME ADJUSTMENT	0.6	0.6	0.6	0.6	0.4	0.3	0.1	0.0	0.0	0.1	0.0	0.3		
025	CAVALIER 7 NW	HIGHEST MEAN	14.9	23.1	32.5	49.4	66.3	71.3	72.4	71.9	60.4	48.4	35.7	24.0	72.4	
		MEDIAN	2.7	8.0	21.8	39.5	54.1	63.4	67.0	64.7	54.9	42.1	24.0	8.2	37.7	
		LOWEST MEAN	-11.4	-6.6	13.0	28.9	46.5	56.4	60.2	59.7	50.6	36.5	11.9	-4.8	-11.4	
		HIGHEST MEAN YEAR	1990	1984	1973	1977	1977	1988	1989	1983	1976	1973	1981	1997	1989	1989
		LOWEST MEAN YEAR	1982	1979	1996	1979	1979	1985	1992	1977	1985	1991	1996	2000	1982	1982
		MIN OBS TIME ADJUSTMENT	1.5	1.9	2.1	1.5	0.0	-0.6	-0.2	-0.4	0.7	1.3	0.9	1.0		
		MAX OBS TIME ADJUSTMENT	0.5	0.6	0.7	0.6	0.5	0.3	0.2	0.1	0.0	0.0	-0.1	0.2		
026	CENTER 4 SE	HIGHEST MEAN	26.6	29.8	37.9	50.1	61.0	73.7	73.5	74.7	63.2	47.2	36.8	26.9	74.7	
		MEDIAN	10.1	17.8	27.3	41.0	54.0	62.5	68.5	66.9	55.8	44.6	27.0	13.5	40.8	
		LOWEST MEAN	-6.0	0.2	15.5	32.0	47.6	58.0	61.8	58.7	51.5	39.5	15.1	0.5	-6.0	
		HIGHEST MEAN YEAR	1992	1984	1986	1987	1977	1988	1989	1991	1990	1986	1999	1991	1991	1991
		LOWEST MEAN YEAR	1982	1979	1996	1979	1979	1985	1993	1977	1974	1976	1985	1983	1982	1982
		MIN OBS TIME ADJUSTMENT	1.4	1.8	1.9	2.3	1.5	1.1	1.0	1.7	1.5	1.2	0.9	1.0		
		MAX OBS TIME ADJUSTMENT	0.5	0.6	0.6	0.6	0.5	0.3	0.2	0.1	0.0	0.0	-0.1	0.3		
028	COLGATE	HIGHEST MEAN	19.9	22.2	34.7	48.4	65.1	73.6	74.5	74.1	62.0	48.4	34.4	22.2	74.5	
		MEDIAN	4.3	9.2	23.5	41.1	56.0	64.4	69.2	68.6	56.8	42.8	23.3	8.3	39.3	
		LOWEST MEAN	-12.1	-5.9	15.0	32.3	49.0	57.6	62.1	61.6	51.9	38.8	12.1	-5.2	-12.1	
		HIGHEST MEAN YEAR	1990	1998	2000	1977	1977	1988	1988	1983	1998	1973	1999	1997	1988	1988
		LOWEST MEAN YEAR	1982	1979	1996	1979	1979	1982	1992	1977	1985	1976	1985	1983	1982	1982
		MIN OBS TIME ADJUSTMENT	1.6	2.0	1.4	0.0	-0.8	-0.6	-0.6	-0.9	-0.6	0.4	1.0	1.1		
		MAX OBS TIME ADJUSTMENT	0.6	0.6	0.6	0.6	0.4	0.3	0.1	0.0	0.0	0.1	-0.1	0.3		

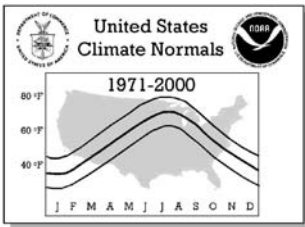


CLIMATOGRAPHY OF THE UNITED STATES NO. 81

Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

NORTH DAKOTA

No.	Station Name	Element	NORMALS STATISTICS														
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL		
029	COOPERSTOWN	HIGHEST MEAN	20.4	24.9	34.7	49.8	65.0	71.9	73.4	74.3	63.1	49.0	35.5	22.1	74.3		
		MEDIAN	4.8	10.9	24.1	41.2	55.4	64.7	69.3	67.6	56.3	43.5	24.2	9.7	39.7		
		LOWEST MEAN	-9.8	-3.1	15.8	32.3	48.1	58.8	61.4	60.7	52.2	39.5	13.0	-1.9	-9.8		
		HIGHEST MEAN YEAR	1990	1998	1973	1987	1977	1988	1989	1983	1978	1973	1981	1997	1983		
		LOWEST MEAN YEAR	1982	1979	1996	1979	1979	1985	1992	1977	1985	1991	1985	1983	1982		
		MIN OBS TIME ADJUSTMENT	-0.7	-0.7	-0.5	-0.4	-0.4	-0.3	-0.3	-0.3	-0.4	-0.5	-0.6	-0.6			
		MAX OBS TIME ADJUSTMENT	-0.3	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2	-0.3	-0.3			
		031	CROSBY	HIGHEST MEAN	21.8	29.1	39.3	52.6	63.9	76.6	74.5	75.1	61.2	47.7	36.8	26.0	76.6
				MEDIAN	7.6	16.7	27.6	43.0	56.0	64.8	69.3	67.7	56.3	44.1	26.7	12.5	41.2
				LOWEST MEAN	-9.5	-0.1	18.1	33.7	49.7	58.8	62.1	61.9	50.8	40.3	12.9	-3.4	-9.5
HIGHEST MEAN YEAR	1986			1984	1986	1987	1977	1988	1989	1983	1998	1974	1999	1997	1988		
LOWEST MEAN YEAR	1982			1979	1996	1975	1974	1993	1993	1974	1984	1991	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	-1.6			-1.2	-1.0	-0.9	-0.9	-0.8	-0.7	-1.0	-1.0	-1.2	-1.3	-1.5			
MAX OBS TIME ADJUSTMENT	-1.4			-0.7	-0.5	-0.6	-0.6	-0.5	-0.5	-0.8	-0.6	-0.7	-0.9	-1.4			
032	DEVILS LAKE K			HIGHEST MEAN	21.5	26.0	35.4	51.1	65.5	73.8	74.2	73.5	62.6	49.2	37.3	25.1	74.2
				MEDIAN	7.0	12.0	23.6	42.0	56.0	64.8	69.7	68.1	57.1	44.2	25.4	10.4	40.8
				LOWEST MEAN	-9.6	-3.1	16.4	31.8	48.5	59.1	62.6	61.7	51.7	39.4	13.8	-2.6	-9.6
		HIGHEST MEAN YEAR	1990	1998	2000	1987	1977	1988	1989	1983	1998	1973	1999	1997	1989		
		LOWEST MEAN YEAR	1982	1979	1996	1979	1979	1985	1992	1977	1984	1976	1996	1983	1982		
		MIN OBS TIME ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
		MAX OBS TIME ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
		033	DICKINSON AP	HIGHEST MEAN	27.7	34.3	39.0	50.0	60.9	75.9	74.6	77.4	64.2	48.7	40.9	29.6	77.4
