

Cottonwood 2E, SD

Latitude	43 58 N
Longitude	101 52W
Elevation	2414
Station Record Begins	6/1/1909

30 Year Normals (1981-2010)

	Max (F)	Min (F)	Mean (F)	Precipitation	Snow (in.)
January	35.2	8.5	21.9	0.37	4.8
February	38.9	11.6	25.3	0.57	6.2
March	47.8	20.5	34.2	1.18	8.4
April	60.1	30.4	45.3	1.70	4.8
May	70.3	42.2	56.2	2.83	0.1
June	80.3	52.1	66.2	2.98	0.0
July	89.6	58.6	74.1	2.22	0.0
August	93.3	56.1	72.7	1.46	0.0
September	79.4	44.3	61.3	1.32	0.0
October	63.5	31.2	47.4	1.36	1.1
November	47.6	18.9	33.3	0.64	5.7
December	36.1	8.6	22.4	0.38	5.4
Annual	61.5	32.0	46.8	17.01	36.5

January

Average Temperature

WARMEST			COLDEST		
AVG	YEAR		AVG	YEAR	
36.8	1944		4.3	1937	
34.9	2006	6.1	1930		
33.4	1981	6.2	1940		
33.3	1990	8.0	1979		
33.0	1953	8.7	1916		
31.7	1914	9.2	1912		
31.5	1958	9.3	1949		
31.4	1965	9.5	1924		
30.4	1983	11.1	1982		
29.8	1980	11.4	1929		

Rainfall

WETTEST				DRIEST			
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR	AMOUNT	YEAR
1.47	1917	0.86	01/04/1997	TR	2015		
1.40	1936	0.85	01/26/1917	TR	1991		
1.32	1963	0.75	01/06/1975	TR	1958		
1.28	1997	0.72	01/10/1949	TR	1952		
1.16	1975	0.70	01/07/1912	TR	1948		
1.13	1949	0.64	01/09/1922	TR	1944		
0.95	1976	0.55	01/28/1936	TR	1924		
0.95	1953	0.55	01/25/2017	0.01	1989		
0.90	1922	0.51	01/07/1976	0.03	1954		
0.88	2017	0.50	01/10/1926	0.03	1951		

Snowfall

GREATEST				LEAST			
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR	AMOUNT	YEAR
36.1	1949	20.0	01/10/1949	0.0	1923		
15.8	1982	10.6	01/07/1976	TR	2015		
15.2	1976	10.0	01/09/1949	TR	1991		
14.0	1975	7.5	01/06/1975	TR	1958		
13.5	1936	7.0	01/07/1912	TR	1952		
13.3	1963	6.1	01/27/1974	TR	1948		
13.2	1996	6.0	01/12/1998	TR	1944		
10.3	1922	5.7	01/27/1986	TR	1924		
9.9	1974	5.7	01/09/1922	0.1	1989		
9.6	1992	5.5	01/13/1975	0.2	2007		

February

Average Temperature

WARMEST			COLDEST		
AVG	YEAR		AVG	YEAR	
41.5	1954		3.0	1936	
36.3	1999	2.7	1929		
35.9	1992	10.1	1918		
35.9	1987	11.3	2018		
35.9	1931	11.4	1922		
35.3	1935	12.0	1978		
34.7	1998	12.6	1939		
34.6	2016	12.7	1923		
34.4	1984	13.9	1993		
34.2	1962	14.0	1933		

Rainfall

WETTEST				DRIEST			
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR	AMOUNT	YEAR
1.75	1915	0.97	02/19/1915	TR	1949		
1.43	2011	0.92	02/28/1992	TR	1934		
1.18	1914	0.72	02/28/1914	TR	1931		
1.17	2009	0.67	02/10/2009	TR	1927		
1.17	2001	0.59	02/26/2000	0.01	1954		
1.15	1971	0.54	02/07/2001	0.03	1943		
1.12	1965	0.50	02/23/1991	0.03	1941		
1.09	1993	0.49	02/28/1920	0.04	1930		
1.00	1960	0.46	02/20/2011	0.05	2005		
0.93	2018	0.45	02/09/1971	0.05	1912		

