

Rapid City (Downtown, NWS)

Latitude	44 04 N
Longitude	103 12 W
Elevation	3379
Station Record Begins	01/01/1888

30 Year Normals (1981-2010)

	Max (F)	Min (F)	Mean (F)	Precipitation	Snow (in.)
January	37.4	16.4	26.9	0.29	5.5
February	38.6	18.1	28.4	0.48	7.4
March	46.5	24.9	35.7	0.99	11.8
April	55.8	34.0	44.9	2.10	8.8
May	66.3	45.0	55.7	4.19	2.0
June	76.0	54.2	65.1	3.16	0.0
July	84.3	61.7	73.0	2.50	0.0
August	83.6	59.0	71.3	1.87	0.0
September	72.9	50.0	61.3	1.54	0.1
October	59.1	37.6	48.3	1.65	2.3
November	45.8	27.5	36.6	0.60	6.2
December	36.6	18.1	27.3	0.32	5.2
Annual	58.7	37.4	48.0	19.79	49.3

January Average Temperature

	WARMEST		COLDEST	
	AVG	YEAR	AVG	YEAR
1	38.3	2006	6.0	1937
2	35.2	1953	8.7	1930
3	34.9	1919	9.6	1916
4	34.2	1931	10.2	1929
5	33.6	1934	10.4	1888
6	33.6	1914	10.7	1949
7	33.4	1958	11.2	1950
8	32.9	1900	12.4	1907
9	32.3	2001	12.8	1890
10	32.3	1939	13.2	1918

Rainfall

	WETTEST		DRIEST	
	AMOUNT	YEAR	AMOUNT	DAY
1	1.64	1944	0.66	01/27/1944
2	1.44	1949	0.62	01/24/1921
3	1.25	1918	0.59	01/25/1918
4	1.15	1915	0.58	01/04/1949
5	1.14	1971	0.54	01/30/1971
6	1.13	1926	0.47	01/20/1917
7	1.00	1970	0.43	01/31/1892
8	0.99	1953	0.40	01/28/1944
9	0.97	1922	0.40	01/03/1922
10	0.89	1910	0.38	01/03/1926

Snowfall

	GREATEST		LEAST	
	AMOUNT	YEAR	AMOUNT	DAY
1	22.1	1949	8.0	01/30/1971
2	20.3	1944	8.0	01/27/1944
3	15.4	1971	7.5	01/04/1949
4	13.0	1918	6.4	01/24/1921
5	12.2	1926	6.2	01/04/2005
6	11.0	2005	6.0	01/28/1944
7	10.8	2003	5.8	01/31/1892
8	10.6	1915	4.5	01/05/1949
9	10.4	2009	4.4	01/26/1918
10	10.0	1922	4.1	01/25/1918

February Average Temperature

	WARMEST		COLDEST	
	AVG	YEAR	AVG	YEAR
1	42.5	1954	1.4	1936
2	38.4	2016	9.3	1899
3	38.3	1999	12.4	1891
4	37.9	1930	14.8	1922
5	36.3	1931	14.9	1929
6	35.5	1961	16.3	2018
7	35.4	1998	16.7	1913
8	34.9	1935	16.9	1939
9	34.8	1926	17.0	1893
10	34.4	1946	17.6	1914

Rainfall

	WETTEST		DRIEST	
	AMOUNT	YEAR	AMOUNT	DAY
1	1.99	1953	0.86	02/14/1889
2	1.62	1888	0.85	02/12/1915
3	1.39	1889	0.82	02/28/1904
4	1.16	2011	0.71	02/03/1997
5	1.00	1966	0.71	02/09/1953
6	1.00	1904	0.59	02/19/1953
7	0.99	1955	0.55	02/02/1912
8	0.98	1963	0.54	02/29/2004
9	0.96	1924	0.53	02/22/1914
10	0.95	1915	0.51	02/20/2011

