

NORMALS, MEANS, AND EXTREMES

SIOUX FALLS, SD (FSD)

LATITUDE: 43° 34' 37" N LONGITUDE: 96° 45' 13" W ELEVATION (FT): GRND: 1425 BARO: 1428 TIME ZONE: CENTRAL (UTC + 6) WBAN: 14944

ELEMENT		POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	25.2	31.6	43.8	58.8	71.0	80.6	85.6	83.2	74.2	61.1	41.9	28.8	57.1
	MEAN DAILY MAXIMUM	74	24.9	30.5	41.8	58.5	70.8	80.0	85.6	83.4	73.8	61.6	43.1	29.6	57.0
	HIGHEST DAILY MAXIMUM	60	66	70	87	94	100	110	108	108	104	94	81	63	110
	YEAR OF OCCURRENCE		1981	1982	1968	1962	1967	1988	1989	1973	1976	1963	1999	1998	JUN 1988
	MEAN OF EXTREME MAXS.	74	45.9	51.3	67.5	82.1	88.3	94.7	98.2	96.5	90.6	81.8	65.5	49.9	76.0
	NORMAL DAILY MINIMUM	30	2.9	10.1	21.3	32.5	44.6	54.5	60.3	58.4	47.6	34.8	20.7	7.8	33.0
	MEAN DAILY MINIMUM	74	4.8	10.5	22.2	34.9	46.6	56.7	62.4	59.9	49.6	37.3	23.0	11.0	34.9
	LOWEST DAILY MINIMUM	60	-36	-31	-23	5	17	33	38	34	22	9	-17	-28	-36
	YEAR OF OCCURRENCE		1970	1962	1948	1982	1967	1969	1971	1950	1974	1972	1964	1990	JAN 1970
	MEAN OF EXTREME MINS.	74	-18.6	-14.5	-6	18.6	30.3	41.9	49.3	45.8	31.9	19.7	2.7	-12.2	16.2
	NORMAL DRY BULB	30	14.0	20.8	32.6	45.7	57.8	67.5	73.0	70.8	60.9	48.0	31.3	18.3	45.1
	MEAN DRY BULB	74	14.9	20.3	31.8	46.6	58.6	68.4	74.1	71.7	61.9	49.5	33.1	20.5	46.0
	MEAN WET BULB	22	16.1	20.6	29.7	41.2	52.3	61.5	66.2	64.8	55.5	43.0	29.5	19.5	41.7
	MEAN DEW POINT	22	11.4	15.9	24.3	34.1	46.2	56.3	62.3	61.0	50.5	37.1	24.4	15.2	36.6
	NORMAL NO. DAYS WITH:														
MAXIMUM ≥ 90°	30	0.0	0.0	0.0	0.2	0.5	3.9	9.0	6.2	1.8	0.0	0.0	0.0	21.6	
MAXIMUM ≤ 32°	30	21.2	14.8	6.5	0.7	0.0	0.0	0.0	0.0	0.0	0.2	7.6	18.5	69.5	
MINIMUM ≤ 32°	30	30.9	27.4	25.0	12.7	1.7	0.0	0.0	0.0	1.3	10.9	25.7	30.7	166.3	
MINIMUM ≤ 0°	30	12.3	6.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	8.0	29.6	
H/C	NORMAL HEATING DEG. DAYS	30	1566	1236	989	568	242	58	10	20	176	519	995	1433	7812
	NORMAL COOLING DEG. DAYS	30	0	0	0	5	35	149	274	216	64	4	0	0	747
RH	NORMAL (PERCENT)	30	76	76	73	66	65	66	68	72	70	68	76	78	71
	HOUR 00 LST	30	78	80	80	74	73	76	78	81	79	76	80	81	78
	HOUR 06 LST	30	79	81	83	81	82	82	85	88	86	82	83	82	83
	HOUR 12 LST	30	70	70	64	54	54	55	55	58	56	56	67	72	61
	HOUR 18 LST	30	74	72	64	52	51	52	53	57	56	58	71	77	61
S	PERCENT POSSIBLE SUNSHINE	9	54	50	54	53	49	62	68	69	69	62	56	50	58
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG (VISBY ≤ 1/4 MI)	60	2.5	3.0	2.6	1.1	0.7	0.5	0.7	1.2	1.4	1.5	2.6	3.7	21.5
	THUNDERSTORMS	60	0.0	0.1	0.9	2.9	6.2	8.7	9.3	7.7	5.3	2.0	0.4	0.1	43.6
CLOUDINESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)														
