

Pactola Dam, SD

Latitude	44 04 N
Longitude	103 29 W
Elevation	4720
Station Record Begins	8/1/1951

30 Year Normals (1981-2010)

	Max (F)	Min (F)	Mean (F)	Precipitation	Snow (in.)
January	36.7	10.5	23.6	0.28	4.6
February	37.7	10.9	24.3	0.48	6.1
March	43.6	17.4	30.5	1.13	11.2
April	51.4	25.1	38.3	2.15	12.1
May	60.7	34.9	47.8	3.97	2.6
June	70.5	43.4	56.9	3.20	0.2
July	78.9	49.5	64.2	2.72	0.0
August	78.5	47.5	63.0	1.67	0.5
September	69.5	37.5	53.0	1.67	0.5
October	56.3	28.0	42.1	1.50	3.9
November	44.1	18.5	31.3	0.61	6.2
December	36.3	10.5	23.4	0.34	4.2
Annual	55.3	27.9	41.6	20.31	51.6

January Average Temperature

WARMEST		COLDEST	
AVG	YEAR	AVG	YEAR
32.2	2006	10.8	1979
31.5	1996	13.5	1957
31.2	1981	13.9	1963
29.0	1990	15.2	1996
28.4	1983	15.3	1982
28.4	1958	17.0	1966
27.8	1965	17.7	1991
27.4	1967	18.0	1980
27.2	2015	18.2	1997
26.7	1956	18.3	1969

Rainfall

WETTEST		DRIEST	
AMOUNT	YEAR	AMOUNT	DAY
0.76	1975	0.45	01/03/1976
0.74	1971	0.43	01/31/1971
0.74	1996	0.42	01/09/1993
0.69	1993	0.32	01/07/1975
0.68	2003	0.29	01/10/1983
0.62	2013	0.27	01/04/1996
0.61	2005	0.24	01/12/1979
0.58	1988	0.24	01/01/1956
0.54	1999	0.21	01/01/1960
0.53	1976	0.20	01/21/2018

Snowfall

GREATEST		LEAST	
AMOUNT	YEAR	AMOUNT	DAY
14.4	1986	8.0	01/09/1993
13.5	1975	6.5	01/05/2005
13.0	1993	6.0	01/03/1976
12.6	2005	6.0	01/31/1971
11.2	2003	5.0	01/07/1975
10.0	2009	4.2	01/12/2013
9.3	1976	4.0	01/27/1975
9.0	2013	3.5	01/12/1979
8.1	2017	3.3	01/26/1997
8.1	2000	3.2	01/28/2000

February Average Temperature

WARMEST		COLDEST	
AVG	YEAR	AVG	YEAR
31.5	2016	12.0	1980
31.5	1991	13.8	2018
31.2	1983	15.5	2014
31.2	1977	17.2	2011
31.1	1999	17.4	1993
30.4	1998	17.5	1994
30.3	1961	17.7	2010
30.2	1963	17.9	1960
29.8	1984	18.2	2001
29.5	2000	19.4	2007

Rainfall

WETTEST		DRIEST	
AMOUNT	YEAR	AMOUNT	DAY
1.59	1987	0.70	02/29/2004
1.24	1986	0.63	02/27/1987
0.98	2011	0.56	02/07/2001
0.97	2018	0.54	02/21/2011
0.88	2017	0.45	02/20/1986
0.84	1969	0.41	02/27/1969
0.83	2001	0.38	02/03/1997
0.79	1991	0.33	02/18/1991
0.78	2004	0.33	02/15/1987
0.77	1971	0.32	02/05/1986

Snowfall

GREATEST		LEAST	
AMOUNT	YEAR	AMOUNT	DAY
20.5	1987	9.0	02/09/1986
15.8	2018	8.2	02/07/2001
15.3	2001	7.5	02/27/1987
14.9	2011	6.5	02/21/2011
12.0	1966	6.1	02/29/2004
11.9	1990	6.0	02/09/1960
11.0	2017	5.3	02/19/2018
11.0	1969	5.0	02/27/1969
11.0	1959	4.8	02/13/1990
10.5	1993	4.6	02/05/1976

March Average Temperature

WARMEST		COLDEST	
AVG	YEAR	AVG	YEAR
40.7	2012	17.4	1965
37.5	2007	19.0	2002
37.5	1986	22.2	1998
36.3	2017	23.1	1969
36.1	2015	23.4	1975
36.0	2016	23.6	1970
35.1	1968	25.1	1958
34.4	1963	25.2	1998
34.1	2004	25.7	1964
34.0	1981	26.7	1980

Rainfall

WETTEST		DRIEST	
AMOUNT	YEAR	AMOUNT	DAY
2.29	1973	1.23	03/14/1973
2.23	1992	1.13	03/11/1988
2.21	2006	1.01	03/16/1963
1.99	1998	0.85	03/05/1992
1.92	2007	0.83	03/30/2007
1.83	1983	0.82	03/29/1998
1.81	2003	0.77	03/08/2000
1.58	2002	0.74	03/29/2007
1.57	1966	0.70	03/30/1998
1.55	1971	0.70	03/18/1971