Snowfall

GREATEST				LEAST			
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR	AMOUNT	YEAR
22.0	1955	8.0	02/07/2001	0.0	1992		
18.0	2001	8.0	02/15/1995	TR	1954		
17.2	2011	8.0	02/24/1955	TR	1949		
16.6	1975	8.0	02/28/1914	TR	1934		
15.5	1994	7.5	02/14/1975	TR	1931		
15.1	1971	7.0	02/20/2011	TR	1930		
14.1	1965	7.0	02/09/1955	TR	1927		
13.9	2018	5.5	02/10/1987	0.2	1941		
13.7	1915	5.2	02/09/1971	0.5	1912		
12.6	1993	5.2	02/19/1915	0.7	2004		

March

Average Temperature

WARMEST			COLDEST		
AVG	YEAR		AVG	YEAR	
46.3	1910	20.7	1915		
46.2	2012	21.1	1943		
43.9	1911	22.6	1913		
43.8	2007	22.9	2002		
43.3	1992	23.0	1944		
43.1	1972	23.3	1962		
42.5	1957	23.7	1960		
40.1	1918	24.0	1951		
39.9	2016	24.4	996		
39.9	1973	25.0	1965		

Rainfall

WETTEST				DRIEST			
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR	AMOUNT	YEAR
2.85	1987	1.70	03/30/1937	0.00	1922		
2.73	1998	1.63	03/21/1929	0.00	1911		
2.60	1929	1.30	03/22/1963	TR	1928		
2.28	1963	1.15	03/29/1998	TR	1926		
1.98	1992	1.10	03/11/1933	0.02	2012		
1.88	1973	1.06	03/14/1992	0.05	1956		
1.80	2007	1.03	03/24/2009	0.07	1939		
1.80	2006	0.98	03/20/1973	0.09	1949		
1.80	1937	0.92	03/09/1985	0.10	2015		
1.68	1933	0.91	03/08/2000	0.10	1936		

Snowfall

GREATEST				LEAST			
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR	AMOUNT	YEAR
33.7	1987	16.3	03/21/1929	0.0	2012		
23.6	1929	13.0	03/22/1963	0.0	1940		
19.5	1963	11.0	03/11/1933	0.0	1935		
19.5	1958	10.0	03/09/1985	0.0	1928		
18.6	2006	9.1	03/24/1968	0.0	1922		
18.0	1989	8.0	03/30/1937	0.0	1911		
17.4	1998	8.0	03/30/1937	TR	MANY		
15.0	1954	7.5	03/26/1914				
14.4	1970	7.3	03/28/1929				
14.3	1964	7.0	03/09/1989				

April

Average Temperature

WARMEST			COLDEST		
AVG	YEAR		AVG	YEAR	
53.8	1946	36.7	1951		
51.7	1925	37.4	2018		
51.1	1932	37.6	1944		
50.8	1910	37.6	1920		
50.5	1943	37.7	1975		
50.2	2006	37.9	1928		
50.1	1981	38.3	1936		
50.0	1960	38.4	2013		
49.8	1969	38.5	1970		
49.0	1971	39.2	1935		

Rainfall

WETTEST				DRIEST			
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR	AMOUNT	YEAR
6.24	1927	1.80	04/19/1927	TR	1987		
3.82	1970	1.70	04/25/1973	TR	1952		
3.77	1919	1.66	04/16/2016	0.03	1924		
3.59	2000	1.64	04/17/1941	0.16	1937		
3.52	1941	1.60	04/24/1970	0.22	1921		
3.16	2005	1.56	04/13/1919	0.23	1998		
3.12	2016	1.40	04/20/1912	0.26	1951		
3.04	1964	1.28	04/19/1967	0.27	2004		
2.96	1930	1.25	04/25/1920	0.31	1962		
2.91	1977	1.20	04/18/1977	0.40	1983		

