

Climate Update

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State Climatologist**

**Atmospheric Science Department
Colorado State University**

**Presented to Water
Availability Task Force
April 15, 2008
Denver, CO**

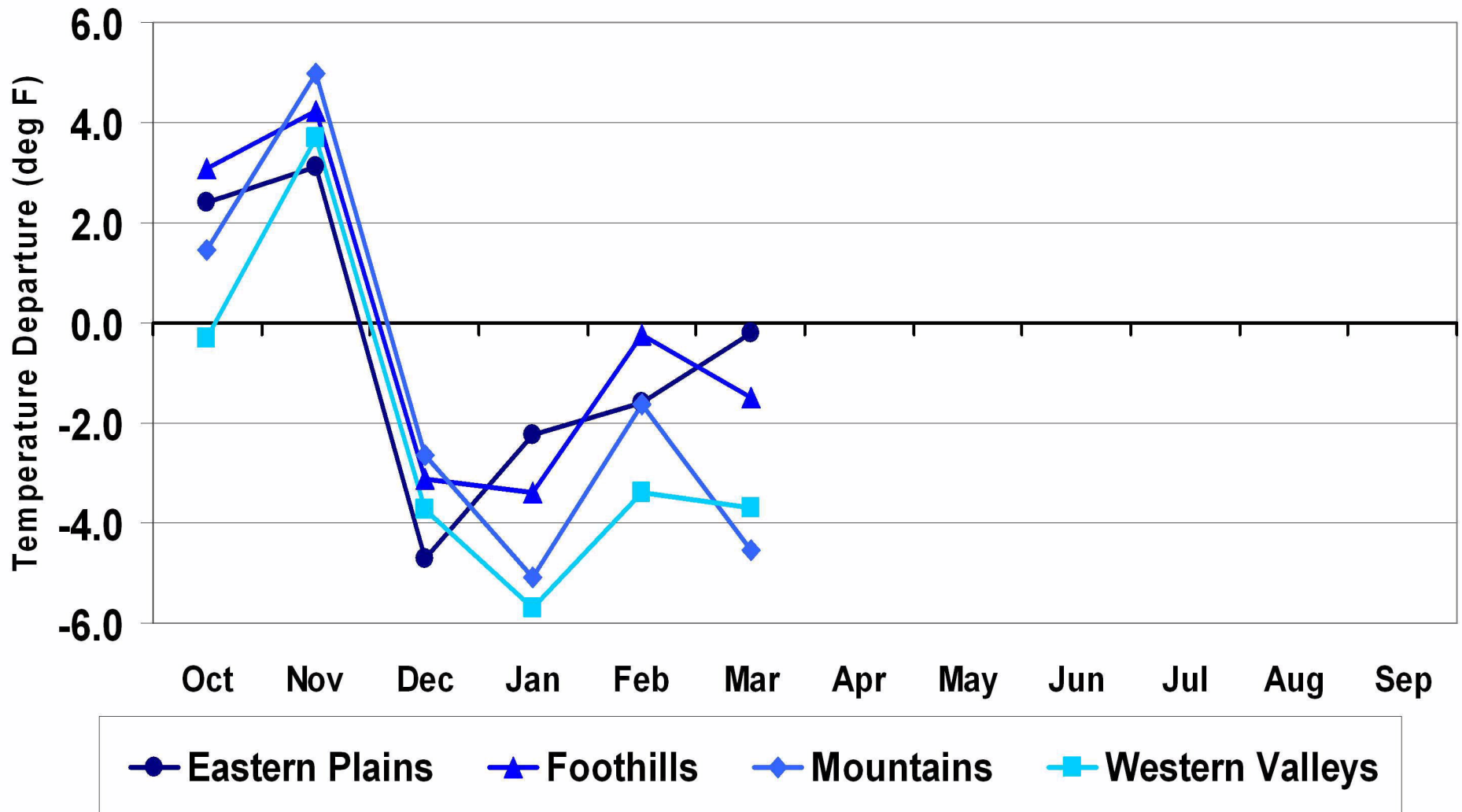


