

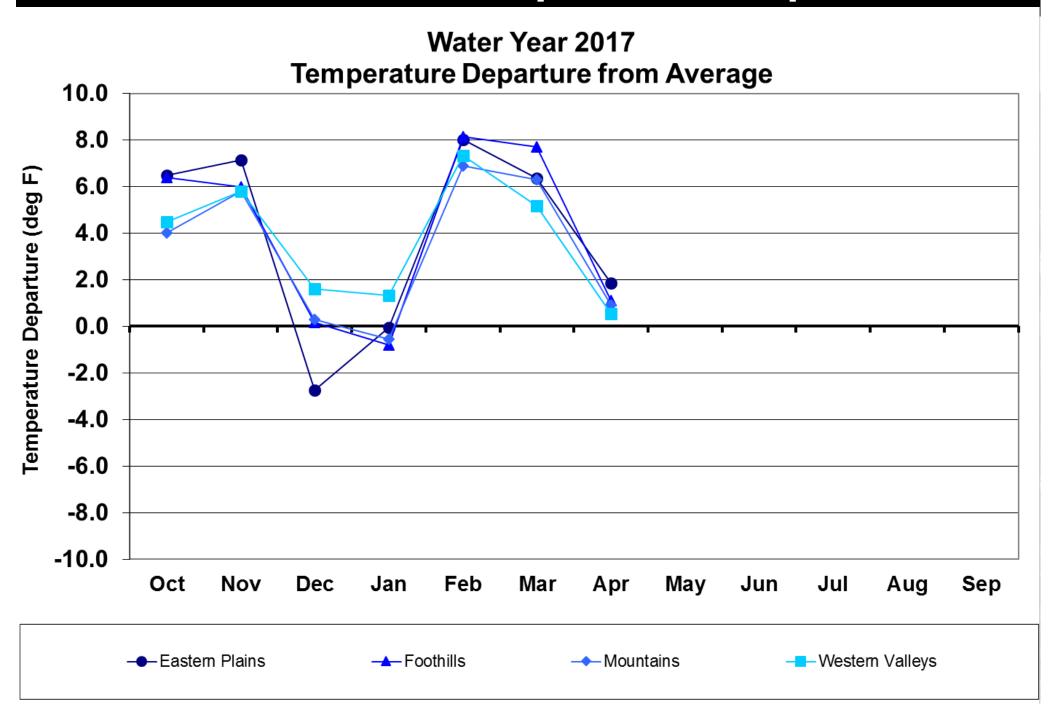


Climate Update

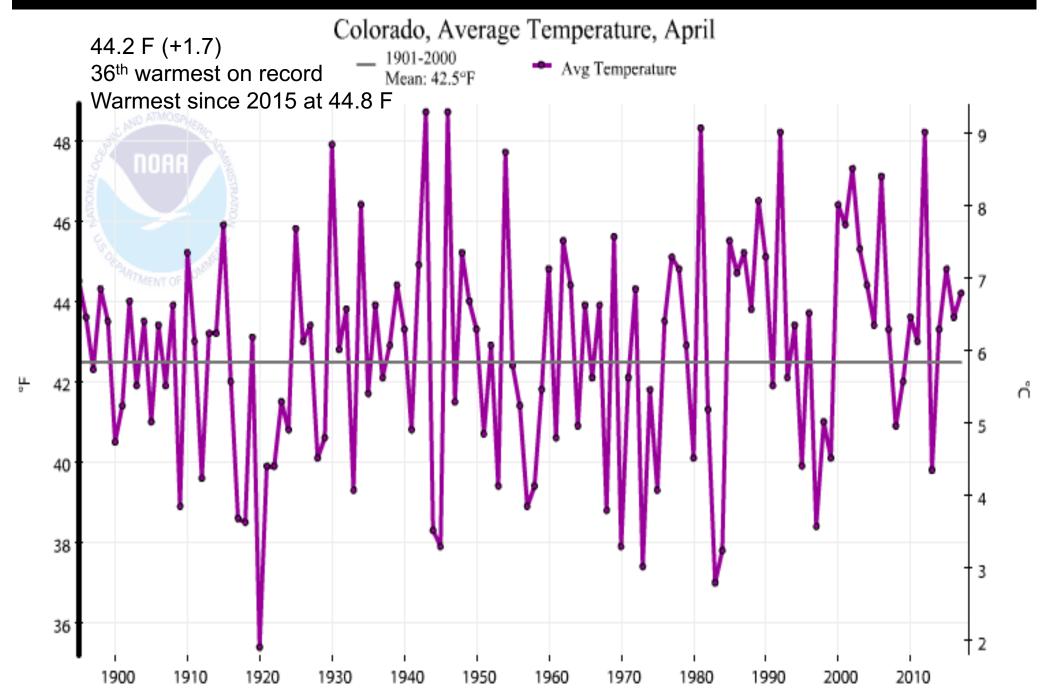
Becky Bolinger
Colorado Climate Center

Presented to Water Availability Task Force May 26, 2017 Denver, CO

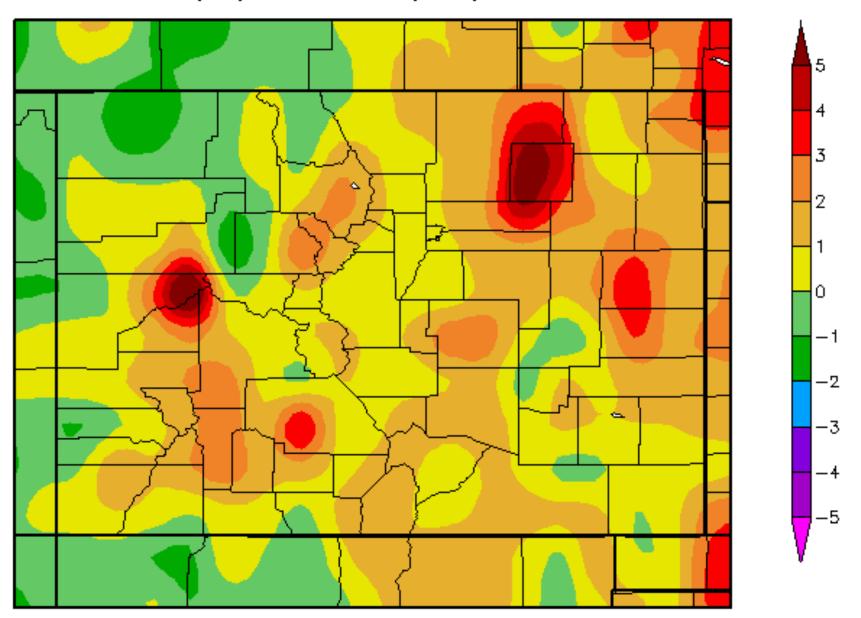
Water Year 2017 Temperature Departures



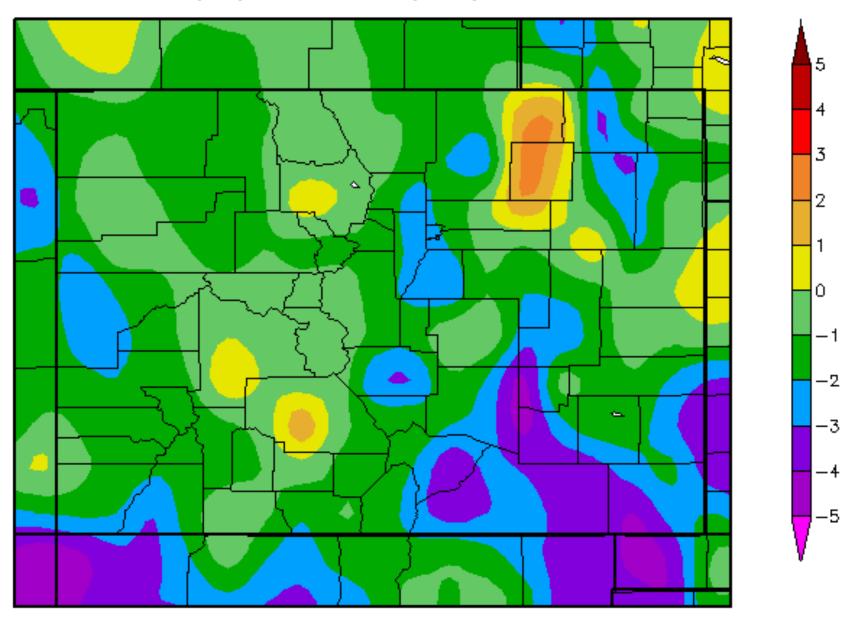
Apr 2017 Average Temperature History for Colorado (NCEI)



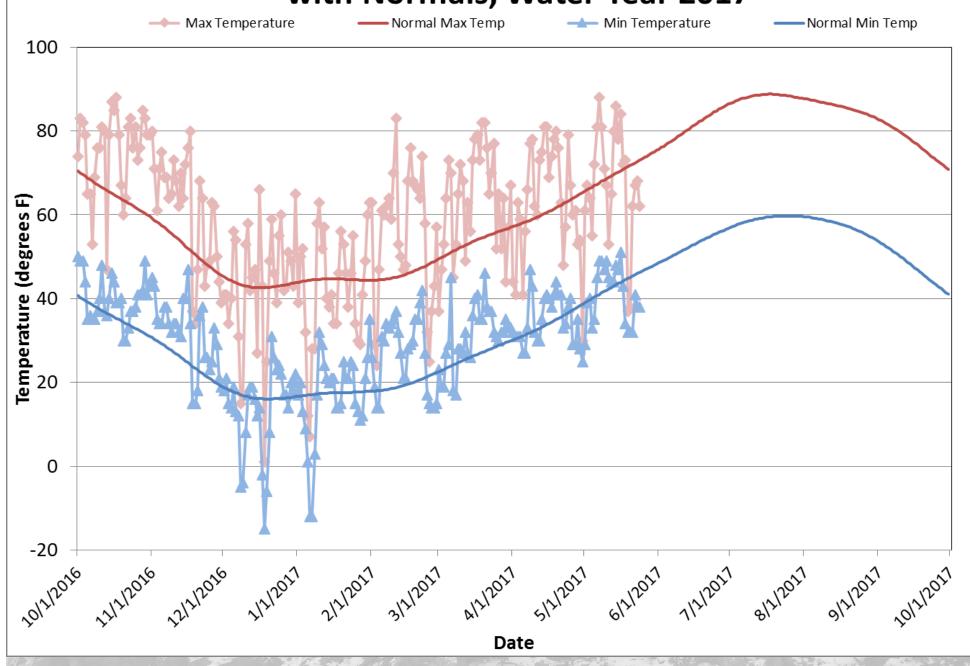
Departure from Normal Temperature (F) 4/1/2017 - 4/30/2017



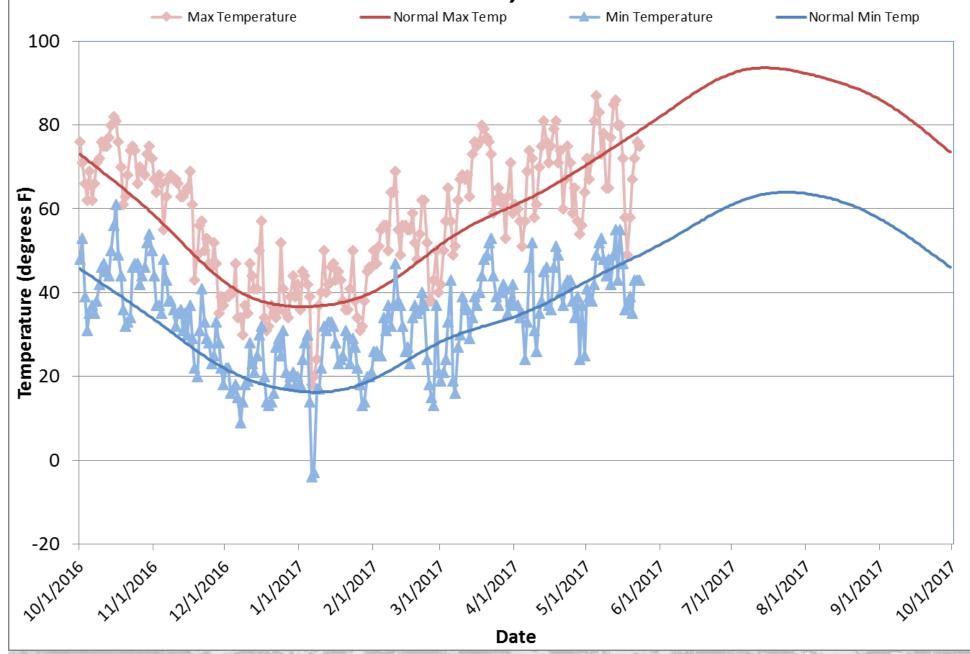
Departure from Normal Temperature (F) 5/1/2017 - 5/23/2017