				MEDIAN	14.0	22.6	30.6	42.3	54.4	63.0	70.0	69.3	57.5	45.2	29.2	19.0	42.8
				LOWEST MEAN	-0.2	6.1	19.0	33.7	48.5	58.1	61.2	61.9	51.8	40.2	16.9	0.9	-0.2
HIGHEST MEAN YEAR	1992			1984	1986	1980	1977	1988	1989	1983	1998	1983	1999	1979	1983		
LOWEST MEAN YEAR	1982			1989	1996	1975	1974	1993	1993	1977	1986	1972	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
MAX OBS TIME ADJUSTMENT	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
034	DICKINSON EXP			HIGHEST MEAN	25.4	30.2	38.5	48.0	61.7	75.0	74.0	73.9	63.0	48.3	38.7	26.2	75.0
				MEDIAN	12.1	20.5	28.2	41.4	53.2	62.3	68.5	67.6	54.8	43.7	27.9	17.3	41.6
				LOWEST MEAN	-2.6	3.6	20.1	33.7	48.3	56.4	60.8	60.9	49.6	39.1	14.5	-2.8	-2.8
		HIGHEST MEAN YEAR	1992	1998	1986	1987	1977	1988	1989	1983	1998	1973	1999	1999	1988		
		LOWEST MEAN YEAR	1982	1979	1996	1975	1983	1985	1992	1985	1984	1991	1985	1983	1983		
		MIN OBS TIME ADJUSTMENT	1.3	1.9	2.0	1.4	0.0	-0.1	-0.1	0.9	0.7	1.3	1.1	1.0			
		MAX OBS TIME ADJUSTMENT	0.5	0.6	0.5	0.5	0.5	0.3	0.2	0.1	0.0	0.0	0.0	0.3			
		035	DICKINSON RAN	HIGHEST MEAN	26.1	30.8	39.6	49.2	61.7	76.1	73.8	74.4	63.3	47.9	40.4	27.5	76.1
				MEDIAN	11.8	20.7	27.8	42.1	54.5	64.0	70.0	69.1	56.4	44.9	27.8	16.1	42.1
				LOWEST MEAN	-4.2	2.0	19.2	33.5	49.0	57.6	61.9	62.5	51.3	41.1	14.6	-2.0	-4.2
HIGHEST MEAN YEAR	1990			1984	1986	1987	1977	1988	1989	1983	1998	1973	1999	1999	1988		
LOWEST MEAN YEAR	1982			1979	1996	1975	1996	1985	1993	1977	1985	1991	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	1.5			1.9	1.1	0.0	-0.7	-0.6	-0.6	-0.4	-0.6	0.4	1.2	1.2			
MAX OBS TIME ADJUSTMENT	0.5			0.6	0.5	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.0	0.3			
036	DRAKE 9 NE			HIGHEST MEAN	19.7	26.4	35.3	51.1	65.6	74.6	74.4	73.3	62.5	47.3	36.5	24.9	74.6
				MEDIAN	4.9	12.0	23.2	41.1	55.4	64.5	68.8	67.8	56.0	43.0	24.4	9.3	39.7
				LOWEST MEAN	-11.2	-4.3	14.5	29.7	48.8	58.1	61.1	61.1	50.8	37.6	10.9	-5.1	-11.2
		HIGHEST MEAN YEAR	1990	1998	1973	1987	1977	1988	1989	1983	1998	1973	1999	1997	1988		
		LOWEST MEAN YEAR	1982	1979	1996	1979	1979	1993	1993	1977	1984	1972	1985	1983	1982		
		MIN OBS TIME ADJUSTMENT	1.6	2.0	1.2	0.0	-0.7	-0.6	-0.6	-0.4	-0.6	0.4	1.1	1.2			
		MAX OBS TIME ADJUSTMENT	0.6	0.6	0.6	0.5	0.4	0.3	0.1	0.1	0.0	0.1	0.0	0.3			
		038	DUNN CENTER 2	HIGHEST MEAN	26.4	32.0	40.4	52.2	63.0	77.4	76.5	76.0	65.5	49.9	40.4	29.6	77.4
				MEDIAN	11.8	22.2	29.4	43.9	56.1	64.5	70.4	71.2	58.0	46.0	28.9	16.9	43.4
				LOWEST MEAN	-4.6	3.1	20.9	34.2	49.6	58.5	62.8	64.2	52.9	41.6	17.4	-0.7	-4.6
HIGHEST MEAN YEAR	1992			1984	1986	1987	1977	1988	1989	1983	1998	1973	1999	1999	1988		
LOWEST MEAN YEAR	1982			1979	1996	1975	1996	1985	1993	1977	1984	1972	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	-1.9			-1.6	-1.3	-1.0	-1.0	-0.7	-0.8	-1.2	-1.3	-1.5	-1.6	-1.8			
MAX OBS TIME ADJUSTMENT	-2.7			-2.3	-1.5	-2.1	-1.9	-1.6	-1.5	-2.1	-1.7	-1.8	-2.2	-2.7			
039	EDGELEY 3 WNW			HIGHEST MEAN	24.2	27.8	35.2	49.9	64.1	73.7	74.2	74.8	63.4	49.6	38.4	25.1	74.8
				MEDIAN	9.4	15.1	26.7	42.2	55.7	64.3	70.2	68.5	57.6	45.1	26.1	13.0	41.7
				LOWEST MEAN	-5.6	-0.1	17.5	32.5	48.9	58.8	61.5	62.6	52.2	41.3	15.8	-1.3	-5.6
		HIGHEST MEAN YEAR	1990	1987	2000	1987	1977	1988	1988	1983	1978	1973	1999	1999	1983		
		LOWEST MEAN YEAR	1982	1979	1996	1975	1979	1982	1992	1977	1993	1976	1985	1983	1982		
		MIN OBS TIME ADJUSTMENT	1.6	2.0	1.3	0.0	-0.7	-0.6	-0.5	-0.4	-0.6	0.5	1.1	1.2			
		MAX OBS TIME ADJUSTMENT	0.6	0.6	0.5	0.6	0.4	0.3	0.1	0.1	-0.1	0.0	0.0	0.4			
		040	EDMORE 1 NW	HIGHEST MEAN	14.6	23.7	32.7	48.4	63.0	71.9	72.3	71.3	60.0	46.6	33.7	22.4	72.3
				MEDIAN	0.7	6.6	20.1	39.3	53.7	62.2	66.8	65.9	54.2	41.3	21.7	5.3	36.9
				LOWEST MEAN	-14.5	-7.9	12.3	28.8	46.1	56.1	59.1	58.7	49.9	36.0	8.6	-6.2	-14.5
HIGHEST MEAN YEAR	1990			1998	2000	1987	1977	1988	1989	1983	1998	1973	1999	1997	1989		
LOWEST MEAN YEAR	1982			1979	1996	1979	1979	1985	1992	1977	1985	1976	1996	1983	1982		
MIN OBS TIME ADJUSTMENT	0.9			1.1	-0.2	-0.6	-1.0	-0.7	-0.7	-1.1	-1.1	-0.8	0.2	0.5			
MAX OBS TIME ADJUSTMENT	0.6			0.6	0.5	0.4	0.2	0.2	0.0	-0.2	-0.2	0.0	0.0	0.3			