Snowfall

	GREATEST		LEAST	
	AMOUNT	YEAR	AMOUNT	DAY
1	22.0	2001	10.8	02/07/2001
2	21.5	2011	10.2	02/29/2004
3	19.9	2018	10.0	02/14/1889
4	18.5	1953	9.3	02/20/2011
5	16.2	1888	8.9	02/03/1997
6	13.6	1963	8.2	02/28/1904
7	13.6	1889	7.1	02/09/1953
8	13.5	2004	6.0	02/09/1960
9	13.5	1971	6.0	02/09/1955
10	12.6	1955	5.9	02/19/1953

March Average Temperature

	WARMEST		COLDEST	
	AVG	YEAR	AVG	YEAR
1	49.5	2012	20.7	1899
2	48.9	1910	22.1	1912
3	44.7	2015	22.2	1965
4	44.1	2007	23.0	2002
5	43.4	1918	23.2	1906
6	43.2	1946	24.5	1888
7	42.7	2016	24.6	1944
8	42.1	1911	24.7	1924
9	42.0	1968	25.1	1891
10	41.2	1961	25.4	1915

Rainfall

	WETTEST		DRIEST	
	AMOUNT	YEAR	AMOUNT	DAY
1	3.34	1902	1.98	03/31/1927
2	2.69	1929	1.96	03/26/1902
3	2.65	1950	1.80	03/16/1963
4	2.54	1945	1.72	03/25/1945
5	2.23	1927	1.04	02/12/1929
6	2.22	1998	1.00	03/22/1966
7	2.04	1966	1.00	03/01/1953
8	1.99	1963	0.98	03/16/2018
9	1.99	1954	0.98	03/23/1937
10	1.96	1891	0.91	03/28/1998

Snowfall

	GREATEST		LEAST	
	AMOUNT	YEAR	AMOUNT	DAY
1	33.5	1950	16.0	03/16/1963
2	24.1	2009	15.3	03/31/1927
3	24.1	1998	13.4	03/05/1999
4	24.1	1929	11.3	03/30/2009
5	23.5	2002	10.2	03/24/1937
6	22.3	1999	10.5	03/16/2018
7	18.2	1963	10.0	03/08/1970
8	18.2	1954	10.0	03/01/1963
9	17.6	1924	9.2	03/20/2006
10	16.5	1966	9.0	03/22/1966

April Average Temperature

	WARMEST		COLDEST	
	AVG	YEAR	AVG	YEAR
1	54.1	1946	34.6	1920
2	52.8	1915	37.8	2013
3	52.6	1930	38.4	1963
4	51.7	1910	38.4	1907
5	51.5	2012	38.6	1950
6	51.5	1943	38.8	1997
7	51.2	1952	38.8	1909
8	50.7	1969	39.5	2018
9	50.7	1925	39.6	1917
10	50.7	1895	40.1	1893

Rainfall

	WETTEST		DRIEST	
	AMOUNT	YEAR	AMOUNT	DAY
1	6.47	1941	3.45	04/13/1941
2	5.12	1963	1.90	04/18/1903
3	4.80	1970	1.87	04/18/1970
4	4.71	2000	1.87	04/27/1963
5	4.71	1971	1.87	04/18/1894
6	4.49	1927	1.63	04/23/1932
7	4.27	1920	1.63	04/19/1891
8	4.24	1894	1.40	04/23/1958
9	4.22	1889	1.39	04/15/1938
10	4.21	1942	1.38	04/25/1999

Snowfall

	GREATEST		LEAST	
	AMOUNT	YEAR	AMOUNT	DAY
1	39.5	2013	20.0	04/18/1970
2	38.5	1927	19.2	04/22/2001
3	37.7	1970	15.0	04/09/2013
4	30.4	2009	13.9	04/04/2009
5	24.7	1920	12.5	04/19/2000
6	22.6	1917	12.0	04/23/1958
7	20.4	2001	12.0	04/28/1950
8	20.2	1957	12.0	04/28/1950
9	19.3	1929	11.0	04/12/1927
10	19.2	1950	9.8	04/14/1927