Snowfall

GREATEST		LEAST	
AMOUNT	YEAR	AMOUNT	DAY
35.3	2006	18.0	03/14/1973
25.7	2002	15.0	03/16/1963
23.0	1973	14.0	03/11/1988
23.0	1971	12.0	03/18/1971
22.2	2009	10.0	03/22/1966
22.0	1998	8.3	03/23/2006
21.5	1983	8.8	03/20/2006
20.0	1966	8.0	03/30/1998
18.0	1970	8.0	03/19/1983
18.0	1963	8.0	03/08/1970

April Average Temperature

WARMEST		COLDEST	
AVG	YEAR	AVG	YEAR
45.3	1955	31.2	2013
44.6	1981	32.3	1975
44.4	1985	32.5	1997
43.9	1987	33.1	1995
43.5	1969	33.4	1983
43.2	2012	34.1	1970
42.6	1962	34.4	1966
42.2	1976	34.6	2008
41.8	2016	34.8	2009
41.6	2006	34.9	2018

Rainfall

WETTEST		DRIEST	
AMOUNT	YEAR	AMOUNT	DAY
6.96	1971	2.27	04/19/2000
4.99	1963	2.01	04/08/1975
4.71	1976	1.97	04/26/1984
4.38	2000	1.93	04/20/1973
4.37	1984	1.80	04/27/1976
4.08	2010	1.61	04/20/1971
3.99	1991	1.56	04/24/2010
3.98	1999	1.49	04/27/1963
3.83	1973	1.26	04/18/1971
3.75	1986	1.23	04/10/2017

Snowfall

GREATEST		LEAST	
AMOUNT	YEAR	AMOUNT	DAY
41.2	2013	16.0	04/10/2013
37.5	1984	13.9	04/19/2000
29.0	1988	13.5	04/27/1976
28.8	2000	13.1	04/22/2001
25.0	1970	13.0	04/16/1960
24.0	1966	13.0	04/26/1984
23.0	1986	12.0	04/03/1984
23.0	1963	12.0	04/23/1958
22.0	1957	12.0	04/19/1966
21.8	1997	12.0	04/23/1958

November

Average Temperature

	WARMEST		COLDEST	
	AMOUNT	YEAR	AMOUNT	YEAR
1	40.7	2016	16.6	1985
2	40.2	1999	23.6	2000
3	37.4	1981	24.0	1991
4	36.7	1962	25.0	1979
5	36.5	1963	25.3	2003
6	36.3	2009	25.5	1996
7	36.2	1980	26.0	1955
8	36.0	1987	27.7	1978
9	35.9	1990	27.8	1959
10	35.7	1965	28.0	1993

Rainfall

	WETTEST			DRIEST		
	AMOUNT	YEAR	DAY	AMOUNT	YEAR	DAY
1	2.02	1956	11/02/1956	0.07	1981	
2	1.80	1985	11/01/2000	0.08	1963	
3	1.51	1998	11/07/1986	0.08	1962	
4	1.40	2000	11/09/1984	0.09	1997	
5	1.27	2003	11/10/2006	0.12	2007	
6	1.22	1986	11/19/2011	0.12	1965	
7	1.03	1984	11/08/1970	0.16	2016	
8	1.02	1991	11/27/1995	0.19	2009	
9	1.02	1983	11/22/2003	0.19	1961	
10	1.01	1988	11/27/1976	0.20	2002	

Snowfall

	GREATEST			LEAST		
	AMOUNT	YEAR	DAY	AMOUNT	YEAR	DAY
1	32.0	1956	11/02/1956	0.0	1994	
2	22.5	1985	11/07/1986	0.0	1987	
3	22.1	2003	11/19/2011	TR	1963	
4	17.1	2014	11/10/2006	TR	1962	
5	16.5	1998	11/22/2003	0.4	1999	
6	15.0	1978	11/15/2014	0.5	1981	
7	14.0	1983	11/21/2003	0.8	2009	
8	13.0	1986	11/26/1983	1.0	1965	
9	12.6	2011	11/14/1956	1.0	1964	
10	11.0	1991	11/06/2008	1.3	2005	

December

Average Temperature

	WARMEST		COLDEST	
	AMOUNT	YEAR	AMOUNT	YEAR
1	32.1	1957	10.6	1983
2	31.3	1959	15.5	2009
3	30.4	1973	16.9	2016
4	29.9	1999	17.0	1990
5	29.8	1956	17.2	1972
6	29.5	1975	17.9	2008
7	29.2	1994	17.9	1978
8	29.2	1979	19.1	2013
9	29.0	1965	19.2	1968
10	28.6	2004	19.3	2000