Snowfall

GREATEST				LEAST			
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR	AMOUNT	YEAR
35.3	1970	18.0	04/19/1927	0.0	MANY		
35.0	1927	16.2	04/24/1970				
28.3	2013	12.0	04/20/2000				
20.2	1995	12.0	04/02/1975				
17.5	1957	10.0	04/22/1960				
16.6	1975	10.0	04/10/2013				
13.9	2018	9.3	04/09/2013				
13.7	1980	9.0	04/21/1970				
12.9	2000	8.0	04/20/1993				
12.5	1935	8.0	04/09/1957				

May

Average Temperature

Table with 4 columns: WARMEST (AVG, YEAR), COLDEST (AVG, YEAR). Rows 1-10 show temperature data for various years.

Rainfall

Table with 6 columns: WETTEST (AMOUNT, YEAR, AMOUNT, DAY), DRIEST (AMOUNT, YEAR). Rows 1-10 show rainfall data for various years.

Snowfall

Table with 6 columns: GREATEST (AMOUNT, YEAR, AMOUNT, DAY), LEAST (AMOUNT, YEAR). Rows 1-10 show snowfall data for various years.

June

Average Temperature

Table with 4 columns: WARMEST (AVG, YEAR), COLDEST (AVG, YEAR). Rows 1-10 show temperature data for various years.

Rainfall

Table with 6 columns: WETTEST (AMOUNT, YEAR, AMOUNT, DAY), DRIEST (AMOUNT, YEAR). Rows 1-10 show rainfall data for various years.

Snowfall

Table with 6 columns: GREATEST (AMOUNT, YEAR, AMOUNT, DAY), LEAST (AMOUNT, YEAR). Rows 1-10 show snowfall data for various years.

July

Average Temperature

Table with 4 columns: WARMEST (AVG, YEAR), COLDEST (AVG, YEAR). Rows 1-10 show temperature data for various years.

Rainfall

Table with 6 columns: WETTEST (AMOUNT, YEAR, AMOUNT, DAY), DRIEST (AMOUNT, YEAR). Rows 1-10 show rainfall data for various years.

Snowfall

Table with 6 columns: GREATEST (AMOUNT, YEAR, AMOUNT, DAY), LEAST (AMOUNT, YEAR). Rows 1-10 show snowfall data for various years.

August

Average Temperature

Table with 4 columns: WARMEST (AVG, YEAR), COLDEST (AVG, YEAR). Rows 1-10 show temperature data for various years.

Rainfall

Table with 6 columns: WETTEST (AMOUNT, YEAR, AMOUNT, DAY), DRIEST (AMOUNT, YEAR). Rows 1-10 show rainfall data for various years.

Snowfall

Table with 6 columns: GREATEST (AMOUNT, YEAR, AMOUNT, DAY), LEAST (AMOUNT, YEAR). Rows 1-10 show snowfall data for various years.

September

Average Temperature

Table with 4 columns: WARMEST (AVG, YEAR), COLDEST (AVG, YEAR). Rows 1-10 show temperature data for various years.

Rainfall

Table with 6 columns: WETTEST (AMOUNT, YEAR, AMOUNT, DAY), DRIEST (AMOUNT, YEAR). Rows 1-10 show rainfall data for various years.

Snowfall

Table with 6 columns: GREATEST (AMOUNT, YEAR, AMOUNT, DAY), LEAST (AMOUNT, YEAR). Rows 1-10 show snowfall data for various years.

October

Average Temperature

Table with 4 columns: WARMEST (AVG, YEAR), COLDEST (AVG, YEAR). Rows 1-10 show temperature data for various years.

