

Maurine 12SW, SD

Latitude	44 54 N
Longitude	102 38 W
Elevation	2660
Station Record Begins	1/1/1975

30 Year Normals (1981-2010)

	Max (F)	Min (F)	Mean (F)	Precipitation	Snow (in.)
January	31.9	7.1	19.5	0.60	5.4
February	36.0	10.5	23.3	0.65	6.5
March	45.1	19.8	32.5	1.32	8.5
April	59.0	30.5	44.8	1.94	6.8
May	69.3	41.7	55.5	3.04	0.8
June	79.3	50.9	65.1	2.82	0.0
July	86.5	57.5	72.0	2.34	0.0
August	86.0	56.0	72.0	1.54	0.0
September	76.9	44.6	60.7	1.16	0.0
October	61.7	31.6	46.7	1.42	1.3
November	45.0	18.4	31.7	0.74	4.7
December	33.2	7.8	20.5	0.90	5.9
Annual	59.6	31.5	45.5	18.47	39.9

January Average Temperature

WARMEST			COLDEST		
AVG	YEAR		AVG	YEAR	
33.8	2006		0.9	1979	
30.3	1992		3.1	1978	
29.6	1981		5.3	1982	
28.5	1983		6.9	1977	
27.1	1990		8.9	1993	
25.5	1987		9.0	1996	
25.1	2012		10.3	1997	
24.1	2001		11.9	1994	
23.8	2002		12.4	1991	
23.7	1986		12.6	1985	

Rainfall

WETTEST				DRIEST			
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR	AMOUNT	YEAR
1.60	1996	0.83	01/04/1997	0.01	1980		
1.43	1997	0.60	01/16/2002	0.07	1979		
1.30	1986	0.60	01/15/2001	0.11	1978		
1.30	1982	0.55	01/16/1999	0.15	1984		
1.15	1994	0.50	01/12/1995	0.16	2007		
1.10	2001	0.50	01/17/1990	0.18	2009		
1.07	1999	0.50	01/21/1986	0.20	1992		
1.00	2002	0.43	01/09/1993	0.20	1989		
0.84	2011	0.41	01/03/2017	0.22	2015		
0.84	1993	0.40	01/22/1988	0.23	2016		

Snowfall

GREATEST				LEAST			
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR	AMOUNT	YEAR
15.0	1986	8.3	01/04/1997	0.1	1980		
14.5	2011	6.0	01/16/2002	1.0	2007		
14.3	1997	6.0	01/15/2001	1.0	1995		
13.0	1982	5.0	01/09/1993	1.5	2006		
11.0	2001	5.0	01/17/1990	1.8	2012		
11.0	1994	5.0	01/21/1986	2.0	1998		
11.0	1986	4.0	01/03/2017	2.0	1992		
10.0	2002	4.0	01/09/2005	2.0	1984		
9.5	2017	4.0	01/05/1997	2.0	1983		
9.0	1977	4.0	01/25/1996	2.0	1978		

February Average Temperature

WARMEST			COLDEST		
AVG	YEAR		AVG	YEAR	
34.5	1999		3.2	2019	
34.2	1983		6.4	2018	
33.7	1998		7.6	1979	
32.6	2016		9.9	1993	
32.1	1992		10.1	1978	
31.7	1984		10.8	1994	
30.5	1991		11.1	1989	
30.4	1987		11.3	2001	
30.2	1976		11.9	1975	
30.0	2005		12.6	2010	

Rainfall

WETTEST				DRIEST			
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR	AMOUNT	YEAR
2.78	1986	1.02	02/10/1976		TR		1999
2.36	1978	1.00	02/26/2000		TR		1992
1.77	1987	0.90	02/18/1991		TR		1985
1.73	2011	0.83	02/15/1986		TR		1984
1.70	2000	0.82	02/28/1998		TR		1983
1.67	1998	0.74	02/27/1987		TR		1975
1.40	1991	0.64	02/21/2011			0.03	2013
1.32	1976	0.62	02/10/2009			0.09	1982
1.24	2019	0.60	02/20/2011			0.11	2015
1.17	1979	0.60	02/07/2001			0.13	2005