Rainfall

	WETTEST			DRIEST		
	AMOUNT	YEAR	DAY	AMOUNT	YEAR	DAY
1	0.96	2018	12/01/1980	0.01	2001	
2	0.88	1955	12/26/2016	0.01	1991	
3	0.82	2016	12/13/1992	0.02	1986	
4	0.80	1964	12/28/1955	0.02	1962	
5	0.77	1992	12/18/1973	0.02	1959	
6	0.76	1996	12/04/1960	0.06	2004	
7	0.73	1985	12/02/2018	0.06	1971	
8	0.68	1980	12/17/1993	0.07	1995	
9	0.65	1970	12/15/1990	0.08	2006	
10	0.64	2007	12/05/1983	0.10	2002	

Snowfall

	GREATEST			LEAST		
	AMOUNT	YEAR	DAY	AMOUNT	YEAR	DAY
1	16.4	1992	12/13/1992	TR	1981	
2	15.8	1996	12/01/1980	TR	1986	
3	14.5	1955	12/26/2016	TR	1971	
4	12.6	2017	12/18/1970	TR	1965	
5	12.5	2009	12/28/1955	TR	1962	
6	12.0	2016	12/17/1993	TR	1959	
7	11.9	2007	12/05/1983	0.3	2001	
8	11.5	2018	12/18/1973	1.0	1995	
9	11.5	1964	12/04/1960	1.2	1998	
10	11.0	1970	12/26/1996	1.3	2002	

Annual

Temperature

	WARMEST		COLDEST	
	AMOUNT	YEAR	AMOUNT	YEAR
1	44.6	2016	38.8	1996
2	44.4	2012	39.2	1993
3	44.3	1963	39.4	2008
4	43.9	1981	39.4	2009
5	43.8	1956	40.1	1971
6	43.7	2015	40.2	1970
7	43.5	1987	40.6	1972
8	43.3	1988	40.7	2013
9	43.2	2017	40.7	2002
10	43.0	1999	40.7	1991

Annual

Rainfall

	Wettest		Driest	
	AMOUNT	YEAR	AMOUNT	YEAR
1	31.87	1962	11.38	2012
2	30.83	2018	11.88	1961
3	30.11	2015	13.09	1960
4	28.76	1998	13.35	1974
5	28.11	1972	13.45	1988
6	27.73	1982	13.60	1987
7	27.68	1991	13.94	1985
8	27.54	1996	13.97	2004
9	26.01	2008	14.84	1994
10	25.96	1986	15.38	2016

Snowfall

	Most Snow		Least Snow	
	AMOUNT	YEAR	AMOUNT	YEAR
1	99.6	2013-14	18.5	1980-81
2	87.9	1996-97	25.0	1973-74
3	85.2	2008-09	25.6	1961-62
4	82.2	2012-13	27.5	1984-85
5	78.5	1995-96	29.0	1967-68
6	72.3	2009-10	32.0	2011-12
7	71.0	1983-84	32.0	1960-61
8	70.9	1992-93	32.2	1994-95
9	70.0	1956-57	33.2	1988-89
10	68.5	2017-18	34.0	1991-92

Top 30 Precipitation Events

	Rainfall		Snowfall	
	AMOUNT	DATE	AMOUNT	DATE
1	7.16	06/10/1972	35.0	10/05/2013
2	4.24	05/18/1981	24.0	11/02/1956
3	3.91	06/15/1976	18.0	03/14/1973
4	3.43	05/15/1965	16.0	04/10/2013
5	3.38	07/04/1979	15.0	03/16/1963
6	3.11	06/12/1970	14.0	03/11/1988
7	2.95	06/24/2018	14.0	05/09/1965
8	2.94	05/23/2008	13.9	04/19/2000
9	2.87	08/06/1970	13.5	04/27/1976
10	2.62	07/18/1974	13.1	04/22/2001
11	2.54	05/12/1991	13.0	04/04/1986
12	2.53	09/14/1998	13.0	04/16/1960
13	2.49	06/05/1972	12.0	04/26/1984
14	2.47	05/20/2011	12.0	04/03/1984
15	2.44	10/11/1982	12.0	03/18/1971
16	2.42	10/05/2013	12.0	04/19/1966
17	2.39	07/15/2015	12.0	04/23/1958
18	2.31	05/08/1995	11.2	04/22/2013
19	2.27	04/19/2000	11.0	11/07/1986
20	2.25	07/14/1957	10.0	10/17/1996
21	2.20	06/15/1962	10.0	04/18/1970
22	2.16	09/25/1986	10.0	03/22/1966
23	2.16	05/24/1976	9.6	10/04/2013
24	2.15	10/16/1994	9.5	05/10/2015
25	2.12	09/30/2014	9.0	05/10/2015
26	2.07	07/22/2018	9.0	10/27/1996
27	2.06	06/07/1993	9.0	04/12/1996
28	2.02	07/03/2009	9.0	10/23/1995
29	2.01	04/08/1975	9.0	04/07/1993
30	2.00	09/01/1963	9.0	12/13/1992