Rainfall

Table with 6 columns: WETTEST (AMOUNT, YEAR, AMOUNT, DAY), DRIEST (AMOUNT, YEAR). Rows 1-10 show rainfall data for various years.

Snowfall

Table with 6 columns: GREATEST (AMOUNT, YEAR, AMOUNT, DAY), LEAST (AMOUNT, YEAR). Rows 1-10 show snowfall data for various years.

### November

#### Average Temperature

	WARMEST		COLDEST	
	AVG	YEAR	AVG	YEAR
1	45.4	1981	22.5	1996
2	45.4	1953	26.7	2000
3	45.1	1990	26.9	2003
4	45.0	1949	27.5	1985
5	43.4	1987	27.6	2014
6	43.4	1965	27.7	1993
7	42.8	1954	27.8	1911
8	42.3	1999	28.3	1919
9	42.3	1962	28.8	1965
10	42.0	1974	29.9	1959

#### Rainfall

	WETTEST			DRIEST		
	AMOUNT	YEAR	DAY	AMOUNT	YEAR	DAY
1	3.26	1922	11/01/1941	0.00	1939	
2	2.05	2008	11/10/1922	TR	1976	
3	1.95	1948	11/06/2008	TR	1949	
4	1.72	1941	11/04/1948	TR	1945	
5	1.64	1991	11/15/1944	TR	1915	
6	1.60	1983	11/03/1991	0.02	2007	
7	1.57	1961	11/06/1964	0.02	2002	
8	1.55	1971	11/14/1983	0.02	1937	
9	1.35	1944	11/01/2000	0.02	1914	
10	1.26	1985	11/18/1959	0.06	1975	

#### Snowfall

	GREATEST			LEAST		
	AMOUNT	YEAR	DAY	AMOUNT	YEAR	DAY
1	20.6	1947	11/03/1991	0.0	MANY	
2	20.5	1983	11/18/1959			
3	19.0	1991	11/27/1983			
4	17.1	1985	11/14/1983			
5	14.9	1959	11/22/2010			
6	14.5	1993	11/13/1993			
7	13.9	2010	11/23/1952			
8	13.0	1956	11/12/1947			
9	12.0	1979	11/08/1928			
10	12.0	1952	11/14/1977			

### December

#### Average Temperature

	WARMEST		COLDEST	
	AVG	YEAR	AVG	YEAR
1	36.7	1939	7.2	1983
2	35.3	1957	11.6	1927
3	34.1	1941	11.8	1919
4	33.1	1959	12.1	1996
5	32.5	1962	13.2	2000
6	32.3	1969	13.8	1909
7	32.1	1999	14.2	1985
8	31.7	2004	14.3	1922
9	31.7	1965	14.8	2009
10	31.7	1923	14.9	2016

#### Rainfall

	WETTEST			DRIEST		
	AMOUNT	YEAR	DAY	AMOUNT	YEAR	DAY
1	1.47	2015	12/24/1973	TR	2001	
2	1.34	1960	12/16/2015	TR	1945	
3	1.21	1978	12/10/1960	TR	1944	
4	1.10	1998	12/03/1929	TR	1943	
5	1.07	2018	12/22/1981	TR	1941	
6	1.07	1929	12/17/1993	TR	1923	
7	1.02	2009	12/01/1976	TR	1915	
8	0.97	1964	12/03/1960	0.02	1947	
9	0.90	1973	12/10/1959	0.02	1931	
10	0.90	1935	12/13/1927	0.03	1979	

#### Snowfall

	GREATEST			LEAST		
	AMOUNT	YEAR	DAY	AMOUNT	YEAR	DAY
1	20.8	2015	12/16/2015	0.0	1923	
2	18.1	1983	12/26/2009	TR	2001	
3	17.4	2009	12/22/1981	TR	1957	
4	16.0	1985	12/10/1960	TR	1943	
5	15.0	1978	12/03/1929	TR	1941	
6	14.1	1960	12/20/2013	TR	1915	
7	13.5	1996	12/01/1976	0.2	1931	
8	12.3	1968	12/26/2016	0.4	1928	
9	12.0	2016	12/17/2016	0.5	MANY	
10	11.8	1967	12/28/2015			