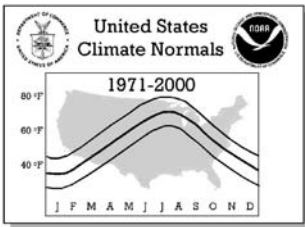


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Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

NORTH DAKOTA

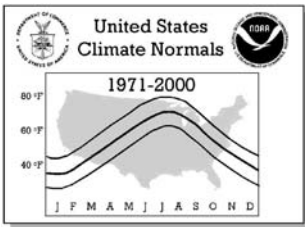
No.	Station Name	Element	NORMALS STATISTICS														
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL		
041	EDMUNDS ARROW	HIGHEST MEAN	23.9	27.9	36.4	50.9	64.9	73.9	74.1	73.8	64.4	50.9	39.4	26.7	74.1		
		MEDIAN	7.8	16.0	26.6	42.1	56.9	64.7	70.0	68.7	57.9	45.9	26.8	12.8	41.6		
		LOWEST MEAN	-9.8	-1.5	20.4	33.7	47.7	58.6	61.5	61.7	52.9	40.6	14.6	-1.0	-9.8		
		HIGHEST MEAN YEAR	1990	1998	1973	1987	1977	1988	1988	1983	1998	1973	1999	1997	1988		
		LOWEST MEAN YEAR	1982	1979	1979	1979	1979	1982	1992	1977	1984	1991	1985	1983	1982		
		MIN OBS TIME ADJUSTMENT	-1.9	-1.6	-1.1	-1.0	-1.1	-0.7	-0.8	-1.2	-1.4	-1.8	-1.7	-1.8			
		MAX OBS TIME ADJUSTMENT	-1.6	-1.3	-1.4	-1.9	-2.6	-1.4	-1.8	-1.8	-2.7	-2.6	-1.5	-1.6			
		043	ELLENDALE	HIGHEST MEAN	24.5	30.7	37.4	53.7	65.2	75.0	77.1	78.2	66.2	50.8	38.8	26.1	78.2
				MEDIAN	11.7	17.3	30.2	44.9	57.7	66.4	72.3	71.4	60.0	47.1	28.0	14.5	43.8
				LOWEST MEAN	-3.3	1.7	21.3	35.3	51.8	61.9	64.4	65.3	55.5	40.7	15.2	0.1	-3.3
HIGHEST MEAN YEAR	1990			1987	1973	1987	1977	1988	1988	1983	1998	1973	1999	1979	1983		
LOWEST MEAN YEAR	1982			1979	1996	1975	1979	1985	1992	1977	1985	1976	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	-1.4			-1.5	-1.1	-1.0	-1.0	-0.7	-0.6	-1.0	-1.2	-1.4	-1.4	-1.6			
MAX OBS TIME ADJUSTMENT	-1.3			-1.5	-1.3	-1.4	-1.3	-1.0	-0.9	-1.3	-1.4	-1.3	-1.4	-1.4			
044	ENDERLIN 2 W			HIGHEST MEAN	22.6	28.8	36.7	51.6	65.6	74.4	76.0	75.4	63.7	50.9	39.1	26.2	76.0
				MEDIAN	8.0	14.0	26.9	43.8	57.8	65.7	70.7	69.3	58.1	45.1	26.4	12.9	41.7
				LOWEST MEAN	-6.5	-2.3	17.1	32.6	49.1	60.7	63.9	62.1	52.4	40.1	15.7	0.5	-6.5
		HIGHEST MEAN YEAR	1990	1987	2000	1987	1977	1988	1983	1983	1998	1973	1999	1999	1983		
		LOWEST MEAN YEAR	1979	1979	1975	1975	1979	1982	1992	1977	1974	1976	1985	1983	1979		
		MIN OBS TIME ADJUSTMENT	-1.6	-1.5	-1.1	-1.0	-1.0	-0.7	-0.6	-0.9	-1.2	-1.4	-1.4	-1.5			
		MAX OBS TIME ADJUSTMENT	-1.4	-1.5	-1.3	-1.4	-1.3	-1.0	-0.9	-0.7	-1.0	-1.3	-1.3	-1.4			
		046	FAIRFIELD	HIGHEST MEAN	23.9	28.9	37.7	49.0	60.2	73.5	72.5	73.4	64.0	47.7	39.7	26.3	73.5
				MEDIAN	10.9	19.4	26.1	41.4	53.5	62.0	68.6	67.8	55.5	43.4	26.6	15.5	40.9
				LOWEST MEAN	-6.1	0.9	16.8	31.6	47.2	57.7	60.3	61.0	50.1	39.1	12.1	-4.5	-6.1
HIGHEST MEAN YEAR	1992			1991	1986	1987	1977	1988	1988	1983	1998	1974	1999	1997	1988		
LOWEST MEAN YEAR	1982			1989	1996	1975	1996	1998	1993	1977	1984	1991	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	1.5			1.9	1.1	0.0	-0.7	-0.6	-0.6	-0.4	-0.6	0.4	1.1	1.2			
MAX OBS TIME ADJUSTMENT	0.5			0.6	0.5	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.0	0.3			
047	FARGO HECTOR			HIGHEST MEAN	21.3	28.0	36.6	51.3	66.5	73.6	75.6	73.3	63.9	50.8	37.1	23.5	75.6
				MEDIAN	6.8	12.4	28.3	43.3	57.4	65.8	70.6	68.9	57.9	45.2	26.4	12.1	41.5
				LOWEST MEAN	-7.0	-1.4	17.4	36.0	50.4	59.0	64.0	62.3	53.7	39.3	15.2	-0.4	-7.0
		HIGHEST MEAN YEAR	1990	1998	1973	1987	1977	1988	1989	1976	1998	1973	1999	1997	1989		
		LOWEST MEAN YEAR	1982	1979	1996	1975	1979	1982	1992	1977	1985	1976	1985	1983	1982		
		MIN OBS TIME ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
		MAX OBS TIME ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
		048	FESSENDEN	HIGHEST MEAN	20.2	25.8	34.6	51.4	64.7	74.6	75.0	75.0	63.2	48.3	34.5	21.8	75.0
				MEDIAN	4.8	10.9	23.2	41.2	56.0	64.9	69.3	67.7	57.3	43.2	24.3	8.7	40.5
				LOWEST MEAN	-9.9	-3.8	15.7	31.9	49.2	58.8	62.1	61.9	52.2	38.3	13.4	-4.7	-9.9
HIGHEST MEAN YEAR	1990			1998	1973	1987	1977	1988	1975	1983	1978	1973	1999	1997	1975		
LOWEST MEAN YEAR	1982			1979	1996	1979	1979	1993	1992	1977	1984	1976	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	1.6			2.1	1.2	0.0	-0.7	-0.6	-0.6	-0.4	-0.5	0.4	1.1	1.2			
MAX OBS TIME ADJUSTMENT	0.6			0.6	0.6	0.5	0.4	0.3	0.1	0.1	0.0	0.1	0.0	0.3			
050	FORMAN 5 SSE			HIGHEST MEAN	22.4	28.4	37.0	50.6	65.5	75.5	75.9	75.6	64.3	51.8	38.8	24.4	75.9
				MEDIAN	7.9	13.6	28.1	43.4	57.0	65.2	70.9	69.6	58.2	45.1	27.3	12.9	41.9
				LOWEST MEAN	-6.0	-0.6	18.7	34.7	50.1	60.2	62.9	63.7	53.1	41.4	15.9	-1.9	-6.0
		HIGHEST MEAN YEAR	1990	1987	2000	1987	1977	1988	1988	1983	1978	1973	1999	1999	1988		
		LOWEST MEAN YEAR	1982	1979	1975	1975	1979	1982	1992	1977	1993	1976	1985	1983	1982		
		MIN OBS TIME ADJUSTMENT	1.5	2.0	1.3	0.0	-0.7	-0.6	-0.5	-0.9	-0.6	0.5	1.0	1.2			
		MAX OBS TIME ADJUSTMENT	0.3	0.6	0.6	0.6	0.4	0.3	0.1	0.0	-0.1	0.0	0.0	0.3			
		051	FORTUNA 1 W	HIGHEST MEAN	20.3	27.3	36.5	48.1	60.8	74.0	72.6	73.5	60.6	46.2	35.7	25.2	74.0
				MEDIAN	5.1	13.5	24.1	40.1	53.2	62.4	67.2	65.7	53.6	41.2	24.7	11.3	38.7
				LOWEST MEAN	-12.7	-3.3	15.4	30.0	46.5	56.6	59.8	59.2	46.8	37.5	10.2	-6.6	-12.7
HIGHEST MEAN YEAR	1990			1998	1986	1980	1977	1988	1989	1983	1998	1973	1999	1997	1988		
LOWEST MEAN YEAR	1982			1979	1996	1979	1979	1985	1992	1977	1984	1991	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	1.6			0.8	-0.1	-0.6	-0.9	-0.8	-0.8	-1.0	-0.6	-0.8	0.2	1.2			
MAX OBS TIME ADJUSTMENT	0.6			0.6	0.5	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.3			
052	FORT YATES 4			HIGHEST MEAN	26.0	31.8	38.1	53.6	63.6	78.6	77.8	77.5	65.8	50.8	38.3	29.2	78.6
				MEDIAN	13.4	21.8	29.3	44.5	56.6	66.2	72.8	71.0	59.6	47.6	30.1	18.3	44.4
				LOWEST MEAN	-1.4	2.6	22.2	34.8	51.9	61.6	65.4	64.3	55.6	44.1	17.3	0.4	-1.4
		HIGHEST MEAN YEAR	1990	1984	1986	1987	1977	1988	1989	1983	1978	2000	1999	1997	1988		
		LOWEST MEAN YEAR	1978	1979	1996	1975	1979	1998	1992	1974	1999	1991	1985	1983	1978		
		MIN OBS TIME ADJUSTMENT	-0.8	-1.0	-0.7	-0.7	-0.6	-0.5	-0.4	-0.7	-0.6	-0.8	-0.9	-0.9			
		MAX OBS TIME ADJUSTMENT	-0.3	-0.4	-0.2	-0.2	-0.2	-0.1	-0.1	-0.3	-0.3	-0.4	-0.4	-0.5			
		053	FOXHOLM 7 N	HIGHEST MEAN	20.6	25.9	36.5	51.0	63.1	75.2	73.9	72.3	61.9	48.2	36.4	25.4	75.2
				MEDIAN	6.3	14.9	25.1	41.5	54.8	63.6	68.6	67.7	55.4	43.4	25.1	10.6	39.9
				LOWEST MEAN	-12.8	-5.6	17.3	27.2	45.4	57.6	61.3	59.3	49.9	38.7	9.7	-4.1	-12.8
HIGHEST MEAN YEAR	1986			1998	1986	1987	1977	1988	1989	1983	1998	1994	1999	1987	1988		
LOWEST MEAN YEAR	1982			1979	1996	1979	1979	1985	1993	1977	1984	1972	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	1.3			1.9	2.0	1.5	0.0	-0.1	-0.2	0.9	0.7	1.2	1.1	1.0			
MAX OBS TIME ADJUSTMENT	0.5			0.6	0.6	0.6	0.5	0.3	0.2	0.1	0.0	0.0	0.0	0.2			



