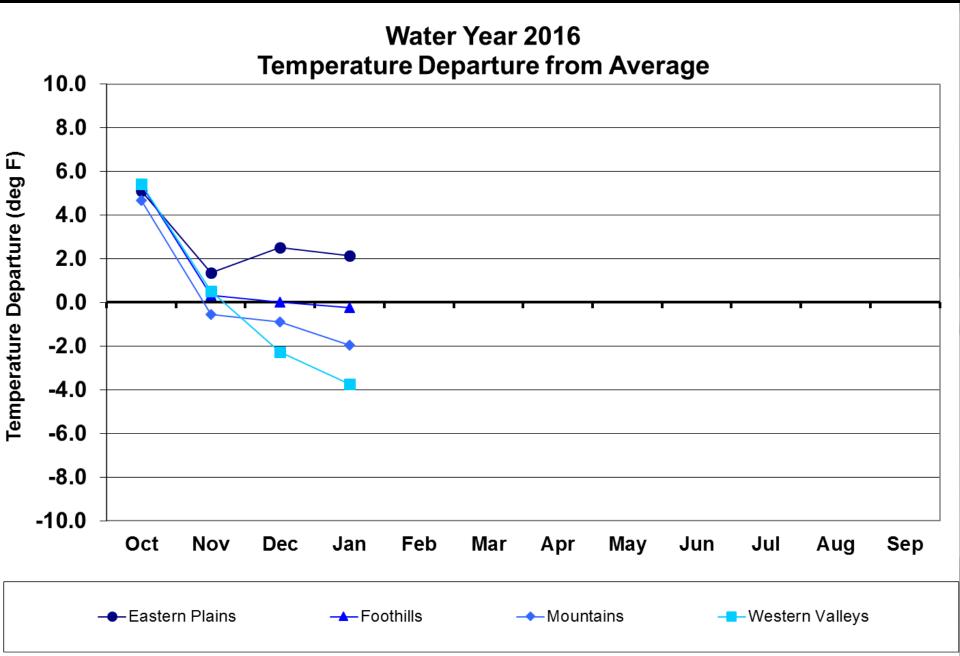


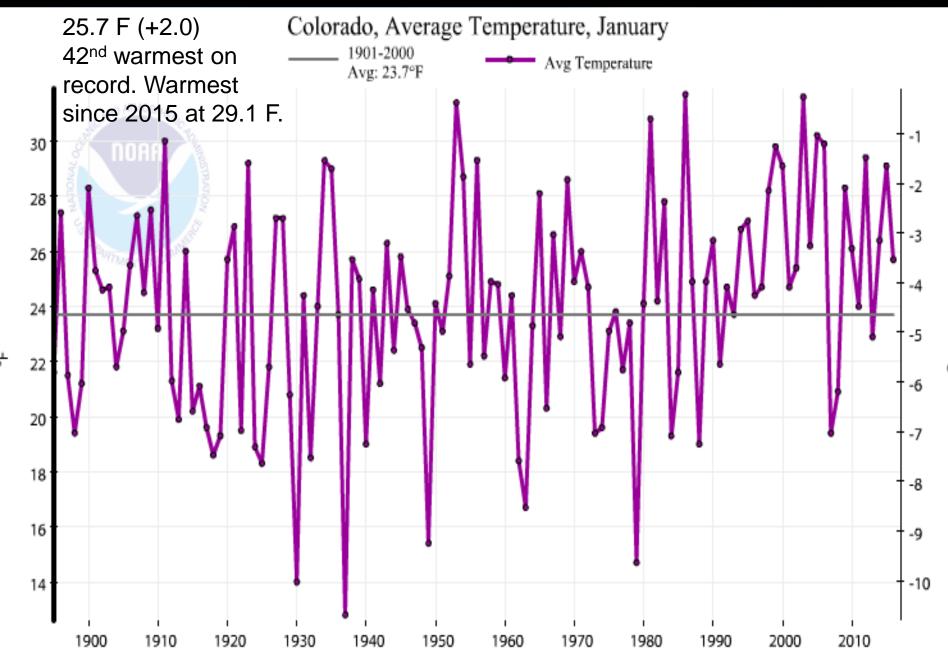
Nolan Doesken Colorado Climate Center

Presented to Water Availability Task Force February 17, 2016 Denver, CO

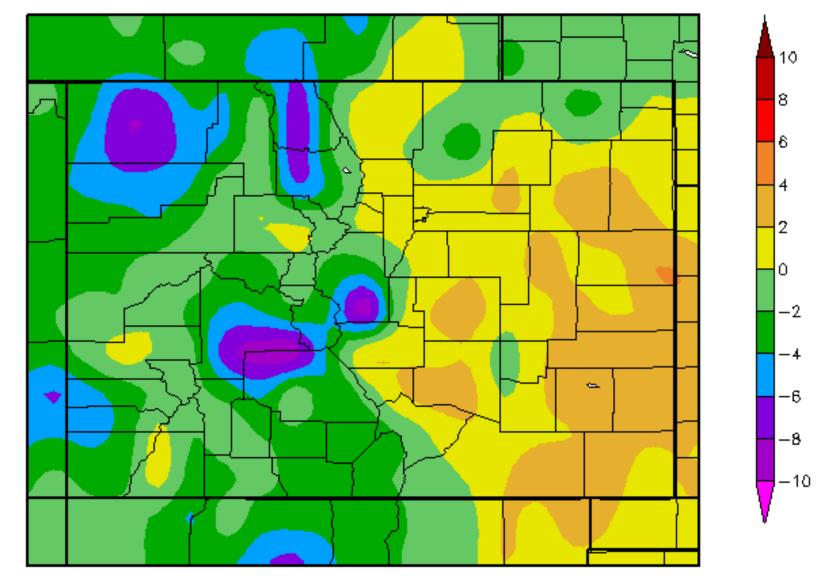
Water Year 2016 Temperature Departures



Jan 2015 Average Temperature History for Colorado (NCEI)



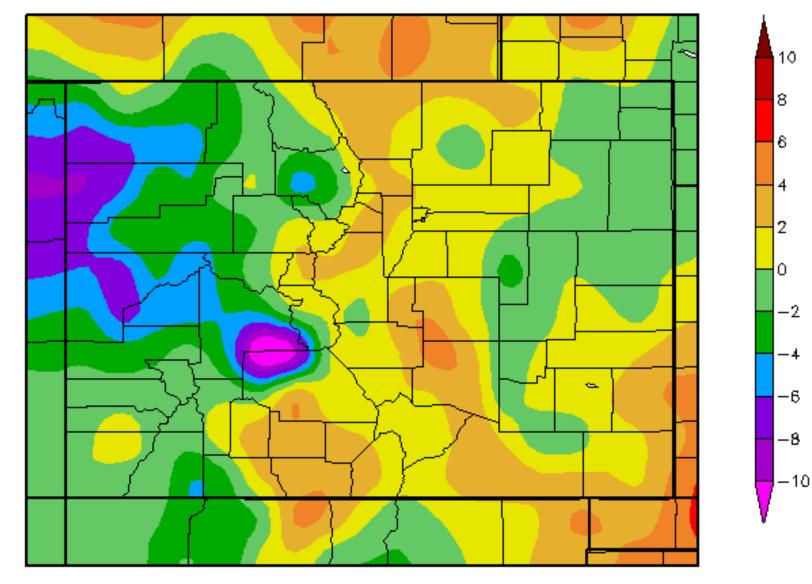
Departure from Normal Temperature (F) 1/1/2016 - 1/31/2016



Generated 2/11/2016 at HPRCC using provisional data.

Regional Climate Centers

Departure from Normal Temperature (F) 2/1/2016 - 2/15/2016

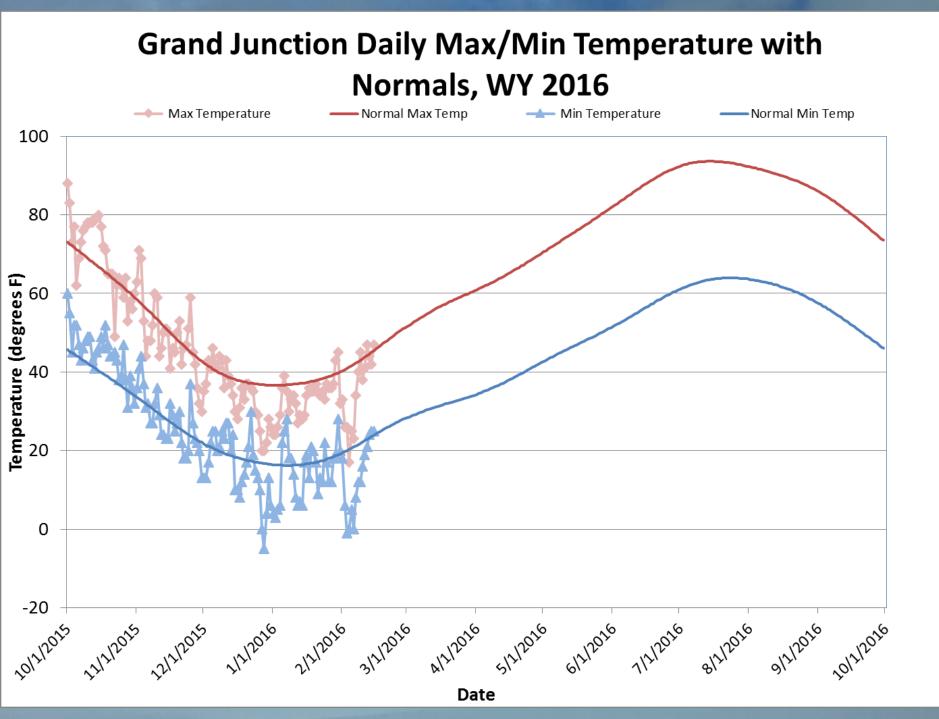


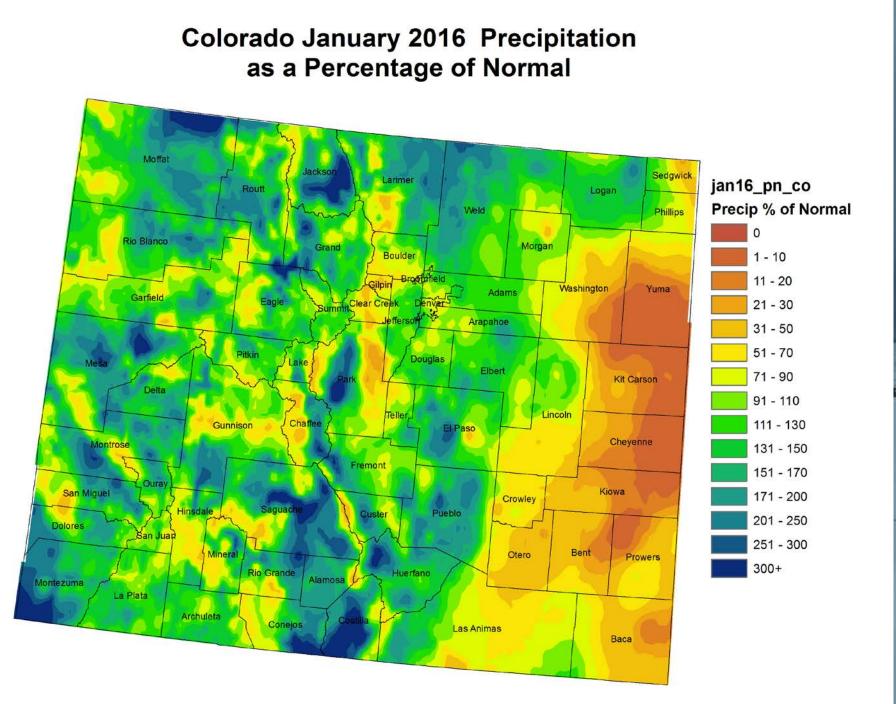
Generated $2/1\delta/2016$ at HPRCC using provisional data.

