

Climate Update

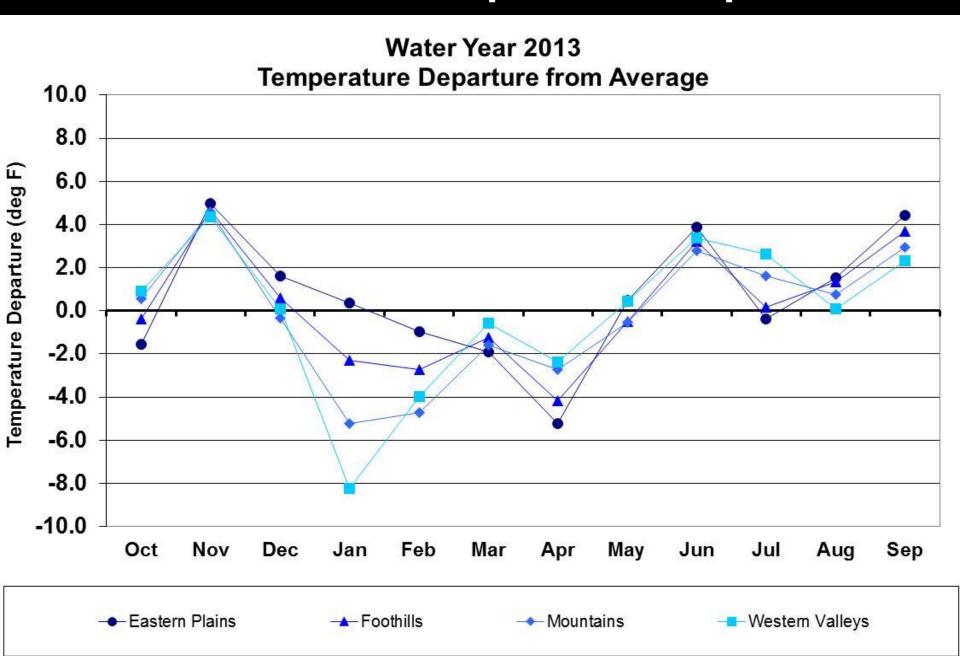


Wendy Ryan Colorado Climate Center

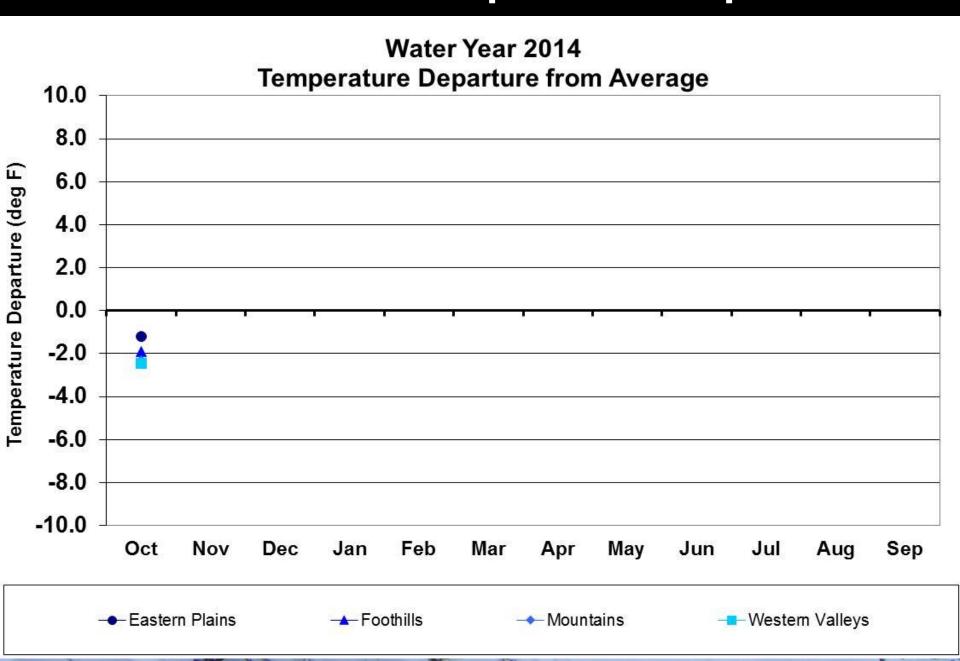
Colorado Assistant State Climatologist Colorado State University

Presented to Water Availability Task Force 21 November 2013 Denver, CO

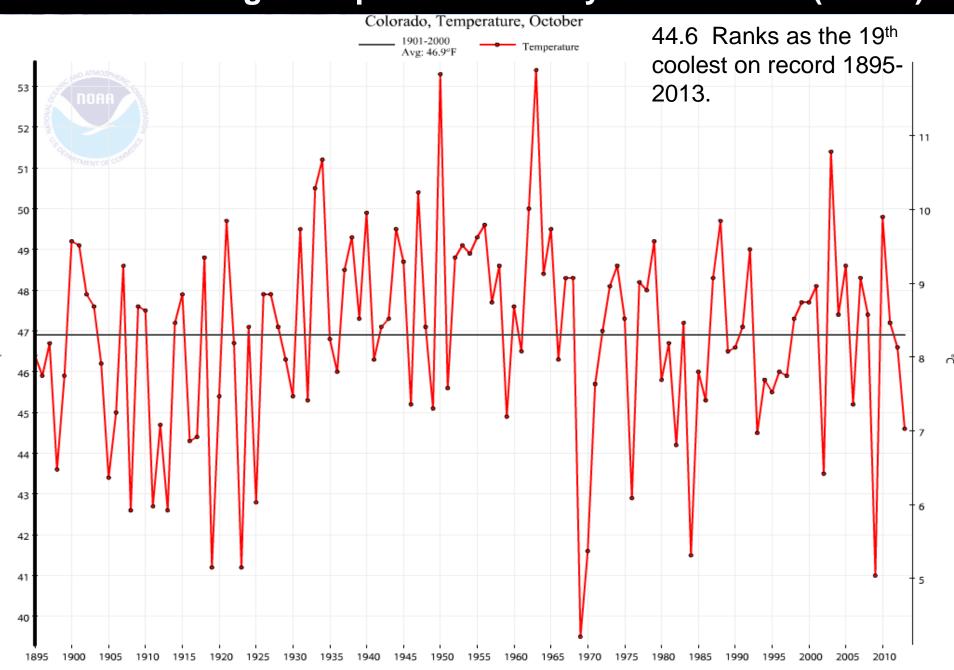
Water Year 2013 Temperature Departures



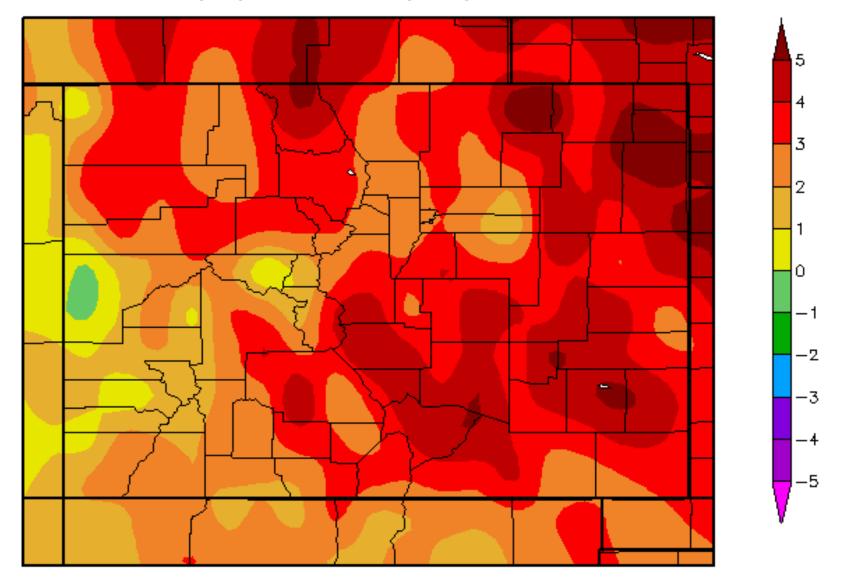
Water Year 2014 Temperature Departures



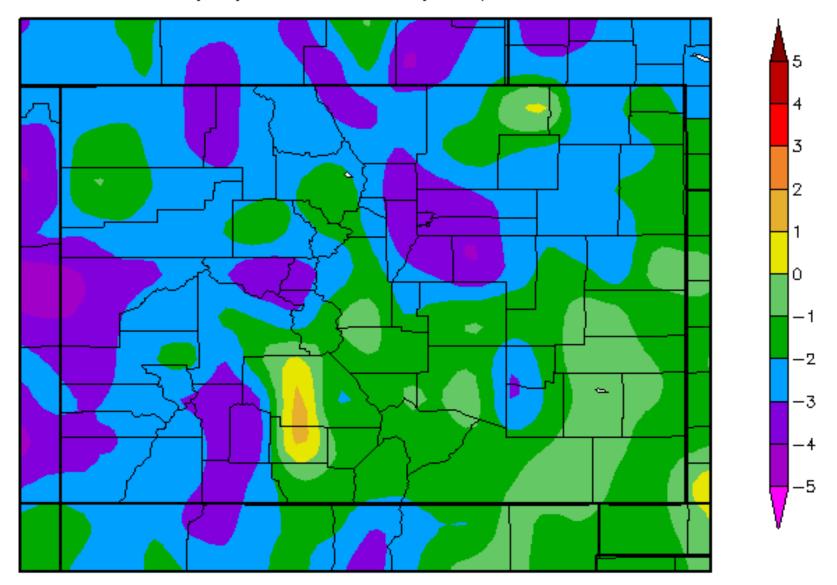
October Average Temperature History for Colorado (NCDC)



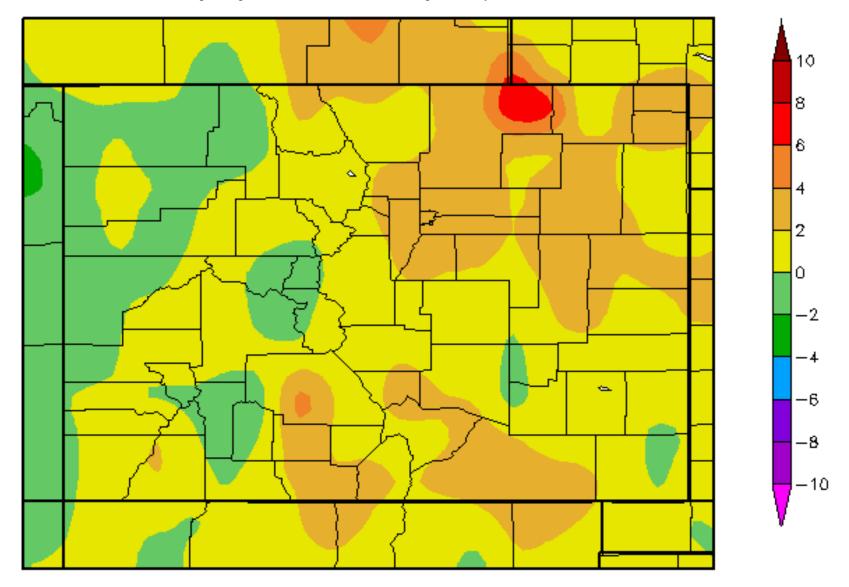
Departure from Normal Temperature (F) 9/1/2013 - 9/30/2013