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1971-2000

NORTH DAKOTA

No.	Station Name	Element	NORMALS STATISTICS														
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL		
054	FULLERTON 1 E	HIGHEST MEAN	23.8	30.1	37.7	53.8	64.9	75.1	77.3	77.4	64.0	51.3	38.3	25.4	77.4		
		MEDIAN	10.8	15.8	29.4	44.4	57.3	66.3	71.2	69.5	58.9	45.7	27.2	13.7	42.7		
		LOWEST MEAN	-6.6	0.9	19.3	35.6	52.1	59.5	63.5	62.6	54.3	42.5	15.9	-0.8	-6.6		
		HIGHEST MEAN YEAR	1990	1987	1973	1977	1977	1988	1974	1983	1978	1973	1999	1979	1983		
		LOWEST MEAN YEAR	1982	1979	1996	1975	1979	1982	1992	1977	1993	1976	1985	1983	1982		
		MIN OBS TIME ADJUSTMENT	-1.4	-1.5	-1.1	-1.0	-1.0	-0.7	-0.6	-1.0	-1.2	-1.4	-1.4	-1.5			
		MAX OBS TIME ADJUSTMENT	-1.3	-1.5	-1.3	-1.4	-1.3	-1.0	-0.9	-1.3	-1.4	-1.3	-1.4	-1.4			
		055	GACKLE	HIGHEST MEAN	23.0	27.1	35.8	52.2	64.0	75.1	76.0	77.1	64.8	49.6	39.1	24.4	77.1
				MEDIAN	9.0	15.2	26.5	42.8	56.0	65.5	71.3	69.5	58.3	45.5	26.3	12.8	42.1
LOWEST MEAN	-6.0			0.6	18.3	32.9	49.8	59.9	62.7	62.5	53.2	40.8	15.6	-2.0	-6.0		
HIGHEST MEAN YEAR	1990			1998	1986	1987	1977	1988	1974	1983	1998	1973	1999	1999	1983		
LOWEST MEAN YEAR	1982			1979	1996	1975	1979	1993	1992	1977	1985	1976	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	-1.6			-1.5	-1.1	-1.0	-1.0	-0.7	-0.6	-1.0	-1.2	-1.4	-1.4	-1.6			
MAX OBS TIME ADJUSTMENT	-1.4			-1.6	-1.3	-1.4	-1.2	-1.0	-0.9	-1.3	-1.0	-1.3	-1.4	-1.5			
056	GARRISON 1 NN			HIGHEST MEAN	23.3	28.7	36.4	50.0	63.7	74.4	73.6	75.4	62.1	48.6	37.7	27.5	75.4
				MEDIAN	7.5	15.2	26.6	41.3	54.3	63.1	68.7	67.8	56.0	43.5	26.9	13.8	40.6
		LOWEST MEAN	-10.0	-3.5	16.4	32.5	48.6	57.6	61.3	62.0	50.2	38.6	14.2	-4.6	-10.0		
		HIGHEST MEAN YEAR	1990	1998	1986	1977	1977	1988	1989	1983	1998	1973	1999	1997	1983		
		LOWEST MEAN YEAR	1982	1979	1996	1979	1979	1985	1993	1985	1984	1972	1985	1983	1982		
		MIN OBS TIME ADJUSTMENT	1.6	2.0	1.1	0.0	-0.7	-0.6	-0.6	-0.4	-0.6	0.4	1.2	1.2			
		MAX OBS TIME ADJUSTMENT	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.0	0.4			
		058	GRAFTON	HIGHEST MEAN	18.8	27.6	36.6	52.4	67.6	75.2	75.7	76.6	64.5	50.9	37.4	26.3	76.6
				MEDIAN	5.6	12.0	26.1	43.2	58.2	67.1	71.3	70.0	58.5	45.3	26.3	10.5	41.3
LOWEST MEAN	-8.5			-3.6	15.4	33.4	50.2	60.0	63.8	63.8	53.8	39.2	13.4	-1.1	-8.5		
HIGHEST MEAN YEAR	1990			1998	2000	1987	1977	1988	1983	1983	1978	1973	1999	1997	1983		
LOWEST MEAN YEAR	1982			1979	1996	1979	1979	1982	1992	1977	1985	1991	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	-1.5			-1.4	-1.1	-0.9	-0.9	-0.6	-0.6	-0.8	-1.0	-1.2	-1.2	-1.3			
MAX OBS TIME ADJUSTMENT	-0.9			-0.9	-0.5	-0.6	-0.6	-0.5	-0.5	-0.4	-0.6	-0.7	-0.8	-1.0			
059	GRAND FORKS I			HIGHEST MEAN	18.9	25.7	35.7	50.7	67.4	72.0	74.5	73.6	62.3	50.1	36.4	24.6	74.5
				MEDIAN	6.1	12.7	26.3	42.1	56.1	65.2	69.4	67.5	56.9	44.4	25.7	11.6	40.7
		LOWEST MEAN	-7.6	-3.8	15.9	33.4	48.6	58.6	62.7	61.4	52.0	39.2	12.0	-0.4	-7.6		
		HIGHEST MEAN YEAR	1990	1998	1973	1987	1977	1988	1989	1983	1997	1973	1981	1997	1989		
		LOWEST MEAN YEAR	1979	1979	1996	1979	1979	1982	1992	1977	1974	1991	1985	2000	1979		
		MIN OBS TIME ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
		MAX OBS TIME ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
		060	GRAND FORKS U	HIGHEST MEAN	19.2	25.0	35.3	52.1	66.2	73.7	75.4	73.8	62.1	50.2	36.4	22.6	75.4
				MEDIAN	5.6	11.2	26.1	41.5	56.7	65.4	69.7	68.0	57.0	44.7	25.1	11.2	40.1
LOWEST MEAN	-8.0			-4.3	17.5	33.1	47.7	59.0	62.0	60.1	51.9	38.4	14.5	-0.7	-8.0		
HIGHEST MEAN YEAR	1990			1987	1973	1987	1977	1988	1989	1983	1978	1973	1981	1997	1989		
LOWEST MEAN YEAR	1982			1979	1975	1979	1979	1982	1992	1977	1993	1991	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
MAX OBS TIME ADJUSTMENT	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
061	GRANVILLE			HIGHEST MEAN	23.9	28.3	37.7	52.0	65.0	76.3	74.8	74.3	64.7	50.1	40.1	28.9	76.3
				MEDIAN	8.1	14.4	27.5	43.1	55.5	64.7	69.6	69.4	57.4	44.7	28.4	13.1	41.3
		LOWEST MEAN	-9.0	1.6	17.9	32.5	47.2	57.9	63.0	59.9	50.1	37.0	12.0	-1.6	-9.0		
		HIGHEST MEAN YEAR	1990	1987	2000	1987	1977	1988	1989	1983	1998	1973	1999	1999	1988		
		LOWEST MEAN YEAR	1982	1989	1996	1979	1979	1985	1992	1980	1984	1976	1996	1983	1982		
		MIN OBS TIME ADJUSTMENT	-1.8	-1.6	-1.2	-1.0	-1.0	-0.7	-0.8	-1.2	-1.3	-1.5	-1.6	-1.7			
		MAX OBS TIME ADJUSTMENT	-2.2	-2.3	-1.5	-2.1	-1.9	-1.6	-1.5	-2.1	-1.7	-1.8	-2.2	-2.2			
		062	GRASSY BUTTE	HIGHEST MEAN	25.6	31.3	39.5	50.8	61.2	75.7	74.2	74.4	63.8	47.4	40.3	27.0	75.7
				MEDIAN	11.6	22.1	29.0	42.7	55.0	62.3	68.8	68.8	56.4	44.8	28.0	16.4	42.2
LOWEST MEAN	-3.3			3.5	19.2	33.6	48.9	57.5	61.0	60.8	51.4	40.3	14.6	-2.5	-3.3		
HIGHEST MEAN YEAR	1992			1984	1986	1987	1977	1988	1989	1983	1998	1973	1999	1999	1988		
LOWEST MEAN YEAR	1982			1979	1996	1975	1996	1985	1993	1977	1984	1972	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	-1.7			-1.4	-1.1	-1.0	-0.9	-0.7	-0.8	-1.1	-1.2	-1.4	-1.5	-1.7			
MAX OBS TIME ADJUSTMENT	-2.1			-1.5	-0.9	-1.2	-1.2	-1.0	-0.9	-1.4	-1.0	-1.1	-1.4	-2.1			
063	GRENORA			HIGHEST MEAN	22.9	28.0	36.2	50.5	62.1	76.3	74.8	74.7	63.3	49.0	36.8	23.6	76.3
				MEDIAN	6.2	17.8	27.5	42.1	55.9	63.6	69.0	67.8	55.3	43.6	25.6	11.3	40.7
		LOWEST MEAN	-9.3	-0.2	18.1	33.2	48.8	57.9	61.5	60.8	48.1	39.5	9.3	-6.6	-9.3		
		HIGHEST MEAN YEAR	1990	1984	1986	1987	1977	1988	1989	1983	1998	1974	1999	1999	1988		
		LOWEST MEAN YEAR	1982	1989	1996	1975	1979	1985	1993	1977	1985	1984	1985	1983	1982		
		MIN OBS TIME ADJUSTMENT	0.9	-0.3	-0.8	-0.9	-1.0	-0.9	-0.9	-1.2	-1.1	-1.4	-1.0	0.6			
		MAX OBS TIME ADJUSTMENT	0.6	0.5	0.3	0.0	-0.2	-0.2	-0.3	-0.2	-0.2	-0.3	-0.1	0.4			
		065	HANKINSON	HIGHEST MEAN	22.2	28.8	36.9	51.3	63.2	73.5	77.8	75.6	64.6	51.9	38.9	25.2	77.8
				MEDIAN	9.2	13.8	27.1	43.7	57.8	66.4	71.4	69.3	58.1	45.4	27.2	14.9	42.5
LOWEST MEAN	-6.2			-1.7	19.2	36.1	50.4	61.5	63.9	62.8	54.0	42.6	16.6	-0.3	-6.2		
HIGHEST MEAN YEAR	1990			1987	2000	1987	1977	1988	1975	1983	1998	1973	1999	1997	1975		
LOWEST MEAN YEAR	1982			1979	1996	1979	1979	1985	1992	1977	1993	1988	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	1.5			2.0	1.3	0.0	-0.8	-0.6	-0.5	-0.9	-0.6	0.5	0.2	1.2			
MAX OBS TIME ADJUSTMENT	0.3			0.6	0.6	0.6	0.4	0.3	0.1	0.0	-0.1	0.0	0.0	0.3			