Snowfall

GREATEST				LEAST			
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR	AMOUNT	YEAR
25.0	1985	8.5	02/17/2019		TR		1999
23.6	1978	8.5	02/18/1991		TR		1992
21.9	2018	8.0	02/28/1998		TR		1985
20.0	1993	6.5	02/21/2011		TR		1984
19.5	2011	6.5	02/29/2011		TR		1983
18.2	2019	6.0	02/13/2007		TR		1975
18.0	1979	6.0	02/07/2001			1.0	2013
13.5	1991	5.5	02/29/2012			1.7	1977
12.5	1987	5.5	02/12/1978			2.0	2017
12.0	2000	5.0	03/14/2019			2.0	2015

March Average Temperature

WARMEST			COLDEST		
AVG	YEAR		AVG	YEAR	
45.3	2012		20.4	2002	
41.1	2007		22.3	2019	
40.3	1986		23.0	1975	
39.6	2016		23.0	1975	
39.4	2015		23.4	1995	
39.4	1992		23.8	2009	
39.3	1981		23.8	1998	
38.2	2004		24.4	1989	
37.3	1999		24.7	2011	
36.9	2005		26.2	2018	

Rainfall

WETTEST				DRIEST			
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR	AMOUNT	YEAR
4.04	2000	2.35	03/24/2009		TR		1981
3.70	2009	2.02	03/31/2000		0.05		1994
3.37	1987	1.60	03/21/1987		0.20		2001
3.26	1998	1.52	03/01/1998		0.20		1978
3.18	1977	1.50	03/30/1977		0.21		2013
3.06	1989	1.43	03/29/1977		0.22		2012
2.76	1982	1.30	03/09/2000		0.25		2015
2.45	1985	1.17	03/12/1988		0.30		1997
2.09	1993	1.02	03/01/2004		0.30		1992
2.01	2006	1.02	03/14/1989		0.33		2008

Snowfall

GREATEST				LEAST			
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR	AMOUNT	YEAR
35.0	2009	14.0	03/01/1998		0.0		2012
27.0	1998	12.0	03/24/2009		TR		1984
24.1	1989	10.0	03/31/2009		TR		1981
23.0	2006	8.1	03/14/1989		0.2		1992
21.0	1982	7.0	03/10/2009		1.0		2015
18.0	1987	8.0	03/17/1986		1.0		1991
18.0	1985	7.0	03/01/2004		2.0		2001
14.5	1984	6.0	03/17/2018		2.0		1978
14.5	1977	6.0	03/09/2000		2.5		2013
12.5	2018	6.0	03/12/1988		3.0		1997

April Average Temperature

WARMEST			COLDEST		
AVG	YEAR		AVG	YEAR	
52.8	1981		35.8	2018	
51.5	2006		37.7	1997	
49.8	1977		38.2	2013	
49.7	1985		38.3	1976	
49.7	1980		39.1	1995	
49.6	2012		39.5	2009	
49.3	1987		40.6	1982	
48.1	2005		41.1	1983	
47.4	2004		41.4	1996	
47.1	1976		41.5	1979	

Rainfall

WETTEST				DRIEST			
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR	AMOUNT	YEAR
6.50	2000	2.00	04/07/2000		0.17		1987
4.64	1986	1.68	04/28/1975		0.17		1981
3.70	1975	1.40	04/28/1975		0.25		2002
3.67	1997	1.25	04/27/1984		0.34		1977
3.48	1999	1.24	04/24/2008		0.35		1985
3.48	1984	1.18	04/12/1996		0.62		1979
3.46	2016	1.14	04/28/2012		0.65		1988
3.16	1978	1.10	04/18/1978		0.70		1998
2.91	1995	1.07	04/19/2016		0.73		2015
2.72	2006	1.03	04/21/1997		0.84		1982