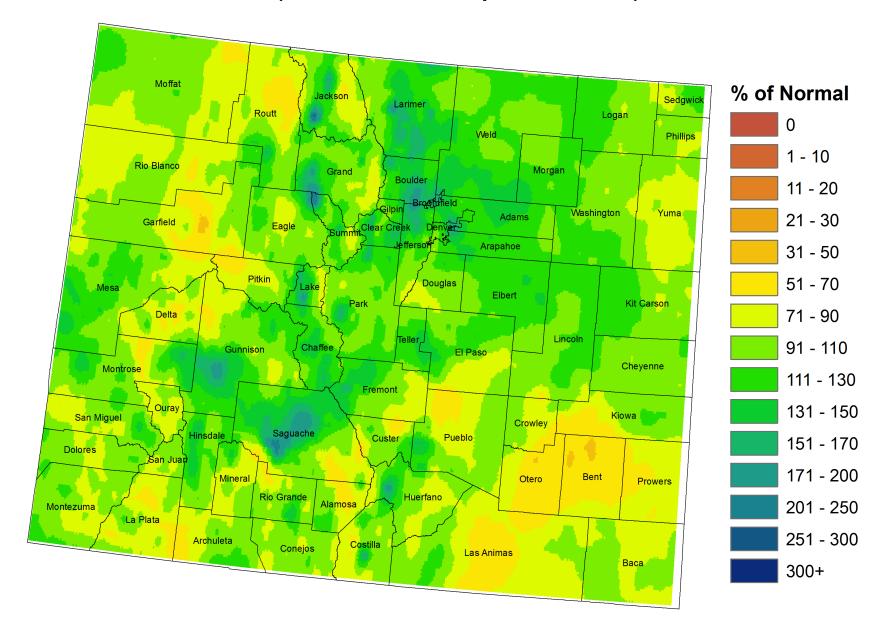
Departure from Normal Temperature (F) 10/1/2013 - 10/31/2013



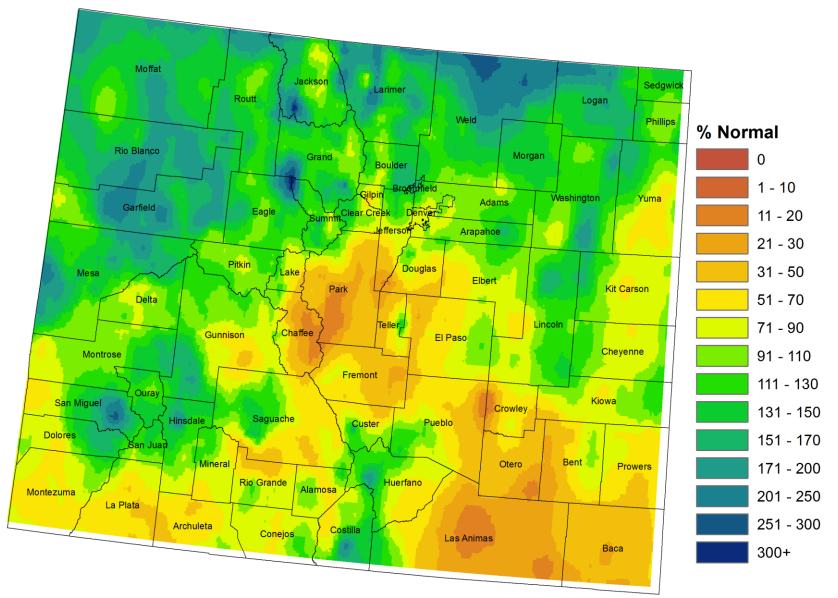
Departure from Normal Temperature (F) 11/1/2013 - 11/19/2013



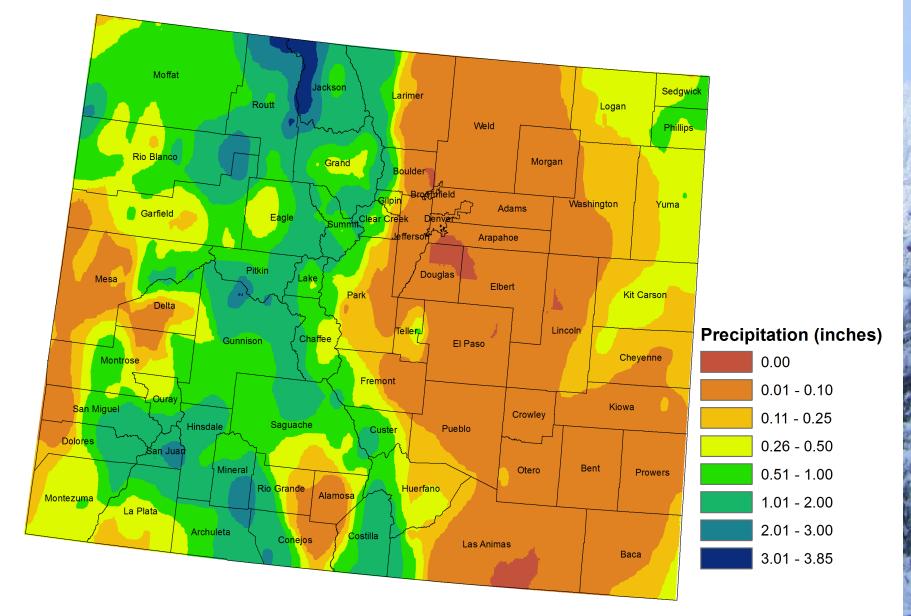
Colorado Water Year 2013 Precipitation as Percentage of Normal (October 2012 - September 2013)



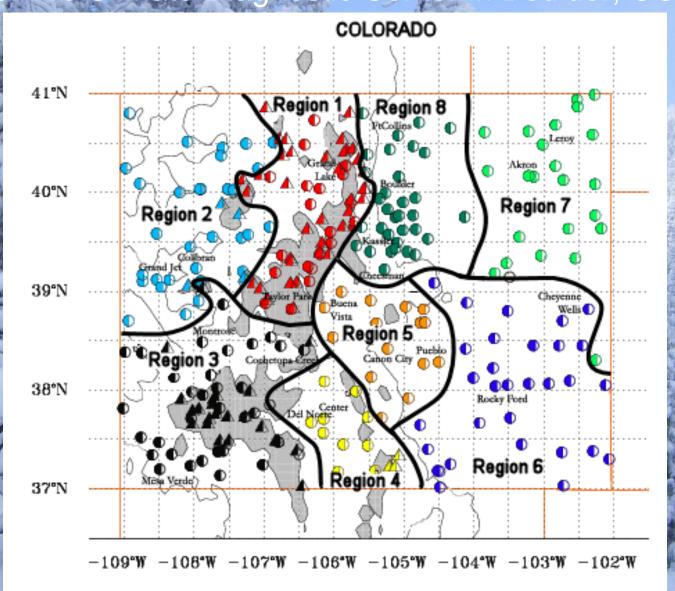
Colorado October 2013 Precipitation as Percentage of Normal



Colorado Month to Date Precipitation 1 - 18 November 2013

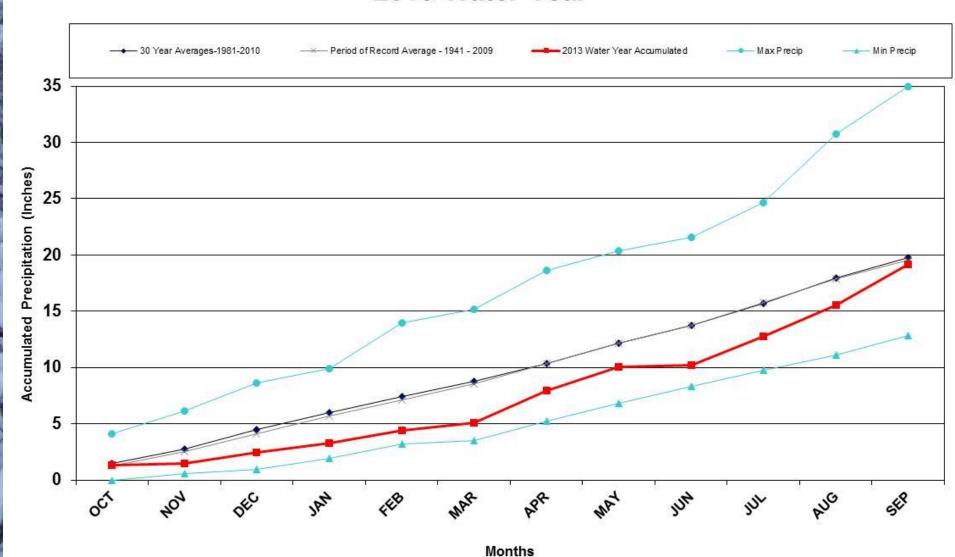


Climate divisions defined by Dr. Klaus Wolter of NOAA's Climate Diagnostic Center in Boulder, CO