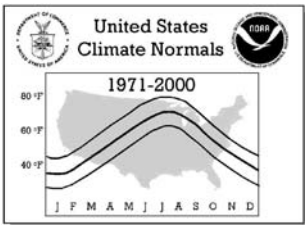


CLIMATOGRAPHY OF THE UNITED STATES NO. 81

Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

NORTH DAKOTA

No.	Station Name	Element	NORMALS STATISTICS														
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL		
066	HANNAH	HIGHEST MEAN	16.0	24.6	33.7	48.8	64.5	71.2	70.5	72.0	60.8	48.6	34.8	22.3	72.0		
		MEDIAN	2.0	9.5	21.6	39.7	55.4	62.5	66.7	65.7	54.8	43.0	24.1	6.7	37.9		
		LOWEST MEAN	-11.3	-6.1	11.3	27.2	46.1	56.6	59.0	58.0	49.4	37.4	11.6	-8.2	-11.3		
		HIGHEST MEAN YEAR	1990	1998	1973	1987	1977	1988	1989	1983	1998	1973	1999	1997	1983		
		LOWEST MEAN YEAR	1982	1979	1974	1979	1979	1985	1992	1977	1974	1976	1985	1983	1982		
		MIN OBS TIME ADJUSTMENT	-1.8	-1.6	-1.3	-1.0	-1.1	-0.8	-0.8	-1.1	-1.2	-1.6	-1.9	-1.7			
		MAX OBS TIME ADJUSTMENT	-2.2	-2.1	-1.6	-2.1	-2.1	-1.0	-1.4	-1.3	-1.7	-1.9	-2.3	-2.2			
		HIGHEST MEAN	13.9	21.9	32.9	48.7	60.9	70.6	69.9	70.3	58.7	46.0	33.1	20.1	70.6		
		MEDIAN	1.2	8.8	21.3	39.2	52.8	61.1	65.4	64.4	53.4	40.5	21.1	6.3	36.4		
		LOWEST MEAN	-15.1	-9.9	11.4	26.7	43.9	55.0	58.0	56.7	46.7	32.7	7.1	-6.6	-15.1		
067	HANSBORO 4 NN	HIGHEST MEAN YEAR	1990	1984	2000	1987	1977	1988	1975	1983	1994	1994	1999	1999	1988		
		LOWEST MEAN YEAR	1982	1979	1996	1979	1974	1985	1992	1977	1974	1976	1985	1983	1982		
		MIN OBS TIME ADJUSTMENT	0.9	0.9	-0.2	-0.7	-1.0	-0.8	-0.8	-1.2	-1.1	-0.8	0.2	0.6			
		MAX OBS TIME ADJUSTMENT	0.6	0.6	0.5	0.4	0.2	0.1	0.0	-0.2	-0.2	0.0	0.0	0.3			
		068	HARVEY	HIGHEST MEAN	24.4	29.2	38.9	55.0	66.3	77.2	75.8	76.6	65.3	51.3	39.4	27.1	77.2
				MEDIAN	9.4	15.6	27.1	43.7	57.5	65.9	71.0	70.0	58.9	46.7	27.4	13.6	43.1
				LOWEST MEAN	-5.8	0.1	17.7	34.8	51.5	60.8	64.4	63.6	54.6	41.9	14.6	0.4	-5.8
				HIGHEST MEAN YEAR	1990	1998	1973	1987	1977	1988	1989	1983	1998	1973	1999	1999	1988
				LOWEST MEAN YEAR	1982	1979	1996	1979	1979	1985	1993	1977	1985	1976	1996	1983	1982
				MIN OBS TIME ADJUSTMENT	-1.9	-1.7	-1.4	-1.1	-1.1	-0.7	-0.8	-1.1	-1.3	-1.7	-1.6	-1.8	
MAX OBS TIME ADJUSTMENT	-2.8			-2.9	-2.3	-2.8	-2.8	-2.0	-1.9	-2.5	-2.5	-2.7	-2.6	-2.7			
069	HEART BUTTE D			HIGHEST MEAN	24.8	30.7	37.9	49.8	62.7	75.6	74.9	74.9	64.4	49.5	40.0	27.3	75.6
				MEDIAN	10.4	20.0	26.9	42.4	54.9	64.4	70.6	69.2	57.0	45.2	27.9	16.1	42.6
				LOWEST MEAN	-3.4	1.6	18.5	34.3	49.5	58.7	62.5	62.5	53.0	40.7	16.2	-1.1	-3.4
		HIGHEST MEAN YEAR	1992	1998	1986	1987	1977	1988	1989	1983	1998	1973	1999	1999	1988		
		LOWEST MEAN YEAR	1982	1979	1996	1975	1979	1985	1993	1977	1993	1976	1985	1983	1982		
		MIN OBS TIME ADJUSTMENT	1.5	1.9	2.0	1.4	0.0	-0.1	-0.1	0.9	0.7	1.3	1.1	1.2			
		MAX OBS TIME ADJUSTMENT	0.5	0.6	0.5	0.5	0.5	0.3	0.2	0.1	0.0	0.0	0.0	0.3			
		070	HEBRON	HIGHEST MEAN	25.2	30.0	37.7	48.5	62.6	75.5	73.6	73.8	62.4	47.6	38.9	27.4	75.5
				MEDIAN	10.6	19.5	26.3	41.5	53.9	62.8	69.0	67.3	55.5	43.3	27.3	15.3	41.5
				LOWEST MEAN	-4.1	1.9	17.0	32.6	48.9	58.1	61.0	60.7	51.0	38.7	14.3	-2.5	-4.1
HIGHEST MEAN YEAR	1992			1998	1986	1987	1977	1988	1989	1983	1998	1973	1999	1997	1988		
LOWEST MEAN YEAR	1982			1979	1996	1975	1974	1993	1992	1977	1984	1991	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	1.6			2.0	1.2	0.0	-0.7	-0.6	-0.6	-0.4	-0.6	0.5	1.2	1.2			
MAX OBS TIME ADJUSTMENT	0.6			0.6	0.5	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.4			
071	HETTINGER			HIGHEST MEAN	28.0	31.2	39.0	48.8	61.5	74.0	73.5	73.9	64.6	48.0	40.7	28.3	74.0
				MEDIAN	14.0	21.8	29.3	42.0	53.1	62.9	69.3	68.3	56.0	44.4	28.6	18.4	42.4
				LOWEST MEAN	-2.5	2.5	19.8	34.2	48.1	57.7	61.0	61.8	51.1	39.0	13.8	-0.9	-2.5
		HIGHEST MEAN YEAR	1992	1999	1986	1987	1977	1988	1974	1983	1998	1973	1999	1999	1988		
		LOWEST MEAN YEAR	1979	1979	1996	1975	1996	1993	1992	1992	1993	1976	1985	1983	1979		
		MIN OBS TIME ADJUSTMENT	1.5	1.9	1.2	0.0	-0.7	-0.5	-0.5	-0.4	-0.6	0.5	1.2	1.3			
		MAX OBS TIME ADJUSTMENT	0.3	0.5	0.5	0.5	0.4	0.3	0.2	0.1	-0.1	0.0	0.0	0.4			
		072	HILLSBORO 3 N	HIGHEST MEAN	21.4	27.5	36.0	51.0	65.3	72.4	74.5	73.9	63.6	49.7	37.2	25.4	74.5
				MEDIAN	6.4	11.0	25.7	41.7	57.0	65.7	70.5	68.5	57.1	44.4	25.8	11.0	40.5
				LOWEST MEAN	-8.9	-4.3	16.8	33.5	49.5	59.1	62.6	62.6	52.5	40.2	15.3	-0.6	-8.9
HIGHEST MEAN YEAR	1990			1987	2000	1987	1977	1988	1983	1984	1998	1973	1999	1997	1983		
LOWEST MEAN YEAR	1982			1979	1996	1979	1979	1982	1992	1977	1993	1976	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	1.5			2.0	2.2	1.5	0.0	-0.1	-0.1	-0.4	0.7	1.2	0.9	1.0			
MAX OBS TIME ADJUSTMENT	0.5			0.6	0.7	0.6	0.5	0.3	0.2	0.0	0.0	0.0	-0.1	0.2			
073	HURDSFIELD 8			HIGHEST MEAN	21.2	25.1	33.4	47.5	60.9	72.3	71.9	71.8	61.1	45.9	36.3	23.7	72.3
				MEDIAN	5.4	11.2	23.5	39.3	52.3	61.4	67.7	66.3	54.2	41.8	24.5	10.0	38.5
				LOWEST MEAN	-10.3	-3.1	14.1	28.8	45.7	55.6	60.9	58.9	49.1	35.5	12.4	-5.6	-10.3
		HIGHEST MEAN YEAR	1990	1998	1986	1987	1977	1988	1989	1983	1998	1973	1999	1997	1988		
		LOWEST MEAN YEAR	1982	1979	1996	1979	1979	1985	1992	1977	1985	1972	1985	1983	1982		
		MIN OBS TIME ADJUSTMENT	1.5	2.0	2.0	1.5	0.0	-0.1	-0.1	0.9	0.7	1.3	1.0	1.1			
		MAX OBS TIME ADJUSTMENT	0.5	0.6	0.6	0.6	0.5	0.3	0.2	0.1	0.0	0.1	0.0	0.3			
		074	JAMESTOWN MUN	HIGHEST MEAN	23.2	28.8	37.4	54.1	64.5	74.9	76.4	76.0	63.7	49.5	37.6	25.8	76.4
				MEDIAN	8.9	16.0	27.2	42.4	55.9	65.2	70.8	69.3	57.5	45.4	26.6	12.9	41.8
				LOWEST MEAN	-6.7	-1.7	19.7	33.8	48.9	59.8	64.5	61.7	53.4	40.0	16.8	-1.4	-6.7
HIGHEST MEAN YEAR	1990			1987	1986	1987	1977	1988	1988	1983	1997	1973	1999	1997	1988		
LOWEST MEAN YEAR	1982			1979	1996	1975	1979	1982	1992	1977	1984	1976	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
MAX OBS TIME ADJUSTMENT	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
075	JAMESTOWN ST			HIGHEST MEAN	21.5	24.8	33.8	49.4	62.7	74.8	75.0	75.3	63.1	48.0	37.2	23.8	75.3
				MEDIAN	6.5	13.1	24.5	40.9	55.2	64.9	70.7	68.5	56.5	43.6	25.0	10.6	40.2
				LOWEST MEAN	-9.0	-3.9	16.9	31.0	47.5	58.6	62.8	61.1	50.6	39.0	13.9	-2.0	-9.0
		HIGHEST MEAN YEAR	1990	1998	2000	1987	1977	1988	1988	1983	1998	1973	1999	1997	1983		
		LOWEST MEAN YEAR	1982	1979	1996	1975	1979	1985	1992	1977	1985	1976	1985	1983	1982		
		MIN OBS TIME ADJUSTMENT	1.4	1.8	2.1	2.3	1.6	1.1	0.8	1.6	1.5	1.2	0.8	0.9			
		MAX OBS TIME ADJUSTMENT	0.5	0.6	0.6	0.6	0.5	0.3	0.1	0.0	0.0	-0.1	-0.1	0.2			

