

# NORMALS, MEANS, AND EXTREMES

## FARGO, ND (FAR)

LATITUDE: 46° 55' 31" N      LONGITUDE: 96° 48' 40" W      ELEVATION (FT): GRND: 908      BARO: 911      TIME ZONE: CENTRAL (UTC + 6)      WBAN: 14914

ELEMENT		POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	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 DAILY MAXIMUM	58	15.3	21.8	34.2	53.7	68.3	77.0	82.3	81.3	70.4	56.9	36.5	21.5	51.6
	HIGHEST DAILY MAXIMUM	53	52	66	78	100	98	100	106	106	102	93	74	57	106
	YEAR OF OCCURRENCE		1981	1958	1967	1980	1964	1995	1988	1976	1959	1963	1990	1962	JUL 1988
	MEAN OF EXTREME MAXS.	58	37.4	41.5	54.7	78.6	87.9	92.0	94.8	95.0	89.9	79.3	58.9	41.9	71.0
	NORMAL DAILY MINIMUM	30	-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
	MEAN DAILY MINIMUM	58	-3.2	3.5	16.7	32.1	44.0	54.2	58.9	57.0	46.7	35.1	19.7	5.1	30.8
	LOWEST DAILY MINIMUM	53	-3.6	-3.9	-2.3	-7	20	30	36	33	19	7	-24	-32	-39
	YEAR OF OCCURRENCE		2004	1996	1980	1975	2005	1969	1967	1982	1965	1976	1985	1967	FEB 1996
	MEAN OF EXTREME MINS.	58	-25.2	-20.8	-8.5	14.9	27.0	39.8	46.1	43.1	30.3	19.1	-1.5	-18.3	12.2
	NORMAL DRY BULB	30	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
	MEAN DRY BULB	58	6.0	12.7	25.4	42.7	56.0	65.5	70.6	69.2	58.4	45.9	28.1	13.3	41.1
	MEAN WET BULB	18	9.2	14.6	25.6	38.2	49.7	59.3	63.6	61.9	53.0	40.6	24.5	13.7	37.8
	MEAN DEW POINT	18	4.6	10.3	20.7	30.0	41.5	53.8	59.2	57.0	47.4	34.2	20.1	9.6	32.4
NORMAL NO. DAYS WITH:															
MAXIMUM ≥ 90°	30	0.0	0.0	0.0	0.2	0.8	2.3	4.5	4.5	1.2	0.1	0.0	0.0	13.6	
MAXIMUM ≤ 32°	30	27.1	20.2	11.3	1.0	0.0	0.0	0.0	0.0	0.0	0.6	12.8	24.4	97.4	
MINIMUM ≤ 32°	30	31.0	27.8	27.0	16.0	3.0	0.0	0.0	0.0	1.7	12.9	27.2	30.9	177.5	
MINIMUM ≤ 0°	30	17.5	11.1	3.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	2.2	12.8	47.6	
H/C	NORMAL HEATING DEG. DAYS	30	1808	1441	1185	652	271	73	17	37	245	614	1137	1612	9092
	NORMAL COOLING DEG. DAYS	30	0	0	0	3	33	104	191	162	38	2	0	0	533
RH	NORMAL (PERCENT)	30	76	77	76	63	59	66	68	67	68	68	76	77	70
	HOUR 00 LST	30	77	79	81	71	67	75	79	77	76	74	79	79	76
	HOUR 06 LST	30	77	79	83	78	76	82	86	86	84	80	82	79	81
	HOUR 12 LST	30	74	74	71	54	49	55	56	55	56	59	71	74	62
	HOUR 18 LST	30	76	76	71	51	45	51	52	51	54	60	74	77	62
S	PERCENT POSSIBLE SUNSHINE	54	50	56	58	60	61	62	71	69	60	54	40	43	57
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG (VISBY ≤ 1/4 MI)	63	1.1	1.7	2.0	0.7	0.4	0.7	0.8	1.1	0.9	1.0	1.5	2.0	13.9
	THUNDERSTORMS	63	0.0	0.0	0.2	1.2	3.4	6.8	7.6	6.6	2.9	0.9	0.1	0.0	29.7
CLOUDINESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)	1			6.4			4.8							
