

Montana Water Supply and Moisture Status by County - April, 2014



<http://drought.mt.gov>

Map Key

Drought Impact Type

Continental Divide

Moisture Status

- Extremely Moist
- Moderately Moist
- Slightly Moist
- Near Average (Normal)
- Slightly Dry
- Moderately Dry (Drought Alert)
- Extremely Dry (Severe Drought)

Drought Impact Types -

- A = Agricultural - Soil Moisture, Range conditions
- H = Hydrological - Water Supplies, Streamflow, Groundwater

Drought Alert - Governor's Drought

Advisory Committee strongly encourages local officials to convene local drought committees.

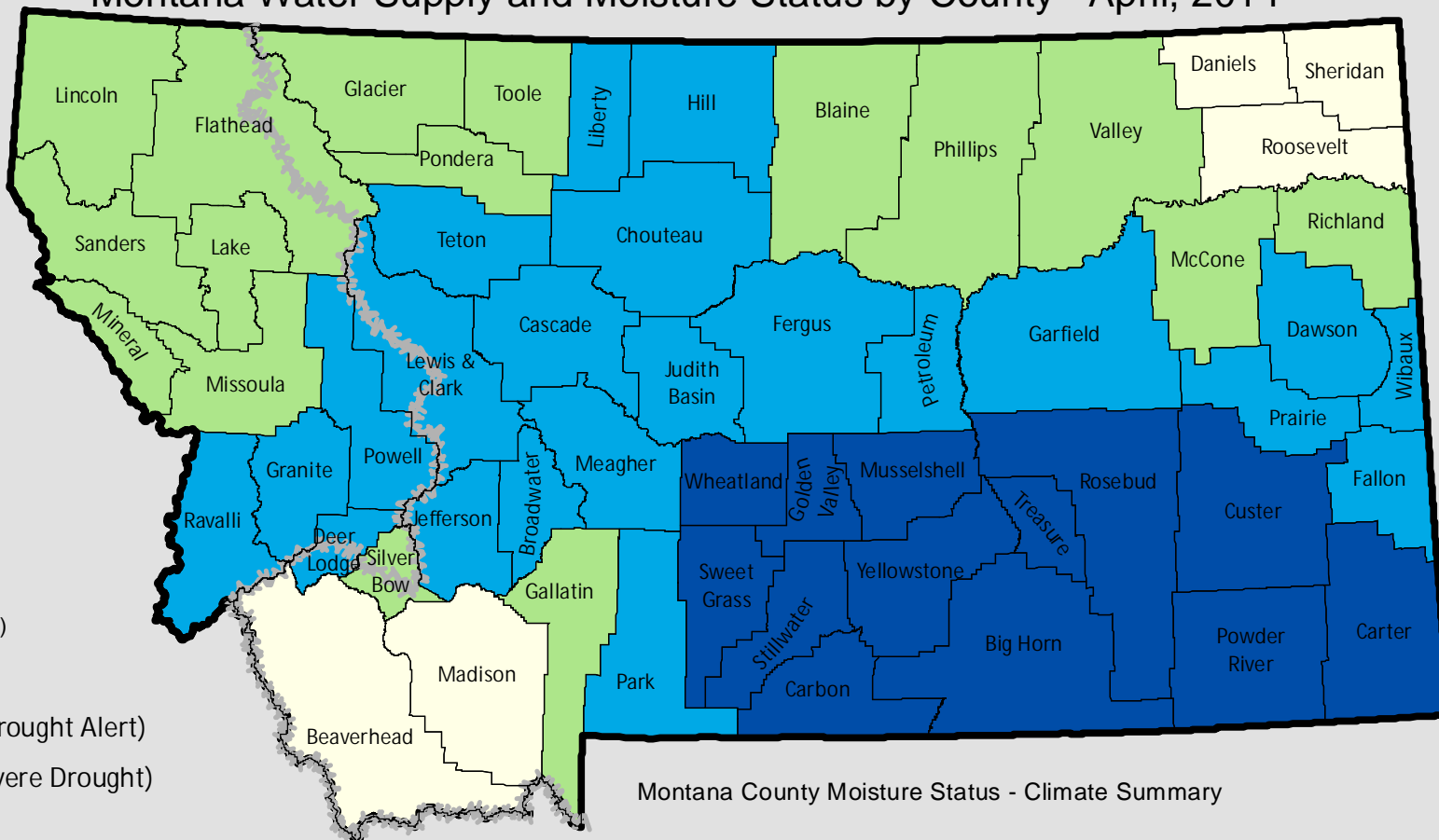
Severe Drought - Local officials

should have local drought planning efforts underway or should reconvene the local drought committee at the earliest opportunity.

For recommended responses, see the Montana Drought Plan



http://apps.msl.mt.gov/Geographic_Information/Maps/Drought



Montana County Moisture Status - Climate Summary

According to the National Weather Service Great Falls State Office, water year (October 1, 2013 – September 30, 2014) precipitation totals at valley elevations as of April 13, 2014 ranged from 80 to 110 percent of normal for the southwest region; 100 to 120 percent for the western region; 70- to 100-percent for the northeastern region; 110 to 130 percent for the central region; 90 to 120 percent for the northcentral region; 130 to 160 percent for the southcentral region, and 120 to 160 percent for the southeast region, with exceptions in all seven regions of the state.

<http://www.wr.noaa.gov/tx/dx.php?wfo=tx&type=&loc=products&fx=PCPNTOTALS>

The NRCS Snow Survey reports that as of April, 14, 2014 snow water equivalent (SWE) of the state's mountain snowpack for the water year ranges from the Kootenai Basin at 117 percent of average to the Bitterroot river basin at 157 percent. The Smith-Judith-Musselshell basins are currently at 145 percent of average; Lower Clark Fork was 140 percent of average, the Flathead 128 percent, the Headwaters Missouri Mainstem 154 percent, the Missouri Mainstem 150; the Sun-Teton-Marias basins, 147; the Lower Yellowstone 140, and the Tongue River Basin 146 percent.

<http://www.wcc.nrcs.usda.gov/cgibin/snowup-graph.pl?state=MT>

According to the April 14, 2014 Agricultural Statistics Service Montana Crop Progress report "seedlings continue to be delayed by another round of wintery weather that swept across the state through the latter half of the week. Both barley and spring wheat seedlings are behind last year with 3 percent of both barley and spring wheat seeded so far. Winter wheat condition is rated 65 percent good to excellent, compared to 53 percent good to excellent from last year and the 5- year average of 58 percent. Topsoil moisture adequate and surplus is 89 percent compared with 65 percent last year and the 5 year average of 76 percent. Subsoil moisture was 87 percent adequate and surplus compared to 50 percent last year and the 5 year average of 68 percent.