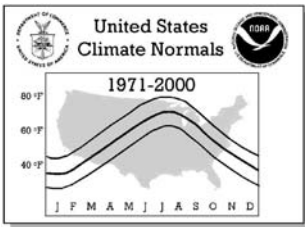


CLIMATOGRAPHY OF THE UNITED STATES NO. 81

Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days 1971-2000

NORTH DAKOTA

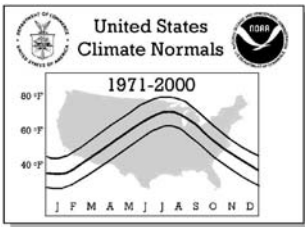
No.	Station Name	Element	NORMALS STATISTICS														
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL		
076	KEENE 3 S	HIGHEST MEAN	24.4	31.1	39.6	53.0	63.5	76.7	74.5	74.8	65.0	49.1	40.1	27.3	76.7		
		MEDIAN	10.4	19.8	28.8	43.8	55.5	63.8	70.0	69.8	57.5	45.9	27.9	14.9	42.6		
		LOWEST MEAN	-5.6	4.0	18.9	32.6	49.2	58.1	61.9	62.4	50.5	41.3	15.5	-1.2	-5.6		
		HIGHEST MEAN YEAR	1992	1998	1986	1987	1977	1988	1974	1983	1998	1974	1999	1999	1988		
		LOWEST MEAN YEAR	1982	1989	1996	1975	1974	1998	1993	1977	1984	1976	1985	1983	1982		
		MIN OBS TIME ADJUSTMENT	-1.9	-1.5	-1.2	-1.0	-1.0	-0.7	-0.8	-1.2	-1.3	-1.5	-1.6	-1.8			
		MAX OBS TIME ADJUSTMENT	-2.7	-2.3	-1.5	-2.1	-1.9	-1.6	-1.6	-2.1	-1.7	-1.8	-2.2	-2.7			
		077	KENMARE 1 WSW	HIGHEST MEAN	22.1	27.2	34.7	48.8	59.3	74.0	72.4	72.0	60.5	46.9	36.0	26.9	74.0
				MEDIAN	7.5	14.9	24.6	41.4	54.3	62.1	67.0	66.2	54.4	42.2	26.4	10.8	39.2
				LOWEST MEAN	-11.4	-3.9	16.0	29.5	44.6	56.2	61.1	56.8	47.8	34.3	11.6	-3.4	-11.4
HIGHEST MEAN YEAR	1992			1998	1973	1987	1980	1988	1989	1983	1998	1994	1999	1997	1988		
LOWEST MEAN YEAR	1982			1979	1975	1979	1974	1985	1993	1977	1984	1976	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	1.5			1.9	1.1	0.0	-0.7	-0.6	-0.7	-0.4	-0.5	0.4	1.2	1.1			
MAX OBS TIME ADJUSTMENT	0.5			0.6	0.6	0.5	0.4	0.3	0.1	0.1	0.0	0.1	0.0	0.3			
080	LA MOURE			HIGHEST MEAN	22.5	28.2	35.9	50.7	62.9	73.9	74.5	71.6	63.6	48.9	37.2	24.3	74.5
				MEDIAN	7.6	13.3	26.9	42.3	56.0	64.5	70.2	68.1	56.9	43.6	26.3	12.4	40.4
				LOWEST MEAN	-6.7	-4.6	17.6	32.4	46.8	58.4	62.8	60.1	50.7	38.0	15.6	-2.1	-6.7
		HIGHEST MEAN YEAR	1990	1987	2000	1987	1988	1988	1988	1973	1998	1973	1999	1999	1988		
		LOWEST MEAN YEAR	1982	1979	1996	1975	1979	1982	1992	1977	1984	1976	1985	1983	1982		
		MIN OBS TIME ADJUSTMENT	1.6	2.0	1.3	0.0	-0.8	-0.6	-0.5	-0.4	-0.6	0.5	1.1	1.2			
		MAX OBS TIME ADJUSTMENT	0.6	0.6	0.6	0.5	0.4	0.3	0.1	0.1	-0.1	0.0	0.0	0.3			
		081	LANGDON EXP F	HIGHEST MEAN	14.3	22.9	31.6	46.7	62.8	71.1	71.2	71.0	59.2	46.3	33.2	22.1	71.2
				MEDIAN	0.6	7.2	19.4	37.7	52.8	61.6	65.8	64.6	53.2	40.0	21.3	5.2	35.9
				LOWEST MEAN	-13.9	-9.1	10.8	26.2	44.4	54.4	58.0	58.0	48.6	34.9	9.7	-6.1	-13.9
HIGHEST MEAN YEAR	1990			1998	2000	1987	1977	1988	1989	1983	1998	1973	1999	1997	1989		
LOWEST MEAN YEAR	1982			1979	1996	1979	1979	1982	1992	1977	1984	1991	1996	1983	1982		
MIN OBS TIME ADJUSTMENT	1.6			1.9	1.2	0.0	-0.7	-0.7	-0.6	-1.0	-0.6	0.4	1.0	1.1			
MAX OBS TIME ADJUSTMENT	0.6			0.6	0.6	0.6	0.4	0.2	0.1	0.0	0.0	0.1	-0.1	0.3			
082	LARIMORE			HIGHEST MEAN	18.5	25.6	34.7	48.4	64.7	71.2	72.3	72.8	62.2	49.2	38.3	24.7	72.8
				MEDIAN	5.6	11.5	22.8	39.6	55.3	64.1	68.6	66.7	55.2	42.8	24.6	10.6	39.3
				LOWEST MEAN	-9.2	-4.8	14.0	30.3	47.0	57.6	60.6	59.6	50.8	37.6	13.3	-2.3	-9.2
		HIGHEST MEAN YEAR	1990	1998	2000	1987	1977	1988	1975	1983	1998	1973	1981	1997	1983		
		LOWEST MEAN YEAR	1982	1979	1996	1979	1979	1985	1992	1977	1993	1991	1985	1983	1982		
		MIN OBS TIME ADJUSTMENT	1.5	2.0	2.1	1.5	0.0	-0.1	-0.2	-0.4	0.7	1.2	0.9	1.1			
		MAX OBS TIME ADJUSTMENT	0.5	0.6	0.6	0.6	0.5	0.3	0.2	0.1	0.0	0.0	-0.1	0.2			
		083	LEEDS	HIGHEST MEAN	19.5	24.3	34.2	47.2	61.1	72.5	72.8	70.3	59.2	47.6	35.3	24.2	72.8
				MEDIAN	3.7	9.7	21.1	38.8	53.5	62.3	67.0	66.0	54.0	42.0	24.5	8.9	38.1
				LOWEST MEAN	-12.1	-6.1	14.2	27.0	45.5	55.8	61.4	57.8	48.8	37.0	12.1	-4.8	-12.1
HIGHEST MEAN YEAR	1990			1998	1973	1987	1977	1988	1989	1983	1998	1973	1999	1997	1989		
LOWEST MEAN YEAR	1982			1979	1980	1979	1979	1985	1992	1977	1984	1976	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	1.5			2.0	2.1	1.5	0.0	-0.1	-0.1	0.8	0.7	1.2	0.9	1.1			
MAX OBS TIME ADJUSTMENT	0.5			0.6	0.6	0.6	0.5	0.3	0.2	0.0	0.0	0.0	-0.1	0.2			
084	LINTON			HIGHEST MEAN	22.6	30.4	37.4	51.7	65.1	76.6	76.5	77.2	64.8	48.8	35.9	25.9	77.2
				MEDIAN	9.8	18.5	28.8	43.6	55.7	65.2	71.5	69.6	58.0	44.9	27.3	16.1	42.6
				LOWEST MEAN	-5.4	1.6	19.9	35.7	51.4	58.0	62.9	64.2	50.9	40.0	15.4	-2.5	-5.4
		HIGHEST MEAN YEAR	1987	1998	1986	1977	1977	1988	1974	1983	1978	1973	1987	1997	1983		
		LOWEST MEAN YEAR	1982	1979	1996	1975	1979	1985	1992	1977	1984	1976	1985	1983	1982		
		MIN OBS TIME ADJUSTMENT	-1.2	-1.2	-0.9	-0.8	-0.8	-0.5	-0.5	-0.9	-0.8	-1.0	-1.1	-1.2			
		MAX OBS TIME ADJUSTMENT	-0.7	-0.6	-0.4	-0.4	-0.3	-0.3	-0.3	-0.5	-0.5	-0.5	-0.6	-0.7			
		085	LISBON	HIGHEST MEAN	22.7	27.7	35.9	49.1	63.6	73.9	75.4	76.0	63.9	49.4	38.4	26.8	76.0
				MEDIAN	7.1	13.5	24.8	42.1	56.0	65.1	70.5	69.1	57.5	44.5	27.0	11.8	40.8
				LOWEST MEAN	-8.0	-3.2	18.0	33.2	47.5	60.5	63.8	63.0	51.9	39.3	15.9	-2.4	-8.0
HIGHEST MEAN YEAR	1990			1987	2000	1987	1977	1988	1983	1983	1998	1973	1999	1999	1983		
LOWEST MEAN YEAR	1982			1979	1996	1979	1979	1982	1992	1977	1975	1976	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	1.5			1.9	2.2	1.5	0.0	-0.1	-0.1	-0.4	0.8	1.3	1.0	1.1			
MAX OBS TIME ADJUSTMENT	0.5			0.6	0.6	0.6	0.5	0.3	0.1	0.0	0.0	0.0	-0.1	0.3			
088	MANDAN EXPERI			HIGHEST MEAN	24.7	29.5	37.4	50.6	64.2	75.8	75.3	73.6	63.8	48.7	39.2	28.1	75.8
				MEDIAN	8.5	18.0	26.7	42.8	55.2	64.2	70.8	69.6	56.8	44.6	27.8	15.2	42.3
				LOWEST MEAN	-5.2	-0.8	18.6	33.7	49.5	59.1	62.7	62.4	52.3	40.0	15.5	-2.2	-5.2
		HIGHEST MEAN YEAR	1990	1998	1986	1987	1977	1988	1989	1983	1998	1973	1999	1997	1988		
		LOWEST MEAN YEAR	1982	1979	1996	1975	1979	1985	1992	1977	1984	1976	1985	1983	1982		
		MIN OBS TIME ADJUSTMENT	1.6	2.1	1.2	0.0	-0.7	-0.5	-0.6	-0.4	-0.6	0.5	1.2	1.3			
		MAX OBS TIME ADJUSTMENT	0.6	0.6	0.5	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.4			
		090	MAX	HIGHEST MEAN	21.9	26.7	35.8	48.9	62.9	74.4	74.2	73.1	61.1	47.6	36.5	23.8	74.4
				MEDIAN	6.1	14.1	25.7	40.5	54.1	63.2	68.4	67.2	54.8	42.3	25.2	11.8	39.9
				LOWEST MEAN	-9.8	-2.2	16.7	29.8	46.5	56.1	61.4	60.0	49.8	37.0	13.9	-2.6	-9.8
HIGHEST MEAN YEAR	1990			1984	1973	1987	1977	1988	1974	1983	1998	1973	1999	1987	1988		
LOWEST MEAN YEAR	1982			1979	1998	1979	1979	1985	1993	1977	1985	1991	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	1.5			1.9	2.0	1.5	0.0	-0.1	-0.2	0.9	0.7	1.2	1.1	1.2			
MAX OBS TIME ADJUSTMENT	0.5			0.6	0.6	0.6	0.5	0.3	0.2	0.1	0.0	0.0	0.0	0.3			



CLIMATOGRAPHY OF THE UNITED STATES NO. 81
 Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days
1971-2000