**Colorado
State
University**
Knowledge to Go Places

Prepared by Odie Bliss

Water Year 2008 Temperature Departures

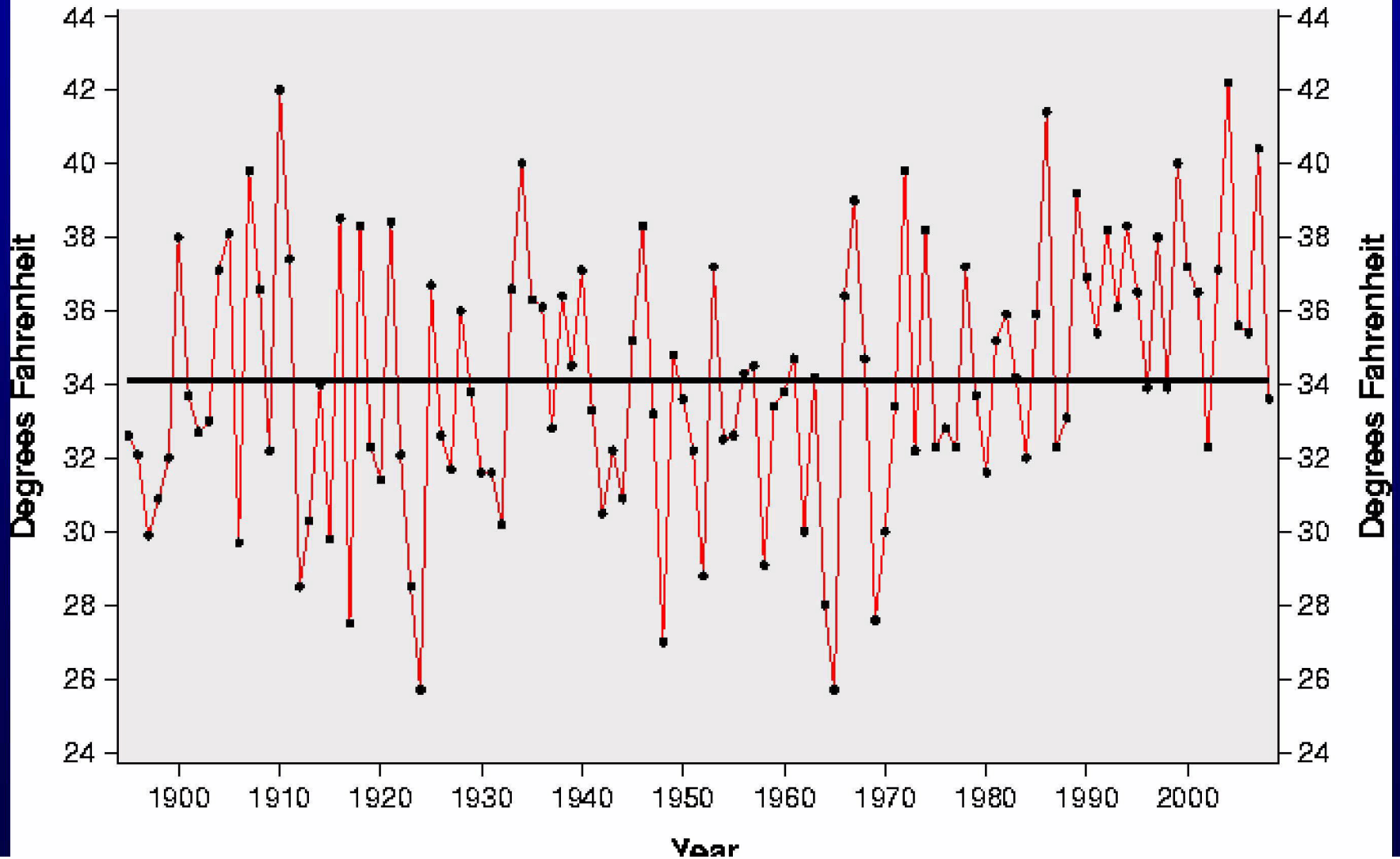
Water Year 2008



March Average Temperature History for Colorado (NCDC)