Regional Climate Centers

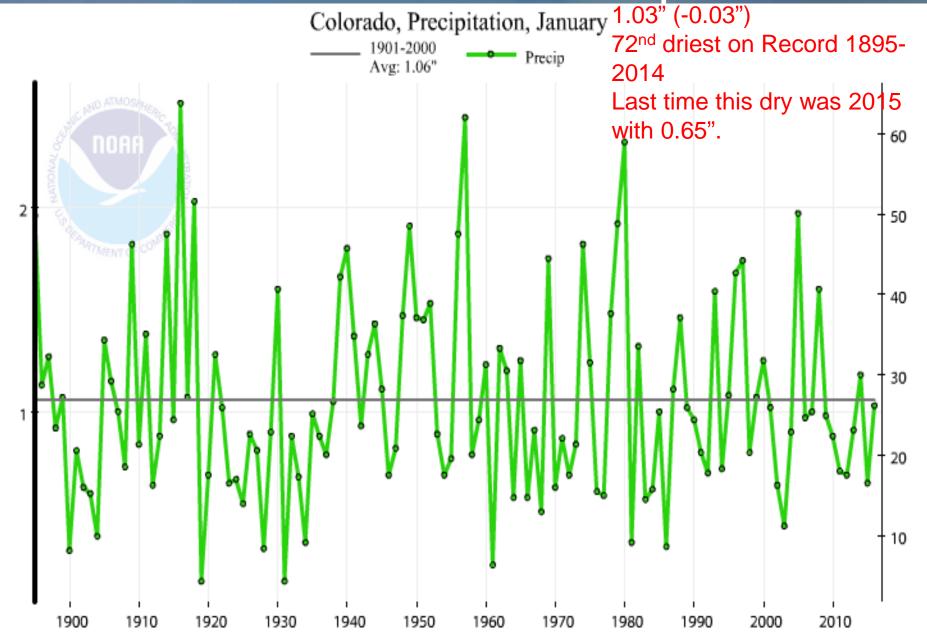
Denver-Stapleton Daily Max/Min Temperatures with Normals, Water Year 2016



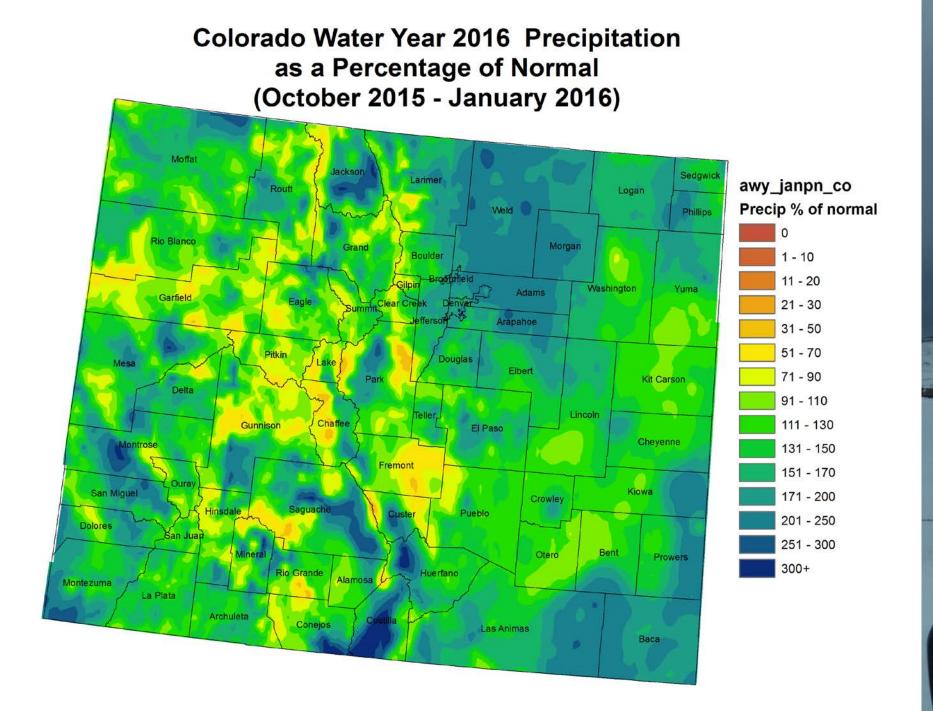




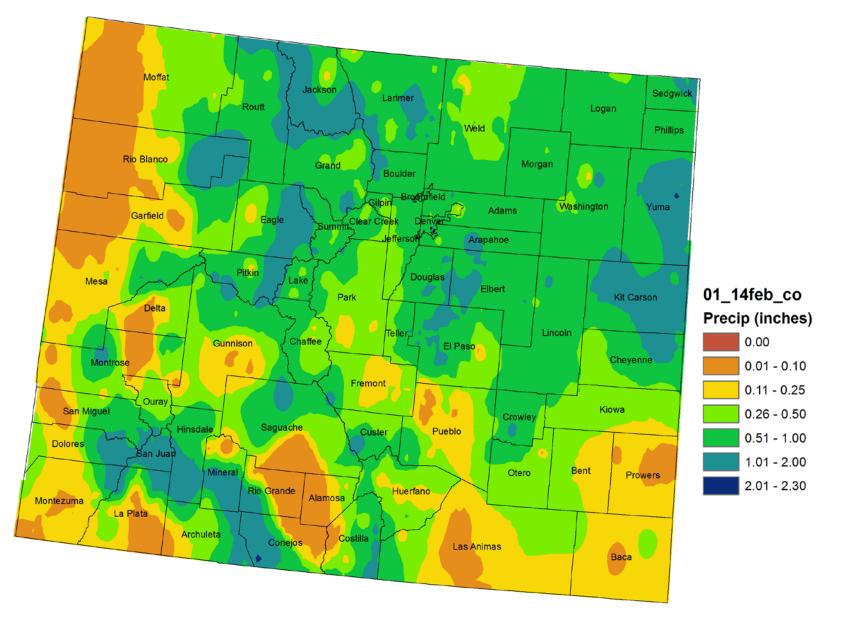
Jan 2015 Statewide Precipitation



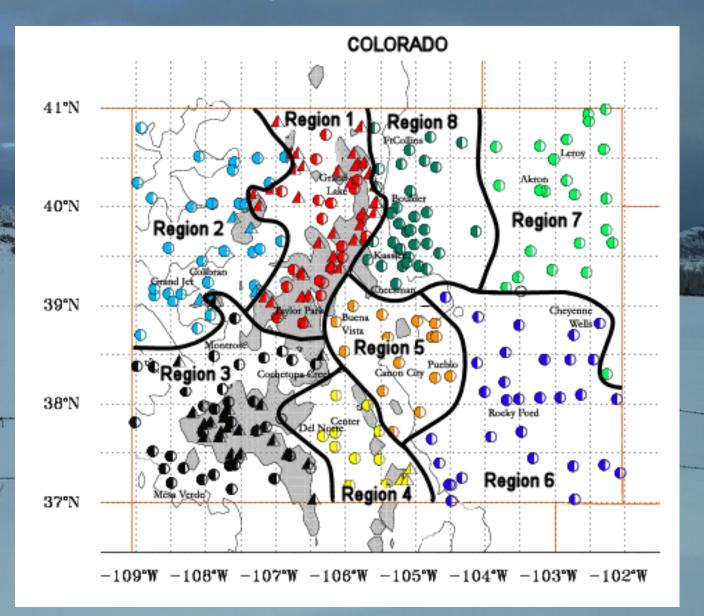
Inches



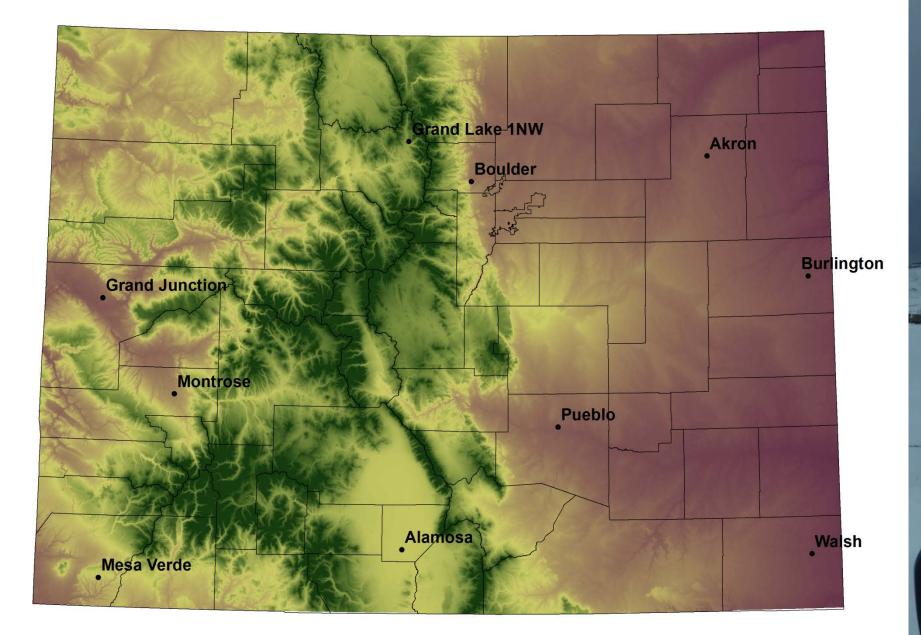
Colorado Month to Date Precipitation 1 - 14 February 2016