NORTH DAKOTA

No.	Station Name	Element	NORMALS STATISTICS												
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
091	MAYVILLE	HIGHEST MEAN	21.5	27.4	37.2	53.0	65.4	73.9	75.0	73.0	64.7	50.1	38.2	24.8	75.0
		MEDIAN	6.4	13.1	26.9	43.4	57.7	65.6	70.0	68.6	57.5	46.0	26.1	11.3	41.4
		LOWEST MEAN	-8.8	-3.8	17.7	33.5	49.1	59.2	63.6	61.8	53.5	40.7	15.6	-3.1	-8.8
		HIGHEST MEAN YEAR	1990	1998	2000	1987	1977	1988	1989	1983	1998	1973	1999	1997	1989
		LOWEST MEAN YEAR	1982	1979	1975	1979	1979	1982	1992	1977	1985	1976	1985	1983	1982
		MIN OBS TIME ADJUSTMENT	-1.8	-1.6	-1.4	-1.0	-1.1	-0.7	-0.7	-1.0	-1.2	-1.5	-1.5	-1.6	
		MAX OBS TIME ADJUSTMENT	-2.2	-2.3	-1.7	-2.1	-2.1	-1.6	-1.4	-1.3	-1.7	-1.8	-2.1	-2.1	
092	MC CLUSKY	HIGHEST MEAN	23.8	28.8	38.4	51.1	65.5	76.9	75.1	76.0	64.5	49.3	38.9	26.2	76.9
		MEDIAN	9.1	16.4	27.4	43.5	56.8	65.7	71.0	69.4	58.0	45.5	27.0	13.7	42.5
		LOWEST MEAN	-6.9	-0.3	19.0	33.1	50.0	60.1	63.6	63.2	53.8	40.4	14.7	-2.0	-6.9
		HIGHEST MEAN YEAR	1990	1998	1986	1987	1977	1988	1989	1983	1998	1973	1999	1997	1988
		LOWEST MEAN YEAR	1982	1979	1996	1979	1979	1985	1993	1977	1984	1976	1985	1983	1982
		MIN OBS TIME ADJUSTMENT	-1.7	-1.5	-1.2	-1.0	-1.0	-0.7	-0.7	-1.1	-1.1	-1.4	-1.5	-1.6	
		MAX OBS TIME ADJUSTMENT	-1.4	-1.6	-0.9	-1.2	-1.2	-1.0	-0.9	-1.4	-1.0	-1.1	-1.4	-1.5	
093	MC HENRY 3 W	HIGHEST MEAN	21.9	26.0	34.7	49.4	64.5	73.6	74.3	74.0	63.2	47.6	36.8	23.5	74.3
		MEDIAN	4.8	11.4	23.4	41.4	55.6	63.5	69.3	67.9	56.2	43.9	24.6	9.1	39.8
		LOWEST MEAN	-11.5	-3.8	15.6	31.0	47.5	57.8	63.2	60.9	52.2	38.0	13.1	-3.9	-11.5
		HIGHEST MEAN YEAR	1990	1998	2000	1987	1977	1988	1989	1983	1998	1973	1999	1997	1989
		LOWEST MEAN YEAR	1982	1979	1996	1979	1979	1982	1992	1977	1972	1976	1996	1983	1982
		MIN OBS TIME ADJUSTMENT	-0.5	-0.4	-0.9	-0.9	-1.1	-0.7	-0.8	-1.2	-1.4	-1.5	-0.9	-0.6	
		MAX OBS TIME ADJUSTMENT	0.4	0.5	0.3	0.0	-0.3	0.0	-0.3	-0.6	-0.6	-0.3	-0.1	0.2	
094	MC LEOD 3 E	HIGHEST MEAN	20.5	25.8	36.5	50.5	64.9	73.7	75.0	74.2	64.5	50.2	36.6	22.4	75.0
		MEDIAN	5.8	11.0	25.5	42.4	56.7	66.3	70.8	69.7	58.2	44.6	25.6	10.6	41.0
		LOWEST MEAN	-9.8	-3.4	17.2	33.6	50.3	60.2	64.4	63.4	53.1	40.7	14.7	-3.7	-9.8
		HIGHEST MEAN YEAR	1990	1987	2000	1987	1977	1988	1975	1983	1978	1973	1999	1979	1975
		LOWEST MEAN YEAR	1982	1979	1975	1975	1979	1982	1992	1977	1985	1976	1985	1983	1982
		MIN OBS TIME ADJUSTMENT	1.6	2.0	1.3	0.0	-0.8	-0.6	-0.5	-0.9	-0.6	0.5	1.0	1.1	
		MAX OBS TIME ADJUSTMENT	0.6	0.6	0.6	0.6	0.4	0.3	0.1	0.0	-0.1	0.0	-0.1	0.3	
095	MC VILLE	HIGHEST MEAN	19.7	25.5	34.8	49.7	65.2	74.4	75.2	76.3	63.9	49.4	35.8	22.8	76.3
		MEDIAN	4.4	11.1	23.1	41.5	56.3	65.1	70.1	68.3	56.7	43.6	24.6	8.8	40.1
		LOWEST MEAN	-11.0	-3.4	16.5	31.3	48.5	58.1	61.7	61.0	51.4	36.9	11.8	-4.0	-11.0
		HIGHEST MEAN YEAR	1990	1998	2000	1977	1977	1988	1989	1983	1978	1973	1999	1997	1983
		LOWEST MEAN YEAR	1982	1979	1989	1979	1979	1982	1992	1977	1985	1991	1985	1983	1982
		MIN OBS TIME ADJUSTMENT	-1.8	-1.6	-1.3	-1.0	-1.1	-0.7	-0.7	-1.0	-1.2	-1.5	-1.5	-1.6	
		MAX OBS TIME ADJUSTMENT	-2.2	-2.3	-1.6	-2.1	-2.1	-1.6	-1.4	-1.3	-1.7	-1.8	-2.1	-2.1	
097	MEDORA	HIGHEST MEAN	29.2	33.9	42.0	51.6	62.7	77.3	75.9	77.1	65.6	50.8	40.1	28.8	77.3
		MEDIAN	15.5	25.2	32.2	44.7	55.7	64.9	71.5	70.6	57.8	46.9	30.9	19.9	44.6
		LOWEST MEAN	0.7	7.7	21.9	36.1	50.8	54.9	63.4	63.0	52.6	42.4	16.8	1.2	0.7
		HIGHEST MEAN YEAR	1992	1992	1986	1987	1977	1988	1989	1983	1998	1973	1999	1979	1988
		LOWEST MEAN YEAR	1982	1979	1996	1975	1996	1998	1993	1977	1984	1976	1985	1983	1982
		MIN OBS TIME ADJUSTMENT	-1.8	-1.6	-1.1	-1.0	-1.0	-0.7	-0.9	-1.2	-1.5	-1.7	-1.8	-1.8	
		MAX OBS TIME ADJUSTMENT	-1.5	-2.0	-1.9	-2.6	-2.8	-2.0	-2.3	-2.5	-2.8	-2.9	-2.3	-1.6	
098	MINOT AP	HIGHEST MEAN	24.6	29.0	37.1	51.9	62.8	75.4	74.4	74.5	63.2	48.7	39.6	28.8	75.4
		MEDIAN	9.4	17.5	27.3	42.6	55.6	64.1	69.9	68.9	56.5	45.0	27.2	13.6	41.8
		LOWEST MEAN	-7.1	1.3	19.4	33.3	48.1	58.9	62.5	61.6	51.2	39.6	13.2	-0.9	-7.1
		HIGHEST MEAN YEAR	1990	1998	1986	1987	1977	1988	1975	1983	1998	1973	1999	1997	1988
		LOWEST MEAN YEAR	1982	1979	1996	1979	1979	1993	1993	1977	1985	1972	1985	1983	1982
		MIN OBS TIME ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
		MAX OBS TIME ADJUSTMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
099	MINOT EXPERIM	HIGHEST MEAN	22.0	26.9	36.2	50.0	63.9	75.0	73.4	72.9	61.1	48.2	37.8	26.0	75.0
		MEDIAN	7.2	14.6	25.4	41.2	55.1	64.0	68.7	67.5	55.2	43.1	25.9	12.6	40.5
		LOWEST MEAN	-10.1	-1.6	16.4	30.8	48.1	57.6	61.3	60.8	49.8	38.2	12.9	-3.7	-10.1
		HIGHEST MEAN YEAR	1990	1998	1986	1987	1977	1988	1975	1983	1998	1973	1999	1997	1988
		LOWEST MEAN YEAR	1982	1979	1996	1979	1979	1985	1993	1977	1984	1991	1985	1983	1982
		MIN OBS TIME ADJUSTMENT	1.5	2.0	1.1	0.0	-0.7	-0.6	-0.7	-0.4	-0.6	0.4	1.2	1.2	
		MAX OBS TIME ADJUSTMENT	0.5	0.6	0.6	0.5	0.4	0.3	0.1	0.1	0.0	0.1	0.0	0.4	
100	MOFFIT 3 SE	HIGHEST MEAN	23.9	30.2	39.0	52.9	64.8	77.7	76.7	76.0	65.7	50.1	39.6	26.4	77.7
		MEDIAN	9.7	17.7	27.7	43.8	56.7	65.6	71.8	70.3	58.9	46.4	27.9	15.8	43.1
		LOWEST MEAN	-5.3	0.9	20.8	34.6	50.5	61.2	64.5	61.9	54.4	38.9	16.4	-2.7	-5.3
		HIGHEST MEAN YEAR	1990	1998	1986	1987	1977	1988	1989	1983	1998	2000	1999	1997	1988
		LOWEST MEAN YEAR	1979	1979	1996	1975	1979	1985	1992	1977	1984	1976	1985	1983	1979
		MIN OBS TIME ADJUSTMENT	-1.9	-1.6	-1.1	-1.1	-1.0	-0.7	-0.6	-1.2	-1.4	-1.6	-1.7	-1.8	
		MAX OBS TIME ADJUSTMENT	-2.8	-2.8	-2.4	-2.8	-2.7	-2.0	-1.8	-2.6	-2.6	-2.9	-2.8	-2.8	
101	MOHALL	HIGHEST MEAN	20.8	27.0	34.7	48.5	61.5	72.7	71.3	71.1	61.7	45.5	38.8	26.7	72.7
		MEDIAN	6.1	13.2	24.7	39.2	53.1	61.7	66.5	66.5	53.9	42.0	24.9	9.7	38.5
		LOWEST MEAN	-13.1	-4.6	14.4	29.5	44.1	55.2	59.9	58.5	47.4	36.5	11.9	-4.4	-13.1
		HIGHEST MEAN YEAR	1990	1998	2000	1987	1977	1988	1989	1983	1998	1994	1999	1999	1988
		LOWEST MEAN YEAR	1982	1979	1996	1979	1979	1985	1993	1977	1972	1976	1985	1983	1982
		MIN OBS TIME ADJUSTMENT	1.1	1.6	1.9	2.4	1.5	1.3	1.0	1.7	1.5	1.1	0.9	0.8	
		MAX OBS TIME ADJUSTMENT	0.4	0.6	0.6	0.6	0.5	0.3	0.2	0.1	0.0	0.0	-0.1	0.1	



CLIMATOGRAPHY OF THE UNITED STATES NO. 81
 Monthly Normals of Temperature, Precipitation, and Heating and Cooling Degree Days
1971-2000