### Annual

#### Temperature

	WARMEST		COLDEST	
	AMOUNT	YEAR	AMOUNT	YEAR
1	50.8	1934	43.3	1993
2	50.5	2012	43.3	1951
3	50.0	1931	43.3	1916
4	49.9	1939	43.5	1922
5	49.7	2006	44.0	1917
6	49.4	1954	44.0	1915
7	49.3	2007	44.1	1950
8	49.3	2005	44.1	1929
9	49.2	1946	44.3	1927
10	49.0	1953	44.3	1924

### Annual

#### Rainfall

	Wettest		Driest	
	AMOUNT	YEAR	AMOUNT	YEAR
1	26.14	1997	7.11	1936
2	25.84	1915	7.73	1939
3	25.13	1982	8.90	1931
4	23.38	2015	9.77	1910
5	22.54	2013	9.82	1940
6	22.44	1991	10.19	1950
7	22.09	2008	10.25	1925
8	21.94	1923	10.40	1924
9	21.77	1965	10.53	1913
10	21.73	1998	10.74	1921

#### Snowfall

	Most Snow		Least Snow	
	AMOUNT	YEAR	AMOUNT	YEAR
1	71.3	1969-70	2.3	1940-41
2	69.0	1983-84	3.7	1923-24
3	68.5	1959-60	4.7	1943-44
4	66.5	1985-86	8.4	1944-45
5	60.4	2010-11	10.5	1941-42
6	59.4	2012-13	10.8	1938-39
7	59.2	1970-71	11.1	1945-46
8	56.9	1981-82	11.7	1910-11
9	56.8	1986-87	12.0	1915-16
10	56.6	1974-75	14.2	1939-40

### Top 30 Precipitation Events

	Rainfall		Snowfall	
	AMOUNT	DATE	AMOUNT	DATE
1	5.18	08/22/1930	20.0	01/10/1949
2	4.36	05/29/1971	18.0	04/19/1927
3	4.31	05/17/1991	16.3	03/21/1929
4	4.10	08/28/1974	16.2	04/24/1970
5	4.00	06/01/1915	13.0	10/05/2013
6	3.55	06/05/1943	13.0	03/22/1963
7	3.20	06/15/1986	12.0	04/20/2000
8	3.20	05/20/1965	12.0	11/03/1991
9	3.20	09/12/1911	12.0	04/02/1975
10	2.80	06/08/2012	12.0	05/02/1960
11	2.58	06/03/1997	11.4	11/18/1959
12	2.50	06/18/1928	11.0	03/11/1933
13	2.46	07/22/1923	10.6	01/07/1976
14	2.45	05/29/1954	10.0	04/10/2013
15	2.45	06/13/1925	10.0	03/09/1985
16	2.42	06/18/1970	10.0	04/22/1960
17	2.39	10/08/1930	10.0	03/03/1958
18	2.35	07/18/1937	10.0	01/09/1949
19	2.33	08/12/1994	9.3	12/16/2015
20	2.29	05/10/2015	9.3	04/09/2013
21	2.25	07/24/1988	9.1	03/24/1968
22	2.22	06/20/1980	9.0	05/10/2015
23	2.20	05/26/1987	9.0	04/21/1970
24	2.18	07/16/1909	8.7	10/25/1919
25	2.17	07/22/1922	8.1	10/13/1970
26	2.15	06/27/2011	8.0	02/07/2001
27	2.09	08/21/1998	8.0	02/15/1995
28	2.06	05/27/1949	8.0	04/20/1993
29	1.97	07/27/1935	8.0	11/27/1983
30	1.95	06/23/1962	8.0	11/14/1983