November

Average Temperature

	WARMEST		COLDEST	
	AVG	YEAR	AVG	YEAR
1	47.6	1949	20.9	1896
2	46.0	1999	24.7	1996
3	45.9	2016	26.7	1955
4	45.7	1917	28.3	1911
5	44.4	1953	28.4	1919
6	43.9	1954	28.6	2000
7	43.8	1939	30.2	2014
8	43.4	1904	30.6	1897
9	43.3	2001	30.9	1947
10	43.3	1899	31.3	1898

December

Average Temperature

	WARMEST		COLDEST	
	AVG	YEAR	AVG	YEAR
1	37.9	1896	13.5	1927
2	36.9	1957	14.7	1909
3	36.6	1939	15.1	1916
4	36.2	1959	15.5	1924
5	35.8	1999	18.3	2009
6	35.3	1965	18.3	2000
7	35.3	1889	19.4	2008
8	34.7	2002	19.5	1917
9	34.4	1954	19.6	1996
10	33.9	1900	19.8	2016

Rainfall

	WETTEST			DRIEST		
	AMOUNT	YEAR	DAY	AMOUNT	YEAR	DAY
1	3.24	1922	11/04/1922	1.80	11/04/1922	TR
2	1.81	1956	0.81	11/01/2000	TR	1939
3	1.51	1998	0.79	11/05/1922	0.01	1917
4	1.40	1944	0.76	11/08/1944	0.01	1912
5	1.40	1911	0.69	11/03/1956	0.01	1908
6	1.16	1897	0.67	11/14/1956	0.03	1907
7	1.09	2003	0.67	11/30/1954	0.04	1914
8	1.09	1896	0.60	11/18/1930	0.05	2004
9	1.04	1927	0.60	11/07/1926	0.06	1932
10	1.03	1895	0.57	11/06/2008	0.06	1923

Rainfall

	WETTEST			DRIEST		
	AMOUNT	YEAR	DAY	AMOUNT	YEAR	DAY
1	1.21	2018	12/04/1960	0.60	12/04/1960	0.01
2	1.00	1909	0.57	12/01/2018	0.02	1896
3	0.97	1964	0.54	12/05/1906	0.04	2001
4	0.95	1924	0.49	12/12/1937	0.04	1998
5	0.93	1906	0.39	12/02/1902	0.04	1947
6	0.85	1960	0.36	12/18/1970	0.04	1926
7	0.84	1967	0.36	12/06/1956	0.05	2004
8	0.82	2016	0.36	12/07/1924	0.05	1936
9	0.82	1955	0.36	12/20/1911	0.05	1894
10	0.81	1899	0.34	12/12/1899	0.05	1891

Snowfall

	GREATEST			LEAST		
	AMOUNT	YEAR	DAY	AMOUNT	YEAR	DAY
1	22.4	2003	11/06/1998	0.0	11/06/1998	1939
2	21.3	1998	9.8	11/21/2003	TR	MANY
3	13.7	2014	8.6	11/12/1959		
4	11.8	1911	8.0	11/30/1954		
5	11.4	1927	7.8	11/06/2008		
6	11.0	1956	7.1	11/14/1927		
7	11.0	1895	6.9	11/28/1929		
8	10.7	1909	6.2	11/05/1922		
9	10.6	2008	6.0	11/10/2014		
10	10.6	1896	5.9	11/19/2011		

Snowfall

	GREATEST			LEAST		
	AMOUNT	YEAR	DAY	AMOUNT	YEAR	DAY
1	15.5	2015	12/05/1906	0.1	12/05/1906	1896
2	14.8	2018	7.6	12/18/1970	0.2	1905
3	14.5	2009	6.8	12/06/1934	0.3	1891
4	12.4	1996	6.7	12/01/2018	0.4	1965
5	12.1	2016	6.2	12/07/1924	0.4	1947
6	11.1	1970	5.7	12/25/2016	0.4	1926
7	11.1	1924	5.5	12/15/2015	0.5	1957
8	11.0	1955	5.2	12/19/2013	0.6	1936
9	10.2	1908	5.1	12/16/2016	0.7	2001
10	10.1	1906	4.4	12/21/1911	0.7	1959