Snowfall

GREATEST				LEAST			
AMOUNT	YEAR	AMOUNT	DAY	AMOUNT	YEAR	AMOUNT	YEAR
17.0	1996	10.0	04/04/2009		0.0		2012
16.0	2009	8.0	04/01/1999		0.0		2005
15.0	2018	8.0	04/12/1996		0.0		1985
15.0	1997	8.0	04/13/1986		0.0		1981
14.5	2013	7.0	04/09/2013		TR		2015
14.0	1986	8.0	04/27/1984		TR		1998
13.0	1994	7.0	04/09/2013		TR		1987
13.0	1984	6.5	04/14/2018		TR		1978
12.0	1999	6.0	04/03/2018		TR		1975
11.0	2001	6.0	04/06/2008		1.0		2004

May

Average Temperature				
WARMEST			COLDEST	
AVG	YEAR		AVG	YEAR
63.5	1977		48.3	2019
62.7	1985		49.7	1996
60.1	1980		51.0	2011
60.4	2018		51.1	2002
59.9	2007		51.3	1995
59.8	1987		51.5	1997
59.4	1988		51.7	1979
58.7	1994		52.4	2015
58.4	2006		52.5	2010
58.2	1992		52.7	2008

Rainfall

WETTEST					DRIEST				
AMOUNT	YEAR	AMOUNT	DAY	YEAR	AMOUNT	YEAR	AMOUNT	DAY	YEAR
8.15	2008	2.55	05/02/2008		0.52	1994			
7.33	2015	2.08	05/10/2011		0.69	1979			
7.21	1995	1.98	05/16/2015		0.82	1989			
6.76	1986	1.94	05/06/2007		0.89	1980			
6.37	1982	1.90	05/25/2010		0.99	1977			
6.05	2010	1.89	05/07/2015		1.04	2016			
6.02	2011	1.86	05/09/1995		1.05	2017			
5.28	2019	1.82	05/20/1982		1.06	2006			
3.74	1987	1.80	05/22/2019		1.38	1984			
3.61	2000	1.77	05/24/1990		1.51	2009			

Snowfall

GREATEST					LEAST				
AMOUNT	YEAR	AMOUNT	DAY	YEAR	AMOUNT	YEAR	AMOUNT	DAY	YEAR
12.0	2008	8.0	05/10/2015		0.0	MANY			
8.0	2015	6.0	05/02/2008						
4.0	2005	5.0	05/03/2008						
4.0	1991	4.0	05/03/1991						
2.0	2010	3.0	05/12/2005						
1.0	1983	2.0	05/13/2010						
TR	2014	1.0	05/11/2008						
TR	2011	1.0	05/11/1983						
			05/08/2014						

June

Average Temperature				
WARMEST			COLDEST	
AVG	YEAR		AVG	YEAR
75.7	1988		59.6	1998
70.9	1977		59.7	1993
70.4	2016		61.4	2009
70.0	2012		61.9	2004
67.7	2006		61.9	1985
69.3	2002		62.2	1982
69.3	1980		62.4	2000
68.9	2007		62.4	1999
68.2	2017		62.5	1989
67.9	1987		62.8	1995

Rainfall

WETTEST					DRIEST				
AMOUNT	YEAR	AMOUNT	DAY	YEAR	AMOUNT	YEAR	AMOUNT	DAY	YEAR
6.68	2014	3.08	06/15/1980		0.70	1987			
5.94	2008	2.48	06/30/1988		0.83	1982			
5.73	1984	2.31	06/22/1995		1.16	2012			
5.31	1998	2.15	06/20/2018		1.20	2004			
4.88	1999	2.15	06/02/2008		1.22	2002			
4.59	2010	2.10	06/15/1976		1.27	1996			
4.50	1995	1.94	06/23/2010		1.32	2006			
4.45	1993	1.53	06/14/1986		1.48	2016			
4.39	2005	1.45	06/19/1975		1.74	1997			
4.38	1975	1.42	06/13/1981		1.78	1983			

Snowfall

GREATEST					LEAST				
AMOUNT	YEAR	AMOUNT	DAY	YEAR	AMOUNT	YEAR	AMOUNT	DAY	YEAR

July

Average Temperature				
WARMEST			COLDEST	
AVG	YEAR		AVG	YEAR
79.6	2006		63.1	1992
78.7	2012		64.1	1993
78.4	2002		69.3	1994
77.7	2007		70.0	1995
77.2	2017		70.2	1996
77.1	1985		70.4	2014
76.9	1980		70.5	1999
76.0	1989		70.5	1986
75.6	2005		70.8	2019
75.5	1977		70.9	1997