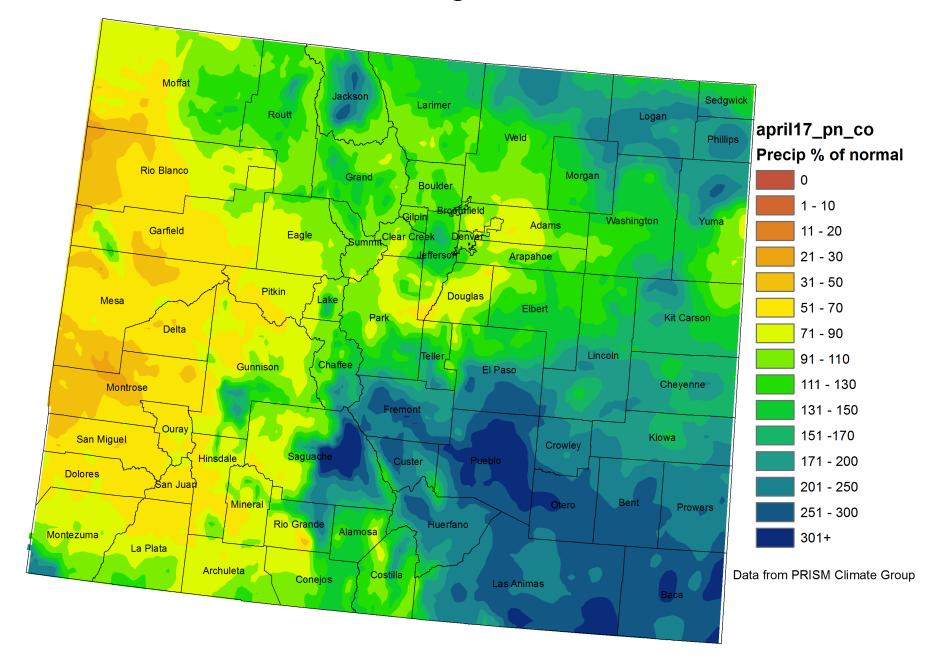




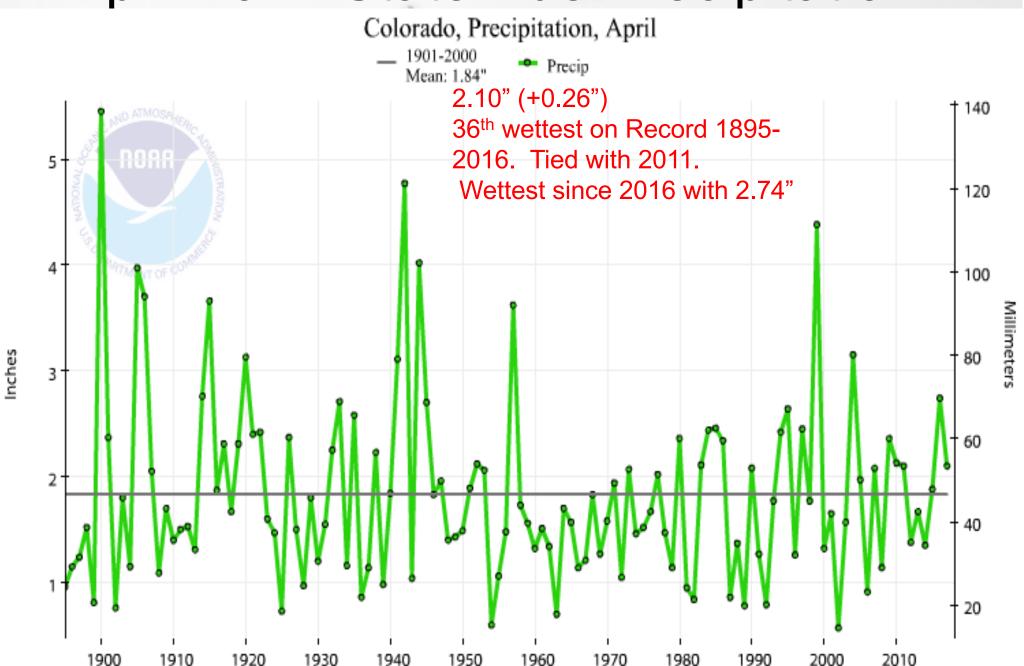




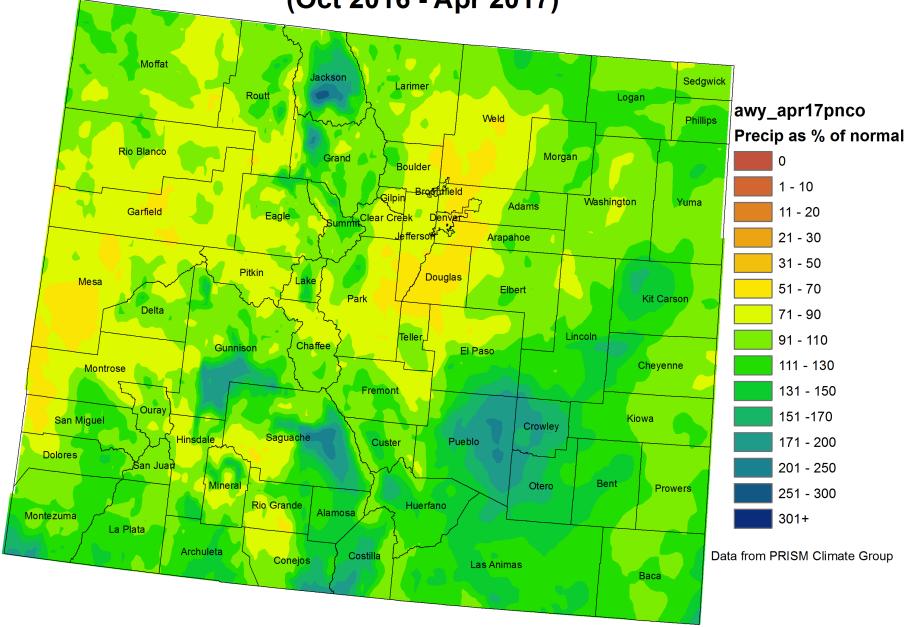
Colorado April 2017 Precipitation as a Percentage of Normal



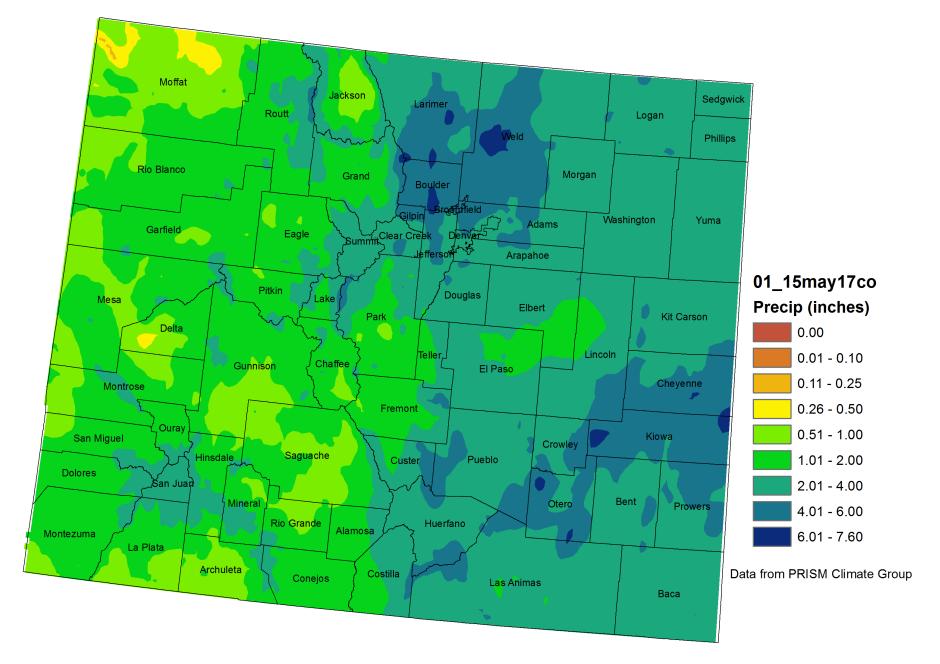
April 2017 Statewide Precipitation



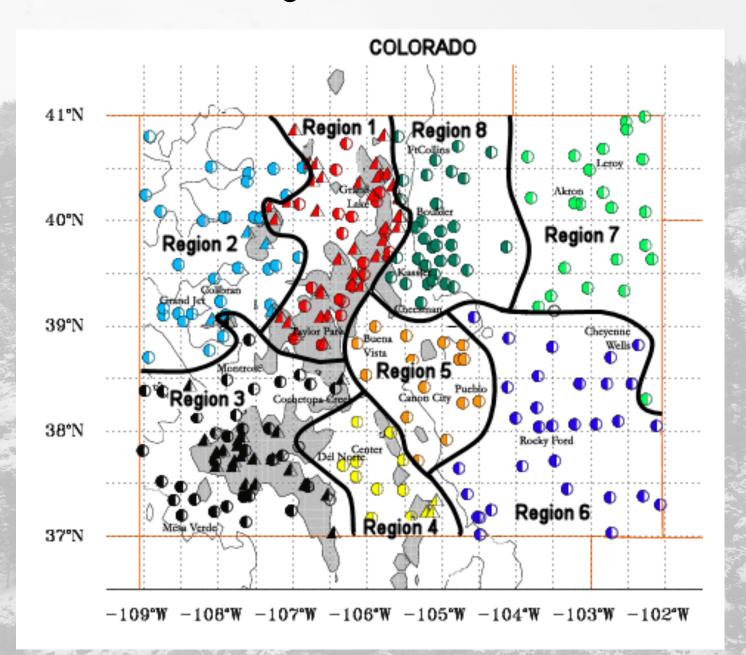
Colorado Water Year 2017 Precipitation as a Percentage of Normal (Oct 2016 - Apr 2017)



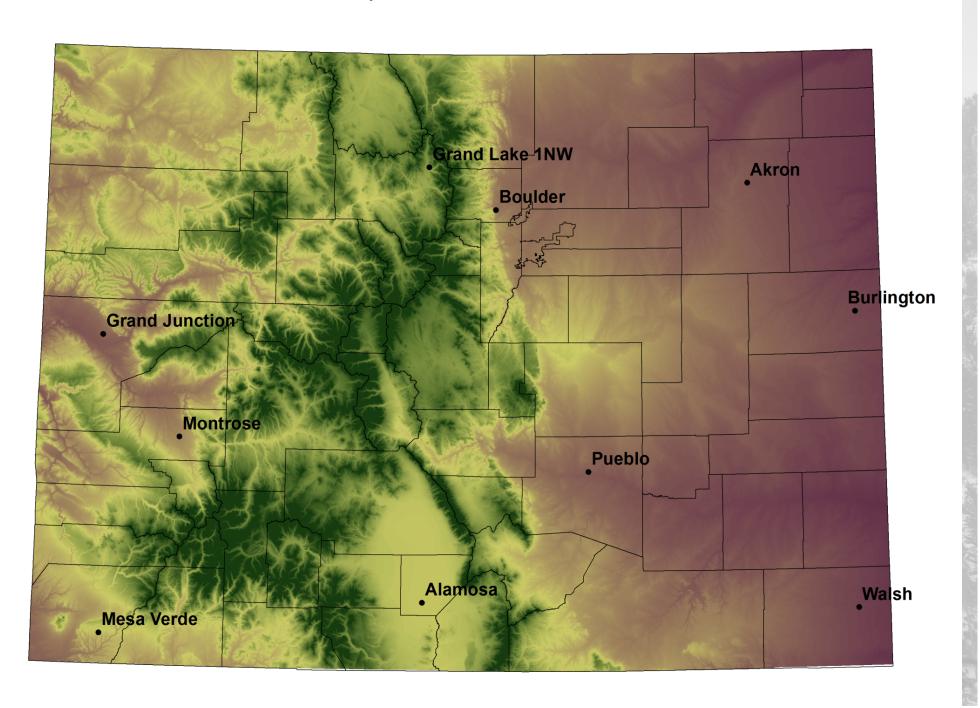
Colorado Month to Date Precipitation 1 - May 22 2017



Climate divisions defined by Dr. Klaus Wolter of NOAA's Climate Diagnostic Center in Boulder, CO