	MIDNIGHT-MIDNIGHT (OKTAS)	1			5.6										
	MEAN NO. DAYS WITH:														
CLEAR	1	2.0	2.0	7.0		3.0	9.0								
PARTLY CLOUDY	1		1.0	3.0		3.0	5.0								
CLOUDY	1	1.0	4.0	12.0		7.0	5.0								
PR	MEAN STATION PRESSURE (IN)	33	29.10	29.09	29.01	29.00	28.99	28.90	29.00	29.00	29.00	29.00	29.01	29.11	29.02
	MEAN SEA-LEVEL PRES. (IN)	20	30.13	30.14	30.08	29.97	29.91	29.97	29.93	29.97	29.98	29.99	30.05	30.10	30.02
WINDS	MEAN SPEED (MPH)	50	12.6	12.5	13.0	13.7	12.8	11.8	10.3	10.8	11.7	12.7	12.7	12.4	12.2
	PREVAIL. DIR (TENS OF DEGS)	34	35	16	34	35	16	16	16	16	16	16	16	16	16
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	10	49	51	49	49	51	43	74	51	40	49	47	43	74
	DIR. (TENS OF DEGS)		34	33	34	32	18	24	33	34	30	33	31	32	33
	YEAR OF OCCURRENCE		1996	1996	1999	2000	2004	2000	1999	2001	2005	1996	1999	2004	JUL 1999
	MAXIMUM 5-SECOND:														
SPEED (MPH)	10	56	58	55	59	63	54	91	58	48	61	56	52	91	
DIR. (TENS OF DEGS)		34	28	34	32	18	13	34	34	34	33	30	16	34	
YEAR OF OCCURRENCE		1997	2002	1999	2000	2004	2000	1999	2001	2004	1996	1999	1996	JUL 1999	
PRECIPITATION	NORMAL (IN)	30	0.76	0.59	1.17	1.37	2.61	3.51	2.88	2.52	2.18	1.97	1.06	0.57	21.19
	MAXIMUM MONTHLY (IN)	64	1.85	1.74	2.62	5.28	7.34	11.72	8.42	8.52	6.50	7.03	4.58	2.19	11.72
	YEAR OF OCCURRENCE		1989	1979	1995	1986	1998	2000	1952	1944	1999	1982	1977	1951	JUN 2000
	MINIMUM MONTHLY (IN)	64	0.09	0.03	0.03	0.01	0.46	0.58	0.42	0.18	0.13	0.05	0.02	0.04	0.01
	YEAR OF OCCURRENCE		1961	1954	1958	1988	1976	1972	1950	1984	1974	1986	1999	1958	APR 1988
	MAXIMUM IN 24 HOURS (IN)	64	1.19	1.22	1.16	1.91	4.10	4.64	5.10	4.72	3.97	3.22	1.99	0.87	5.10
	YEAR OF OCCURRENCE		1996	1946	1950	1963	1977	2000	1993	1943	1957	1982	1977	1960	JUL 1993
	NORMAL NO. DAYS WITH:														
PRECIPITATION ≥ 0.01	30	9.3	7.3	8.2	8.0	9.8	11.0	9.9	9.2	7.8	7.3	6.7	8.0	102.5	
PRECIPITATION ≥ 1.00	30	0.0	0.0	*	0.2	0.6	0.8	0.7	0.6	0.6	0.3	0.1	0.0	3.9	
SNOWFALL	NORMAL (IN)	30	12.5	7.0	8.7	2.3	0.*	0.0	0.0	0.0	0.*	0.6	7.7	7.9	46.7
	MAXIMUM MONTHLY (IN)	64	31.5	19.5	26.2	12.8	1.0	T	T	T	0.6	8.1	26.4	20.4	31.5
	YEAR OF OCCURRENCE		1989	1979	1997	1970	1950	1994	1999	1994	1942	1951	1996	1996	JAN 1989
	MAXIMUM IN 24 HOURS (IN)	64	19.4	11.2	12.0	8.6	1.0	T	T	T	0.6	7.8	12.6	9.3	19.4
	YEAR OF OCCURRENCE		1989	1951	1997	1970	1950	1994	1999	1994	1942	1951	1977	1988	JAN 1989
	MAXIMUM SNOW DEPTH (IN)	53	30	24	32	8	1	0	0	0	0	5	17	19	32
	YEAR OF OCCURRENCE		1989	1994	1997	1975	1979					1951	1985	1985	MAR 1997
NORMAL NO. DAYS WITH:															
SNOWFALL ≥ 1.0	30	3.0	2.1	2.4	0.7	0.0	0.0	0.0	0.0	0.0	0.3	2.1	2.4	13.0	