

Precipitation Totals from Various Locations from 2000 to August 2012

Exhibit MJF - 2

South Dakota Cooperative Observation Stations

Station	Normal (1971-2000)	2000 Total	2001 Total	2002 Total	2003 Total	2004 Total	2005 Total	2006 Total	2007 Total	2008 Total	2009 Total	2010 Total	2011 Total	2012 YTD
Ardmore	17.21	19.1	18.2	13.3	19.1	15.5	17.4	14.7	16.3	Missing	19.9	17.5	8.9	9.6
Bison	17.33	16.7	17.1	10.32*	17.9	16.3	20.1	12.5	16.8	21.3	19.0	21.0	21.0	10.9
Camp Crook	14.33	14.1	13.4	8.9	14.8	13.5	13.9	11.1	16.7	22.4	13.6	20.5	19.8	10.8
Cedar Butte	19.36	15.8	20.9	12.7	17.0	18.26*	20.3	16.6	26.0	21.2	20.5	22.1	23.6	12.4
Cottonwood	16.91	14.4	17.0	12.6	11.2	14.7	15.9	12.5	12.9	21.9	17.1	18.4	19.9	10.9
Custer	18.47	14.6	21.4	18.2	17.4	12.8	15.8	19.0	21.0	21.7	19.9	22.4	22.9	12.1
Deadwood	28.33	35.7	25.8	23.2	28.8	25.0	28.5	36.1	33.5	45.2	35.3	34.4	27.3	Missing
Dupree	16.5	20.2	12.6	8.3	13.3	19.8	17.2	11.2	19.5	25.2	19.5	26.2	24.1	11.8
Edgemont	16.26	14.5	18.1	13.1	14.7	12.4	20.1	11.3	14.7	15.5	15.0	15.7	13.8	8.2
Elm Springs	17.06	19.8	14.1	11.3	16.0	16.1	16.0	12.5	13.5	25.5	20.7	19.0	22.0	7.4
Faith	16.37	20.7	14.8	10.0	11.3	21.9	16.8	15.1	20.1	26.7	20.2	22.5	20.4	12.1
Fort Meade	20.45	23.6	15.1	14.3	16.5	13.5	20.6	19.7	21.8	29.4	22.0	19.4	23.5	8.7
Glad Valley	17.52	19.8	16.9	8.0	17.3	18.3	14.8	10.9	17.1	25.4	23.2	20.8	19.6	12.3
Hermosa	16.59	14.8	14.3	12.0	13.1	13.0	13.3	16.6	14.5	23.2	20.4	21.6	23.7	10.8
Hill City	21.06	19.7	21.2	17.0	19.5	13.9	19.2	17.5	16.5	25.9	20.6	20.6	22.1	14.3
Hot Springs	17.35	16.2	12.4	13.0	17.8	12.7	18.5	13.7	14.6	19.9	20.8	25.6	17.7	9.8
Interior	18.01	17.6	19.1	13.3	15.8	12.8	17.4	13.1	17.5	25.6	17.7	18.2	21.2	11.2
Lead	28.45	31.9	24.9	22.8	27.0	21.0	30.1	33.4	30.7	42.9	35.1	33.0	30.8	18.4
Lemmon	18.2	17.9	18.7	8.4	15.6	12.1	19.6	12.3	17.6	21.9	22.6	25.6	18.7	12.2
Martin	18.71	18.9	18.2	11.7	15.3	19.5	23.1	15.2	19.4	20.2	23.3	17.3	25.7	9.0
Milesville	19.56	20.5	18.4	11.6	13.2	21.0	21.7	14.3	17.5	31.3	21.5	24.6	21.0	9.2
Mission	20.87	24.5	23.1	11.1	14.3	21.7	23.3	18.3	21.6	24.3	24.0	19.5	28.7	11.4
Mt Rushmore	21.35	18.3	24.8	20.2	17.5	16.3	17.6	19.5	15.7	24.2	27.4	23.7	29.4	12.9
Newell	15.56	13.4	10.8	10.4	12.8	12.0	16.6	12.7	14.8	23.8	16.6	16.7	20.0	9.2
Oelrichs	16.91	17.2	13.5	13.2	20.8	10.9	19.7	14.7	12.7	Missing	7.8	18.4	16.0	11.3
Opal/Maurine	17.81	26.8	14.8	9.1	Missing	19.0	16.7	12.4	13.4	29.6	22.7	21.3	19.2	9.3
Oral	16.73	15.8	15.0	12.7	15.7	11.2	15.7	12.1	12.5	19.8	20.3	26.0	17.6	9.7
Pactola Dam	20.39	20.2	22.0	16.9	16.5	14.0	18.0	17.8	16.1	26.0	22.1	21.5	22.8	12.3
RC Airport	16.63	15.1	14.3	10.3	11.0	13.2	14.4	11.7	12.4	20.6	18.7	19.2	19.4	10.1
Red Owl	16.09	22.8	15.7	10.8	15.9	17.9	16.2	12.8	18.3	29.7	22.0	20.4	20.5	10.7
Spearfish	22.25	21.8	15.7	14.5	20.0	14.4	19.9	18.2	21.0	36.08*	20.9	22.8	14.1	10.6
Winner	23.7	15.3	26.4	13.6	15.4	21.8	22.7	17.7	32.0	23.5	23.8	25.2	27.6	7.8
Wood	18.85	18.2	24.9	13.9	19.2	20.1	22.2	17.4	23.1	21.0	21.4	18.4	24.9	13.0

Info located: http://www.crh.noaa.gov/unr/?n=annual_precipitation

Wyoming Cooperative Observation Stations

Station	Normal (1971-2001)	2000 Total	2001 Total	2002 Total	2003 Total	2004 Total	2005 Total	2006 Total	2007 Total	2008 Total	2009 Total	2010 Total	2011 Total	2012 YTD
Colony	14.88	12.2	12.9	Missing	12.4	10.0	11.0	Missing	Missing	18.2	17.6	13.2	14.5	7.1
Devils Tower	17.64	16.1	14.9	12.7	17.6	14.8	17.9	19.4	20.1	26.4	21.5	21.5	22.0	8.9
Dillinger	14.67	12.4	11.2	13.6	15.3	10.7	17.1	11.8	14.9	19.9	17.0	15.1	19.5	8.4
Gillette	17.14	14.6	15.8	14.3	15.9	12.0	14.3	10.3	21.1	20.6	14.2	18.9	26.3	10.8
Hulett	16.9	17.2	15.5	14.3	15.3	14.1	16.9	16.6	20.8	23.4	21.6	18.5	20.2	10.5
Newcastle	16.04	15.2	15.8	14.4	14.7	12.0	19.1	14.7	15.5	17.9	16.3	14.6	18.9	7.2
Upton	14.95	13.1	15.9	13.7	14.8	8.6	15.0	15.1	14.5	20.5	13.3	19.0	19.9	6.6
Wright	11	11.8	12.4	10.4	12.0	10.2	12.8	9.9	15.8	15.5	13.0	13.4	19.2	7.1
Sundance	18.78	19.7	15.6	15.1	17.1	13.5	15.7	19.2	15.8	22.8	19.6	20.5	19.2	12.6

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15% above 1971 -2000 annual rainfall average
15% below 1971-2000 annual rainfall average
Within 15% of 30 year average from 1971 to 2000