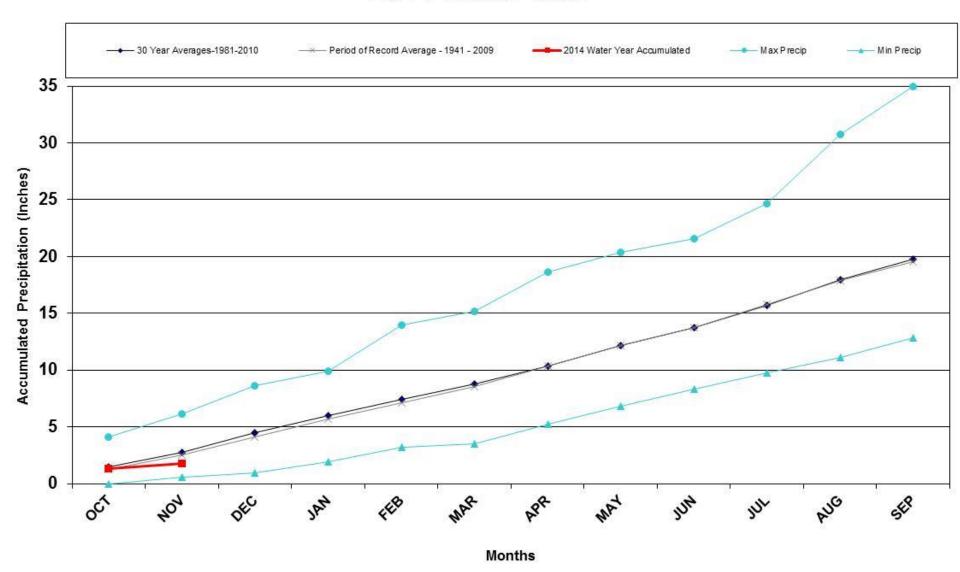
Division 1 – Grand Lake 1NW

Grand Lake 1 NW 2013 Water Year



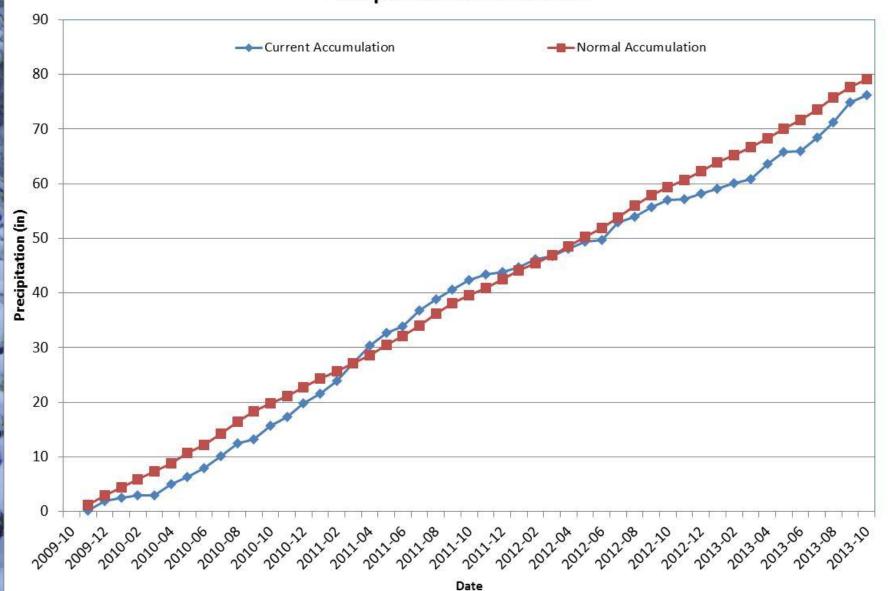
Division 1 – Grand Lake 1NW

Grand Lake 1 NW 2014 Water Year



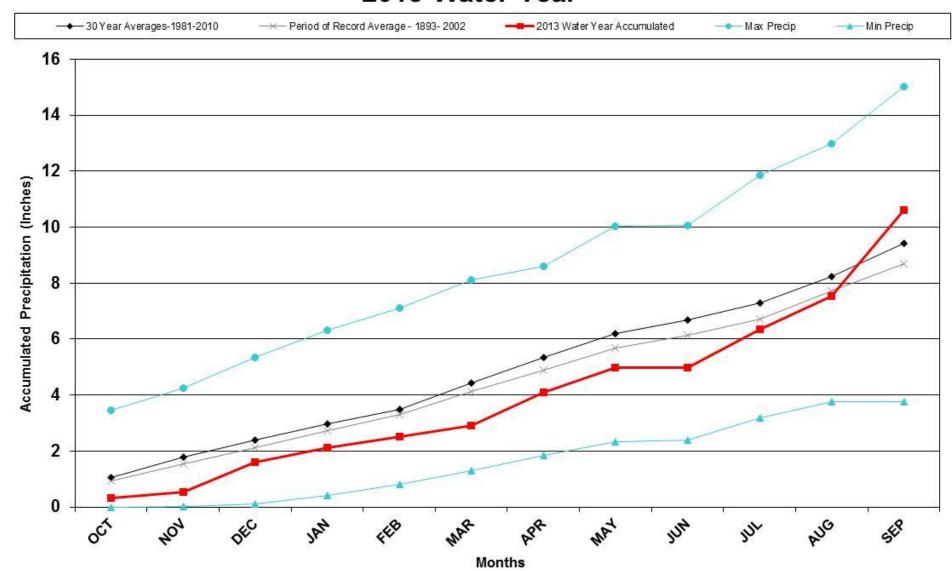
Division 1 – Grand Lake 1NW





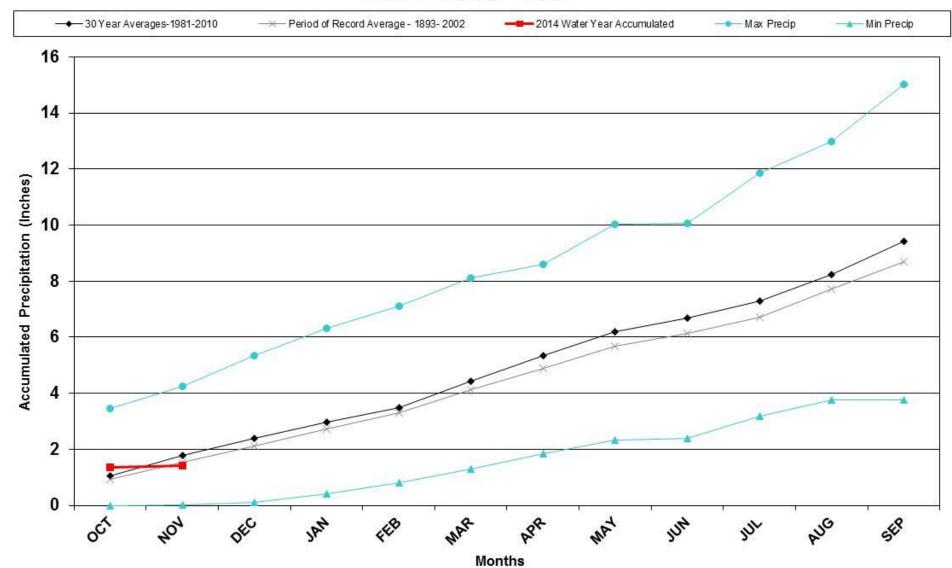
Division 2 – Grand Junction

Grand Junction WSFO 2013 Water Year

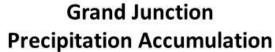


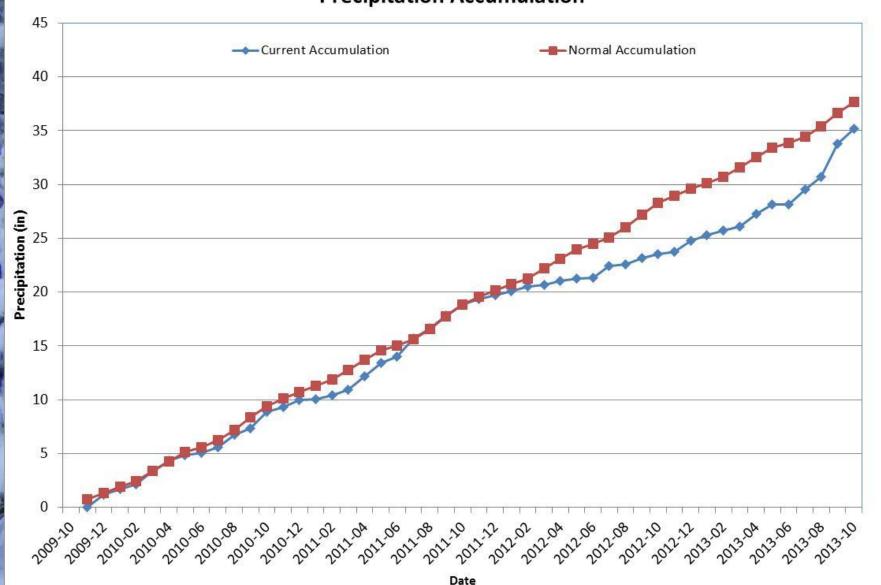
Division 2 – Grand Junction

Grand Junction WSFO 2014 Water Year



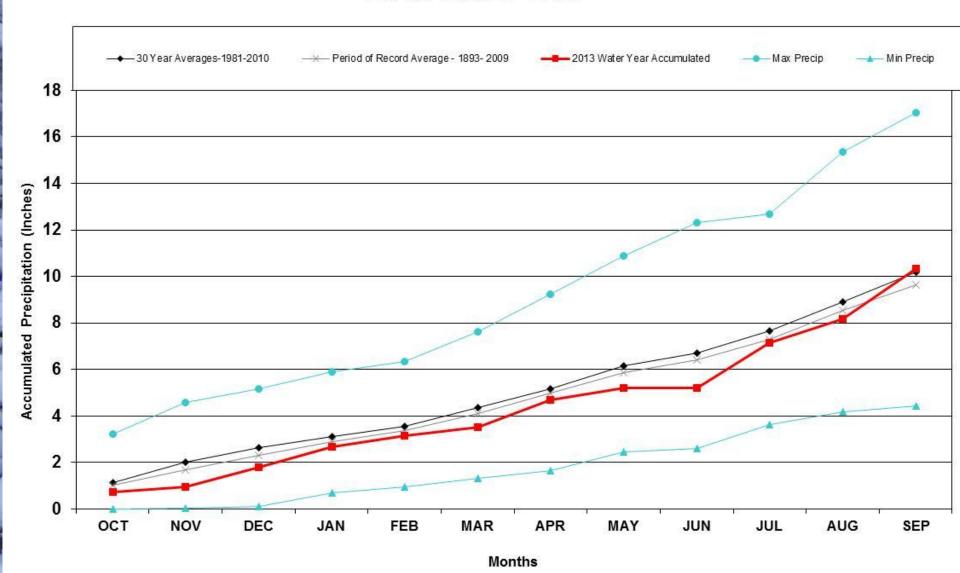
Division 2 – Grand Junction





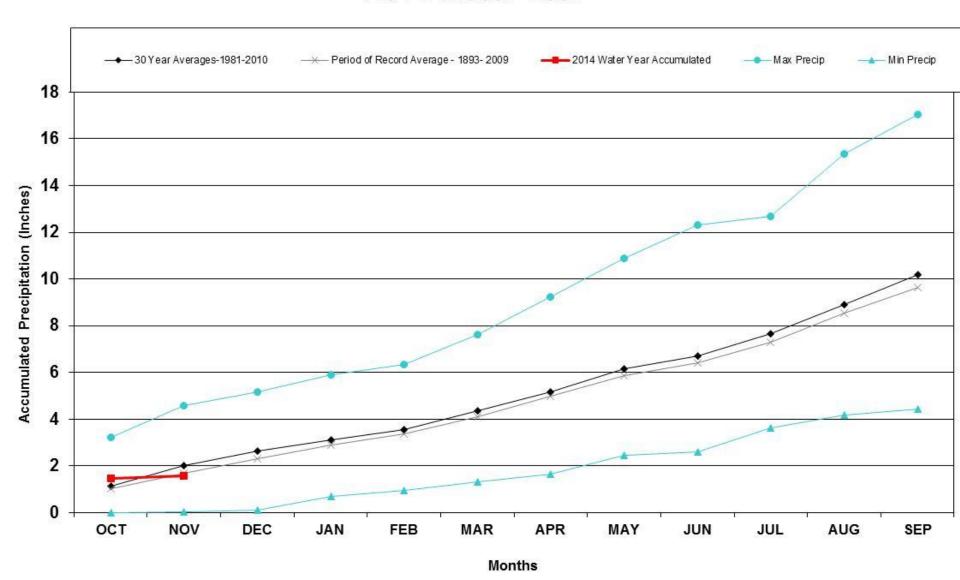
Division 3 – Montrose

Montrose #2 2013 Water Year