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

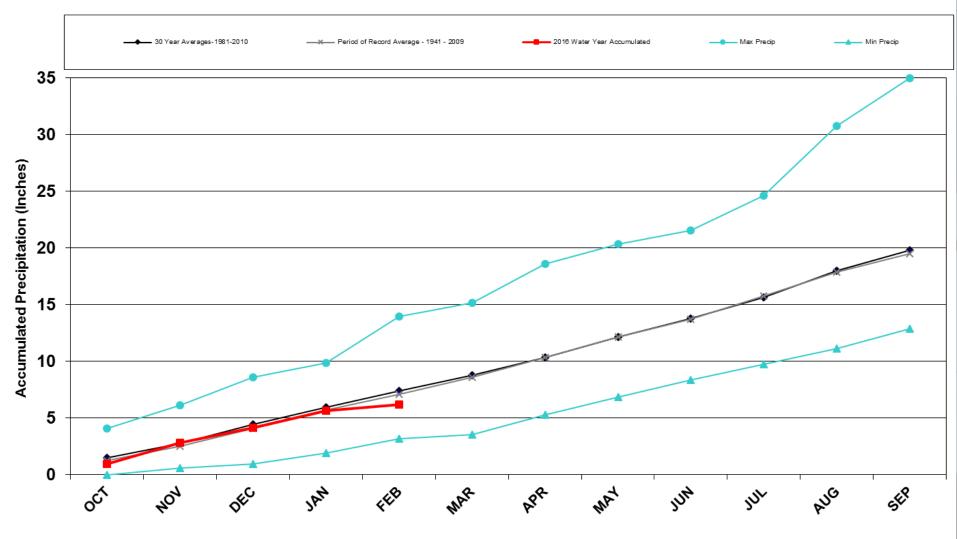


NWS Cooperative Stations for WATF



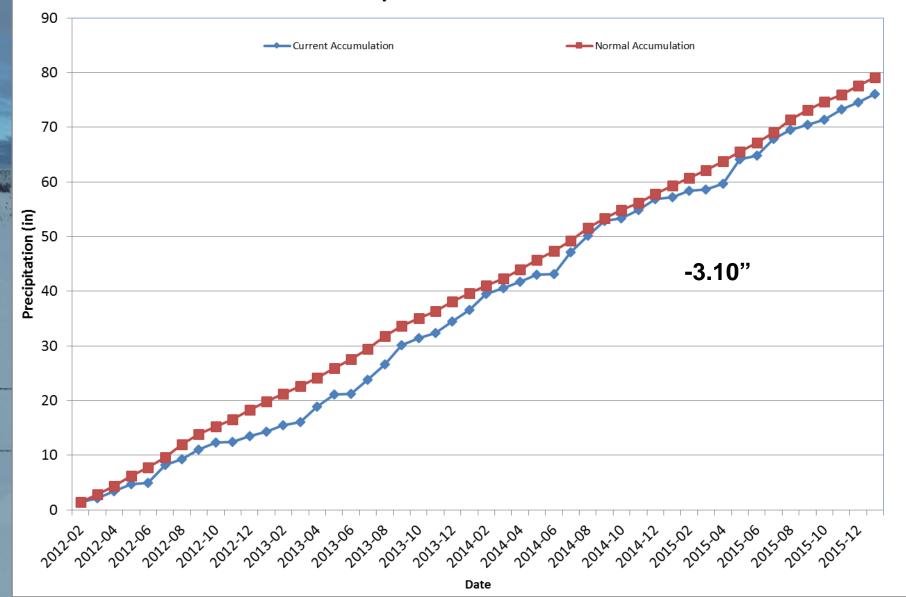
Division 1 – Grand Lake 1NW

Grand Lake 1 NW 2016 Water Year



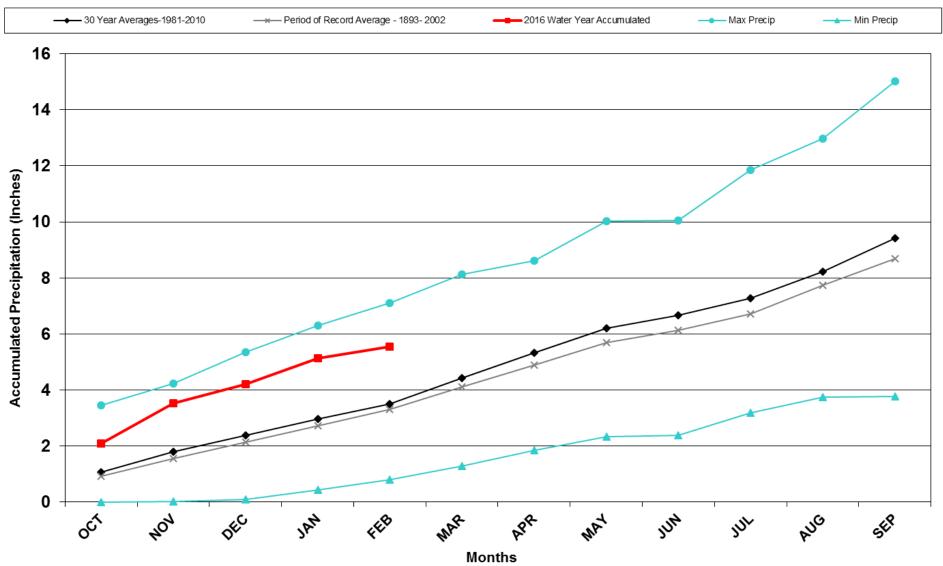
Division 1 – Grand Lake 1NW

Grand Lake 1NW Precipitation Accumulation



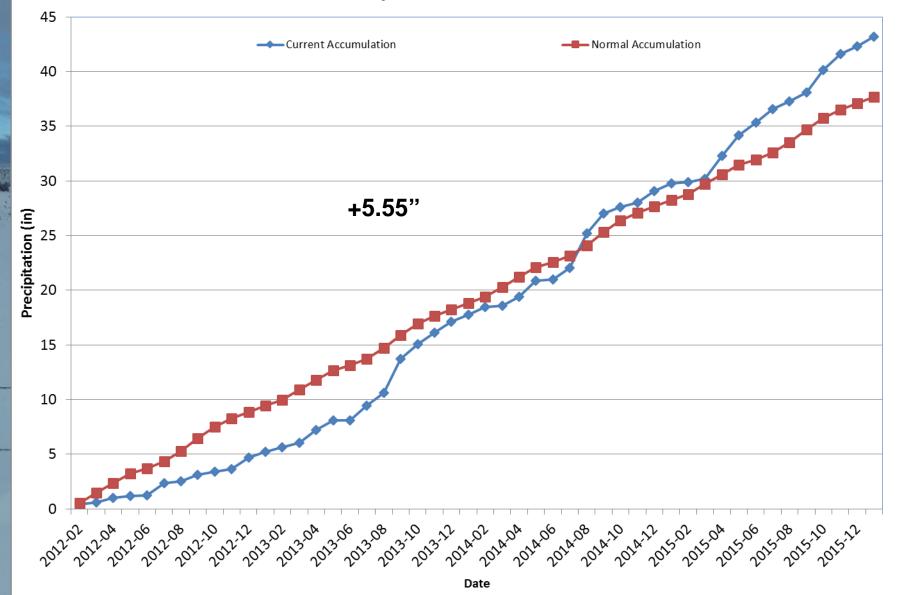
Division 2 – Grand Junction

Grand Junction WSFO 2016 Water Year



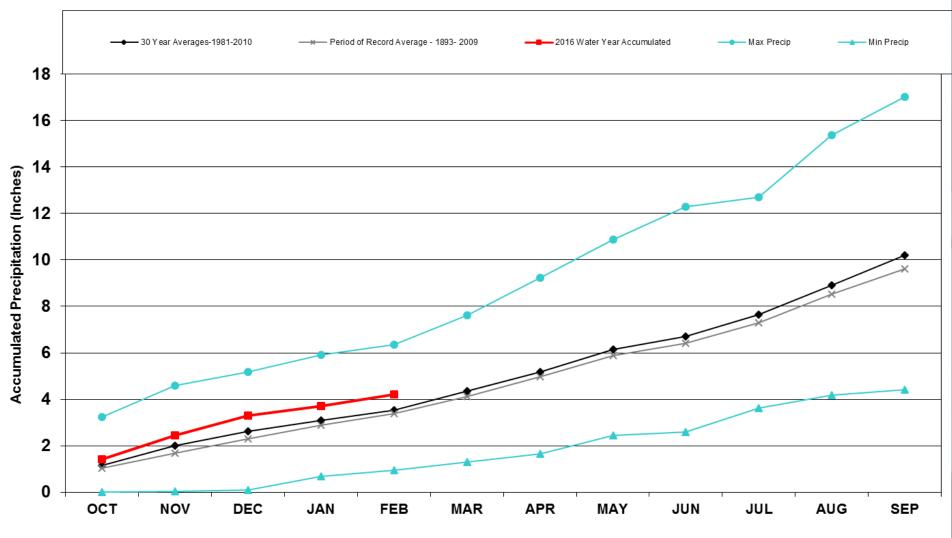
Division 2 – Grand Junction

Grand Junction Precipitation Accumulation



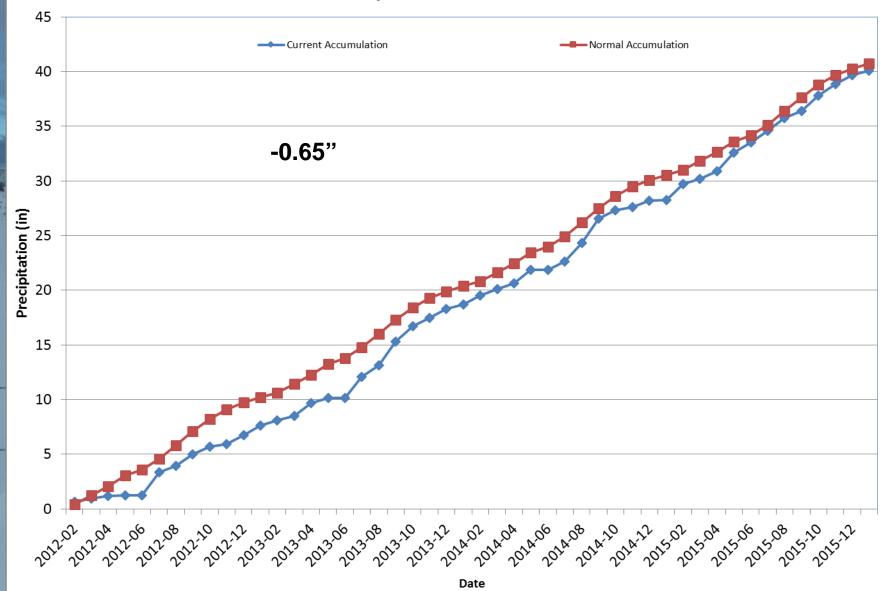
Division 3 – Montrose

Montrose #2 2016 Water Year



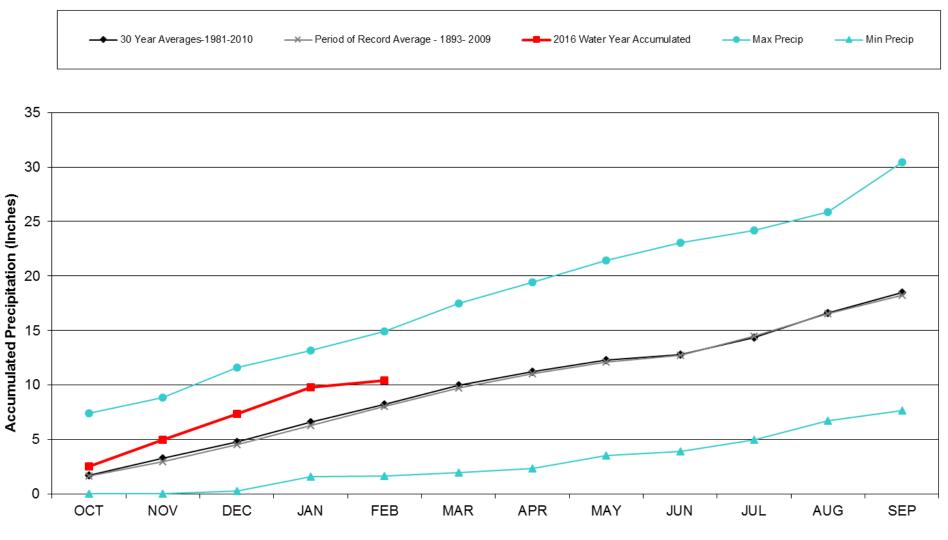
