

# Montana Drought/Precipitation Summary

June 1, 2003

## Montana precipitation summary, May 2003.

In May, eastern and southern Montana had normal to above normal precipitation, while north central and northwest Montana had below normal precipitation. Water year deficits persist in north central and northwest sections. However, improvements were made to water year accumulations over most of the state.

### Historical Rank of Precipitation (inches) for the Past Month and Water Year to Date

Location	May 1 - May 31	% of Normal	Oct 1 - May 31	% of Normal	Rank	Years on Record
Billings	1.89	76	6.74	72	17 <sup>th</sup> driest	69
Bozeman	2.39	96	9.40	110	16 <sup>th</sup> wettest	62
Butte	1.14	56	6.10	90	38 <sup>th</sup> driest	84
Cut Bank	0.96	43	3.50	63	16 <sup>th</sup> driest	90
Dillon	1.01	56	5.11	103	19 <sup>th</sup> wettest	65
Glasgow	1.70	103	4.43	89	31 <sup>st</sup> driest	110
Great Falls	2.11	83	6.27	75	26 <sup>th</sup> driest	110
Havre	1.65	90	4.94	85	36 <sup>th</sup> driest	123
Helena	1.25	70	5.68	98	40 <sup>th</sup> driest	123
Kalispell	1.76	86	7.33	66	12 <sup>th</sup> driest	103
Lewistown	3.49	120	9.84	103	34 <sup>th</sup> wettest	77
Livingston	2.94	104	9.83	111	15 <sup>th</sup> wettest	54
Miles City	2.27	104	6.11	87	31 <sup>st</sup> driest	109
Missoula	2.50	128	9.59	109	16 <sup>th</sup> wettest	54

For an automated version of this chart, updated daily, go to  
<http://www.wrh.noaa.gov/cgi-bin/greatfalls/getproduct.pl?PCPNTOTALS>

For a state map of % of normal water year precipitation (updated around the 7<sup>th</sup> of each month), go to:  
[http://www.wrh.noaa.gov/Greatfalls/tfx.php?TEXT+wateryear\\_percent.html](http://www.wrh.noaa.gov/Greatfalls/tfx.php?TEXT+wateryear_percent.html)

For the latest information on mountain snow pack from the NRCS, go to:  
[Western Mountain Snowpack - NRCS](#)

For the latest U.S. Drought Monitor, issued weekly by the Climate Prediction Center (CPC), go to:  
[Drought Monitor](#)

## Montana precipitation forecast.

As of June 1<sup>st</sup>, CPC forecasts equal chances of wetter and drier than normal conditions across Montana for the period through August 2003. Graphics and text relating to these outlooks, and additional long-range forecasts can be found at  
[CPC long range predictions](#)

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Further inquiries about the moisture conditions can be directed to Dave Bernhardt, Gina Loss, or Ken Pomeroy at (406) 453-2081. Many more links can be found on the Drought Information Page of the NWS Great Falls web site at  
<http://www.wrh.noaa.gov/Greatfalls/tfx.php?HTML+drought>