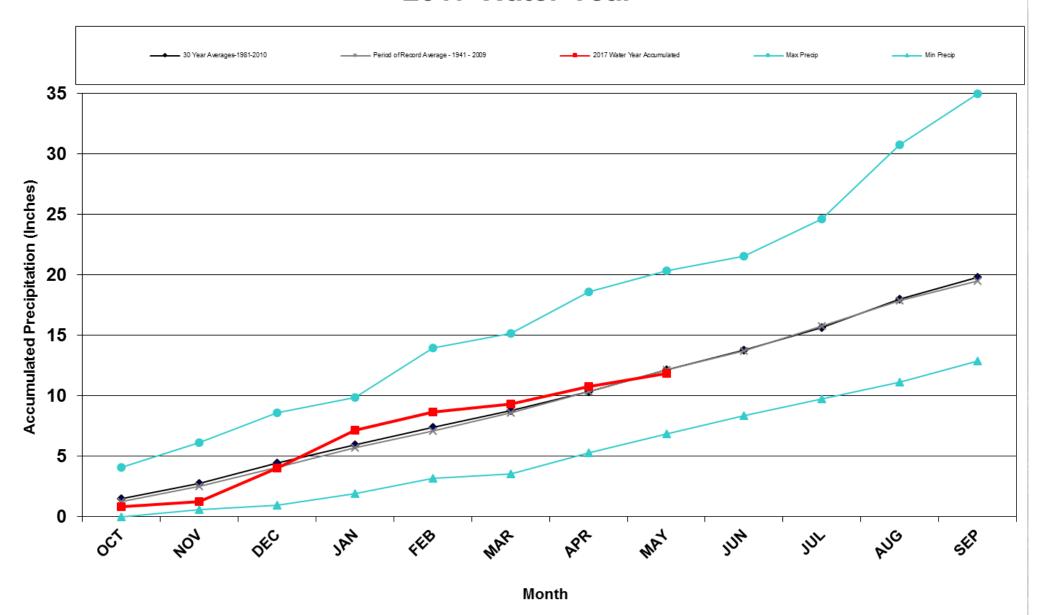


NWS Cooperative Stations for WATF



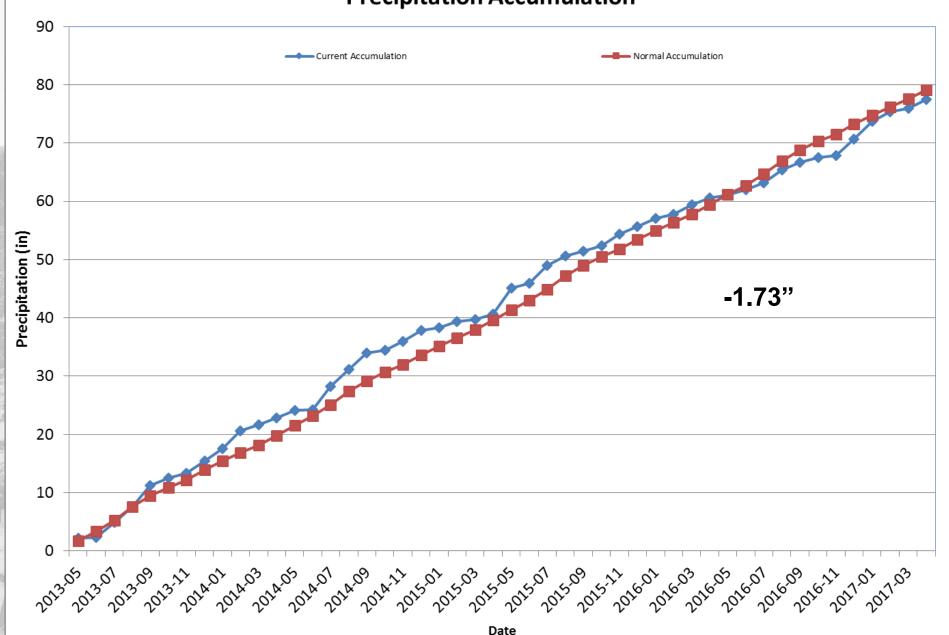
Division 1 – Grand Lake 1NW

Grand Lake 1 NW 2017 Water Year



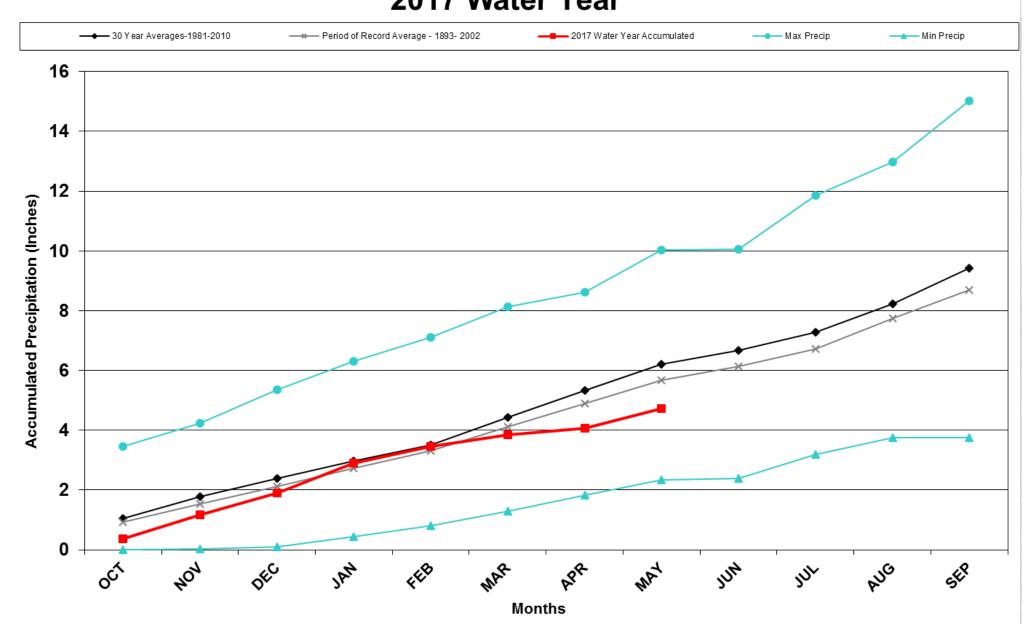
Division 1 – Grand Lake 1NW



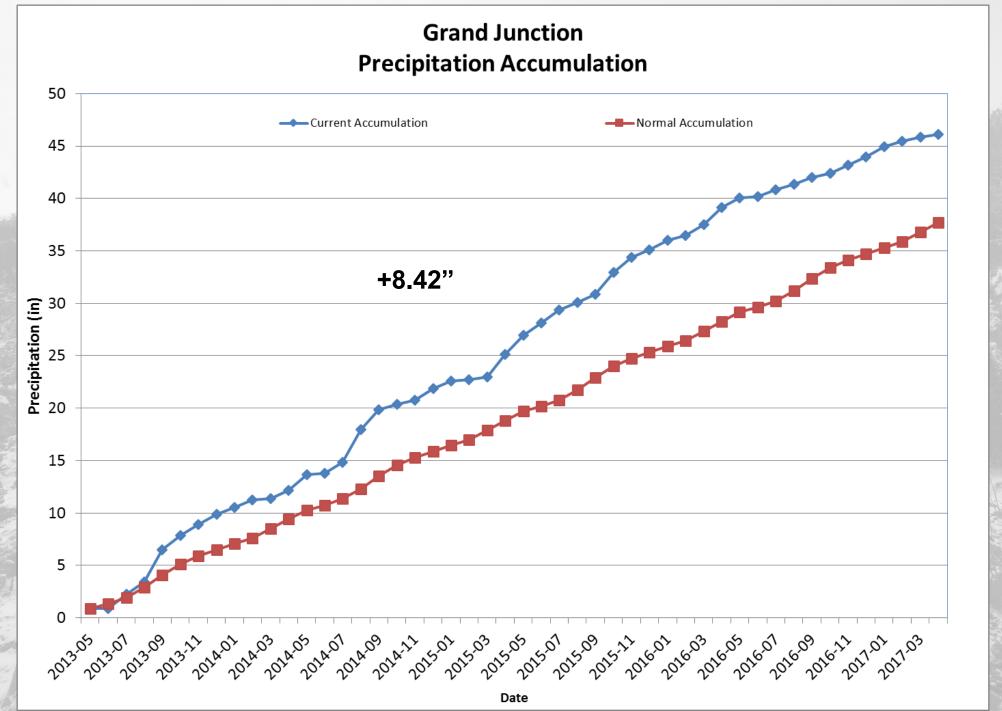


Division 2 – Grand Junction

Grand Junction WSFO 2017 Water Year

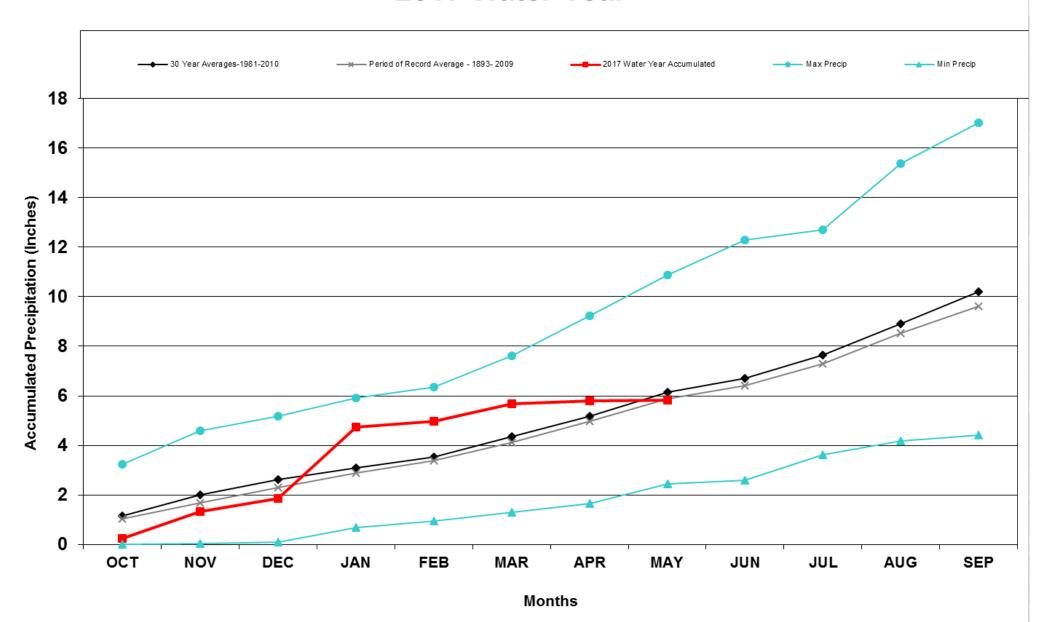


Division 2 – Grand Junction



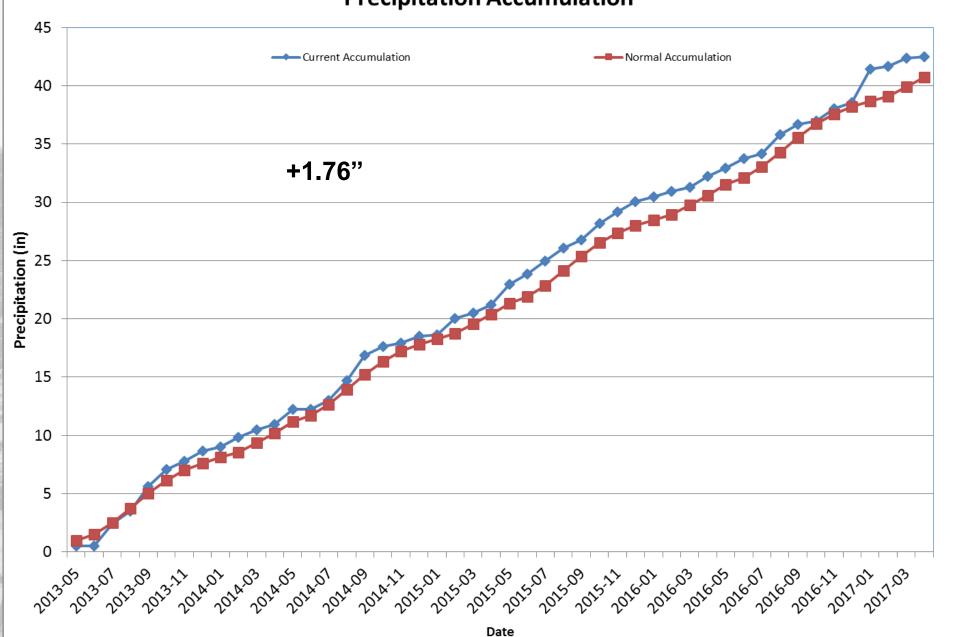
Division 3 – Montrose

