

Broadwater County Water Supply Forecast

March 3, 2016

Boulder Mountain snowpack remains normal whereas Tizer Basin is trailing slightly below normal (Based on the normal range of 90-109% from the USDA/NRCS National Water and Climate Center). Last year, both Tizer and Boulder snowpack remained normal throughout all of March. The tables below show that the lack of precipitation has negatively affected Tizer Basin, but it is nothing to fret about just yet. The water supply forecast for the Missouri Headwaters near Toston predicts that we will receive normal stream flows from April to July.

DURING THE BIG FIRE YR. OF 1988...
(YOU THINK WE GOT IT BAD NOW?)

- ◆ Maximum Snow Water Equivalent on Boulder Mountain only reached 14.3" on April 12, 1988.
- ◆ Deep Creek was dry for 74 days.



Boulder Mountain (Big Belts) Remains Normal

Boulder Mtn	Snow Depth (in)	*SWE (in)	% of Avg. SWE
Feb 1, 2015	39	11.3	89
Feb 1, 2016	50	13.4	106
		30 Year Avg. SWE = 12.7"	

Boulder Mtn	Snow Depth (in)	SWE (in)	% of Avg. SWE
Mar 1, 2015	50	14.4	93
Mar 1, 2016	56	16.5	106
		30 Year Avg. SWE = 15.5"	

Tizer Basin (Elkhorns) is Slightly Below Normal

Tizer Basin	Snow Depth (in)	SWE (in)	% of Avg. SWE
Feb 1, 2015	20	5.9	95
Feb 1, 2016	23	5.5	89
		30 Year Avg. SWE = 6.2"	

Tizer Basin	Snow Depth (in)	SWE (in)	% of Avg. SWE
Mar 1, 2015	29	6.9	92
Mar 1, 2016	23	6.1	81
		30 Year Avg. SWE = 7.5"	

*SWE = Snow Water Equivalent

Beginning in April, The District will be releasing **weekly stream flow reports**, as well as temperature and precipitation data, for specific areas in Broadwater County. For more information on snowpack, stream flow, and drought resiliency contact Katie Mumford at the BROADWATER CONSERVATION DISTRICT in Townsend.