Annual Temperature

	WARMEST		COLDEST	
	AMOUNT	YEAR	AMOUNT	YEAR
1	52.0	2012	43.6	1996
2	51.1	2016	43.8	1916
3	51.0	1934	44.2	1917
4	50.9	1931	44.4	1929
5	50.4	2015	44.4	1927
6	50.4	1963	44.6	1924
7	50.4	1939	44.6	1899
8	50.0	1961	44.9	1950
9	49.9	2006	44.9	1907
10	49.8	1952	45.1	1912

Annual Rainfall

	Wettest		Driest	
	AMOUNT	YEAR	AMOUNT	YEAR
1	28.89	1962	7.51	1936
2	27.42	1942	9.31	1931
3	27.40	2018	9.61	1893
4	27.14	1915	10.20	1934
5	27.06	1905	10.29	1961
6	25.86	1927	10.55	1911
7	25.23	1923	10.98	1898
8	25.10	1923	11.02	1939
9	24.44	1929	11.27	1940
10	24.39	2008	11.39	2012

Snowfall

	Most Snow		Least Snow	
	AMOUNT	YEAR	AMOUNT	YEAR
1	90.2	2008-09	10.1	1940-41
2	80.3	1969-70	13.7	1907-08
3	73.3	1948-50	14.1	1900-01
4	73.5	2013-14	15.3	1910-11
5	73.0	2012-13	17.9	1913-14
6	67.1	1970-71	19.8	1945-46
7	66.6	1919-20	20.2	1903-04
8	66.5	1926-27	20.7	1930-31
9	66.4	2017-18	21.0	1901-02
10	66.4	1928-29	21.7	1898-99

Top 30 Precipitation Events

	Rainfall		Snowfall	
	AMOUNT	DATE	AMOUNT	DATE
1	5.57	05/27/1926	20.0	04/18/1970
2	4.24	05/20/1899	19.2	04/22/2001
3	3.46	04/13/1941	19.0	10/04/2013
4	3.10	06/24/1962	16.0	03/16/1963
5	3.07	06/10/1909	15.3	03/31/1927
6	3.03	05/22/2008	15.0	04/09/2013
7	2.92	05/11/1920	13.9	04/04/2009
8	2.90	06/18/1946	13.4	03/05/1999
9	2.80	06/21/1947	13.0	04/19/1959
10	2.77	07/22/1910	12.5	04/19/2000
11	2.76	09/16/1913	12.0	05/02/2008
12	2.71	05/14/1965	12.0	04/23/1958
13	2.65	05/25/1997	12.0	04/28/1950
14	2.58	09/29/2014	11.3	03/30/2009
15	2.55	05/24/1907	11.0	04/12/1927
16	2.48	07/18/1946	10.8	02/07/2001
17	2.48	06/03/1895	10.8	05/07/1950
18	2.42	06/12/1970	10.6	11/06/1998
19	2.36	06/02/1949	10.5	03/16/2018
20	2.35	05/20/1957	10.2	02/29/2004
21	2.33	06/02/1997	10.2	03/24/1937
22	2.33	07/14/1962	10.0	03/09/1970
23	2.31	06/06/1896	10.0	03/01/1953
24	2.25	05/29/2013	10.0	02/14/1889
25	2.25	07/17/1901	10.0	05/17/1888
26	2.23	09/27/1923	9.9	10/19/1919
27	2.19	05/19/2011	9.8	11/21/2003
28	2.17	05/24/2009	9.8	04/14/1927
29	2.14	06/19/1953	9.7	04/13/2018
30	2.13	06/15/1901	9.3	02/20/2011