	MIDNIGHT-MIDNIGHT (OKTAS)														
	MEAN NO. DAYS WITH:														
CLEAR	1					2.0	11.0								
PARTLY CLOUDY	1					3.0	3.0								
CLOUDY	1					11.0	7.0								
PR	MEAN STATION PRESSURE (IN)	33	28.54	28.54	28.45	28.43	28.42	28.42	28.46	28.49	28.50	28.50	28.49	28.54	28.48
	MEAN SEA-LEVEL PRES. (IN)	22	30.13	30.12	30.04	29.95	29.92	29.91	29.95	29.99	29.99	30.02	30.04	30.11	30.01
WINDS	MEAN SPEED (MPH)	46	10.9	11.0	12.1	12.6	11.6	10.4	9.6	9.5	10.1	10.6	11.3	10.7	10.9
	PREVAIL. DIR (TENS OF DEGS)	31	31	31	34	36	18	18	18	18	18	18	31	31	18
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	9	44	45	46	51	45	52	51	58	43	41	43	43	58
	DIR. (TENS OF DEGS)		33	31	30	32	32	08	32	31	34	19	30	32	31
	YEAR OF OCCURRENCE		2005	2002	2005	2000	2003	2001	1998	2002	1997	1997	1998	2000	AUG 2002
	MAXIMUM 5-SECOND:														
SPEED (MPH)	9	54	55	60	62	53	56	64	77	49	52	55	52	77	
DIR. (TENS OF DEGS)		33	30	30	32	31	08	32	31	35	29	30	32	31	
YEAR OF OCCURRENCE		2005	2002	2005	2000	2003	2001	1998	2002	2005	1997	2003	2000	AUG 2002	
PRECIPITATION	NORMAL (IN)	30	0.51	0.51	1.81	2.65	3.39	3.49	2.93	3.01	2.58	1.93	1.36	0.52	24.69
	MAXIMUM MONTHLY (IN)	60	1.71	4.05	4.08	6.97	8.26	8.43	8.41	9.09	9.26	6.28	4.76	2.62	9.26
	YEAR OF OCCURRENCE		1969	1962	1998	2001	1993	1984	1992	1975	1986	1998	2001	1968	SEP 1986
	MINIMUM MONTHLY (IN)	60	0.05	0.05	0.14	0.17	0.61	0.91	0.25	0.53	0.29	T	0.02	T	T
	YEAR OF OCCURRENCE		1958	1986	1967	1969	1981	1988	1947	1970	1956	1952	1980	1986	DEC 1986
	MAXIMUM IN 24 HOURS (IN)	60	1.61	2.00	2.53	3.72	4.22	4.32	3.39	4.59	4.02	4.54	2.68	1.44	4.59
	YEAR OF OCCURRENCE		1960	1962	1995	2001	2004	1957	1992	1975	1966	1973	2001	1955	AUG 1975
	NORMAL NO. DAYS WITH:														
PRECIPITATION ≥ 0.01	30	7.0	6.9	9.0	10.6	11.2	10.3	10.1	9.4	8.0	6.8	7.9	6.1	103.3	
PRECIPITATION ≥ 1.00	30	*	0.0	0.3	0.5	0.8	0.7	0.6	0.7	0.8	0.4	0.2	0.0	5.0	
SNOWFALL	NORMAL (IN)	30	7.4	5.9	8.1	3.5	0.*	0.*	0.0	0.0	0.*	1.1	7.6	7.0	40.6
	MAXIMUM MONTHLY (IN)	60	19.6	48.4	31.5	18.4	0.2	T	T	T	0.9	10.0	21.9	41.1	48.4
	YEAR OF OCCURRENCE		1969	1962	1951	1983	1954	1994	1995	2001	1985	1991	1985	1968	FEB 1962
	MAXIMUM IN 24 HOURS (IN)	60	11.8	26.0	18.9	10.5	0.2	T	T	T	0.9	8.8	12.6	16.6	26.0
	YEAR OF OCCURRENCE		1960	1962	1956	1994	1954	1994	1995	2001	1985	1991	1998	1968	FEB 1962
	MAXIMUM SNOW DEPTH (IN)	62	33	34	33	10	1	0	0	0	0	3	13	34	34
	YEAR OF OCCURRENCE		1969	1969	1969	1969	1969	1947				1982	1983	1968	DEC 1968
NORMAL NO. DAYS WITH:															
SNOWFALL ≥ 1.0	30	2.0	1.7	2.2	1.0	0.0	0.0	0.0	0.0	0.0	0.3	2.1	1.8	11.1	