Division 3 – Montrose

Montrose #2 Precipitation Accumulation



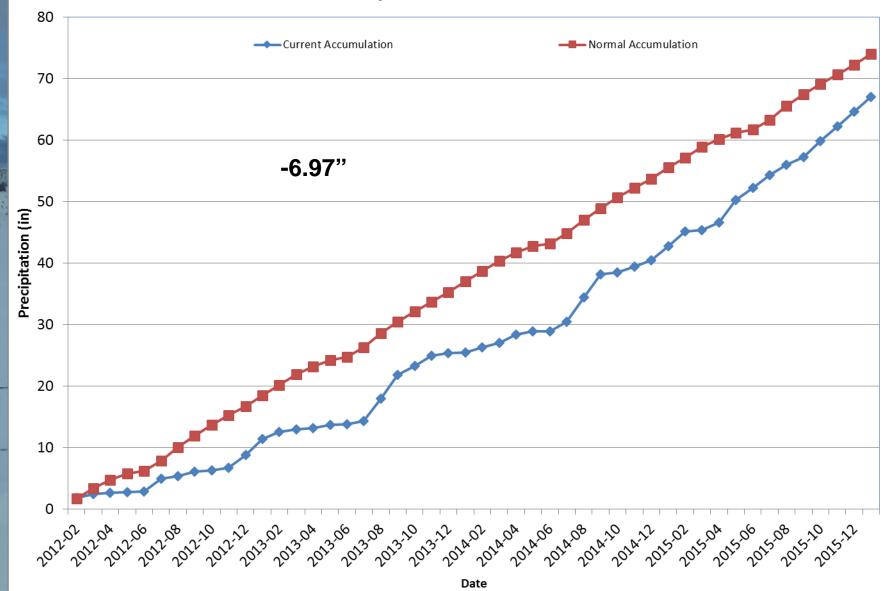
Division 3 – Mesa Verde NP

Mesa Verde NP 2016 Water Year



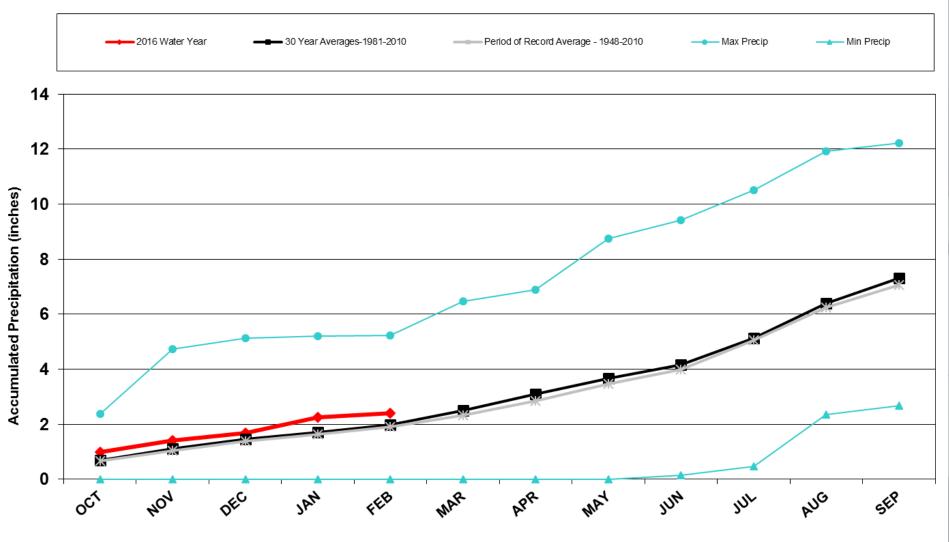
Division 3 – Mesa Verde NP

Mesa Verde NP Precipitation Accumulation



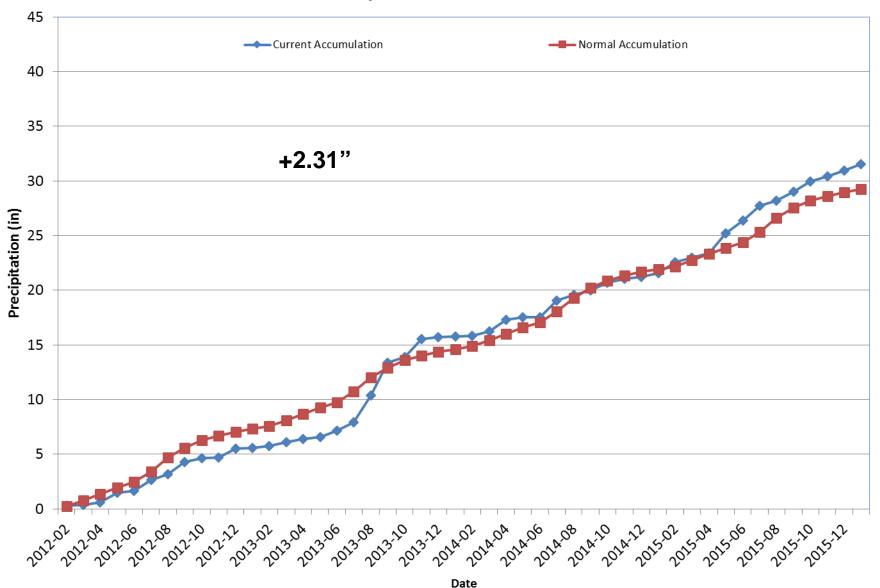
Division 4 – Alamosa

Alamosa WSO 2016 Water Year



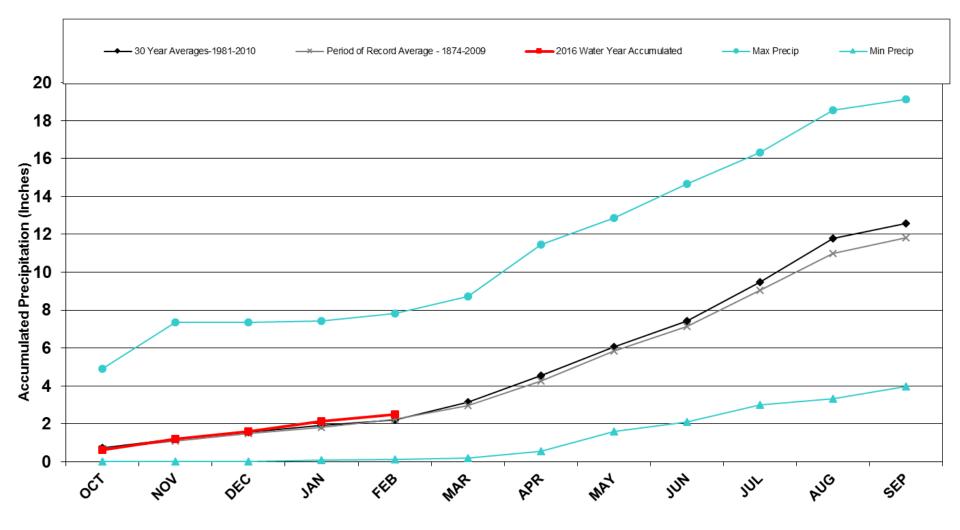
Division 4 – Alamosa

Alamosa WSO Precipitation Accumulation



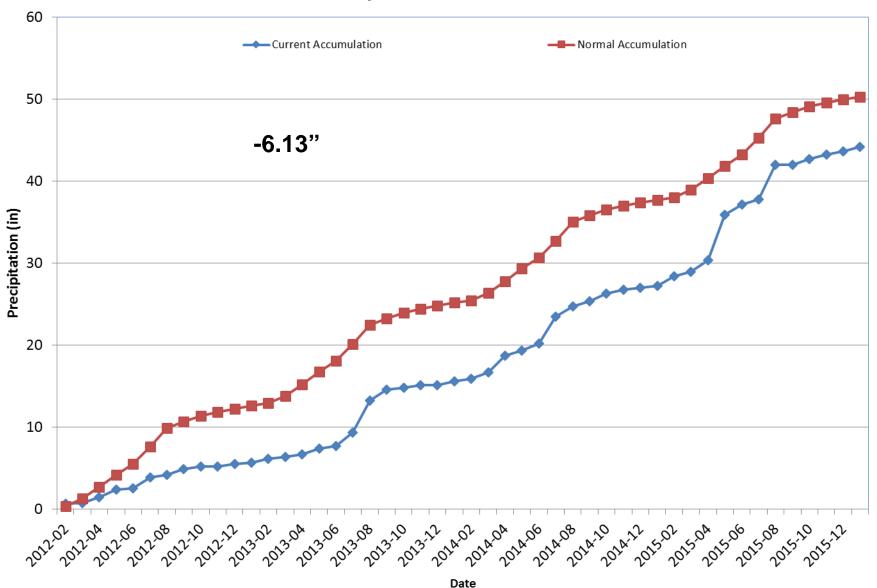
Division 5 – Pueblo

Pueblo WSO 2016 Water Year



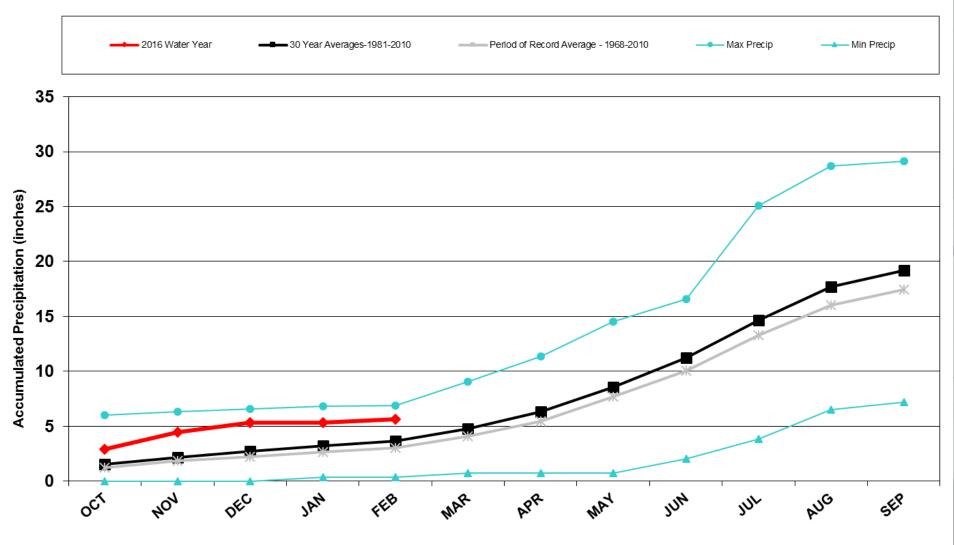
Division 5 – Pueblo

Pueblo Memorial AP Precipitation Accumulation



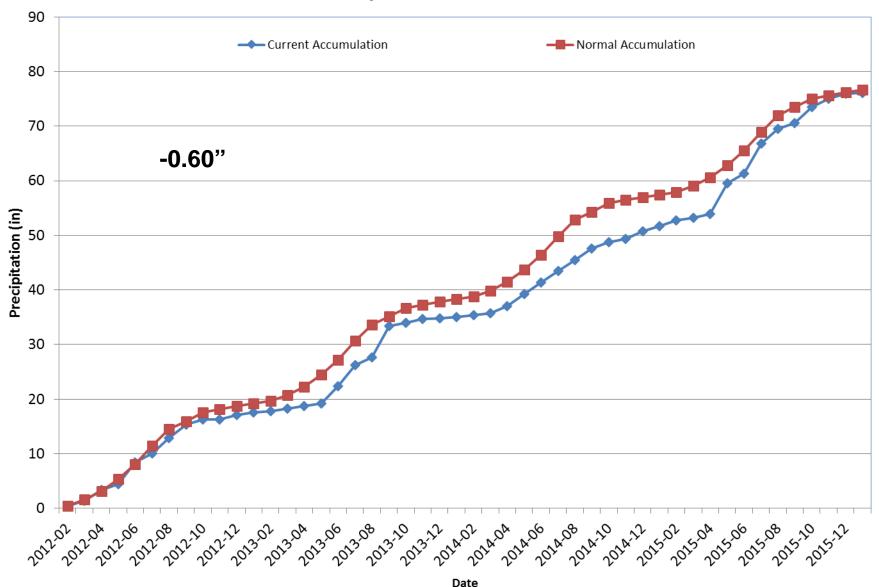