Rainfall

WETTEST					DRIEST				
AMOUNT	YEAR	AMOUNT	DAY	YEAR	AMOUNT	YEAR	AMOUNT	DAY	YEAR
7.20	1993	2.58	07/04/2009		0.00	2014			
6.04	2019	2.08	07/21/1993		0.40	2006			
5.29	2009	1.75	07/20/2019		0.41	1988			
5.07	2004	1.74	07/07/1994		0.59	1987			
4.76	1992	1.73	07/05/2004		0.66	1985			
4.02	1977	1.45	07/20/1999		0.77	2002			
3.63	2001	1.44	07/24/1977		0.87	1982			
3.54	1997	1.40	07/05/1977		0.92	1975			
3.37	1981	1.35	07/28/2015		0.97	2017			
3.35	1999	1.28	07/14/2009		1.06	2007			

Snowfall

GREATEST					LEAST				
AMOUNT	YEAR	AMOUNT	DAY	YEAR	AMOUNT	YEAR	AMOUNT	DAY	YEAR

August

Average Temperature				
WARMEST			COLDEST	
AVG	YEAR		AVG	YEAR
78.7	1983		64.0	1992
76.0	1984		66.0	1993
74.5	2001		66.1	2004
74.3	2000		66.7	2009
73.9	1976		66.8	1987
73.5	1990		67.1	1977
73.3	2007		67.7	1986
73.3	1995		69.4	2017
73.2	2006		69.7	2018
73.1	2013		69.7	1997

Rainfall

WETTEST					DRIEST				
AMOUNT	YEAR	AMOUNT	DAY	YEAR	AMOUNT	YEAR	AMOUNT	DAY	YEAR
4.07	1987	2.51	08/07/1991		0.05	1990			
3.39	1991	2.45	08/05/1986		0.11	1994			
3.21	2009	1.29	08/08/2002		0.12	2000			
3.10	2014	1.28	08/01/1996		0.20	1975			
2.95	2015	1.24	08/04/2008		0.30	1976			
2.95	2008	1.23	08/04/1991		0.37	2001			
2.82	1981	1.19	08/22/1983		0.48	1988			
2.52	1988	1.08	08/18/2015		0.56	2012			
2.47	2013	1.06	08/15/1978		0.62	1989			
2.33	1998	1.05	08/07/2009		0.62	1979			

Snowfall

GREATEST					LEAST				
AMOUNT	YEAR	AMOUNT	DAY	YEAR	AMOUNT	YEAR	AMOUNT	DAY	YEAR

September

Average Temperature				
WARMEST			COLDEST	
AVG	YEAR		AVG	YEAR
67.4	1998		53.4	1993
66.3	2015		53.8	1986
66.1	2013		54.8	1984
65.5	1979		55.7	1999
65.4	1990		57.3	2006
65.4	1978		57.8	1985
64.6	2005		58.1	2010
64.1	1976		58.1	1988
63.4	2009		58.2	1975
63.1	2004		58.5	1996

Rainfall

WETTEST					DRIEST				
AMOUNT	YEAR	AMOUNT	DAY	YEAR	AMOUNT	YEAR	AMOUNT	DAY	YEAR
4.11	1986	2.12	09/23/1977		0.00	2012			
3.41	1977	1.83	09/25/1986		0.06	1979			
3.27	1996	1.68	09/18/1996		0.06	1976			
2.71	2006	1.18	09/28/1982		0.10	1998			
2.36	2010	1.15	09/23/2006		0.10	1975			
2.28	2004	0.97	09/30/2014		0.21	2000			
1.90	1992	0.95	09/06/1981		0.29	1997			
1.82	2014	0.89	09/21/1989		0.32	2007			
1.69	2013	0.87	09/24/2016		0.33	1999			
1.47	2016	0.81	09/10/2010		0.37	1990			