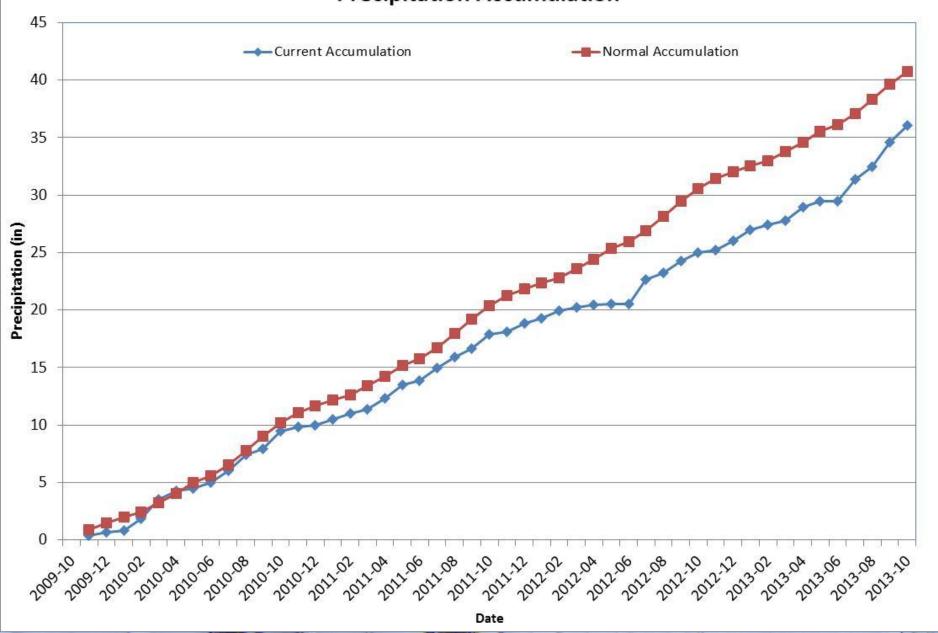


Division 3 – Montrose

Montrose #2 2014 Water Year

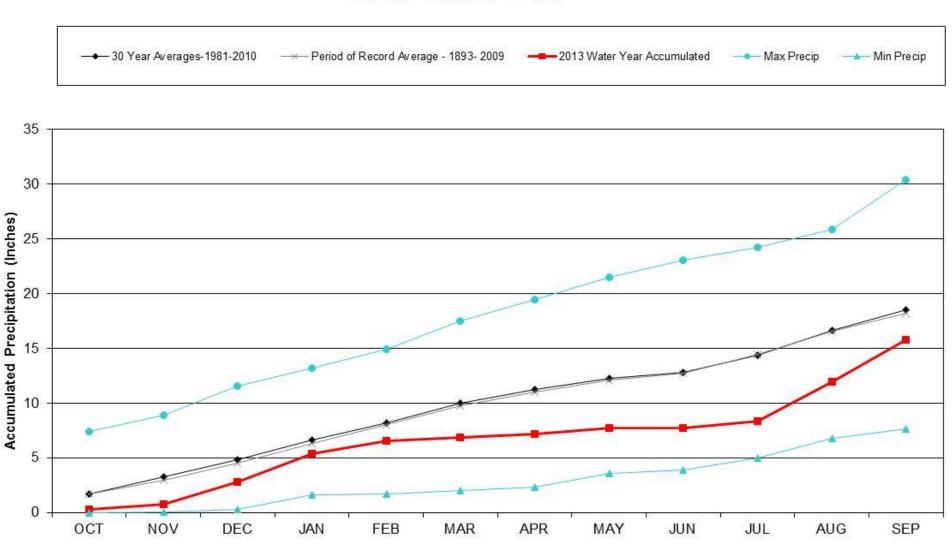


Montrose #2
Precipitation Accumulation



Division 3 – Mesa Verde NP

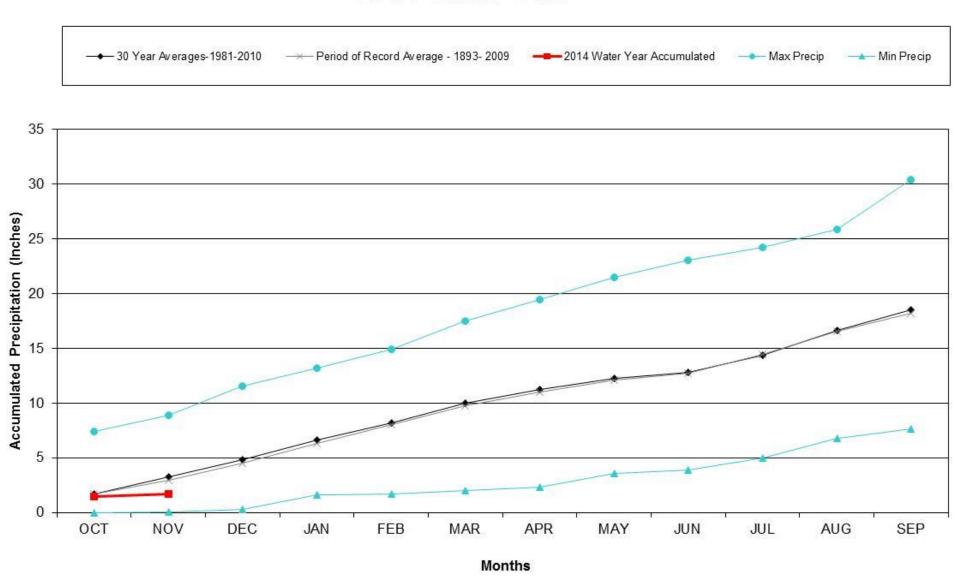
Mesa Verde NP 2013 Water Year



Months

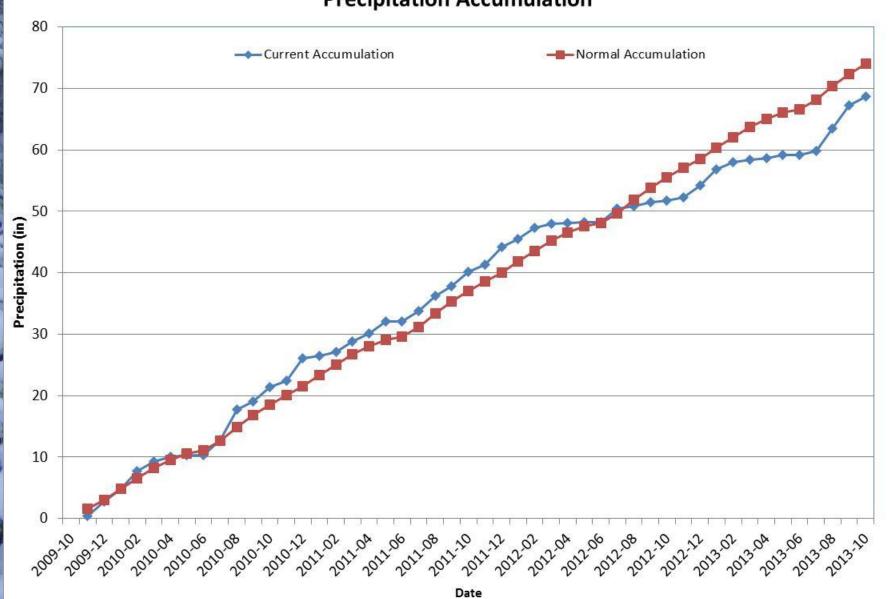
Division 3 – Mesa Verde NP

Mesa Verde NP 2014 Water Year



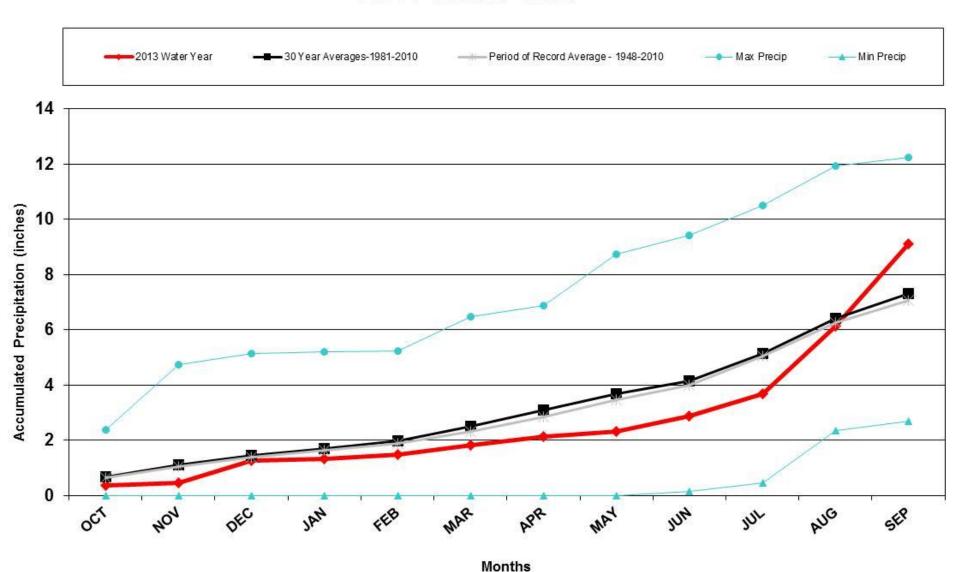
Division 3 – Mesa Verde NP





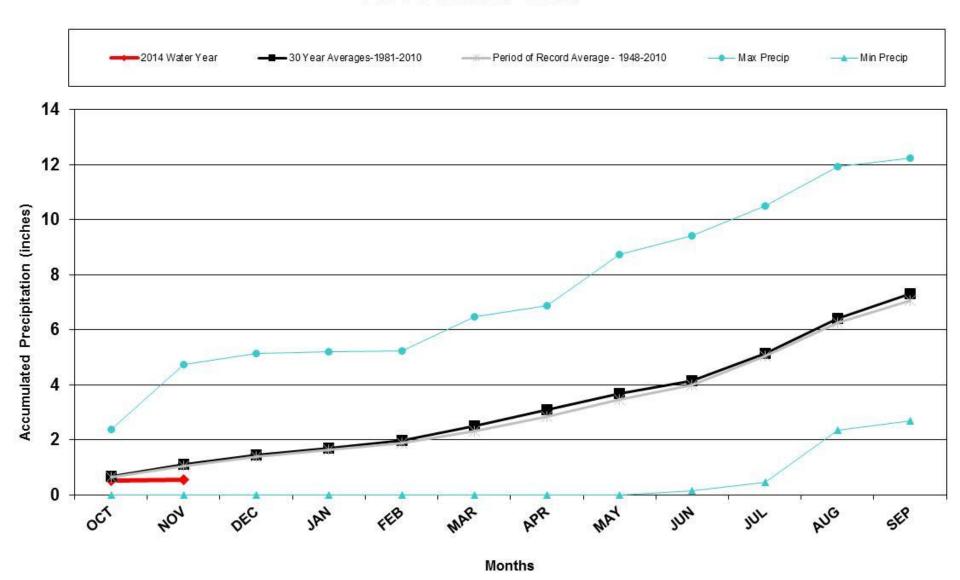
Division 4 – Alamosa

Alamosa WSO 2013 Water Year



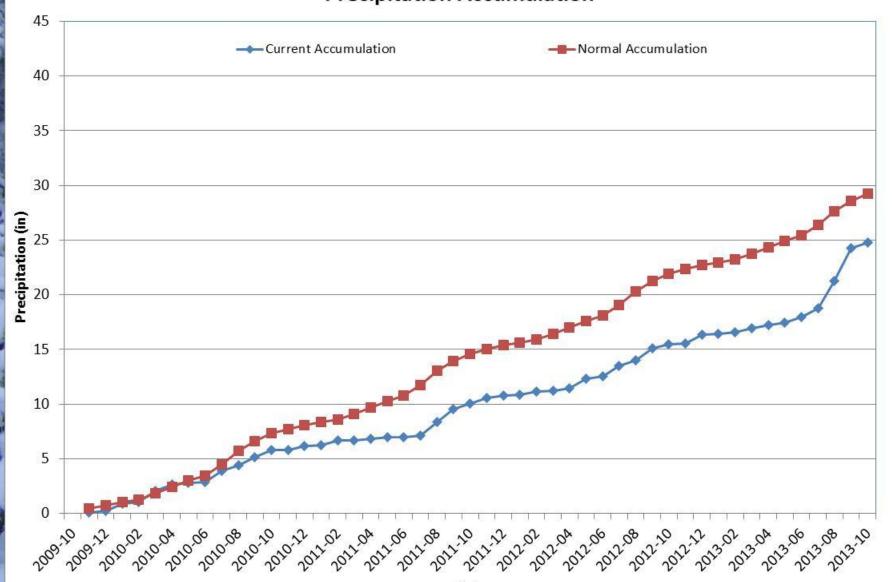
Division 4 – Alamosa

Alamosa WSO 2014 Water Year



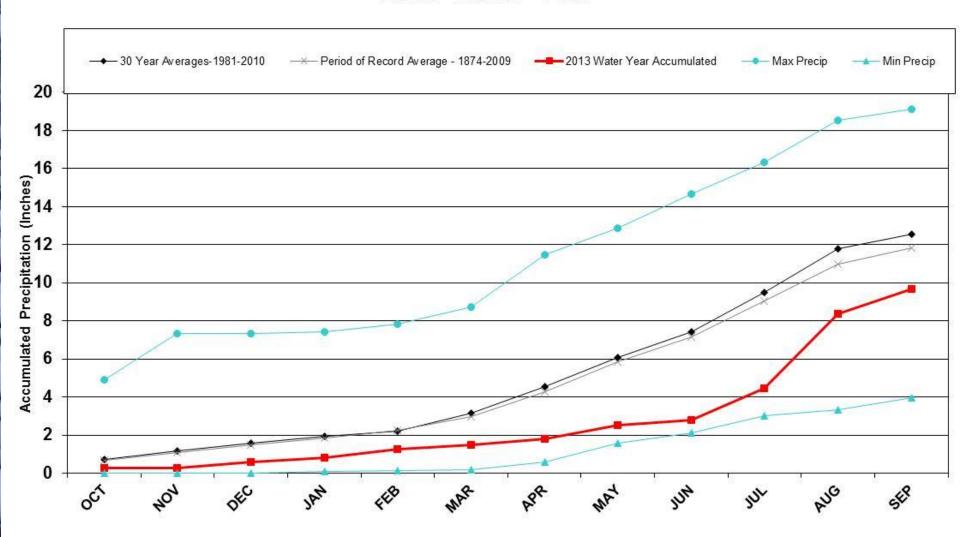
