

NORMALS, MEANS, AND EXTREMES SIOUX FALLS (KFSD)

LATITUDE: 43° 34'N LONGITUDE: 96° 45'W ELEVATION (FT): GRND: 1428 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	26.4	31.3	43.1	58.5	69.8	79.2	84.1	81.7	73.2	59.6	42.5	28.5	56.5
	MEAN DAILY MAXIMUM	87	25.3	30.2	42.3	58.4	70.7	79.9	85.7	83.0	74.0	61.5	43.4	29.7	57.0
	HIGHEST DAILY MAXIMUM	73	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.	87	46.1	51.4	67.9	82.2	88.5	94.4	97.8	96.0	90.5	81.8	65.8	50.0	76.0
	NORMAL DAILY MINIMUM	30	6.9	11.7	22.7	34.4	46.2	56.4	61.9	59.6	49.3	36.1	22.7	9.8	34.8
	MEAN DAILY MINIMUM	87	5.7	10.5	22.4	34.9	46.6	56.8	62.4	60.0	49.9	37.5	23.2	11.3	35.1
	LOWEST DAILY MINIMUM	73	-36	-31	-23	5	17	33	38	34	22	9	-17	-28	-36
	YEAR OF OCCURRENCE		1970	1962	1948	2018	1967	1969	1971	1950	1974	1972	1964	1990	JAN 1970
	MEAN OF EXTREME MINS.	87	-17.6	-13.4	-0.2	18.7	30.4	42.2	49.4	46.1	32.5	20.3	3.2	-11.3	16.7
	NORMAL DRY BULB	30	16.6	21.5	32.9	46.4	58.0	67.8	73.0	70.6	61.3	47.9	32.6	19.2	45.7
	MEAN DRY BULB	87	15.5	20.4	32.4	46.7	58.7	68.5	74.1	71.5	62.0	49.5	33.3	20.6	46.1
	MEAN WET BULB	32	14.7	18.2	28.3	38.7	49.9	59.9	65.0	63.5	54.4	41.1	28.1	18.0	40.0
	MEAN DEW POINT	32	13.1	16.4	26.5	36.4	48.4	58.6	64.0	62.6	53.1	39.6	26.8	16.6	38.5
	NORMAL NO. DAYS WITH:														
	MAXIMUM >= 90	30	0.0	0.0	0.0	0.2	0.4	2.4	6.1	3.6	1.1	0.0	0.0	0.0	13.8
MAXIMUM <= 32	30	19.5	14.2	6.0	0.6	0.0	0.0	0.0	0.0	0.0	0.3	6.7	17.7	65.0	
MINIMUM <= 32	30	30.8	27.0	25.6	12.4	1.4	0.0	0.0	0.0	0.9	10.8	24.8	30.5	164.2	
MINIMUM <= 0	30	10.3	6.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	7.3	26.1	
H/C	NORMAL HEATING DEG. DAYS	30	1499	1218	995	562	248	51	8	23	173	536	972	1421	7706
	NORMAL COOLING DEG. DAYS	30	0	0	0	5	31	135	256	198	60	5	0	0	690
RH	NORMAL (PERCENT)		76	76	73	66	65	66	68	72	70	68	76	78	71
	HOURLY 00 LST	30	78	80	80	74	73	76	78	81	79	76	80	81	78
	HOURLY 06 LST	30	79	81	83	81	82	82	85	88	86	82	83	82	83
	HOURLY 12 LST	30	70	70	64	54	54	55	55	58	56	56	67	72	61
	HOURLY 18 LST	30	74	72	64	52	51	52	53	57	56	58	71	77	61
S	PERCENT POSSIBLE SUNSHINE	12	54	52	51	55	51	60	71	67	66	67	54	51	58
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI) THUNDERSTORMS	55 87	1.8 0.1	2.3 0.1	2.3 0.9	1.1 2.7	0.7 5.6	0.4 8.0	0.7 7.9	1.1 7.0	1.2 4.4	1.2 1.7	2.1 0.4	3.2 0.1	18.1 38.9
CLOUDINESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)														
	MIDNIGHT-MIDNIGHT (OKTAS)														
	MEAN NO. DAYS WITH:														