Montrose #2 2017 Water Year



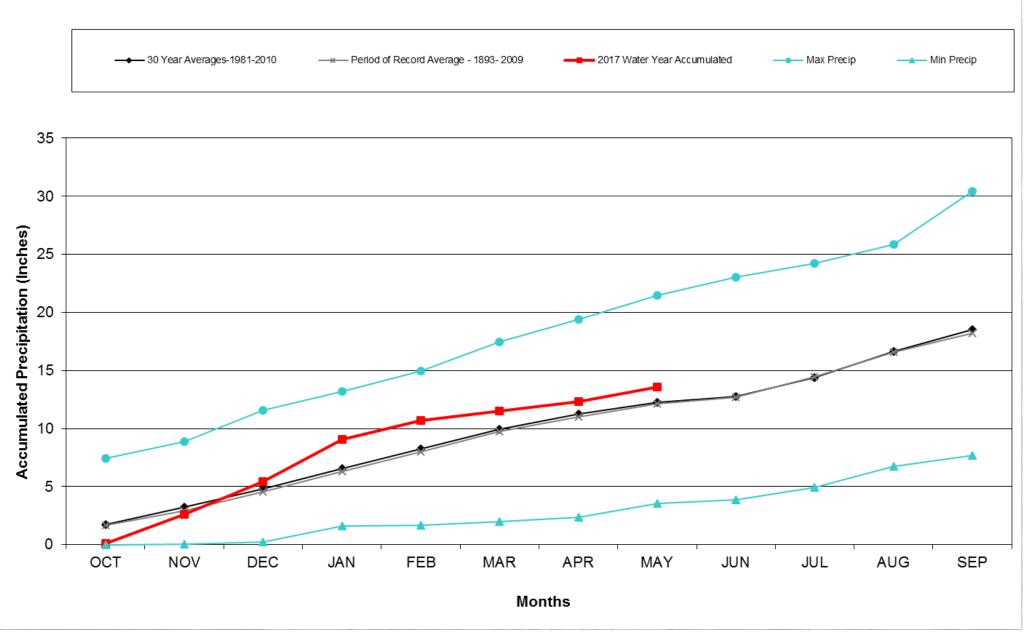
Division 3 – Montrose



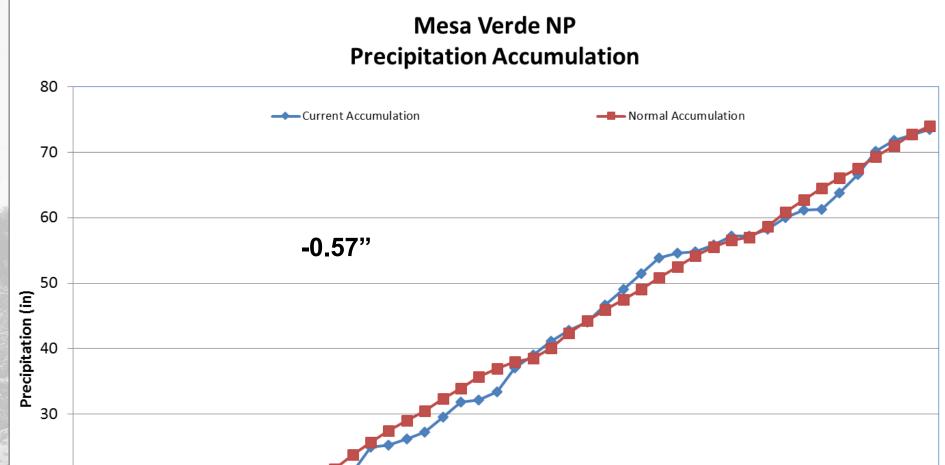


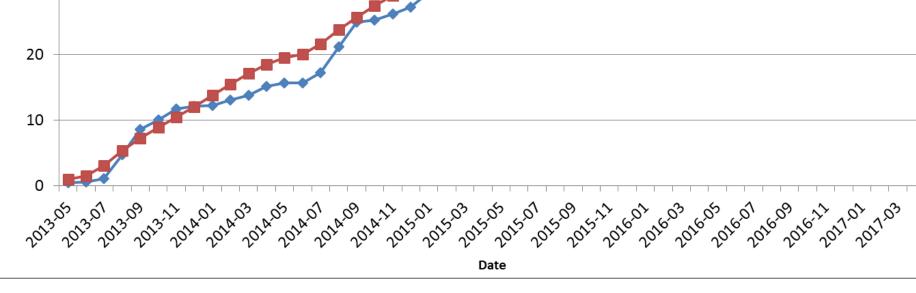
Division 3 – Mesa Verde NP

Mesa Verde NP 2017 Water Year



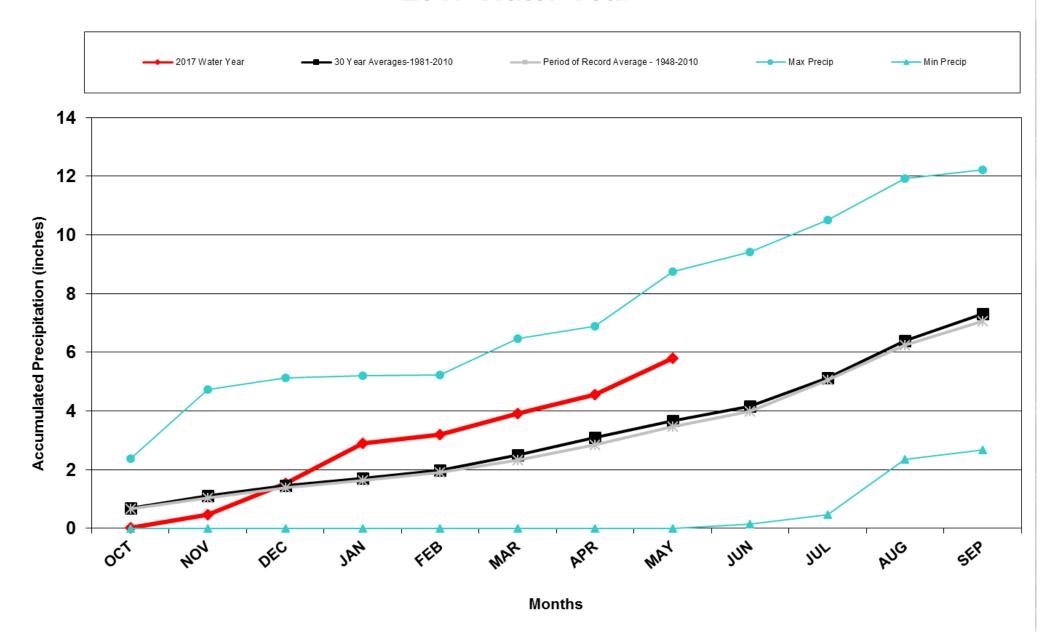
Division 3 – Mesa Verde NP





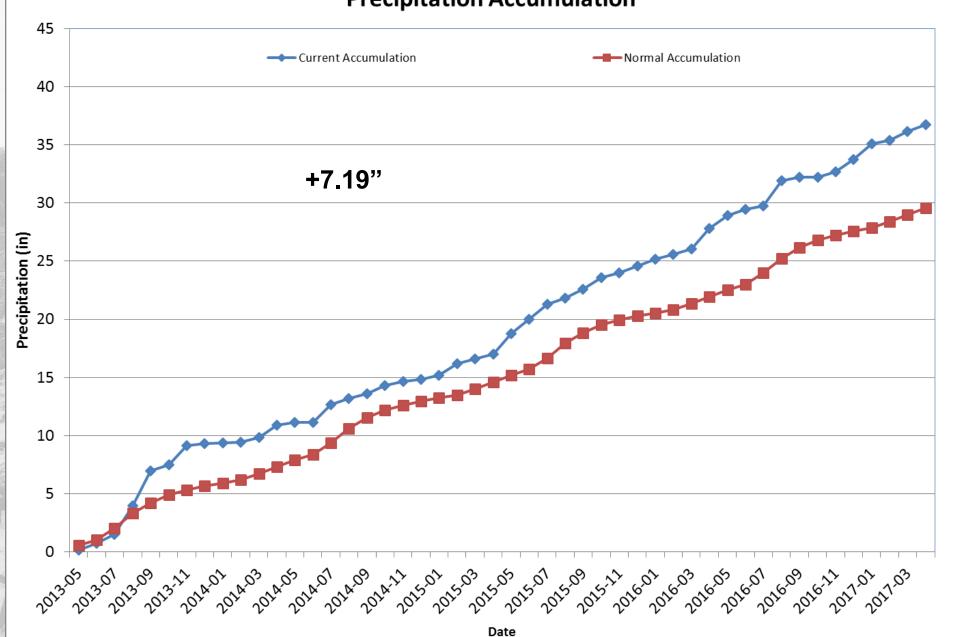
Division 4 – Alamosa

Alamosa WSO 2017 Water Year



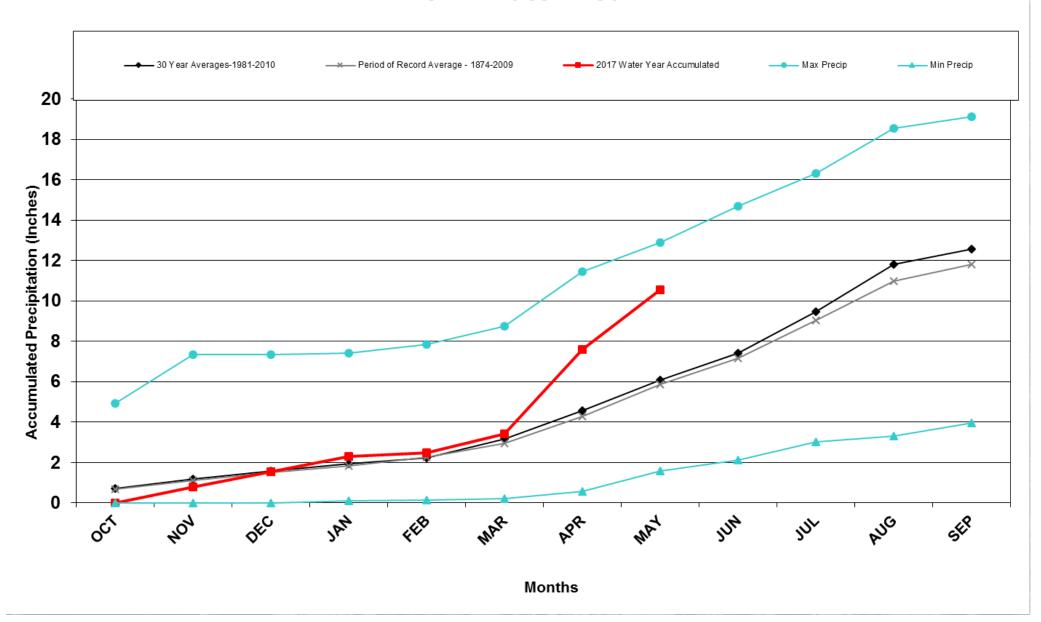
Division 4 – Alamosa



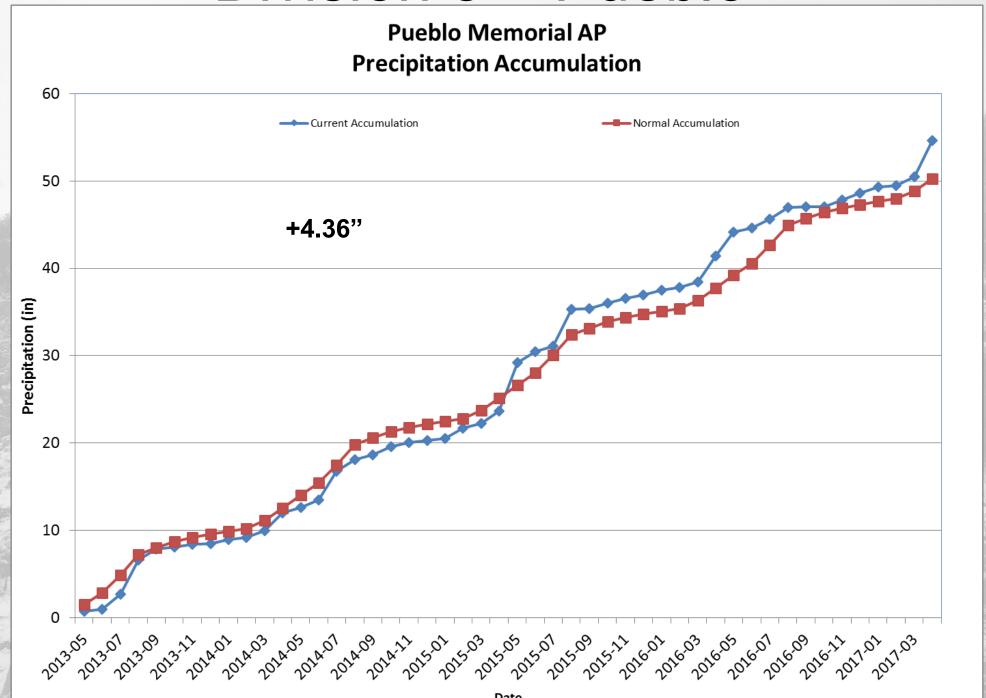