Division 6 - Walsh

Walsh 2016 Water Year



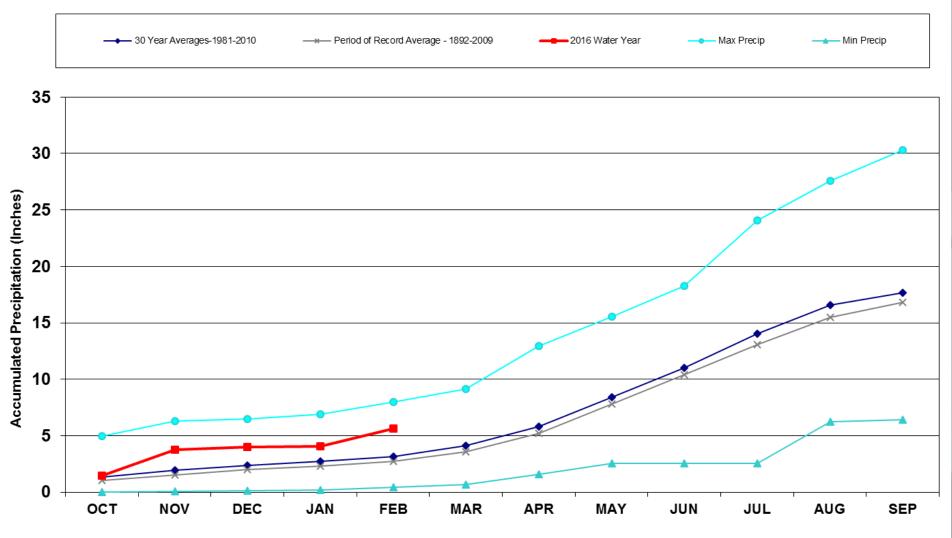
Division 6 - Walsh

Walsh 1W Precipitation Accumulation



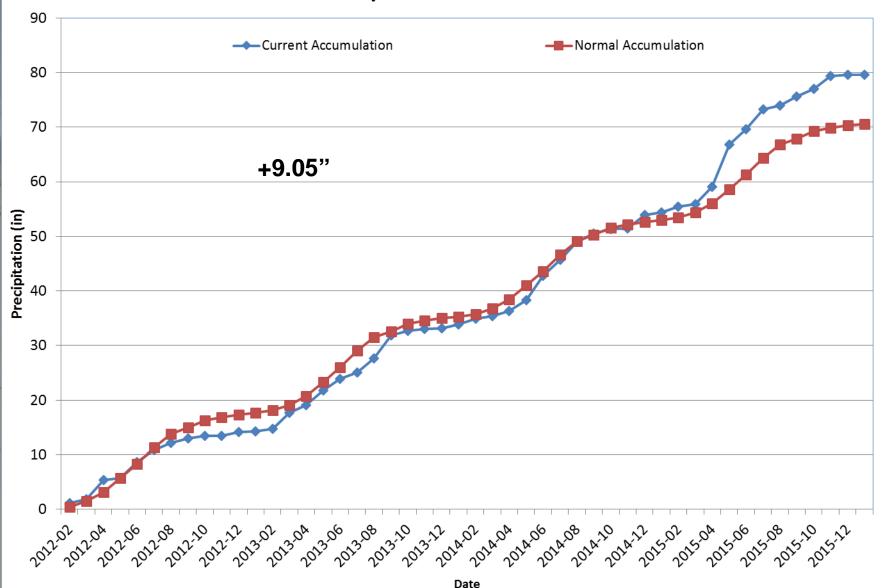
Division 6 - Burlington

Burlington 2016 Water Year



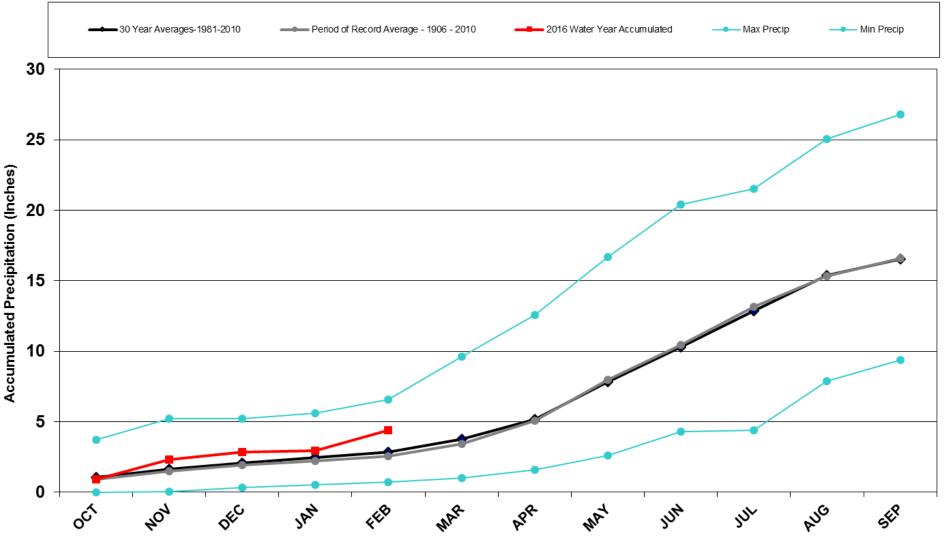
Division 6 - Burlington

Burlington, CO Precipitation Accumulation



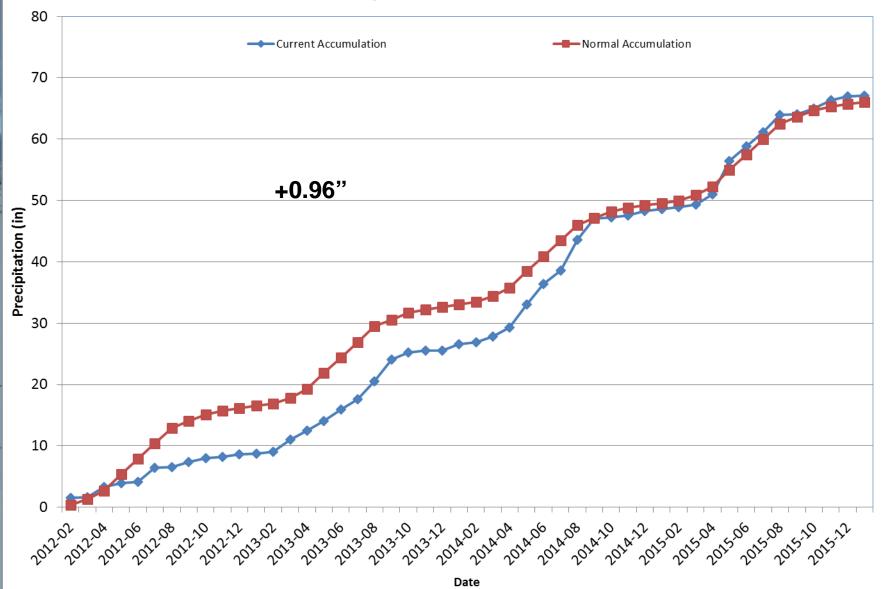
Division 7 – Akron

Akron 4E 2016 Water Year



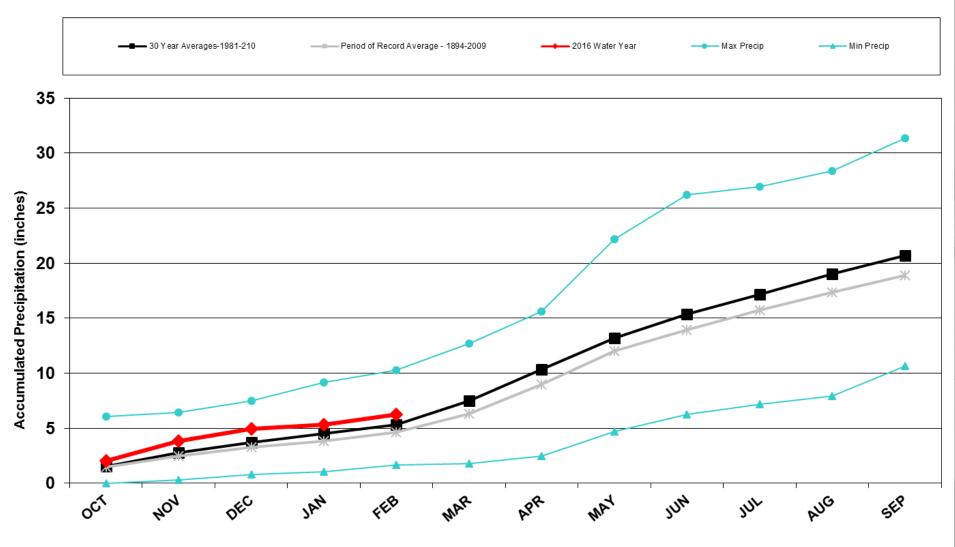
Division 7 – Akron

Akron 4E Precipitation Accumulation



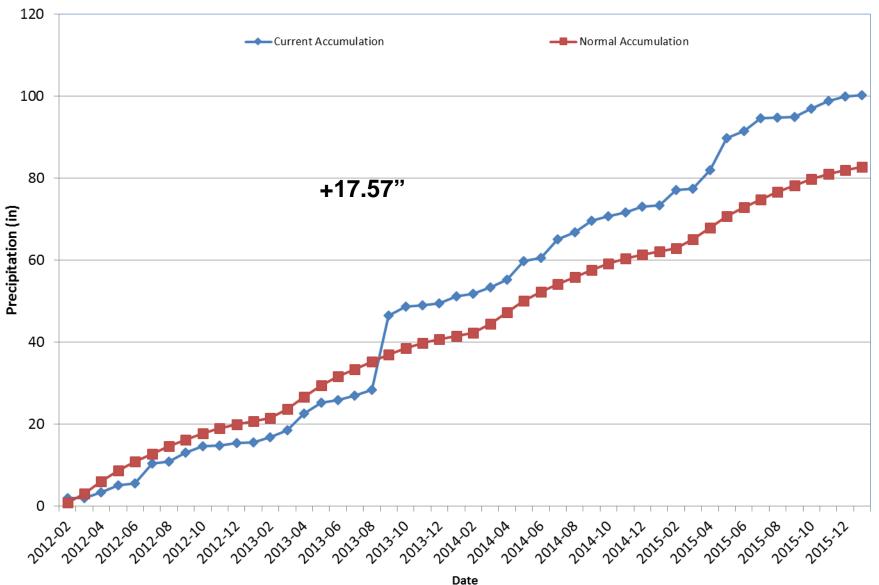
Division 8 - Boulder

Boulder 2016 Water Year



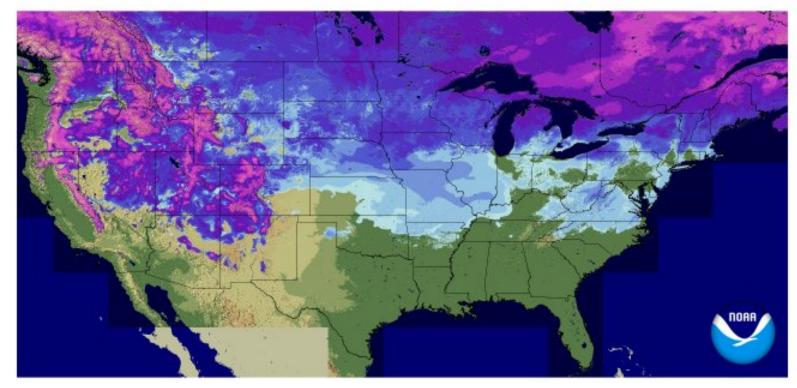
Division 8 - Boulder





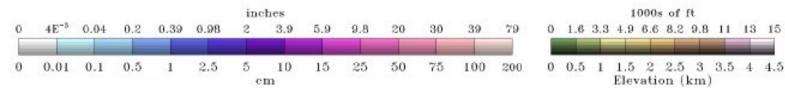