Division 4 – Alamosa

Alamosa WSO Precipitation Accumulation



Division 5 - Pueblo

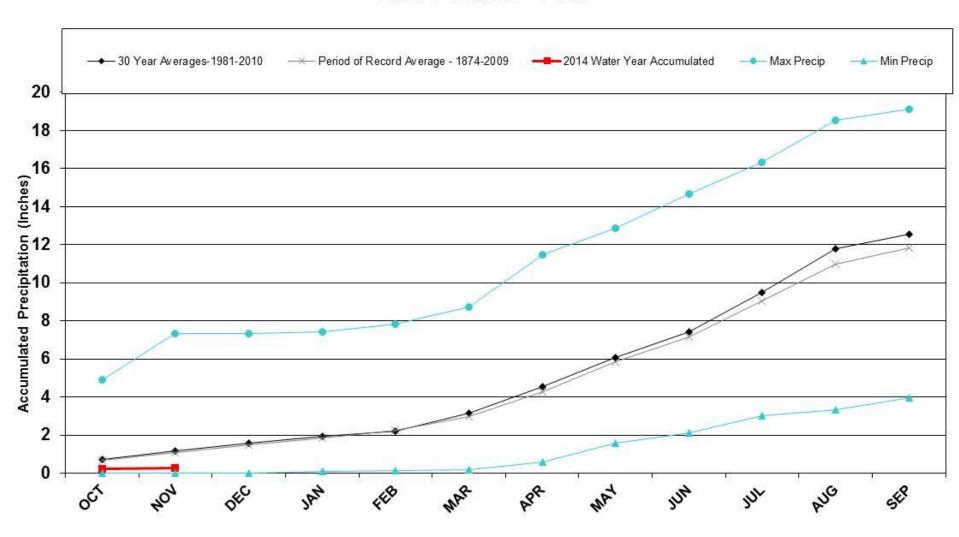
Pueblo WSO 2013 Water Year



Months

Division 5 - Pueblo

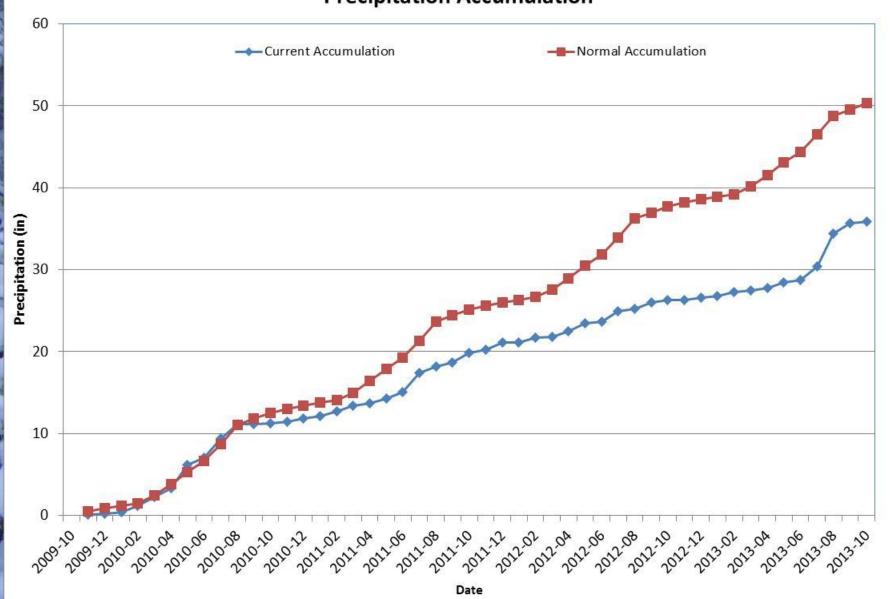
Pueblo WSO 2014 Water Year



Months

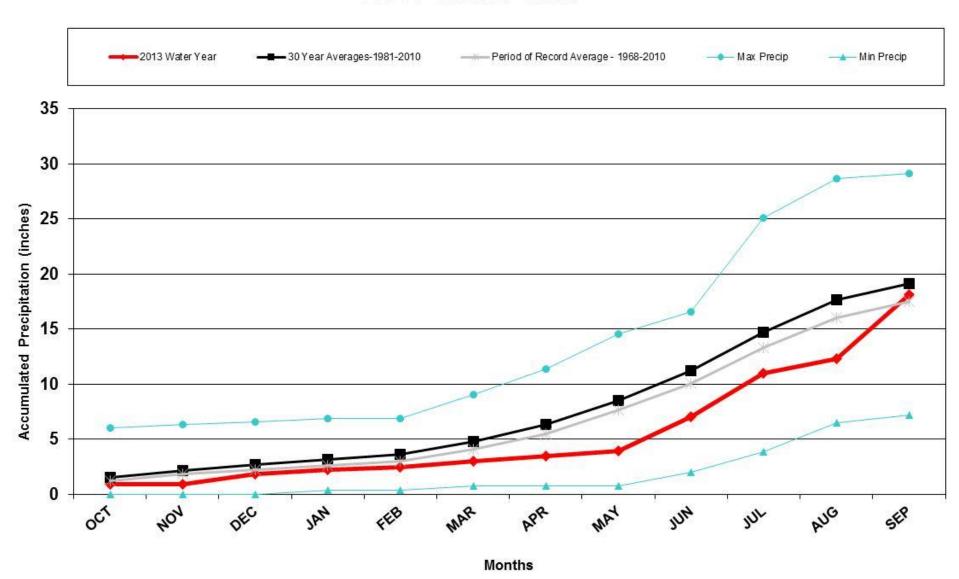
Division 5 – Pueblo





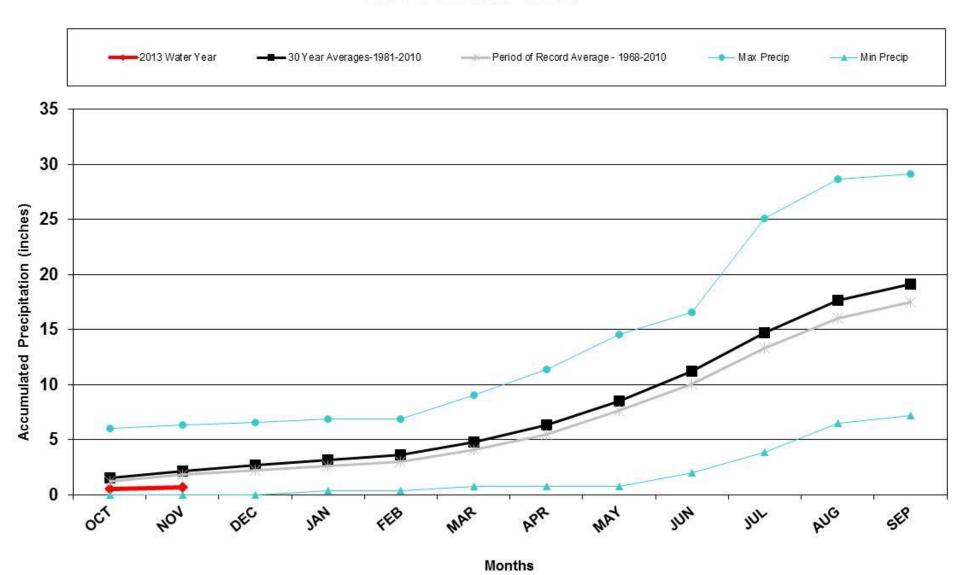
Division 6 - Walsh

Walsh 2013 Water Year

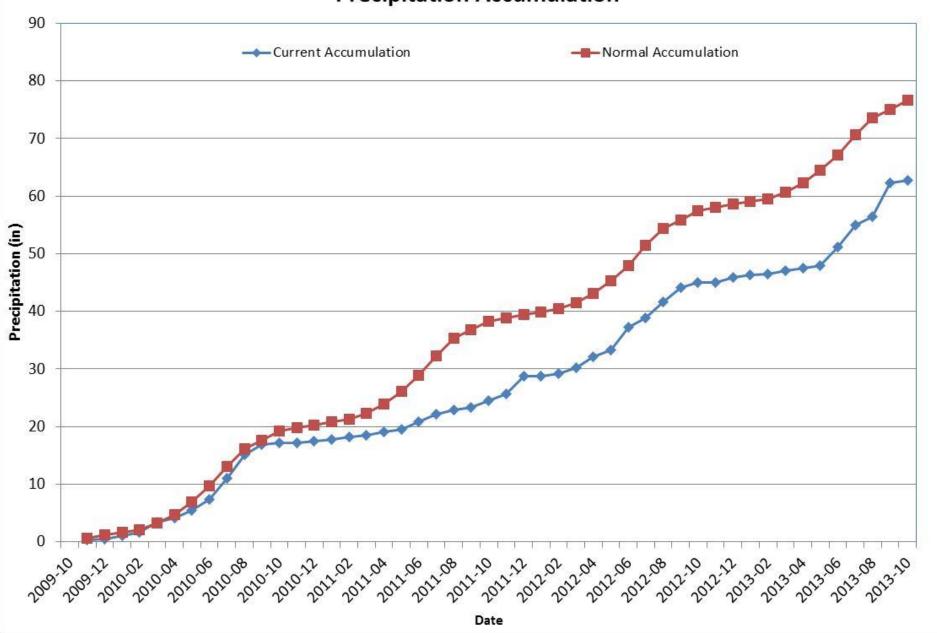


Division 6 - Walsh

Walsh 2014 Water Year



Walsh 1W Precipitation Accumulation



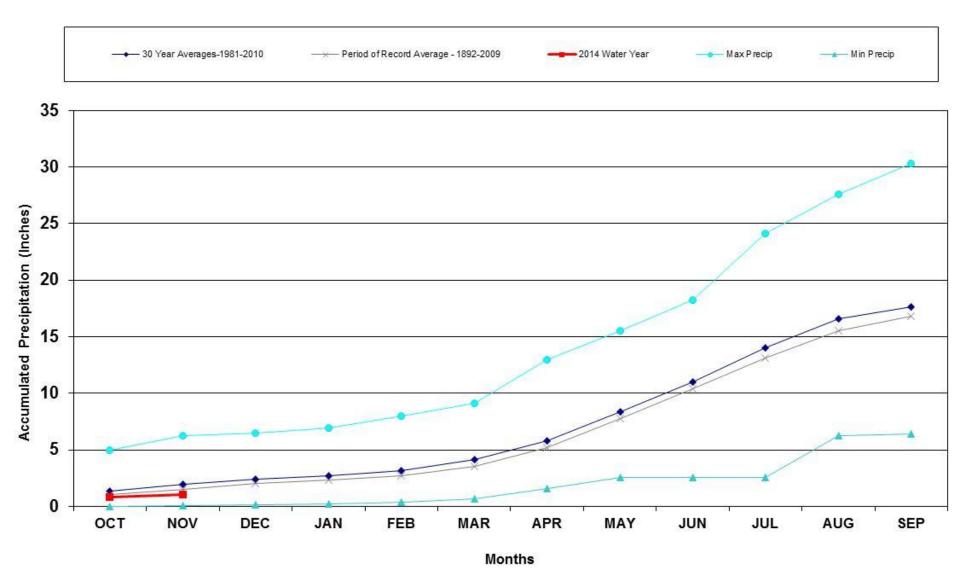
Division 6 - Burlington

Burlington 2013 Water Year

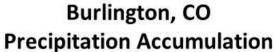


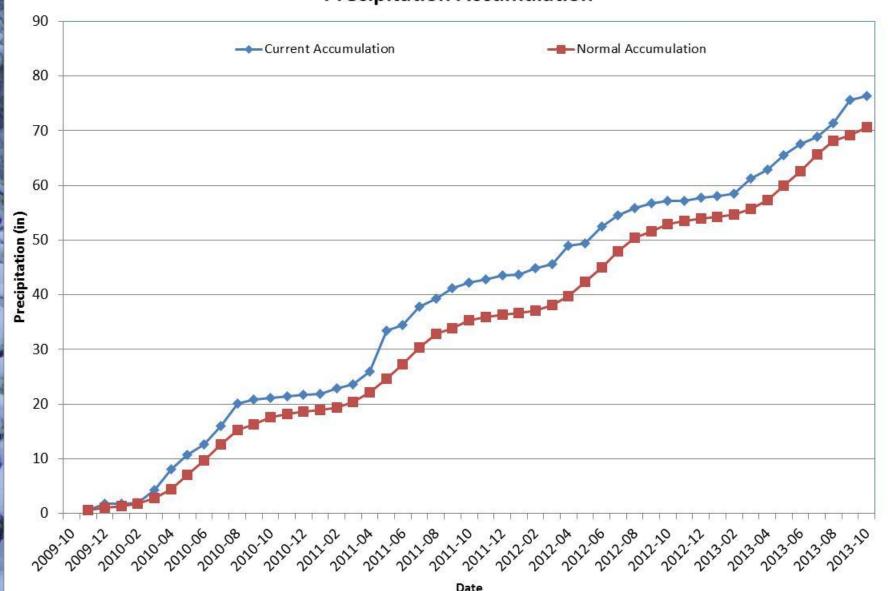