Division 5 - Pueblo

Pueblo WSO 2017 Water Year

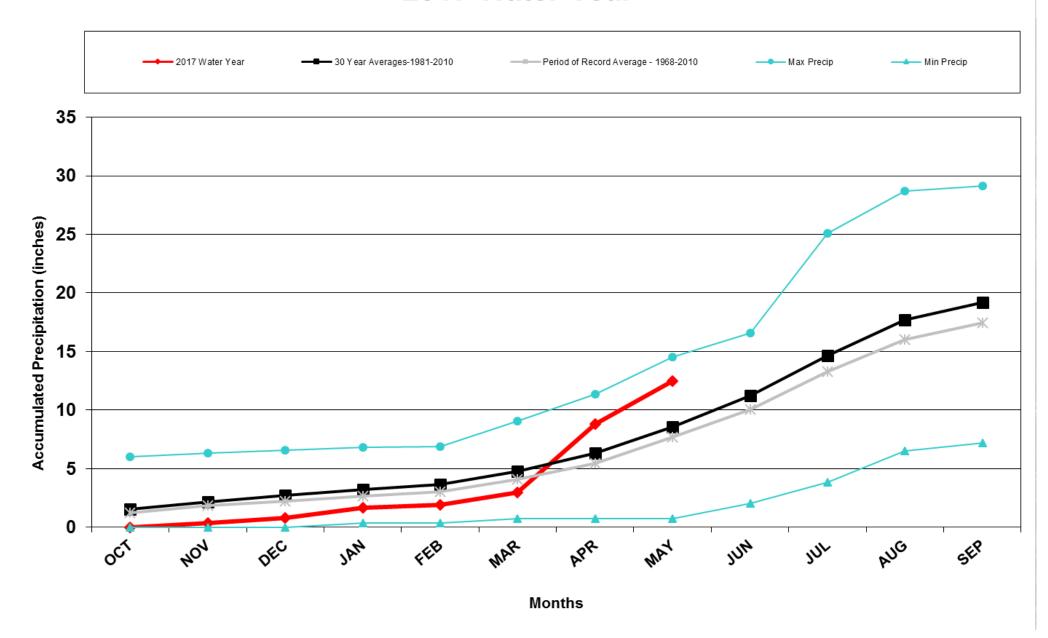


Division 5 – Pueblo

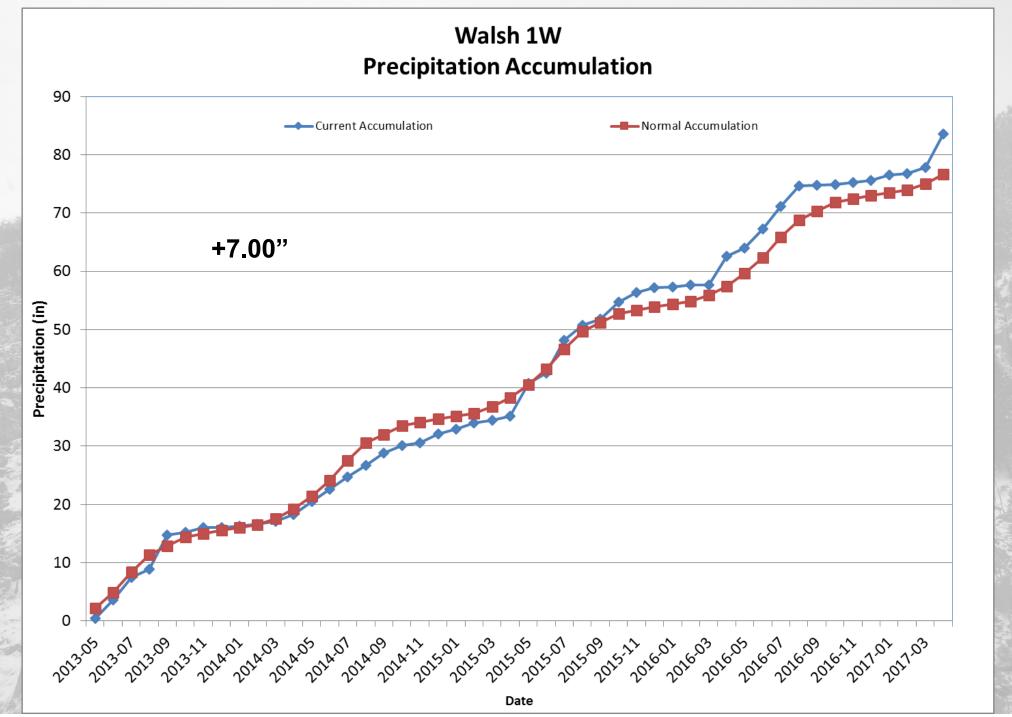


Division 6 - Walsh

Walsh 2017 Water Year

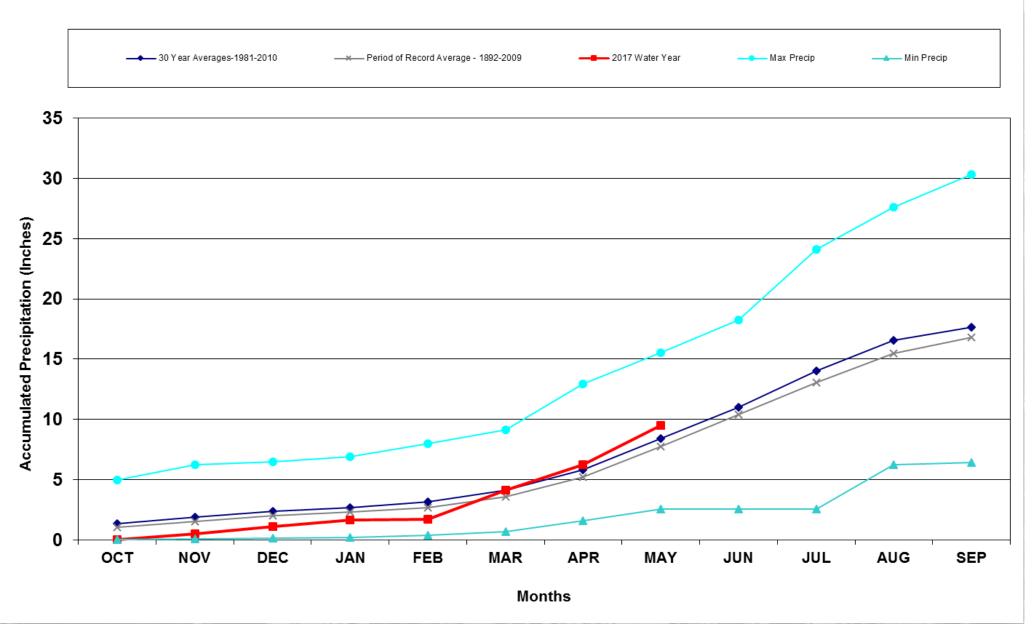


Division 6 - Walsh

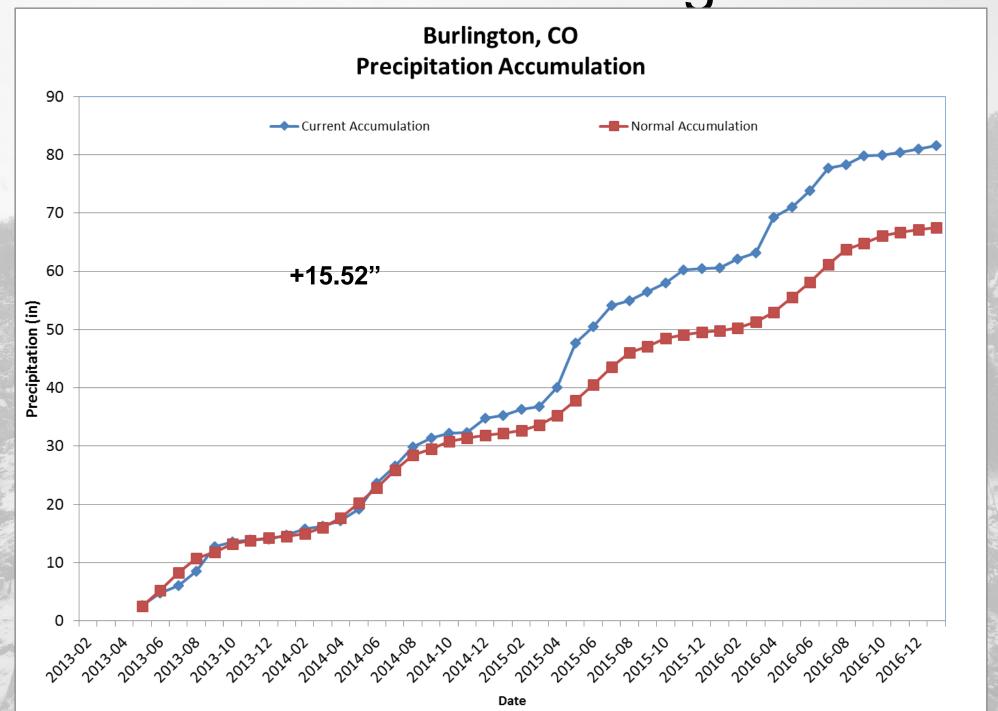


Division 6 - Burlington

Burlington 2017 Water Year

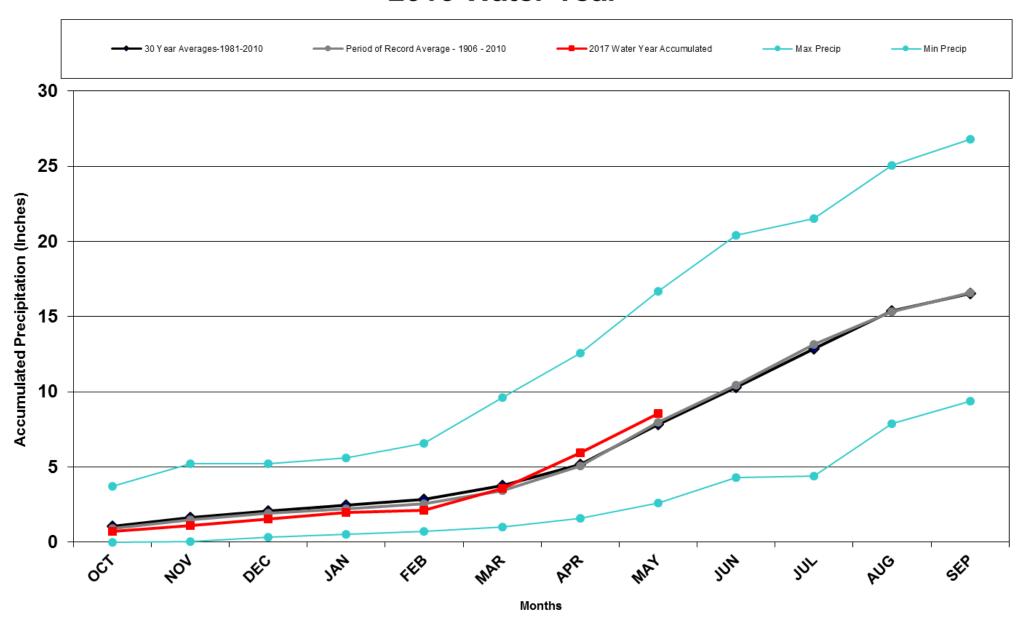


Division 6 - Burlington

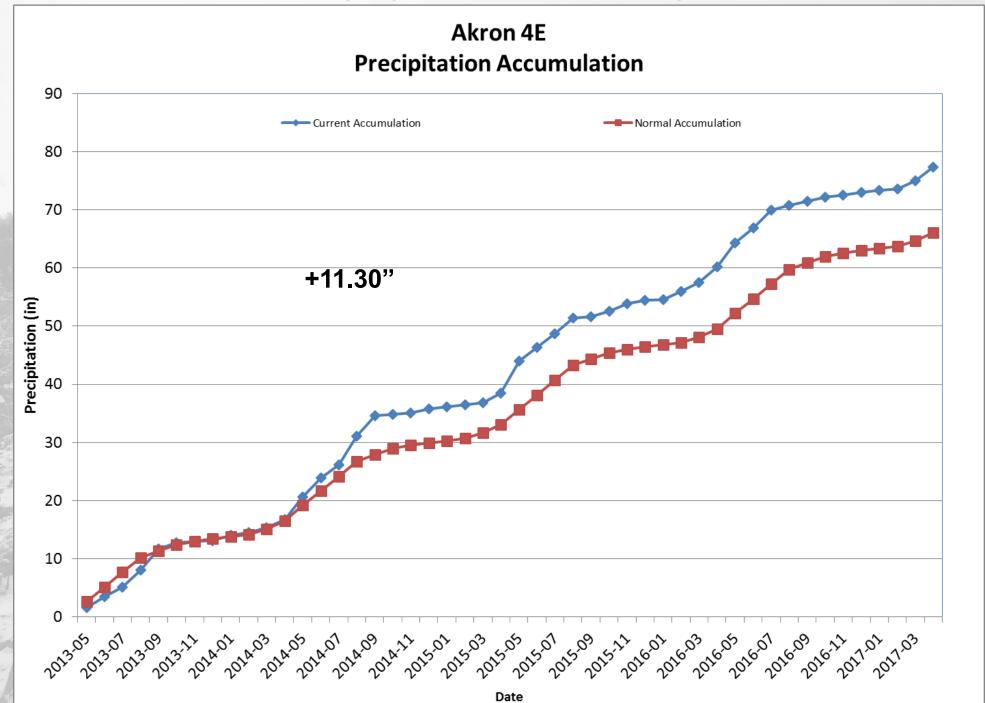


Division 7 – Akron