National Snow Analysis, 20 Jan 16

Snow Water Equivalent 2016-01-20 06 UTC



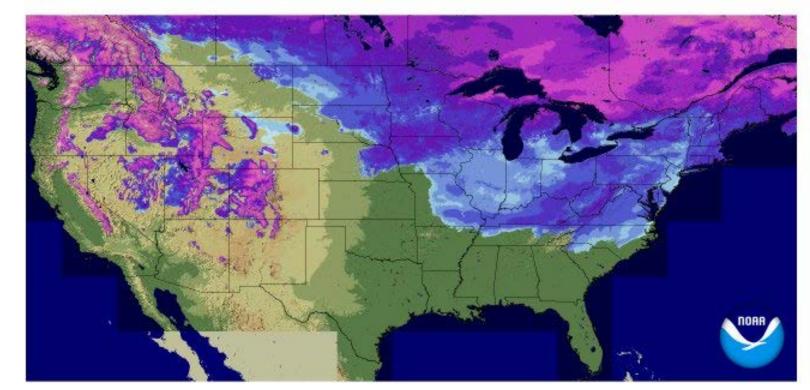
Nation

N/N



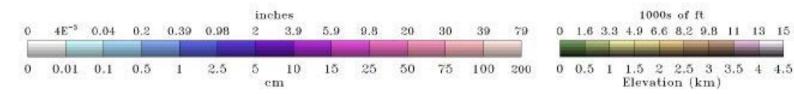
Snow Analysis, 16 Feb 2016

Snow Water Equivalent 2016-02-16 06 UTC

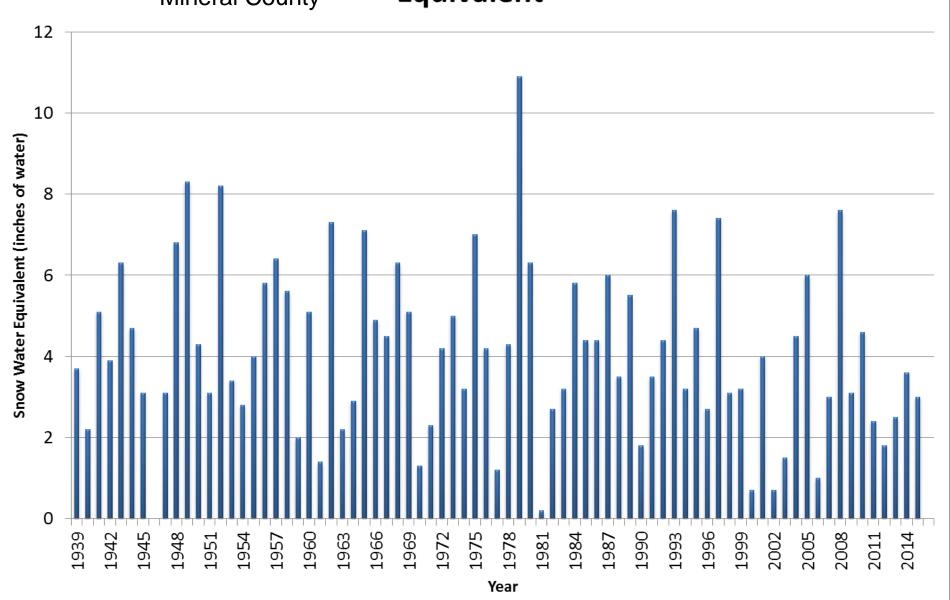


Nationa

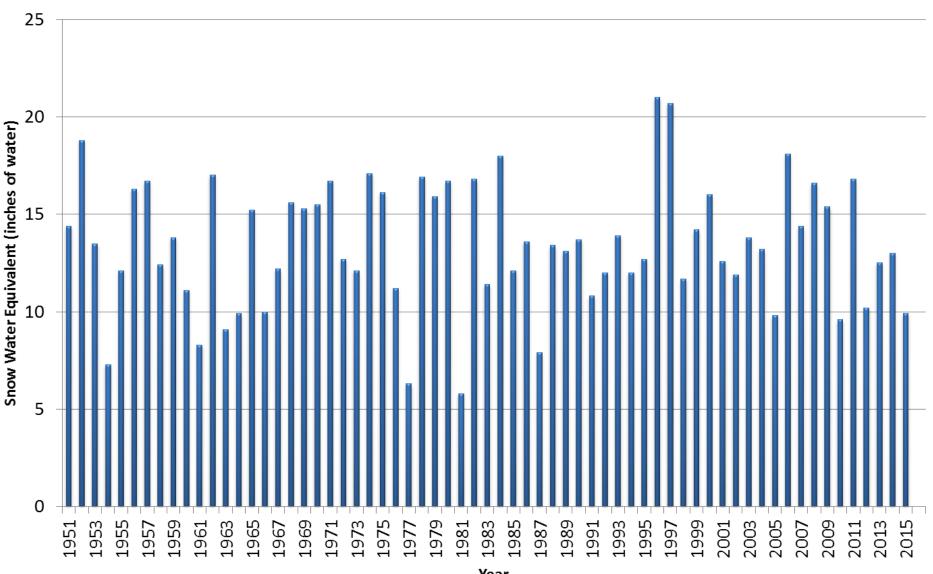
MN



Santa Maria Snow Course March 1 Snow WaterMineral CountyEquivalent

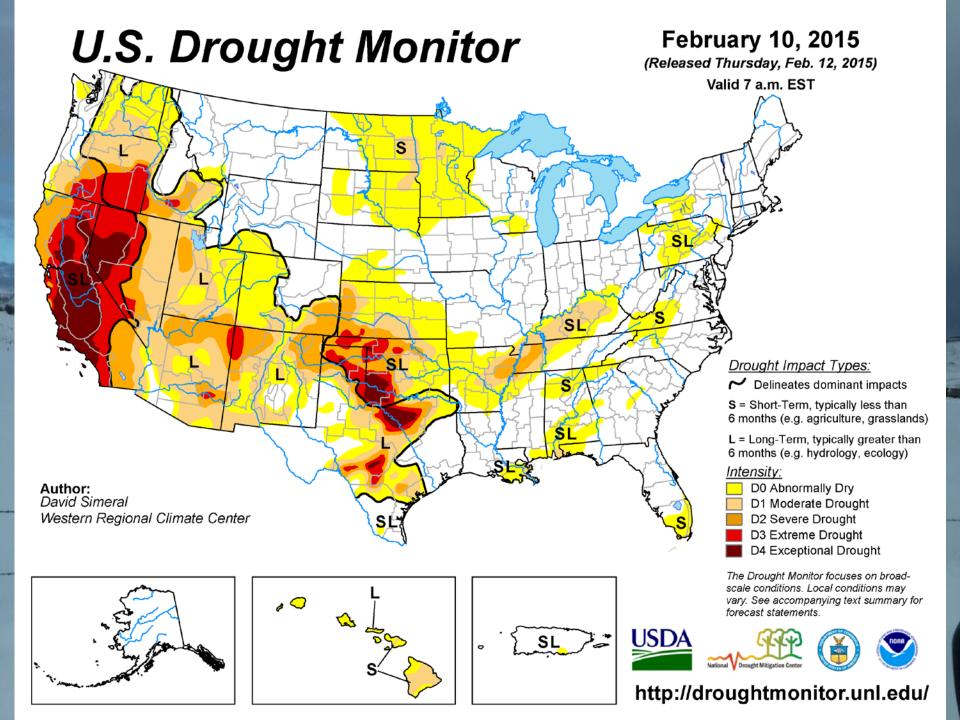


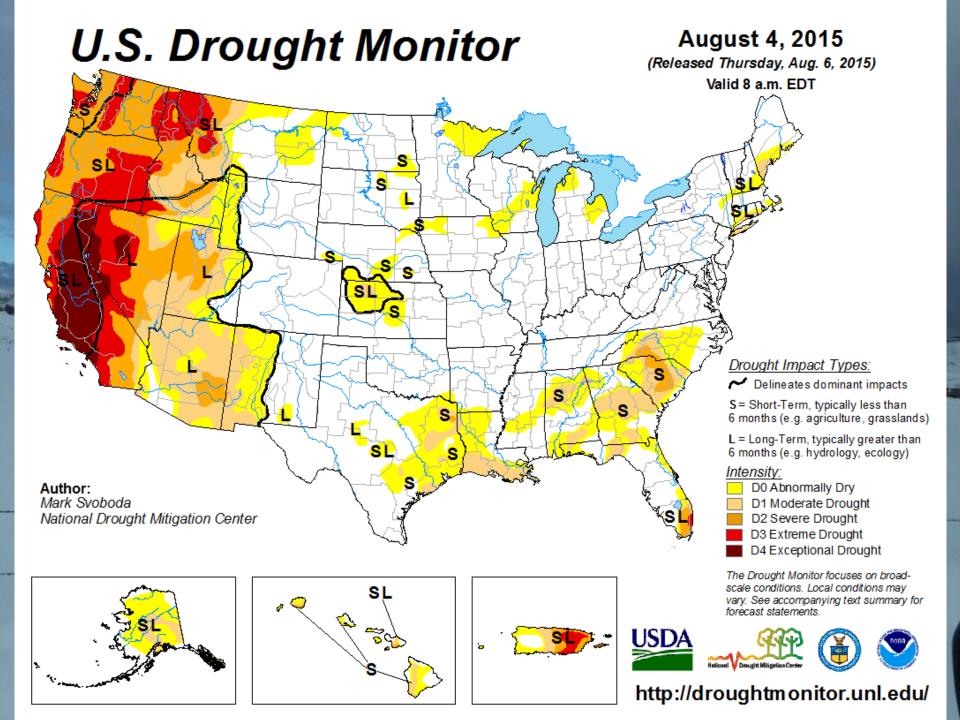
Yampa View Snow Course March 1 Snow Water Routt County Equivalent

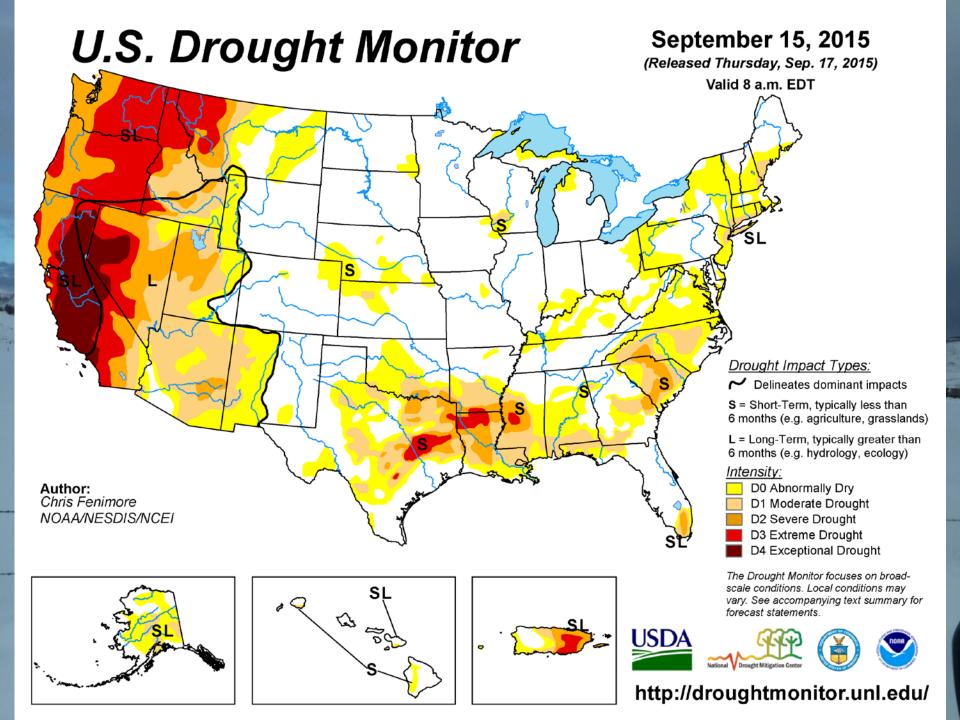


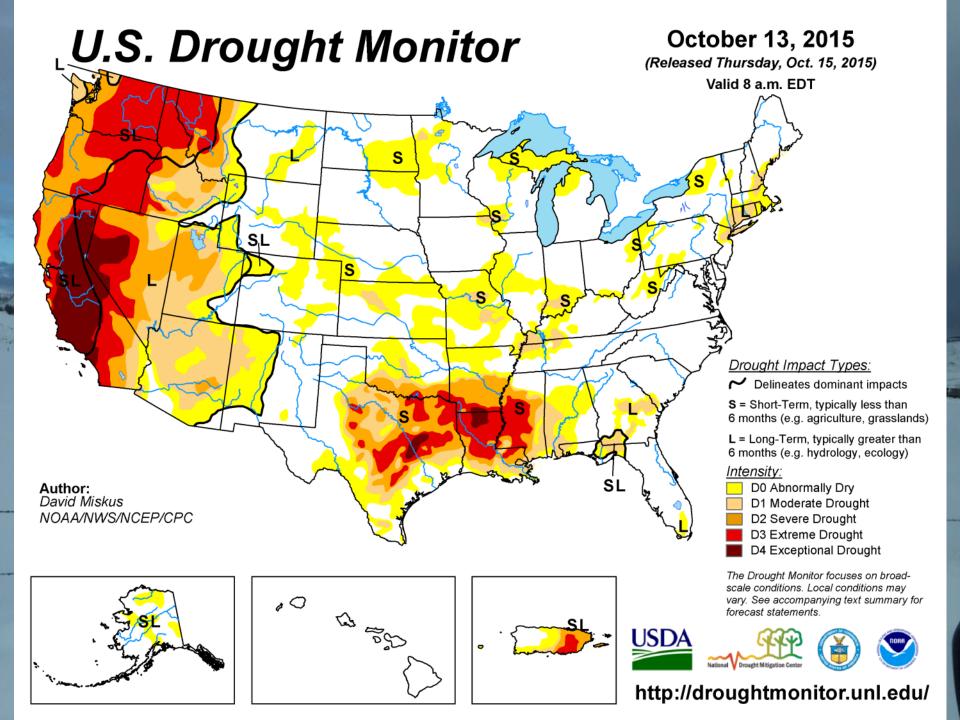
How have our drought conditions varied over the past year?