Division 6 - Burlington

Burlington 2014 Water Year



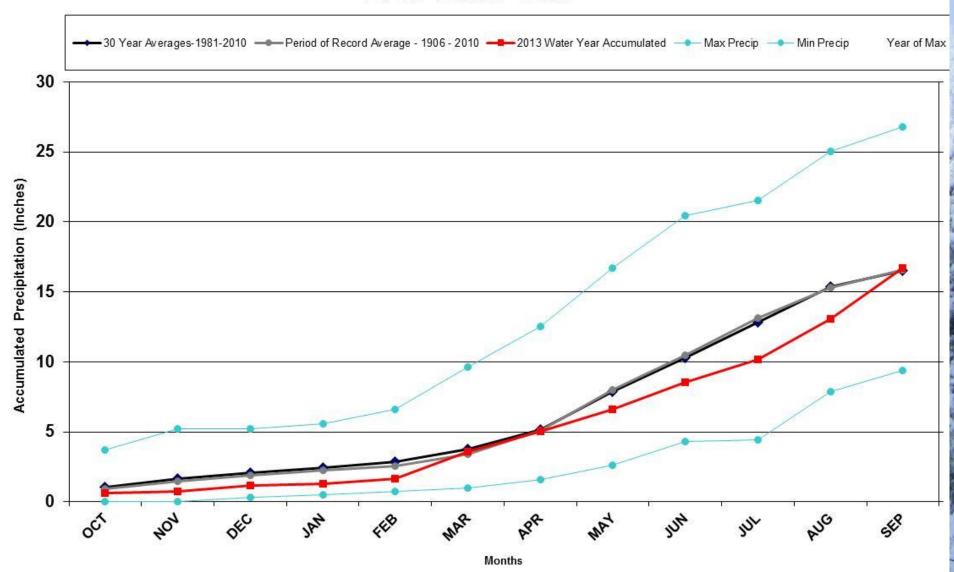
Division 6 - Burlington





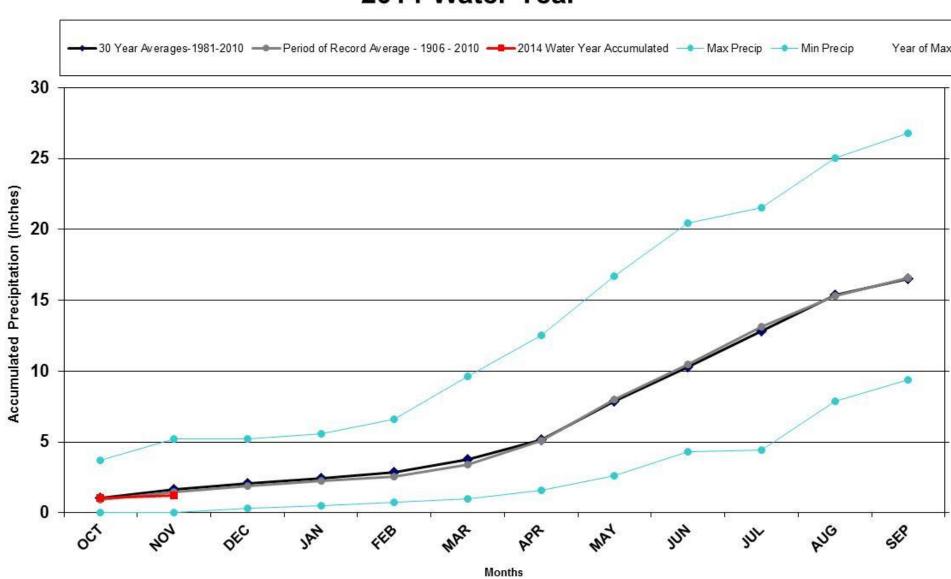
Division 7 – Akron

Akron 4E 2013 Water Year

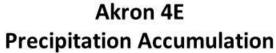


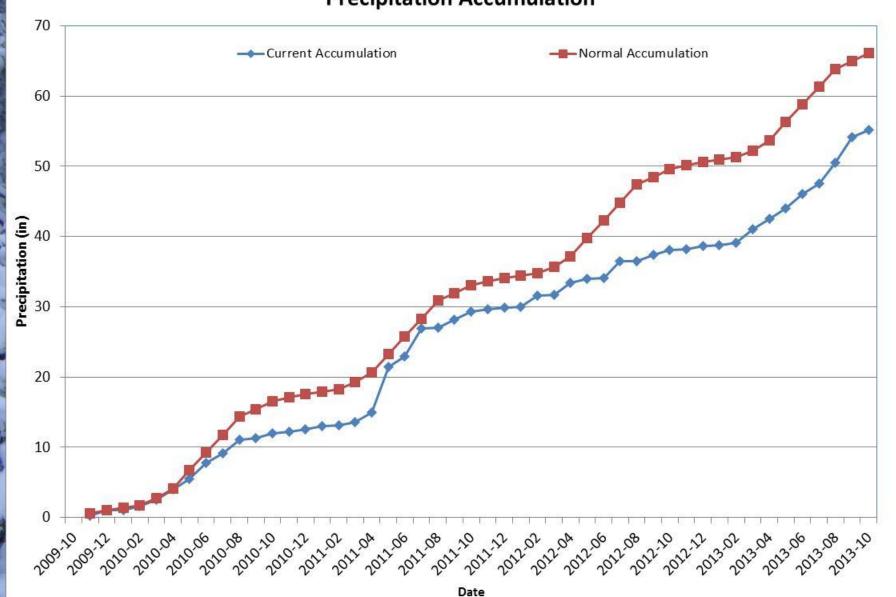
Division 7 – Akron

Akron 4E 2014 Water Year



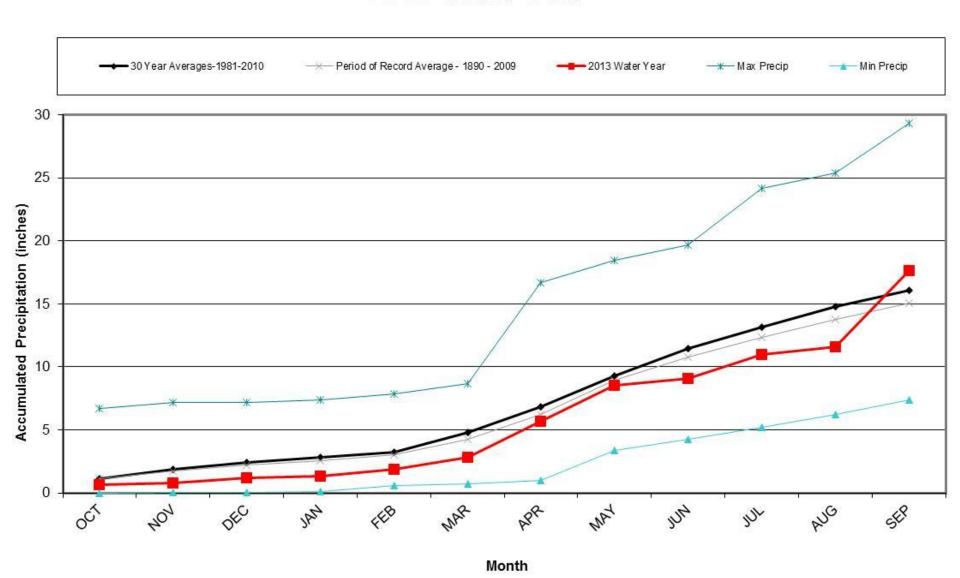
Division 7 — Akron





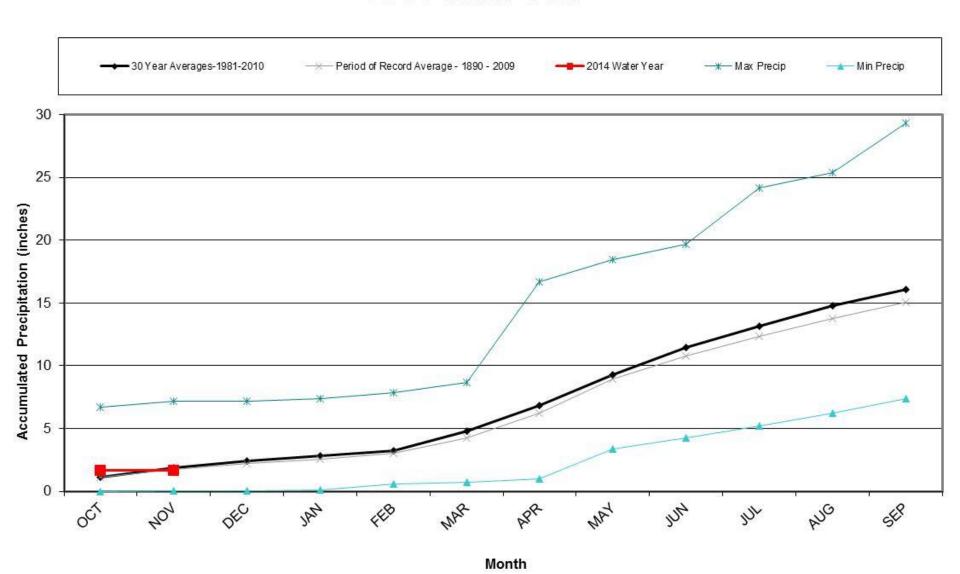
Division 8 – Fort Collins

Fort Collins 2013 Water Year



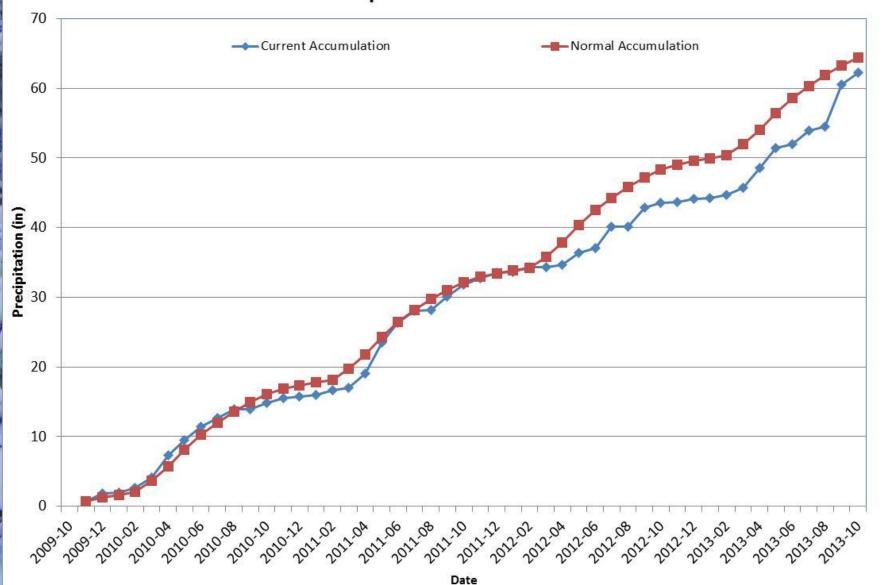
Division 8 – Fort Collins

Fort Collins 2014 Water Year



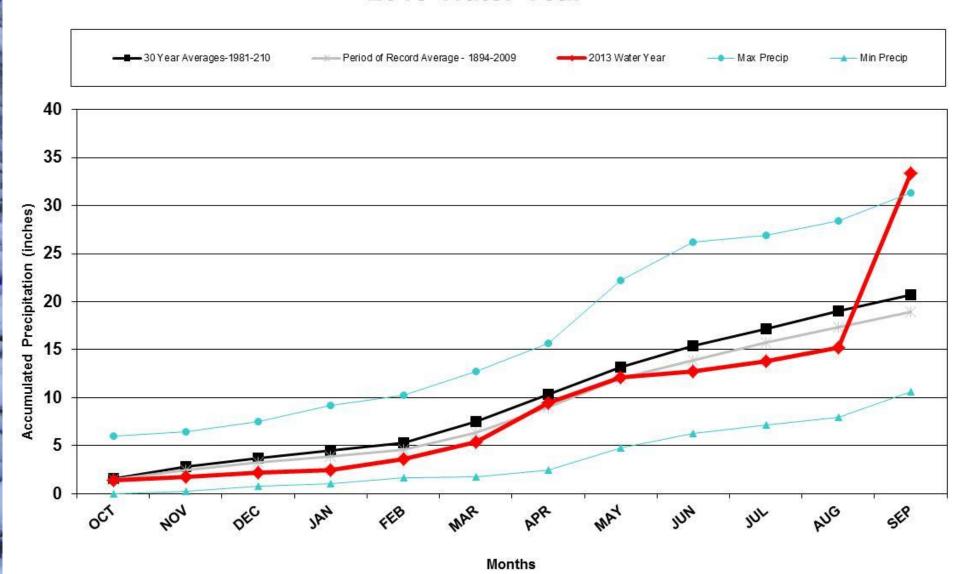
Division 8 – Fort Collins