Akron 4E 2016 Water Year

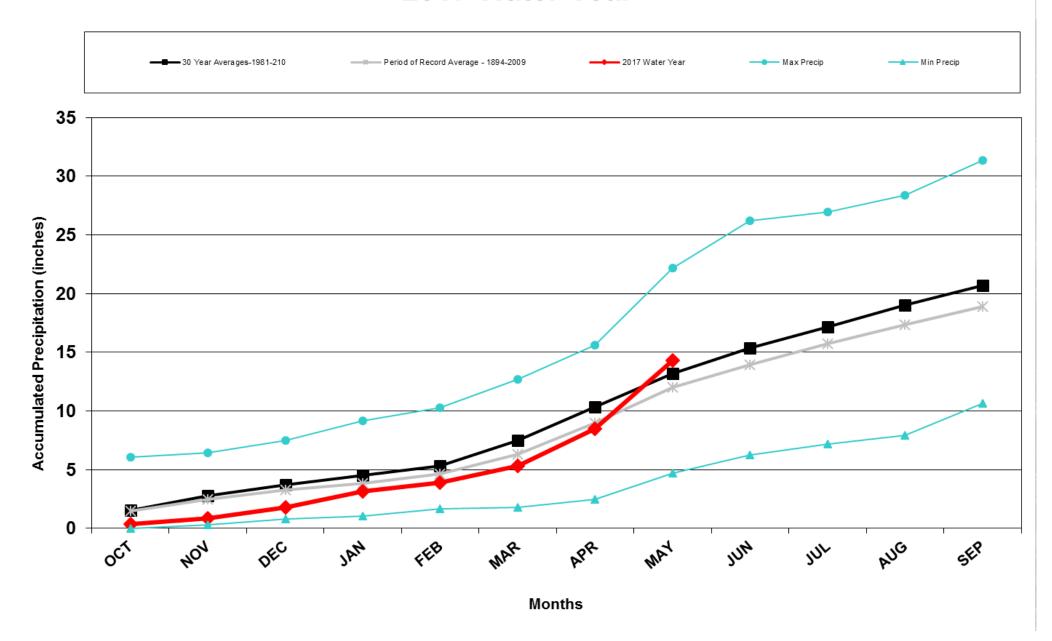


Division 7 – Akron

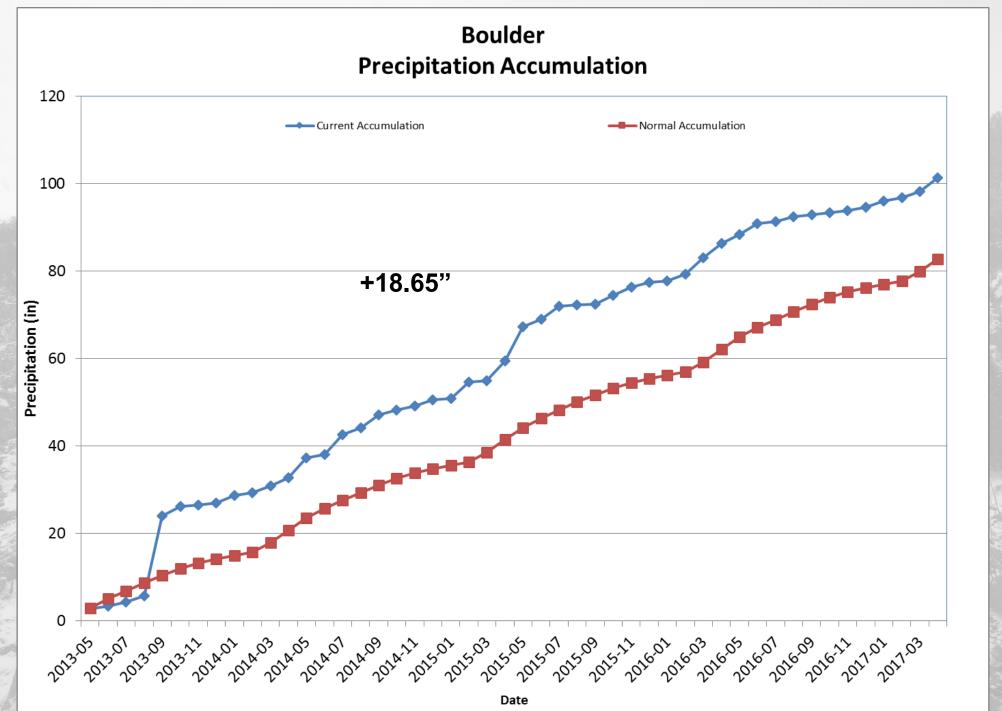


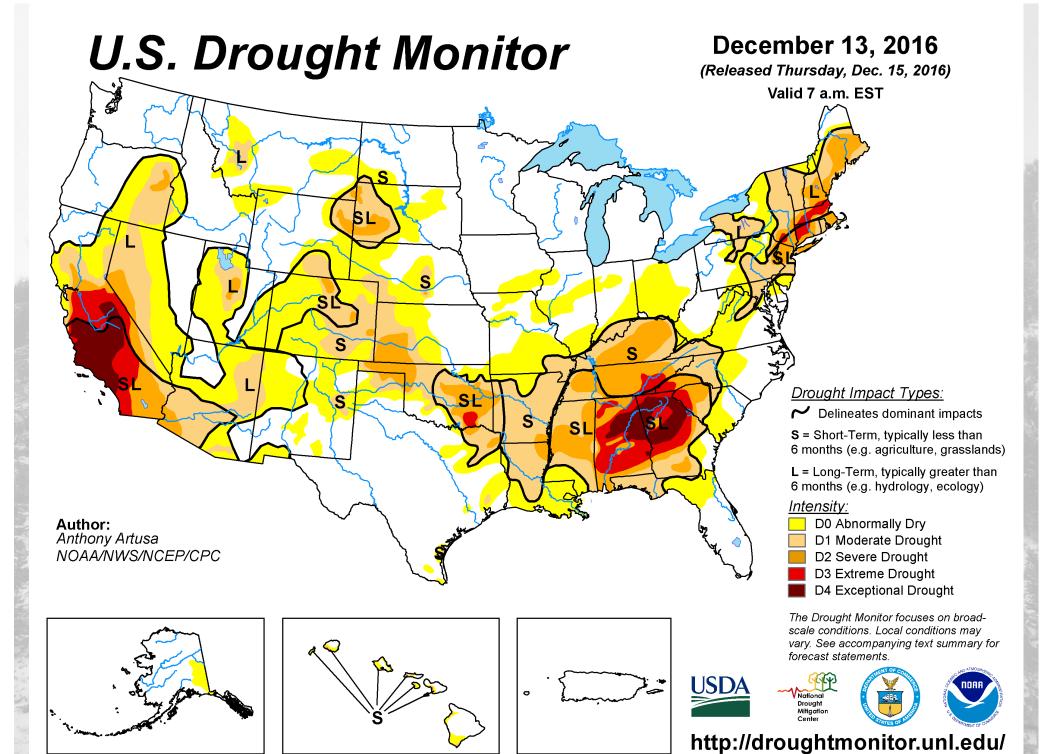
Division 8 - Boulder

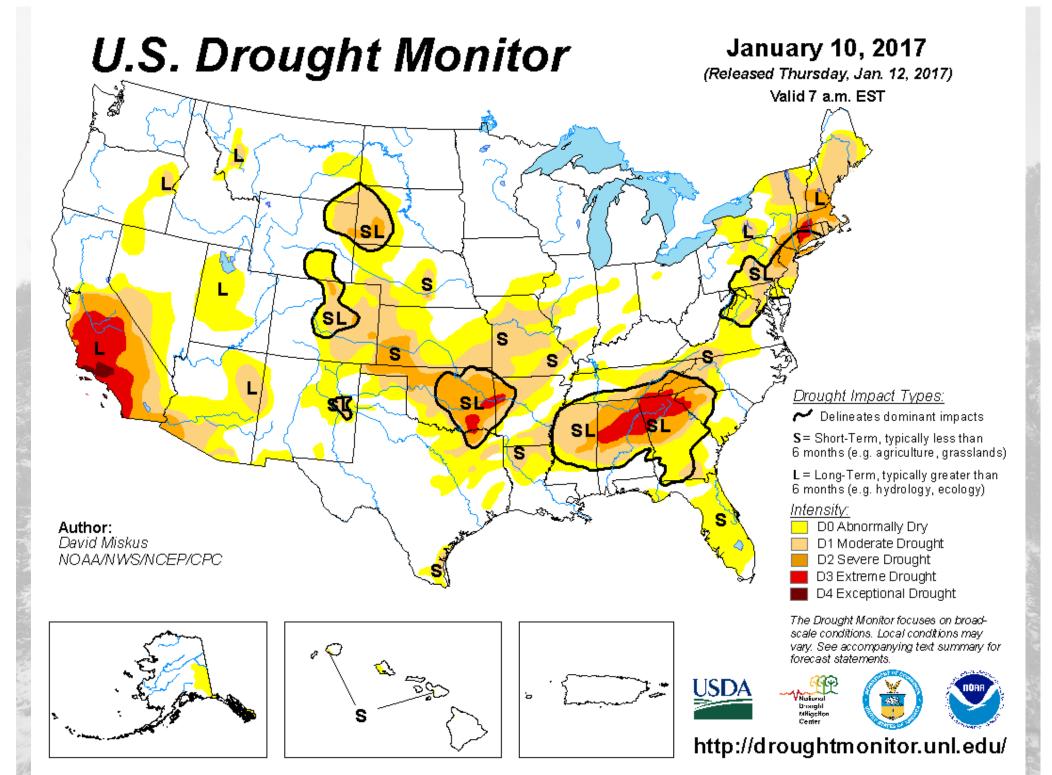
Boulder 2017 Water Year

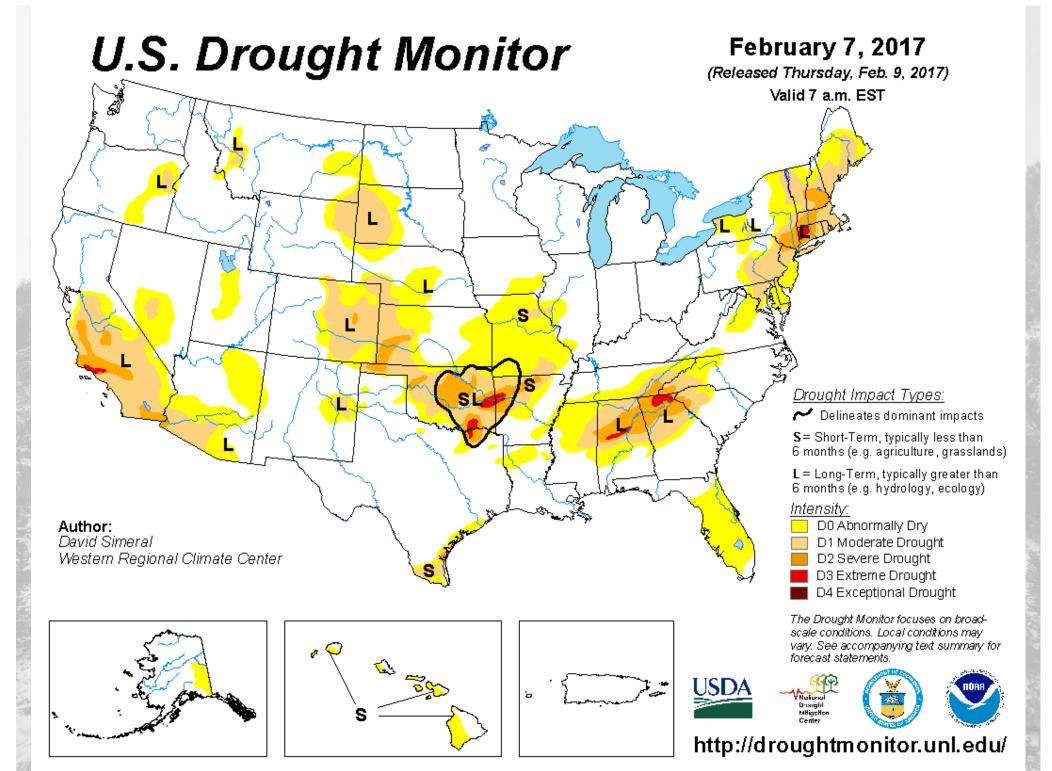


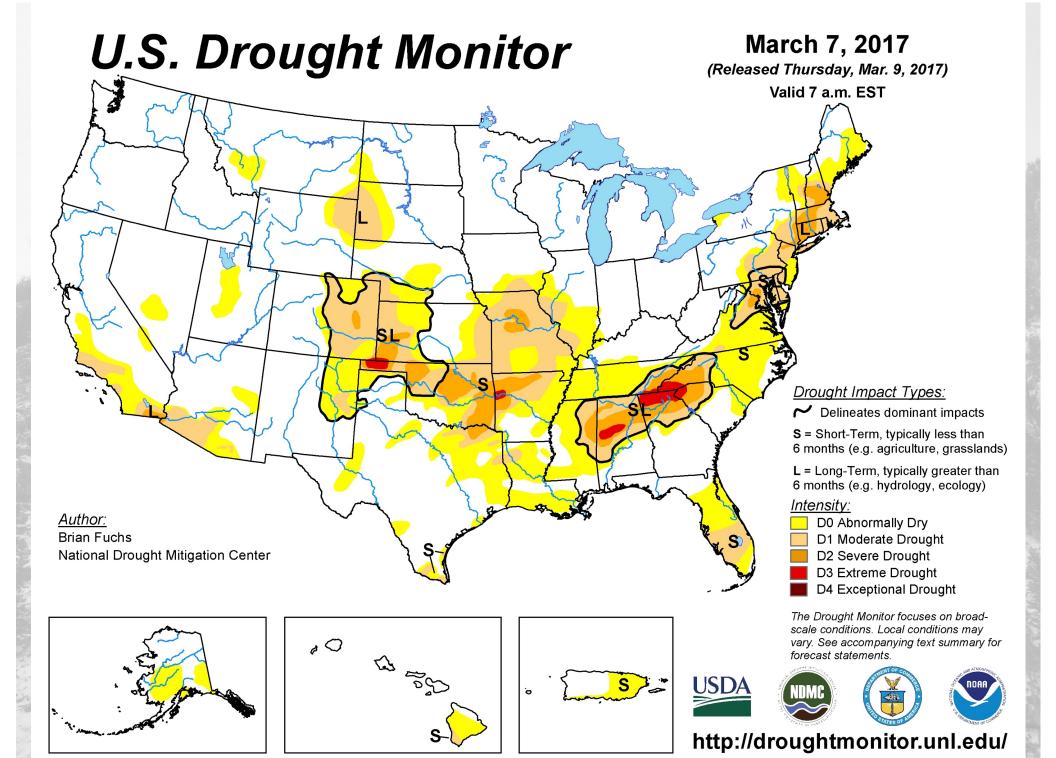
Division 8 - Boulder

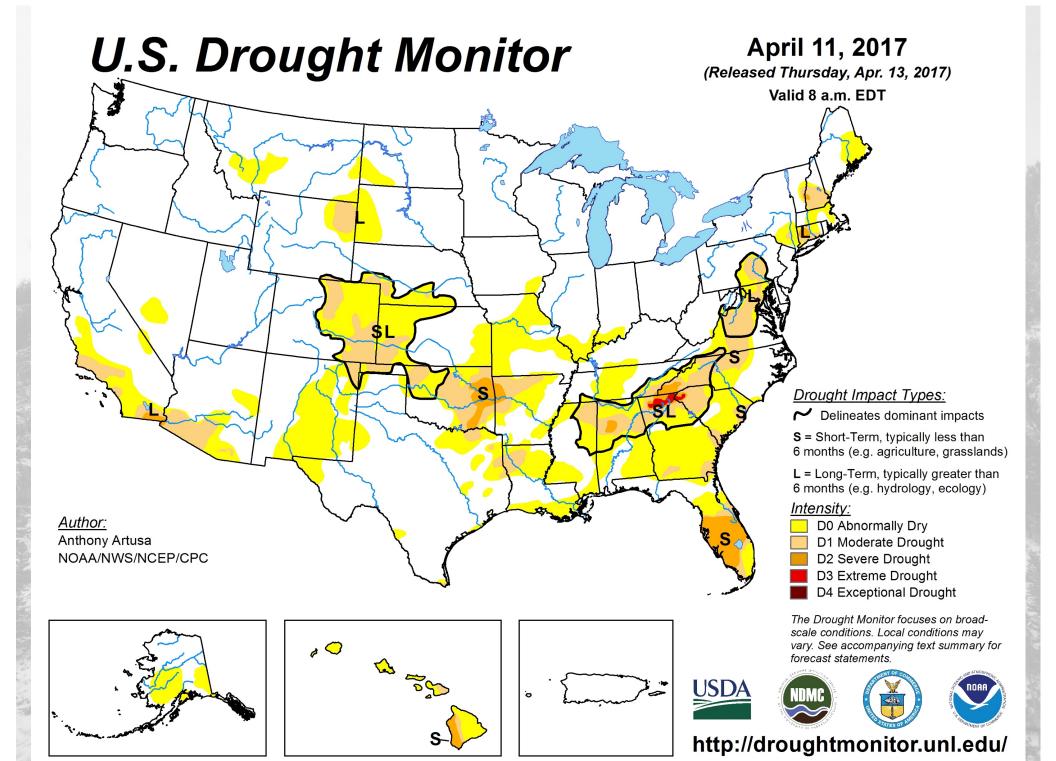


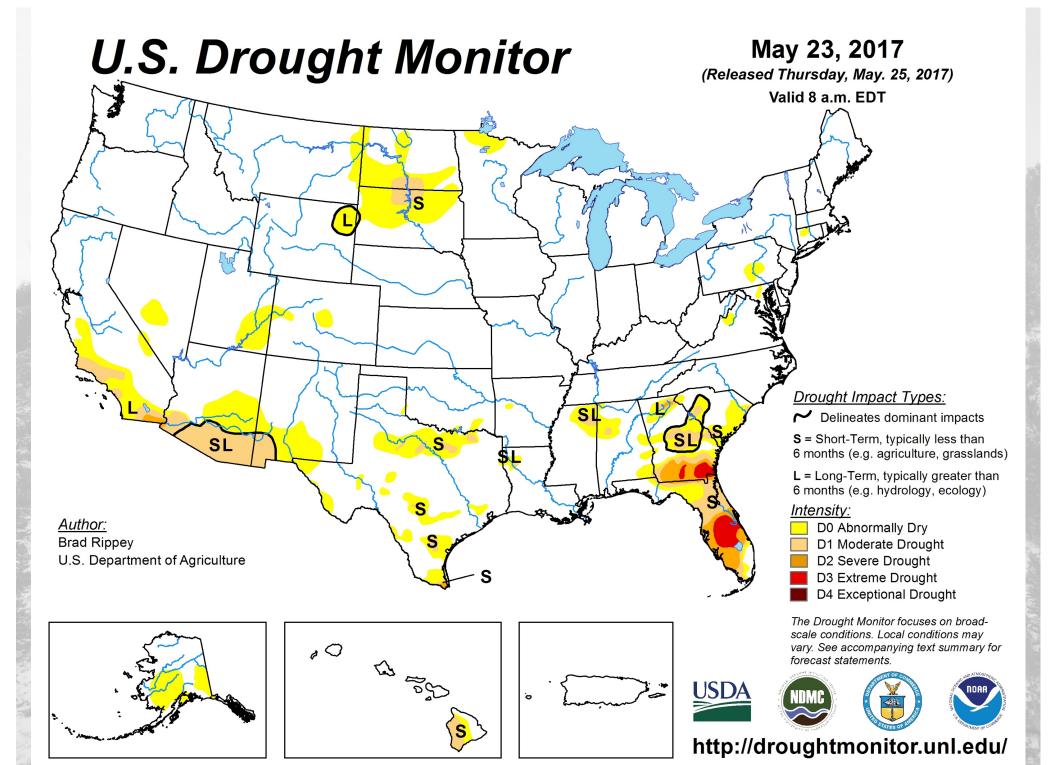












U.S. Drought Monitor Colorado

May 23, 2017

(Released Thursday, May. 25, 2017) Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	94.30	5.70	0.00	0.00	0.00	0.00
Last Week 05-16-2017	81.26	18.74	0.41	0.00	0.00	0.00
3 Month's Ago 02-21-2017	48.05	51.95	36.92	1.64	0.00	0.00
Start of Calendar Year 01-03-2017	31.88	68.12	37.21	2.88	0.00	0.00
Start of Water Year 09-27-2016	70.49	29.51	2.45	0.00	0.00	0.00
One Year Ago 05-24-2016	96.17	3.83	0.00	0.00	0.00	0.00

Intensity:

D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author:

Brad Rippey
U.S. Department of Agriculture



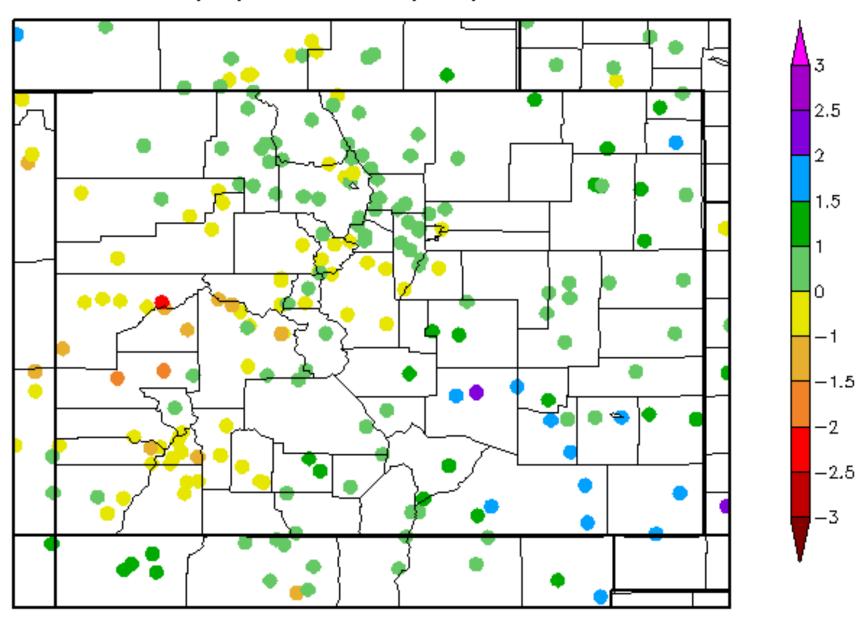




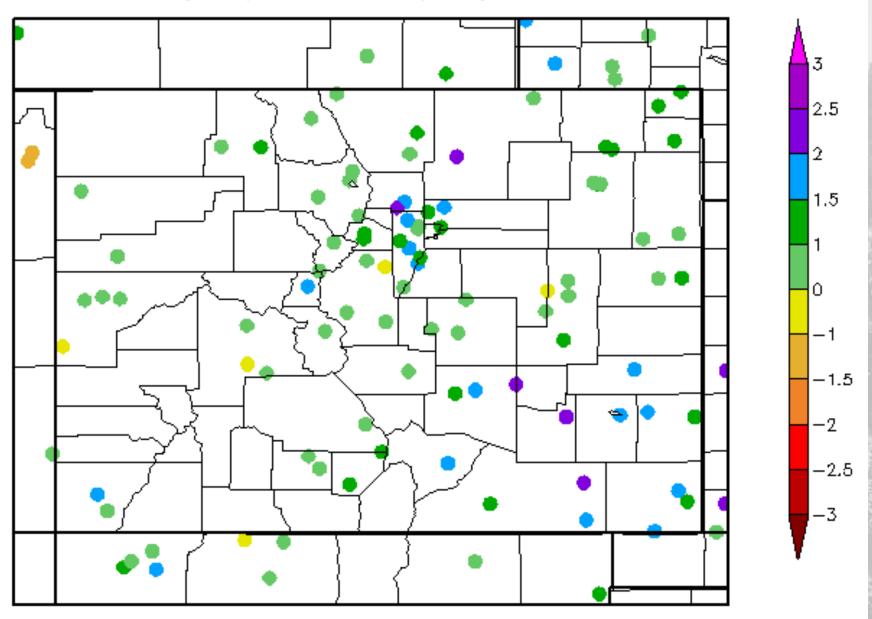


http://droughtmonitor.unl.edu/

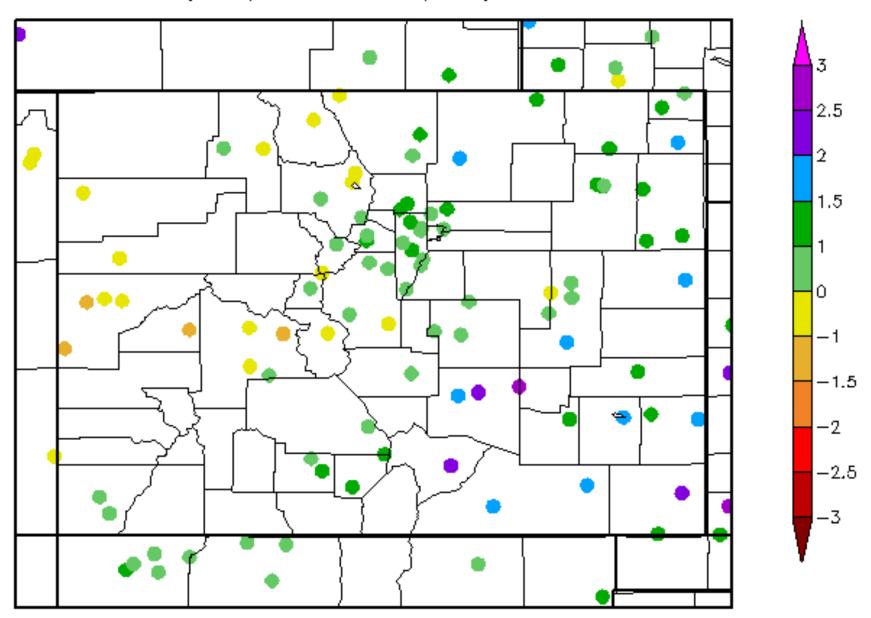
Monthly SPI 4/1/2017 - 4/30/2017



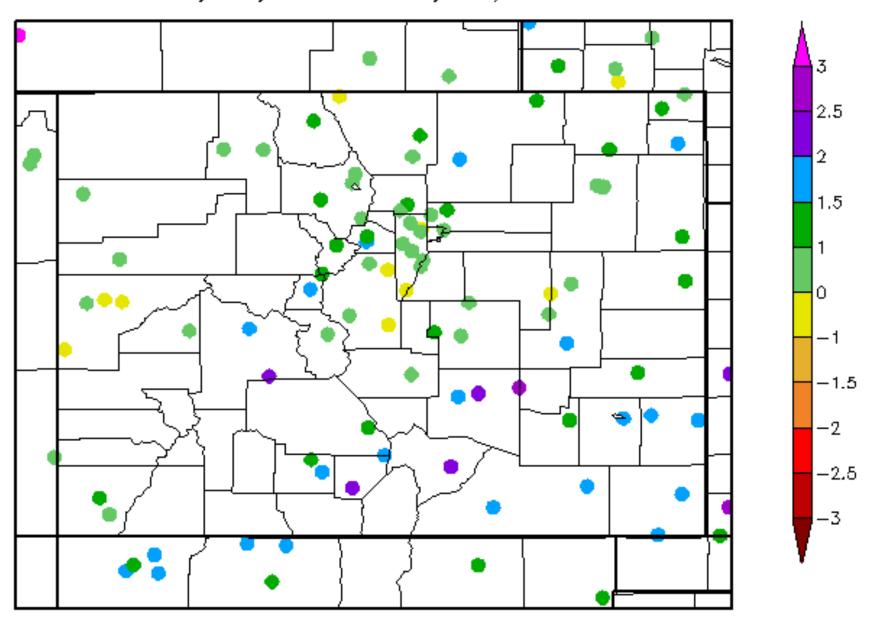
30 Day SPI 4/24/2017 - 5/23/2017



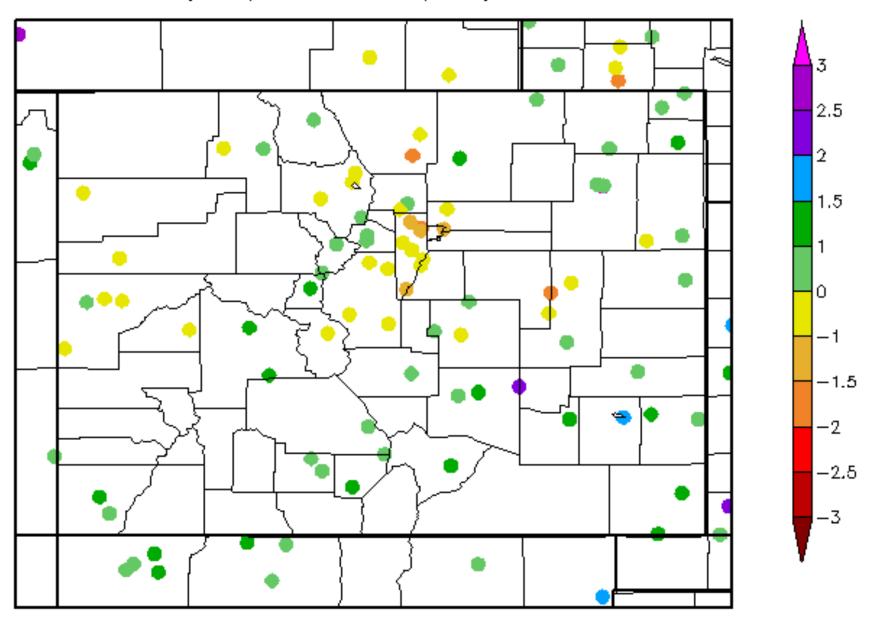
90 Day SPI 2/23/2017 - 5/23/2017



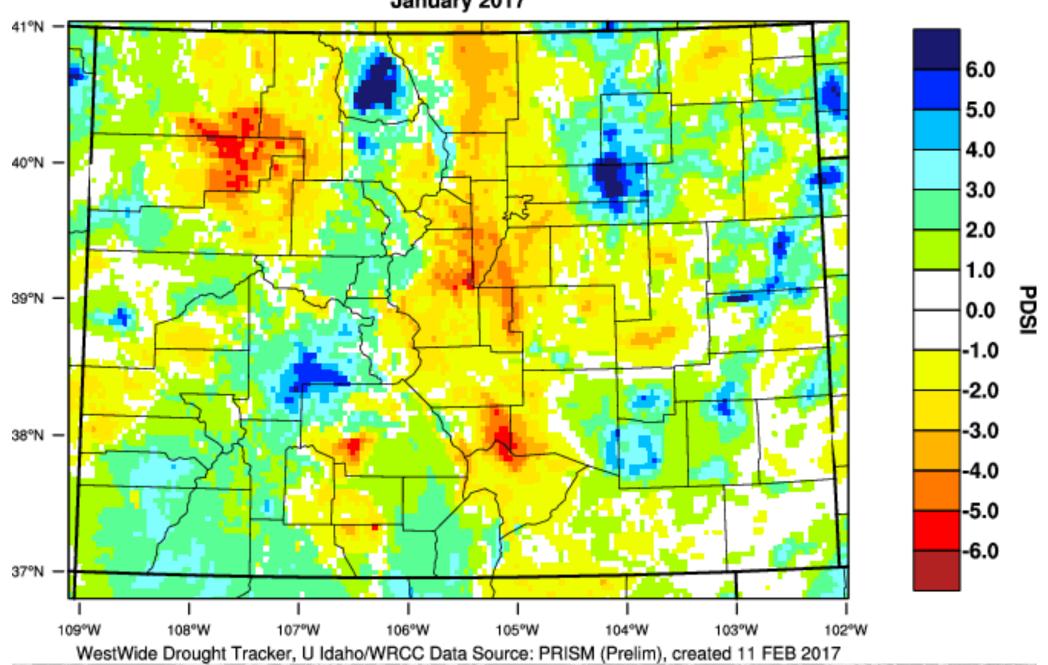
6 Month SPI 11/24/2016 - 5/23/2017



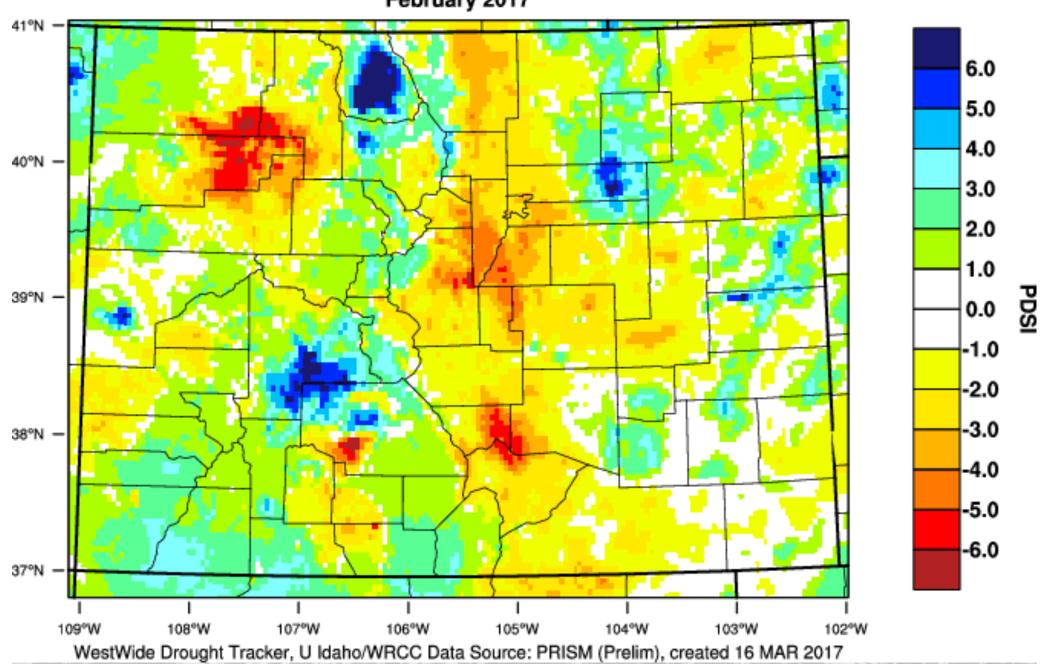
12 Month SPI 5/24/2016 - 5/23/2017



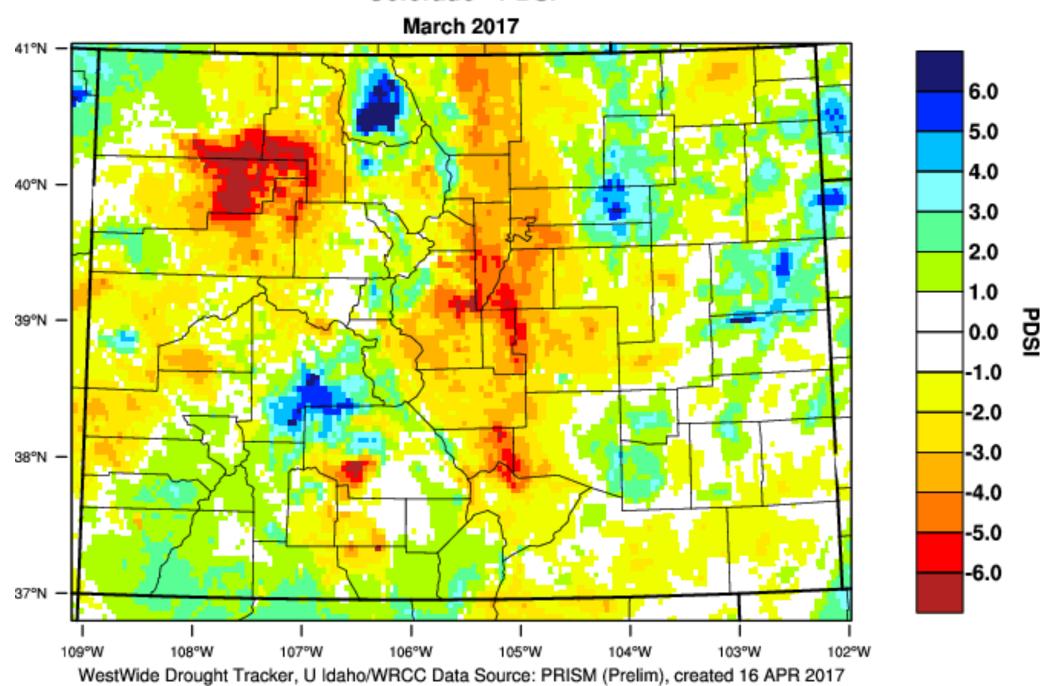
Colorado - PDSI January 2017



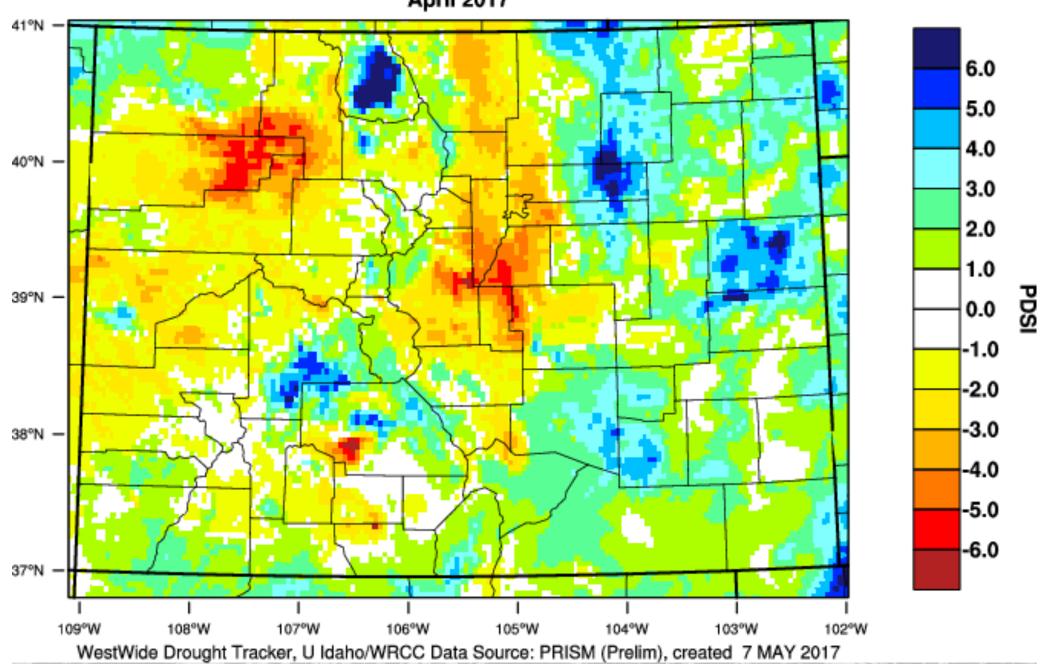
Colorado - PDSI February 2017



Colorado - PDSI



Colorado - PDSI April 2017



Colorado Climate Center

Data and Power Point Presentations available for downloading

http://ccc.atmos.colostate.edu/droughtpresentations.php