Snowfall

GREATEST					LEAST				
AMOUNT	YEAR	AMOUNT	DAY	YEAR	AMOUNT	YEAR	AMOUNT	DAY	YEAR
TR	1985	TR	09/30/1985						
TR	1984	TR	09/23/1984						

October

Average Temperature				
WARMEST			COLDEST	
AVG	YEAR		AVG	YEAR
50.9	2015		38.9	2009
50.9	2010		39.2	2002
50.3	2016		41.9	2013
50.2	2014		42.0	2018
50.0	2011		44.0	1987
49.4	1980		44.3	2012
49.2	1979		44.3	2006
49.1	2007		44.4	1993
49.0	1977		44.4	1991
48.8	2005		44.9	1990

November

Average Temperature

	WARMEST		COLDEST	
	AMOUNT	YEAR	AMOUNT	YEAR
1	41.8	1999	14.8	1985
2	40.8	2016	20.9	1996
3	38.8	2009	23.4	2000
4	38.7	1980	24.0	2003
5	38.1	2001	26.1	1978
6	38.1	1981	26.2	1991
7	37.9	1987	26.7	2014
8	36.9	2005	27.2	1993
9	36.1	1990	27.2	1986
10	35.5	2012	27.4	1976

December

Average Temperature

	WARMEST		COLDEST	
	AMOUNT	YEAR	AMOUNT	YEAR
1	30.9	1999	1.3	1983
2	29.3	2004	9.0	1996
3	29.0	1979	9.9	1984
4	28.2	1991	11.8	2016
5	27.8	1997	11.8	1978
6	27.7	1987	12.1	2000
7	26.6	2003	13.1	2009
8	26.1	2002	13.4	1992
9	25.8	1986	13.6	2013
10	25.3	2011	13.6	1990

Rainfall

	WETTEST			DRIEST		
	AMOUNT	YEAR	DAY	AMOUNT	YEAR	DAY
1	2.94	1985	11/06/2008	TR	2009	
2	2.85	2008	11/01/2000	TR	1997	
3	2.50	2000	11/18/1984	TR	1990	
4	2.05	1977	11/08/1984	TR	1980	
5	1.65	1984	11/20/1977	TR	1979	
6	1.54	1994	11/27/1989	TR	1976	
7	1.28	1992	11/08/1985	TR	2007	
8	1.12	1996	11/26/1977	TR	1987	
9	1.10	1986	11/07/2000	TR	2002	
10	1.01	1989	11/18/1985	TR	2006	

Rainfall

	WETTEST			DRIEST		
	AMOUNT	YEAR	DAY	AMOUNT	YEAR	DAY
1	2.50	1985	12/01/1984	0.00	1991	
2	2.12	1986	12/02/1983	TR	1997	
3	1.88	1984	12/23/1984	0.01	1978	
4	1.80	1993	12/28/2016	0.04	1987	
5	1.40	1980	12/19/1985	0.06	2006	
6	1.37	1983	12/28/2009	0.10	1995	
7	1.35	2009	12/28/1988	0.10	1986	
8	1.29	2016	12/17/1993	0.10	1979	
9	1.16	1992	12/13/1992	0.12	2004	
10	1.13	1977	12/03/1993	0.13	2003	

Snowfall

	GREATEST			LEAST		
	AMOUNT	YEAR	DAY	AMOUNT	YEAR	DAY
1	28.4	1985	11/20/1977	0.0	2009	
2	13.0	2008	11/09/1984	0.0	2004	
3	12.0	1998	11/06/2008	TR	2018	
4	12.0	1977	11/18/1994	TR	2007	
5	11.3	2003	11/18/1985	TR	2002	
6	10.1	1986	11/08/1985	TR	1997	
7	9.3	2010	11/22/2010	TR	1990	
8	8.8	1984	11/22/2003	TR	1980	
9	7.0	1994	11/11/2012	TR	1979	
10	6.0	2000	11/10/2006	0.5	1999	