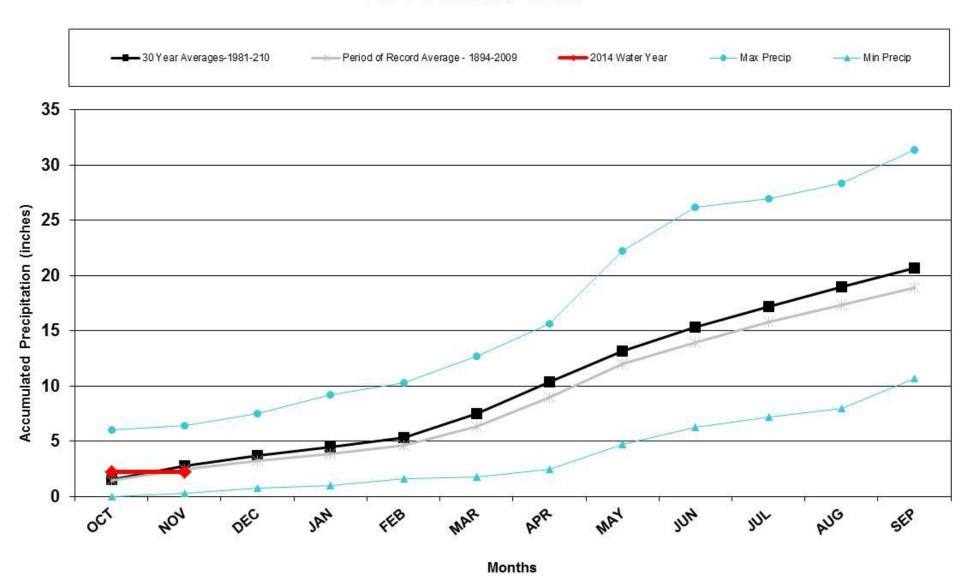
Division 8 - Boulder

Boulder 2013 Water Year



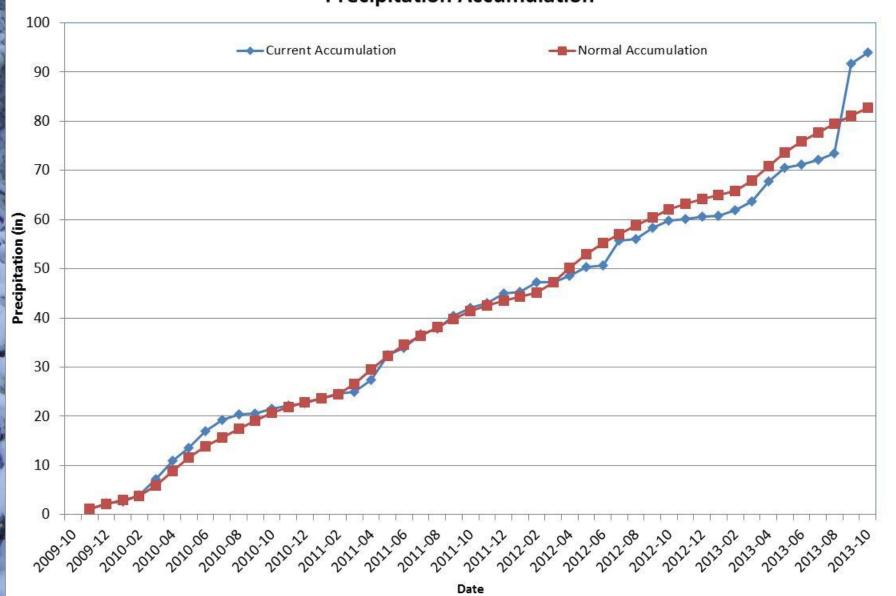
Division 8 - Boulder

Boulder 2014 Water Year



Division 8 - Boulder

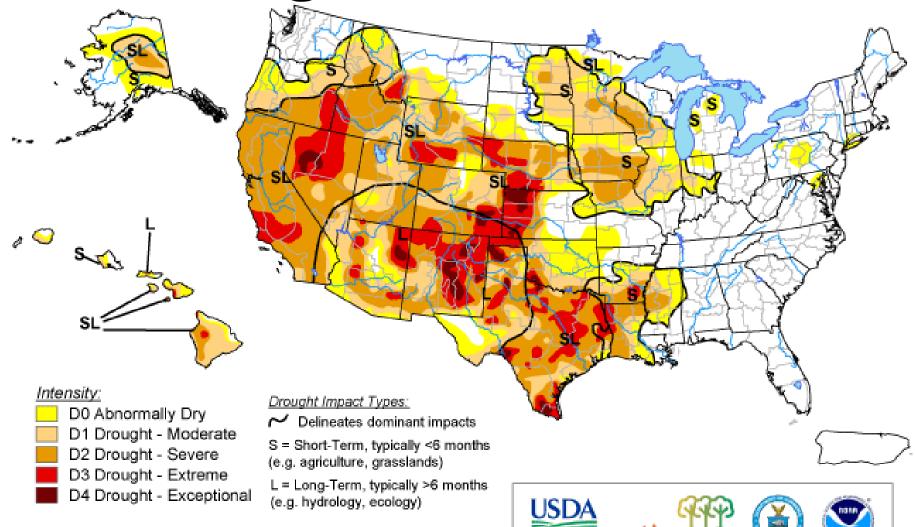




U.S. Drought Monitor

September 10, 2013

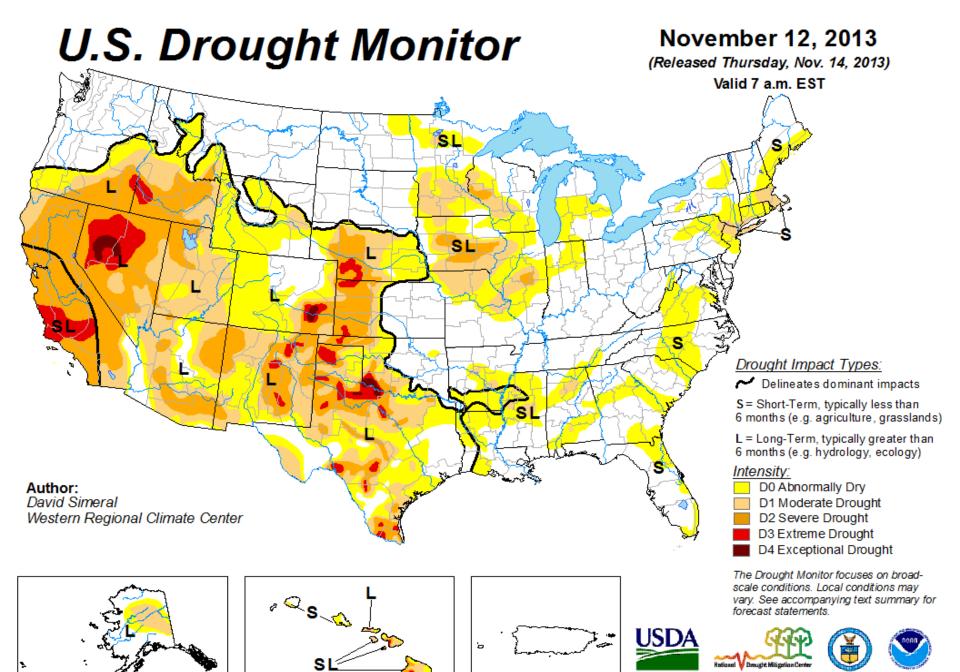
Valid 7 a.m. EDT

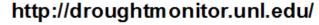


The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

http://droughtmonitor.unl.edu/

Released Thursday, September 12, 2013
Author: Anthony Artusa, NOAA/NWS/NCEP/CPC





U.S. Drought Monitor Colorado

November 12, 2013

(Released Thursday, Nov. 14, 2013)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