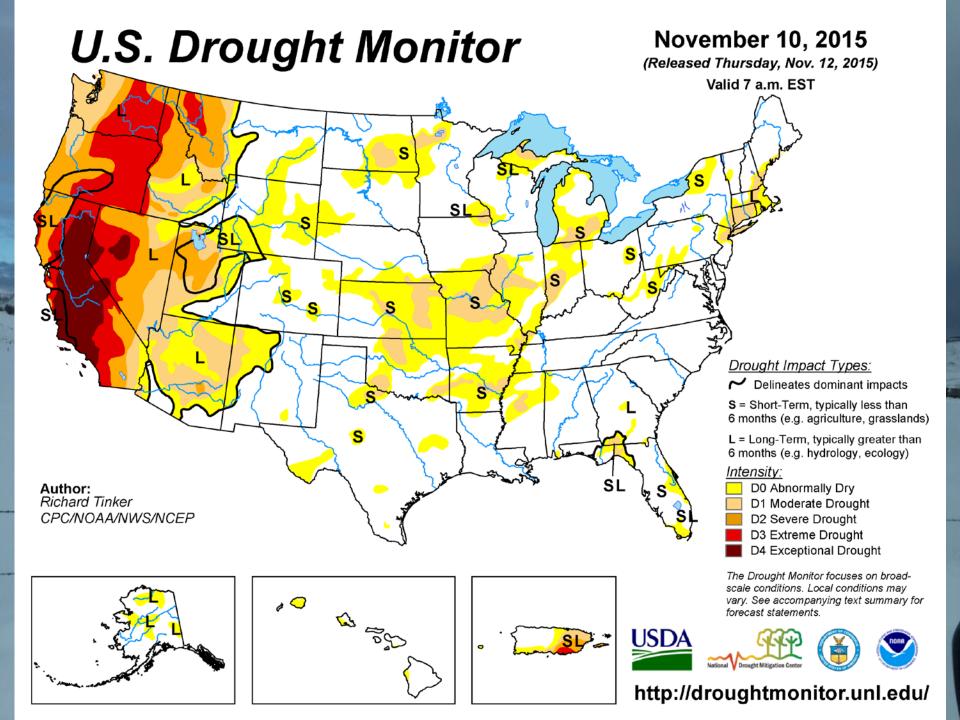
We've had a good year overall

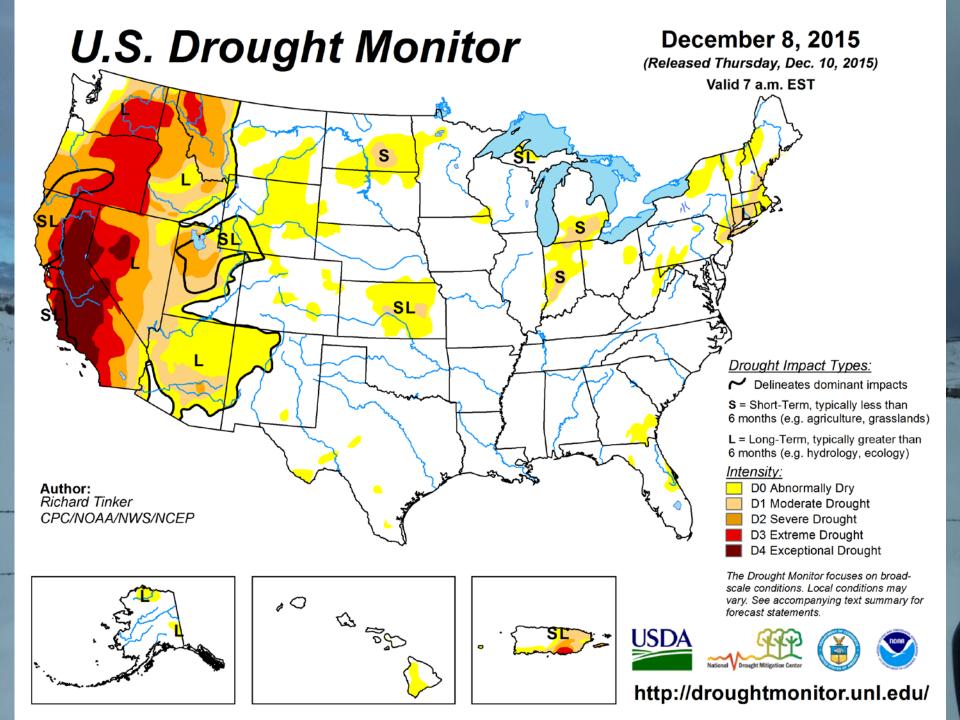


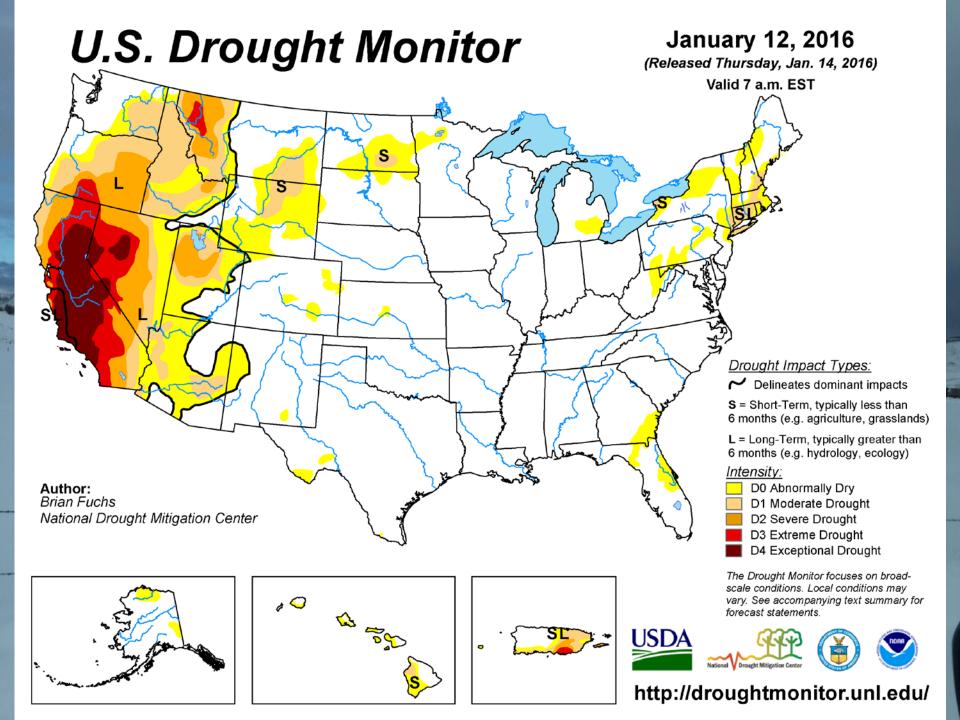


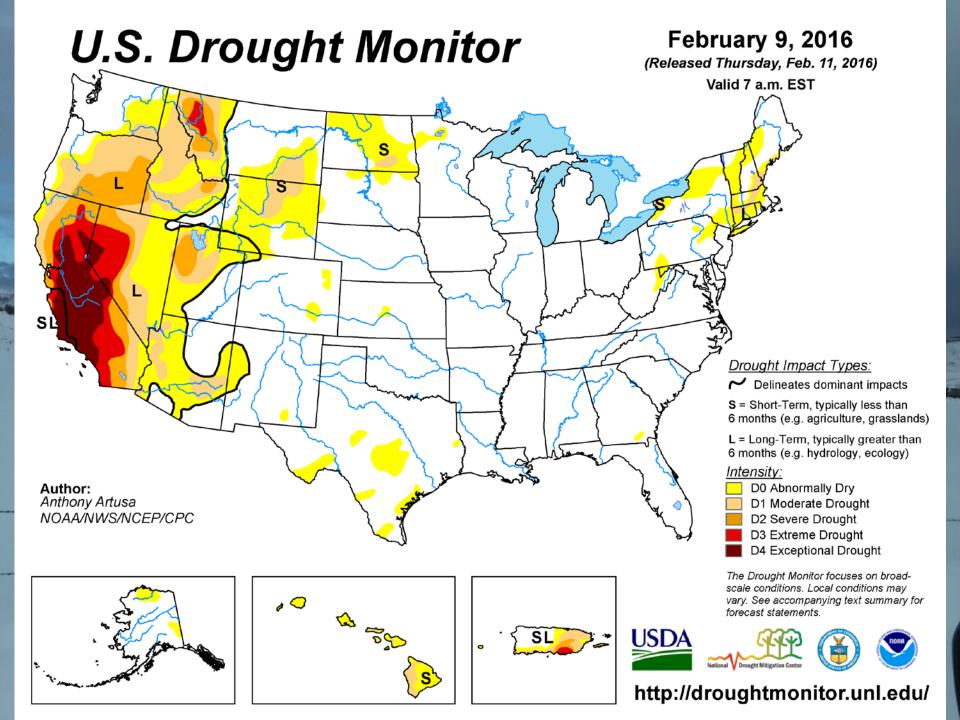










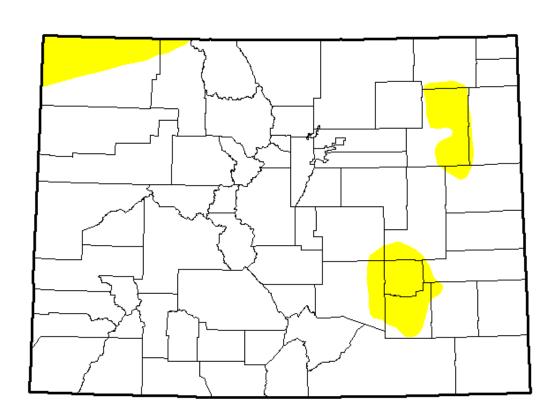


U.S. Drought Monitor Colorado

February 9, 2016

(Released Thursday, Feb. 11, 2016) Valid 7 a.m. EST

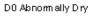
Drought Conditions (Percent Area)



	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	92.65	7.35	0.00	0.00	0.00	0.00
Last Week 2/2/2016	89.95	10.05	0.00	0.00	0.00	0.00
3 Month s Ago 11/10/2015	79.91	20.09	0.00	0.00	0.00	0.00
Start of Calend ar Year 12/2 9/2 0/15	90.02	9.98	0.00	0.00	0.00	0.00
Start of Water Year 9/29/2015	71.49	28.51	0.00	0.00	0.00	0.00
One Year Ago 2/10/2015	36.97	63.03	21.43	12.20	0.00	0.00

Intensity:

D1 Moderate Drought



D3 Extreme Drought

D4 Exceptional Drought

D2 Severe Drought

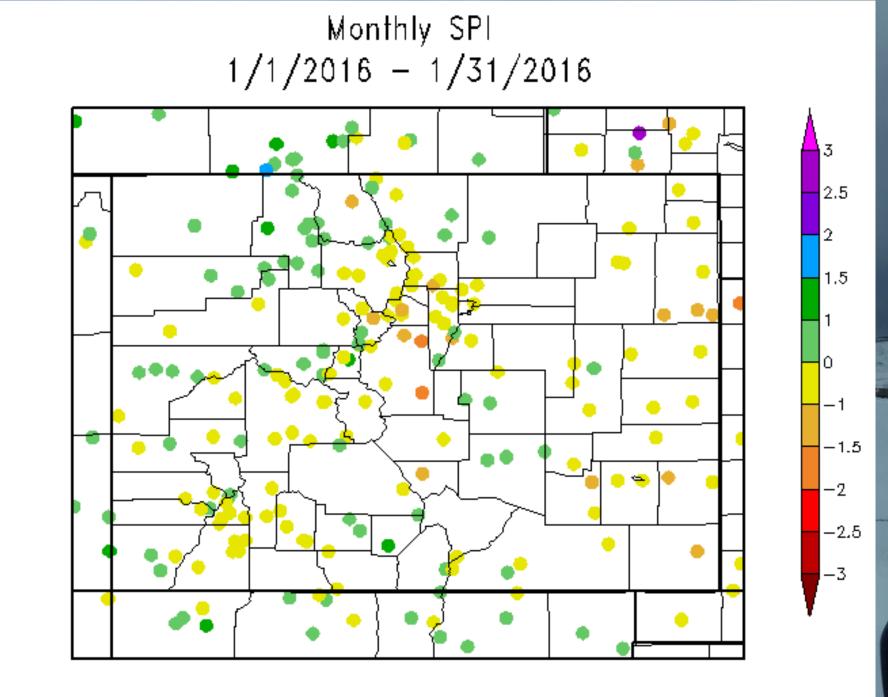
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author:

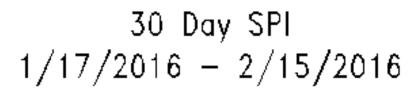
Anthony Artusa NOAA/NWS/NCEP/CPC

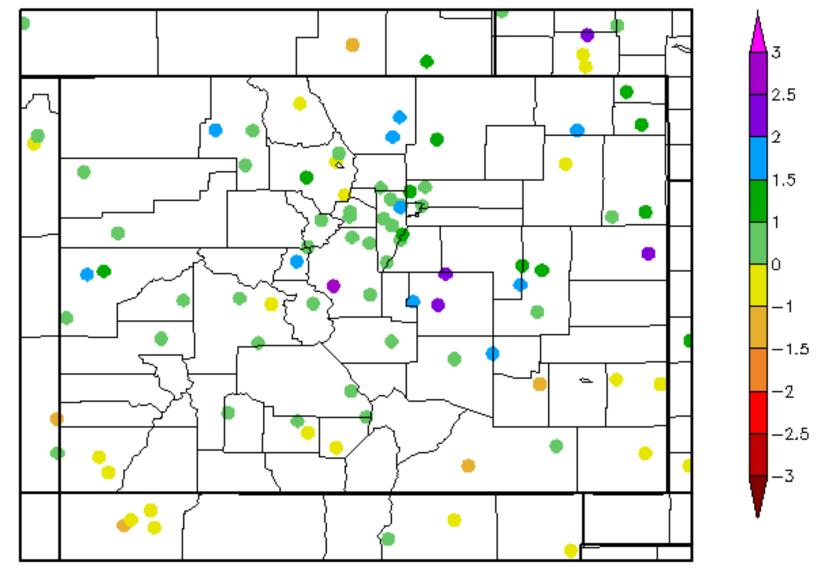


http://droughtmonitor.unl.edu/

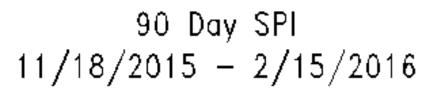


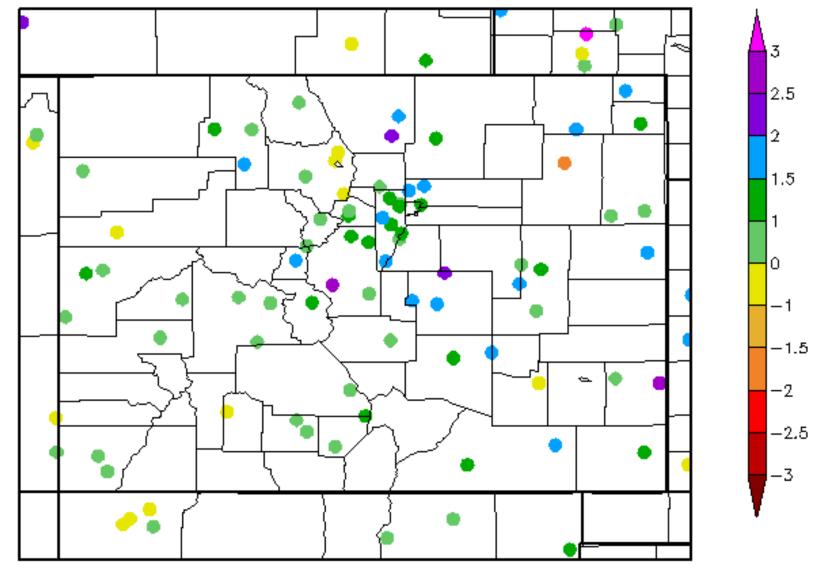
Generated 2/11/2016 at HPRCC using provisional data.



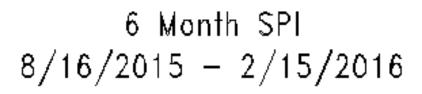


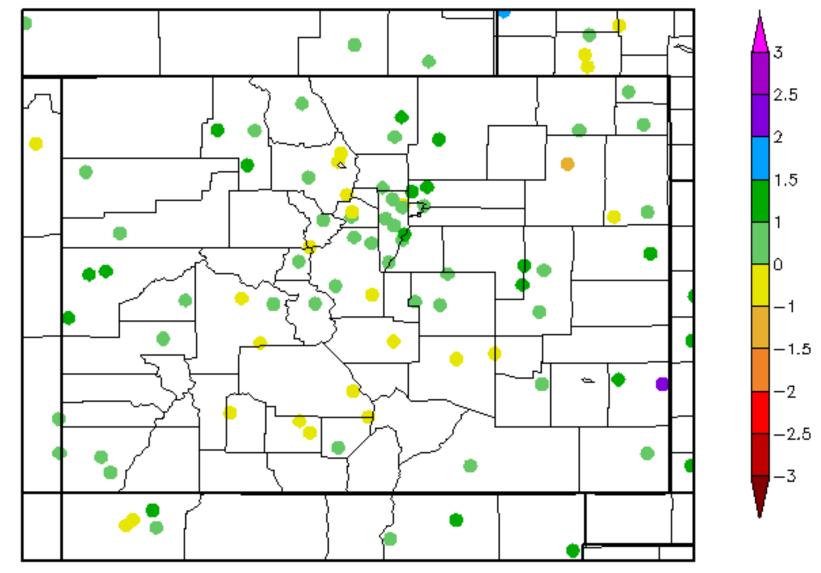
Generated $2/1\delta/2016$ at HPRCC using provisional data.