Snowfall

	GREATEST			LEAST		
	AMOUNT	YEAR	DAY	AMOUNT	YEAR	DAY
1	21.5	2009	12/28/2009	0.0	1991	
2	21.0	1985	12/01/1984	TR	1997	
3	19.0	1996	12/28/2016	1.0	1995	
4	18.2	1984	12/02/1983	1.0	1986	
5	17.9	2016	12/17/1993	1.0	1979	
6	14.0	2015	12/23/1984	1.0	1978	
7	14.0	1983	12/26/1988	1.5	2004	
8	13.2	2018	12/17/2016	2.0	2006	
9	12.2	1977	12/26/2015	2.0	2003	
10	12.0	1993	12/07/2012	2.0	1998	

Annual Temperature

	WARMEST		COLDEST	
	AMOUNT	YEAR	AMOUNT	YEAR
1	49.1	1981	40.2	1996
2	48.7	2012	41.0	1993
3	48.7	2006	42.5	1978
4	48.3	1987	42.7	2009
5	48.2	1980	42.8	2018
6	47.8	2016	43.1	1975
7	47.6	2007	43.5	2008
8	47.3	2005	43.7	2014
9	47.0	1998	43.8	2011
10	46.7	2004	43.8	2010

Annual Rainfall

	Wettest		Driest	
	AMOUNT	YEAR	AMOUNT	YEAR
1	29.57	2008	8.87	1979
2	28.36	1986	9.44	2002
3	26.87	2000	10.87	2012
4	25.62	1998	11.55	2017
5	25.42	1995	12.42	2006
6	24.97	1996	12.66	1988
7	24.56	1993	13.16	2007
8	23.38	1982	13.58	1983
9	22.87	1977	14.51	2016
10	22.72	2009	15.17	1980

Snowfall

	Most Snow		Least Snow	
	AMOUNT	YEAR	AMOUNT	YEAR
1	108.4	1985-86	15.1	1979-80
2	85.5	2008-09	19.0	2001-02
3	66.2	2010-11	20.2	1981-82
4	64.9	2013-14	22.6	1980-81
5	63.3	1996-97	23.5	1982-83
6	63.1	2017-18	25.3	1987-88
7	53.5	2005-06	29.0	2006-07
8	53.5	1992-93	29.6	1989-90
9	53.0	1995-96	30.5	2004-05
10	51.8	1977-78	32.3	2003-04

Top 30 Precipitation Events

	Rainfall		Snowfall	
	AMOUNT	DATE	AMOUNT	DATE
1	3.08	06/15/1980	16.3	10/05/2013
2	2.88	10/05/2013	14.0	03/01/1998
3	2.58	07/04/2009	12.0	03/24/2009
4	2.55	05/02/2008	11.0	12/28/2009
5	2.51	08/07/1991	10.0	04/04/2009
6	2.48	06/30/1988	10.0	03/31/2009
7	2.45	08/05/1986	9.2	12/01/1984
8	2.35	03/24/2009	8.5	02/17/2019
9	2.31	06/22/1995	8.5	02/18/1991
10	2.15	06/20/2018	8.3	01/04/1997
11	2.15	06/06/2008	8.1	03/14/1989
12	2.12	09/23/1977	8.0	12/28/2016
13	2.10	06/15/1976	8.0	05/10/2015
14	2.08	05/10/2011	8.0	03/10/2009
15	2.08	07/21/1993	8.0	04/01/1999
16	2.07	11/06/2008	8.0	02/26/1998
17	2.02	03/31/2000	8.0	04/12/1996
18	2.00	04/07/2000	8.0	03/17/1989
19	1.98	05/16/2015	8.0	04/13/1986
20	1.95	10/17/1998	8.0	04/27/1984
21	1.94	06/23/2010	8.0	11/20/1977
22	1.94	05/06/2007	7.5	12/02/1983
23	1.90	06/25/2010	7.4	11/09/1984
24	1.89	05/07/2015	7.0	04/09/2013
25	1.86	05/09/1995	7.0	11/06/2008
26	1.85	10/08/1982	6.5	04/14/2018
27	1.83	09/25/1986	6.5	04/28/2016
28	1.82	05/20/1982	6.5	02/21/2011
29	1.80	05/22/2019	6.5	02/20/2011
30	1.77	05/24/1990	6.0	04/03/2018