		None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Cı	urrent	26.04	73.96	21.01	12.01	4.01	1.47
	st Week /5/2013	26.04	73.96	21.04	12.01	4.01	1.47
	nth s A go 13/2013	1.53	98.47	93.82	68.72	26.33	3.04
Calen	art of Idar Year 17/2013	0.00	100.00	100.00	95.06	53.47	13.48
Wat	tart of ter Year /1/2013	24.91	75.09	37.88	12.01	4.01	1.47
	Year Ago 13/2012	0.00	100.00	100.00	91.52	48.56	12.50

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:

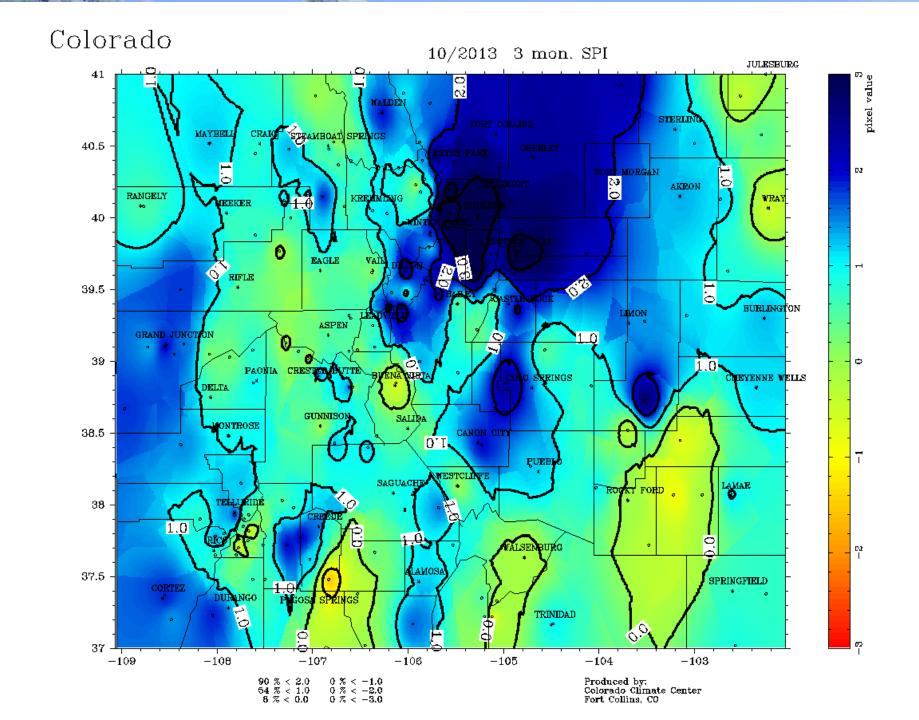
David Simeral Western Regional Climate Center



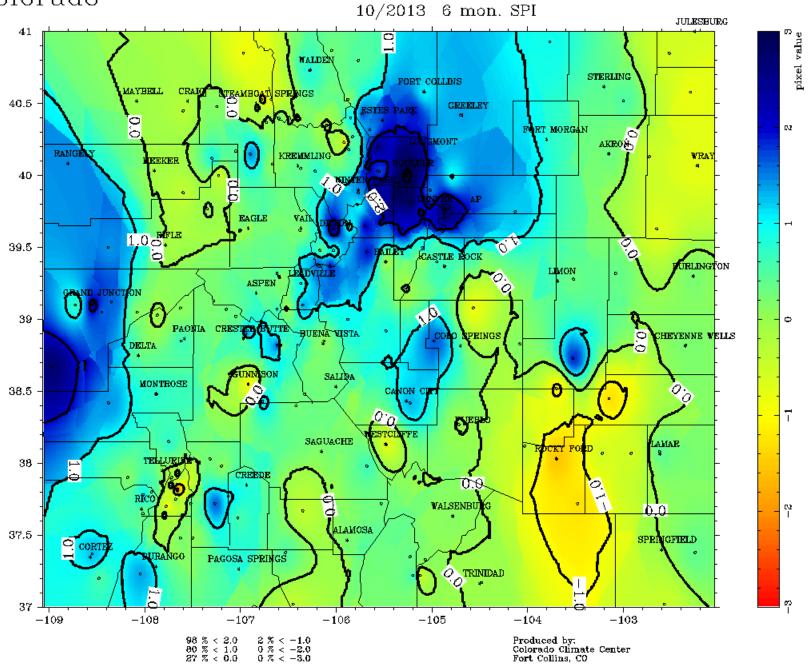




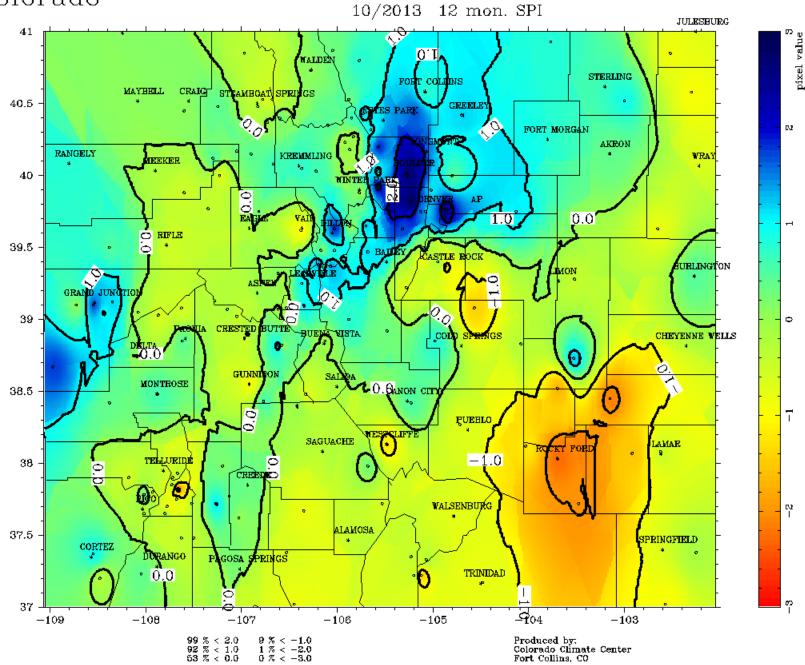




Colorado



Colorado



Modified Palmer Drought Severity Index for Colorado October 2013