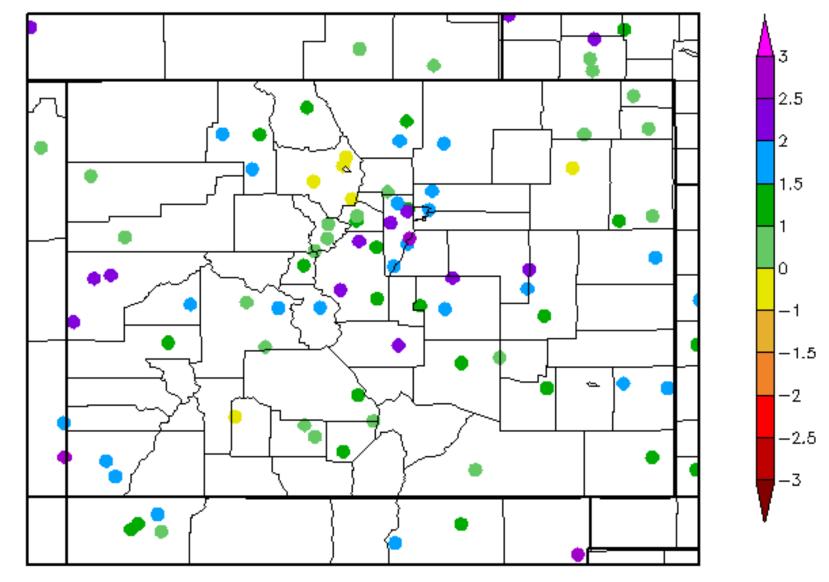
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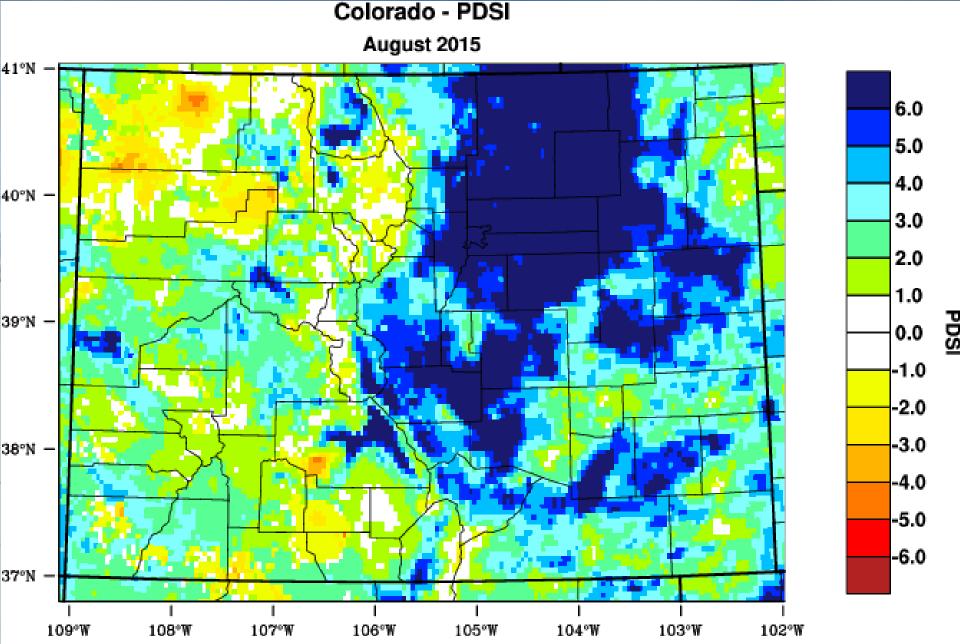


Generated $2/1\delta/2016$ at HPRCC using provisional data.

12 Month SPI 2/16/2015 - 2/15/2016



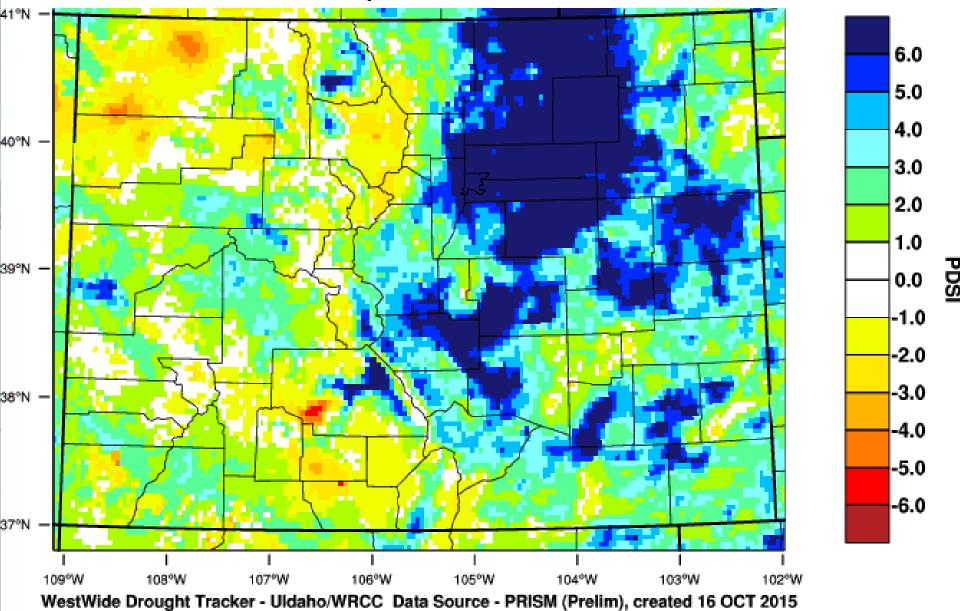
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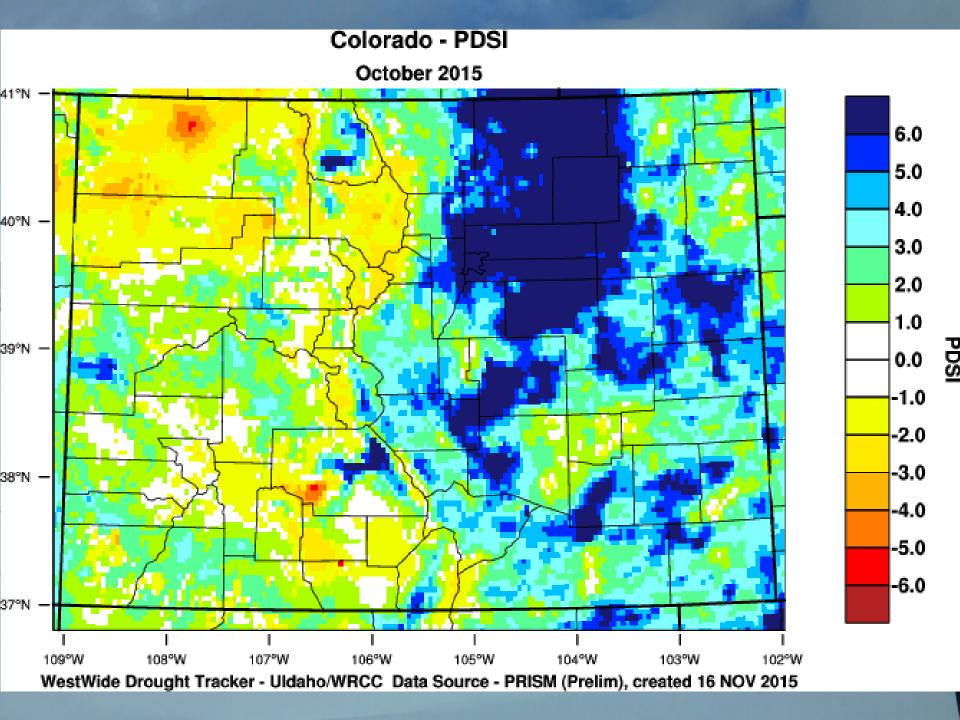


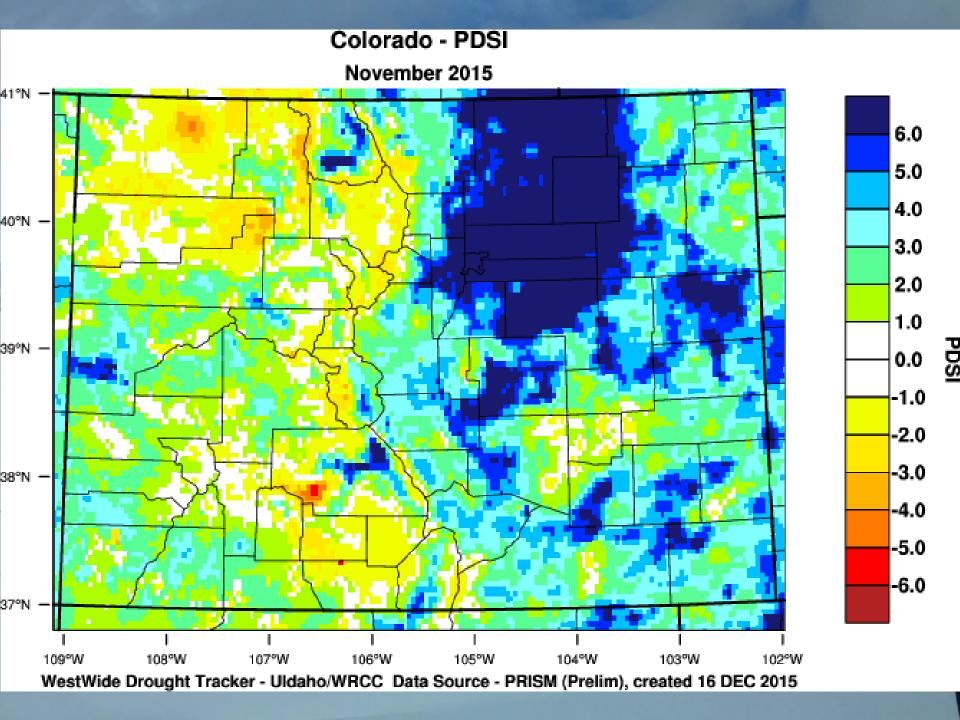
WestWide Drought Tracker - WRCC/UI Data Source - PRISM (Prelim), created 16 SEP 2015

Colorado - PDSI

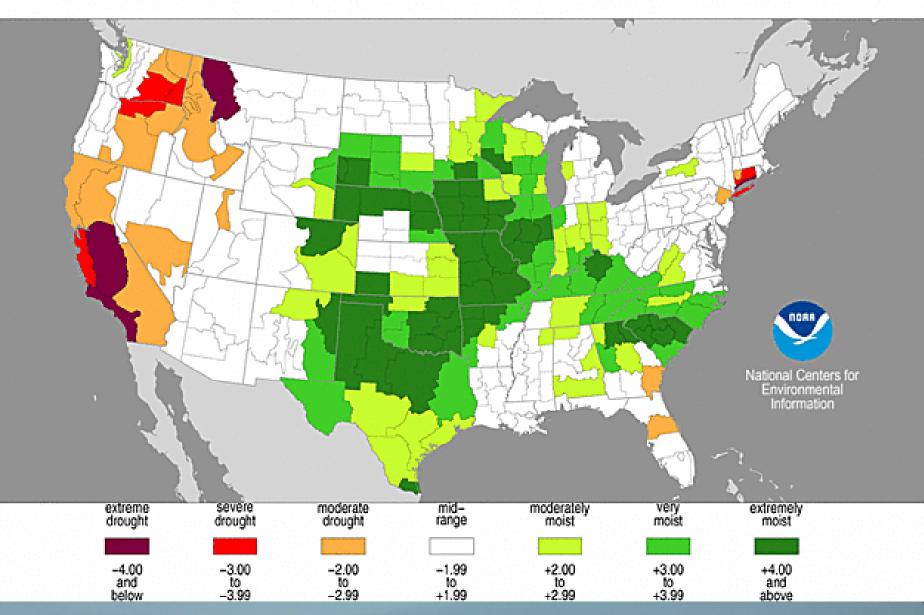
September 2015

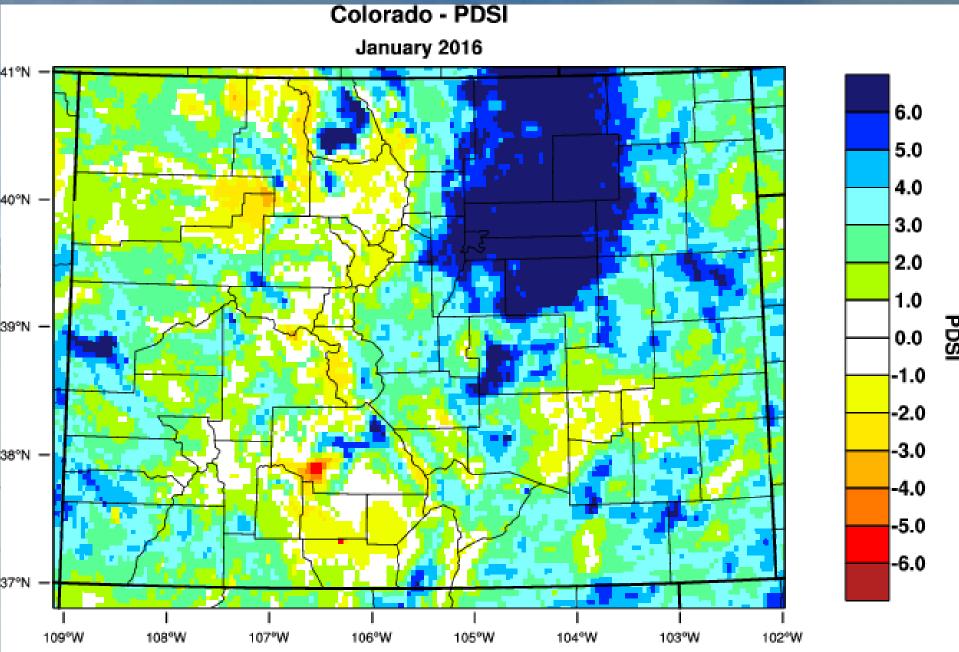






Palmer Drought Severity Index December, 2015





WestWide Drought Tracker, U Idaho/WRCC Data Source: PRISM (Prelim), created 16 FEB 2016

Any Concerns?

 We're in a "lull" -- that's not unusual, so don't panic.

- The next 4 months are springtime "show time"
- 3-4 spring storms will make the difference between good year and not, especially for the Arkansas and S.
 Platte (
- "indicators" suggest a warm summer ahead.

Colorado Climate Center

Data and Power Point Presentations available for downloading

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