	CLEAR														
	PARTLY CLOUDY														
	CLOUDY														
PR	MEAN STATION PRESSURE(IN)	35	28.52	28.53	28.49	28.41	28.41	28.40	28.43	28.48	28.48	28.48	28.49	28.52	28.47
	MEAN SEA-LEVEL PRES. (IN)	34	30.12	30.12	30.05	29.95	29.92	29.89	29.94	29.97	29.99	30.02	30.05	30.10	30.01
WINDS	MEAN SPEED (MPH)	35	10.3	10.4	11.3	12.1	11.0	9.8	9.1	8.7	9.5	9.9	10.3	10.0	10.2
	PREVAIL.DIR.(TENS OF DEGS)	44	32	32	35	36	19	19	19	19	17	31	32	31	32
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	22	48	45	46	51	46	60	51	58	43	44	43	43	60
	DIR. (TENS OF DEGS)		32	31	30	03	19	08	32	31	34	31	31	32	08
	YEAR OF OCCURRENCE		2014	2002	2005	2018	2016	2014	1998	2002	1997	2008	2017	2017	JUN 2014
	MAXIMUM 3-SECOND														
	SPEED (MPH)	22	63	59	60	67	60	87	64	77	60	59	55	60	87
DIR. (TENS OF DEGS)		32	29	30	03	09	07	32	31	27	33	32	32	07	
YEAR OF OCCURRENCE		2014	2016	2005	2018	2008	2014	1998	2002	2017	2008	2017	2017	JUN 2014	
PRECIPITATION	NORMAL (IN)	30	0.56	0.60	1.76	3.01	3.40	3.92	3.09	3.05	2.77	2.17	1.36	0.69	26.38
	MAXIMUM MONTHLY (IN)	73	1.71	4.05	4.97	6.97	8.26	13.70	8.55	9.09	9.26	6.28	4.76	2.62	13.70
	YEAR OF OCCURRENCE		1969	1962	2007	2001	1993	2014	2010	1975	1986	1998	2001	1968	JUN 2014
	MINIMUM MONTHLY (IN)	73	0.05	0.05	0.14	0.17	0.61	0.74	0.24	0.53	0.20	T	0.02	T	0.02
	YEAR OF OCCURRENCE		1958	1986	1967	1969	1981	2012	2012	1970	2011	1952	1980	1986	NOV 1980
	MAXIMUM IN 24 HOURS (IN)	73	1.61	2.00	3.27	3.72	4.22	4.56	3.39	4.59	5.07	4.54	2.68	1.44	5.07
	YEAR OF OCCURRENCE		1960	1962	2007	2001	2004	2014	1992	1975	2018	1973	2001	1955	SEP 2018
	NORMAL NO. DAYS WITH:														
PRECIPITATION >= 0.01	30	6.6	6.6	8.7	10.5	11.8	11.5	9.8	9.1	8.7	7.9	7.2	6.9	105.3	
PRECIPITATION >= 1.00	30	0.0	0.0	0.3	0.6	0.7	1.0	0.6	0.9	0.7	0.5	0.3	0.0	5.6	
SNOWFALL	NORMAL (IN)	30	7.7	6.9	8.4	4.6	0.0	0.0	0.0	0.0	0.0	1.3	7.4	8.2	44.5
	MAXIMUM MONTHLY (IN)	73	19.6	48.4	31.5	31.4	2.2	T	T	T	0.9	10.0	21.9	41.1	48.4
	YEAR OF OCCURRENCE		1969	1962	1951	2018	2017	2014	2014	2009	1985	1991	1985	1968	FEB 1962
	MAXIMUM IN 24 HOURS (IN)	73	11.8	26.0	18.9	13.7	2.2	T	T	T	0.9	8.8	12.6	16.6	26.0
	YEAR OF OCCURRENCE'		1960	1962	1956	2018	2017	2014	2014	2009	1985	1991	1998	1968	FEB 1962
	MAXIMUM SNOW DEPTH (IN)	75	33	34	33	14	2	0	0	0	0	3	13	34	34
	YEAR OF OCCURRENCE		1969	1969	1969	2018	2017					1982	1983	1968	FEB 1969
	NORMAL NO. DAYS WITH:														
SNOWFALL >= 1.0	30	2.1	1.8	2.2	1.3	0.0	0.0	0.0	0.0	0.0	0.5	2.0	2.4	12.3	