NORTH DAKOTA

No.	Station Name	Element	NORMALS STATISTICS														
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL		
103	MOTT	HIGHEST MEAN	26.9	31.5	39.2	48.3	61.8	73.5	74.4	74.5	64.9	47.3	39.4	26.9	74.5		
		MEDIAN	11.8	21.2	27.9	41.9	53.7	63.4	70.1	68.8	56.2	43.9	27.3	17.4	42.1		
		LOWEST MEAN	-3.9	1.9	19.1	33.0	49.2	58.7	62.0	60.3	51.2	38.8	15.3	-1.5	-3.9		
		HIGHEST MEAN YEAR	1992	1984	1986	1987	1977	1988	1989	1983	1998	1997	1999	1999	1983		
		LOWEST MEAN YEAR	1978	1979	1996	1975	1996	1993	1993	1977	1993	1976	1985	1983	1978		
		MIN OBS TIME ADJUSTMENT	1.5	1.9	2.0	1.4	0.0	0.0	-0.1	0.8	0.8	1.3	1.1	1.2			
		MAX OBS TIME ADJUSTMENT	0.5	0.6	0.5	0.5	0.4	0.3	0.2	0.0	-0.1	0.0	0.0	0.3			
		104	NAPOLEON	HIGHEST MEAN	22.3	27.5	36.0	50.1	62.9	73.6	74.1	74.6	63.1	48.2	39.1	24.2	74.6
				MEDIAN	7.4	15.1	25.8	41.6	54.6	63.7	70.1	68.6	57.1	44.0	26.1	13.4	41.4
				LOWEST MEAN	-7.2	-1.0	17.3	31.6	48.1	57.6	61.3	61.3	51.6	38.5	15.3	-2.9	-7.2
HIGHEST MEAN YEAR	1990			1998	1973	1977	1977	1988	1989	1983	1998	1973	1999	1997	1983		
LOWEST MEAN YEAR	1982			1979	1996	1975	1979	1985	1992	1977	1993	1976	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	1.6			2.0	1.3	0.0	-0.7	-0.5	-0.6	-0.4	-0.6	0.5	1.1	1.2			
MAX OBS TIME ADJUSTMENT	0.6			0.6	0.5	0.5	0.4	0.3	0.1	0.1	-0.1	0.0	0.0	0.4			
105	NEW ENGLAND			HIGHEST MEAN	27.8	32.7	40.1	51.3	61.9	77.0	74.5	74.9	63.8	47.7	40.0	28.1	77.0
				MEDIAN	14.2	23.5	29.8	43.2	55.1	63.8	69.9	68.8	56.9	44.9	28.8	18.6	43.1
				LOWEST MEAN	-0.2	4.0	19.6	34.3	49.5	58.6	62.1	62.3	51.4	41.1	14.2	-0.3	-0.3
		HIGHEST MEAN YEAR	1992	1984	1986	1987	1977	1988	1989	1983	1998	1973	1999	1979	1988		
		LOWEST MEAN YEAR	1979	1979	1996	1975	1996	1998	1993	1974	1984	1972	1985	1983	1983		
		MIN OBS TIME ADJUSTMENT	-1.6	-1.3	-1.0	-0.9	-0.9	-0.7	-0.7	-1.0	-1.0	-1.2	-1.3	-1.4			
		MAX OBS TIME ADJUSTMENT	-1.4	-0.9	-0.7	-0.7	-0.6	-0.6	-0.5	-0.8	-0.6	-0.8	-0.9	-1.0			
		106	NEW SALEM 5 N	HIGHEST MEAN	21.9	30.1	37.2	50.8	62.5	75.6	74.7	74.8	63.4	47.3	39.1	26.3	75.6
				MEDIAN	8.2	17.5	25.6	41.3	54.1	63.4	69.9	68.3	57.2	43.9	25.9	13.7	41.2
				LOWEST MEAN	-7.4	1.0	18.1	32.0	49.1	58.8	61.5	61.5	51.8	37.7	12.1	-3.4	-7.4
HIGHEST MEAN YEAR	1992			1998	1986	1987	1977	1988	1989	1983	1998	2000	1999	1997	1988		
LOWEST MEAN YEAR	1982			1979	1996	1975	1979	1993	1992	1974	1985	1991	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	1.6			2.0	1.2	0.0	-0.7	-0.5	-0.6	-0.4	-0.6	0.5	1.1	1.3			
MAX OBS TIME ADJUSTMENT	0.6			0.6	0.5	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.4			
107	OAKES 2 S			HIGHEST MEAN	22.5	27.6	36.3	51.2	65.0	75.1	75.7	75.7	64.1	50.3	37.0	24.0	75.7
				MEDIAN	8.2	13.1	26.8	42.5	56.8	65.2	71.2	69.3	57.8	44.5	26.6	13.0	41.9
				LOWEST MEAN	-6.5	-0.9	18.3	34.2	49.3	60.3	63.7	63.7	52.5	39.9	15.1	-1.6	-6.5
		HIGHEST MEAN YEAR	1990	1987	1973	1987	1977	1988	1989	1983	1998	1973	1999	1999	1989		
		LOWEST MEAN YEAR	1982	1979	1996	1975	1979	1982	1992	1992	1993	1976	1985	1983	1982		
		MIN OBS TIME ADJUSTMENT	1.5	2.0	1.3	0.0	-0.7	-0.6	-0.5	-0.4	-0.6	0.5	1.0	1.2			
		MAX OBS TIME ADJUSTMENT	0.3	0.6	0.6	0.6	0.4	0.3	0.1	0.0	-0.1	0.0	0.0	0.3			
		108	PARK RIVER	HIGHEST MEAN	18.9	27.4	36.1	50.1	65.5	72.1	74.2	74.9	63.3	50.1	37.5	26.0	74.9
				MEDIAN	5.0	12.2	24.6	41.9	56.6	65.4	69.4	68.1	57.2	44.6	25.5	10.3	40.7
				LOWEST MEAN	-8.7	-3.4	15.7	32.0	48.0	58.4	62.0	61.6	51.9	38.2	13.1	-0.2	-8.7
HIGHEST MEAN YEAR	1990			1998	2000	1987	1977	1988	1989	1983	1998	1973	1999	1997	1983		
LOWEST MEAN YEAR	1982			1979	1996	1979	1979	1982	1992	1977	1985	1991	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	-1.5			-1.4	-1.1	-0.9	-0.9	-0.5	-0.6	-0.8	-1.0	-1.2	-1.2	-1.3			
MAX OBS TIME ADJUSTMENT	-0.9			-0.9	-0.5	-0.6	-0.6	-0.3	-0.5	-0.4	-0.6	-0.7	-0.8	-0.9			
109	PEMBINA			HIGHEST MEAN	13.4	24.3	34.1	47.2	65.3	71.0	72.5	71.6	59.4	48.4	34.0	24.4	72.5
				MEDIAN	0.4	7.0	22.6	39.9	55.0	62.8	67.0	65.7	54.4	41.1	23.8	7.1	37.4
				LOWEST MEAN	-12.3	-8.1	11.7	30.2	46.5	55.3	59.2	58.1	49.3	35.1	11.6	-4.7	-12.3
		HIGHEST MEAN YEAR	1990	1998	1973	1987	1977	1988	1974	1983	1998	1973	1999	1997	1974		
		LOWEST MEAN YEAR	1982	1979	1996	1979	1979	1982	1992	1977	1984	1991	1985	1983	1982		
		MIN OBS TIME ADJUSTMENT	1.6	1.9	1.2	0.0	-0.8	-0.8	-0.6	-1.0	-0.6	0.4	1.1	1.1			
		MAX OBS TIME ADJUSTMENT	0.6	0.6	0.6	0.6	0.4	0.1	0.1	0.0	0.0	0.1	0.2	0.3			
		110	PETERSBURG 2	HIGHEST MEAN	17.7	24.3	33.3	48.1	63.0	70.2	70.9	71.4	61.8	47.4	35.1	22.6	71.4
				MEDIAN	1.8	7.9	21.0	39.9	54.6	63.2	67.1	65.7	54.8	41.5	23.1	7.2	37.8
				LOWEST MEAN	-12.7	-6.4	13.1	28.8	45.5	55.6	60.5	58.8	49.6	36.6	11.7	-5.0	-12.7
HIGHEST MEAN YEAR	1990			1998	2000	1987	1977	1988	1983	1983	1998	1973	1999	1997	1983		
LOWEST MEAN YEAR	1982			1979	1996	1979	1979	1982	1992	1977	1984	1976	1996	1983	1982		
MIN OBS TIME ADJUSTMENT	1.6			2.0	1.2	0.0	-0.7	-0.6	-0.6	-0.9	-0.6	0.4	1.0	1.1			
MAX OBS TIME ADJUSTMENT	0.6			0.6	0.6	0.6	0.4	0.3	0.1	0.0	0.0	0.1	-0.1	0.3			
111	PETTIBONE			HIGHEST MEAN	21.7	26.4	36.0	50.8	65.4	75.6	75.7	75.3	64.8	49.8	37.8	23.7	75.7
				MEDIAN	6.7	13.4	25.1	42.6	55.9	65.0	71.0	70.0	58.1	44.7	26.0	12.5	41.4
				LOWEST MEAN	-6.9	-0.7	17.0	34.9	47.1	59.9	63.1	63.3	53.0	37.1	14.3	-4.8	-6.9
		HIGHEST MEAN YEAR	1990	1998	1973	1987	1977	1988	1988	1983	1998	1973	1999	1979	1988		
		LOWEST MEAN YEAR	1982	1979	1996	1997	1979	1993	1993	1977	1985	1976	1985	1983	1982		
		MIN OBS TIME ADJUSTMENT	-1.8	-1.6	-1.1	-1.0	-1.1	-0.7	-0.7	-1.1	-1.2	-1.6	-1.6	-1.7			
		MAX OBS TIME ADJUSTMENT	-2.2	-2.4	-1.9	-2.2	-2.0	-1.5	-1.4	-2.1	-1.7	-1.8	-2.1	-2.2			
		112	POWERS LAKE 1	HIGHEST MEAN	19.6	25.6	35.9	51.0	61.0	72.7	71.9	73.0	60.5	45.5	34.5	22.8	73.0
				MEDIAN	4.2	12.8	24.8	39.7	53.5	61.6	66.9	65.6	54.0	41.8	24.8	11.0	38.5
				LOWEST MEAN	-11.6	-2.6	13.2	29.7	45.8	55.9	59.5	58.8	48.2	36.9	12.1	-5.9	-11.6
HIGHEST MEAN YEAR	1990			1984	1986	1987	1977	1988	1989	1983	1990	1977	1981	1997	1983		
LOWEST MEAN YEAR	1982			1994	1996	1979	1979	1985	1993	1977	1972	1991	1985	1983	1982		
MIN OBS TIME ADJUSTMENT	1.6			1.0	-0.2	-0.7	-0.9	-0.8	-0.8	-1.0	-1.2	-0.8	0.2	1.2			
MAX OBS TIME ADJUSTMENT	0.6			0.6	0.5	0.4	0.2	0.1	0.0	0.0	-0.2	0.0	0.0	0.4			