— Actual Temperature
— Average Temperature

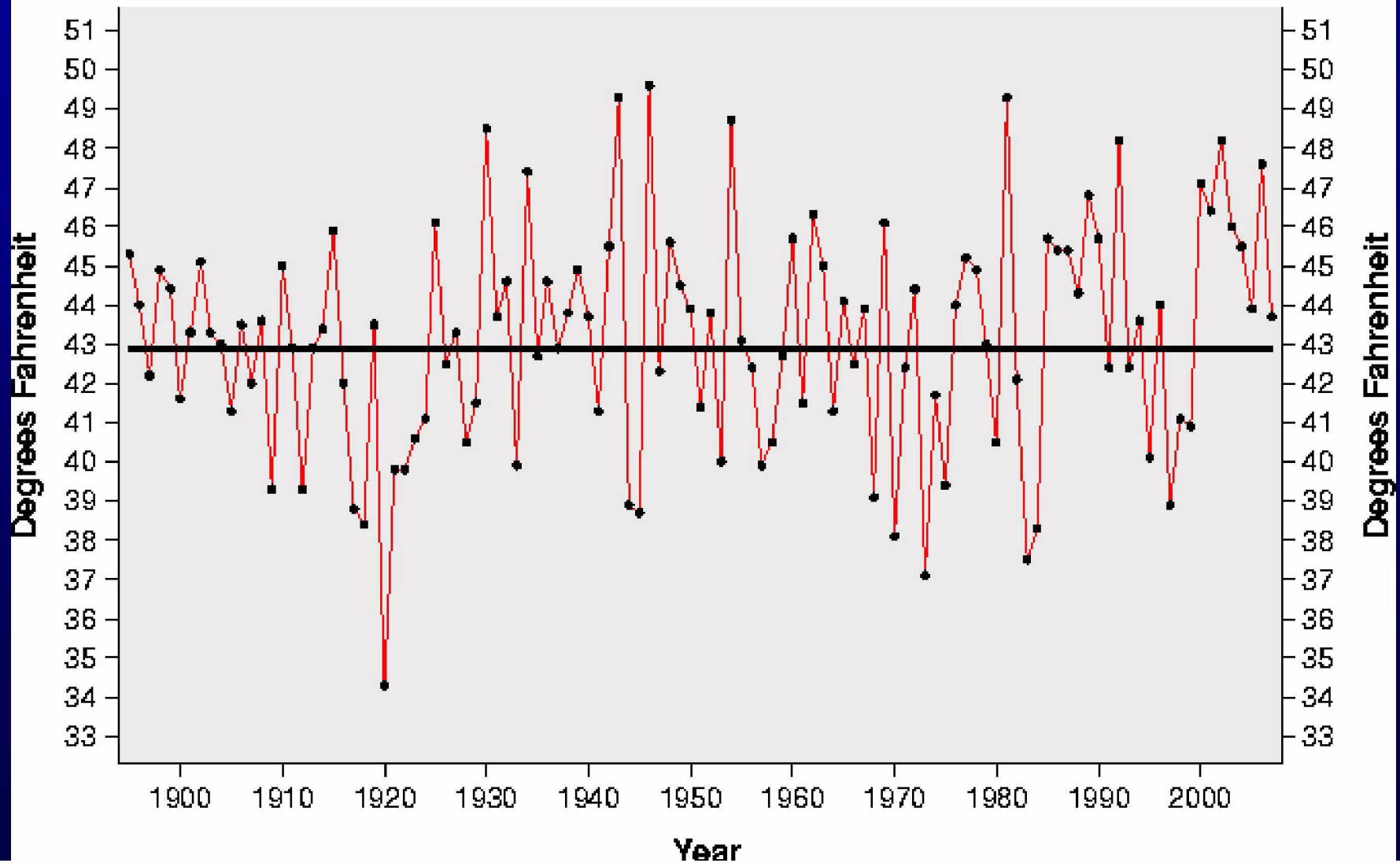
March 2008: 33.6 deg Rank: 52
Period of record 1895-2008



April Average Temperature History for Colorado (NCDC)

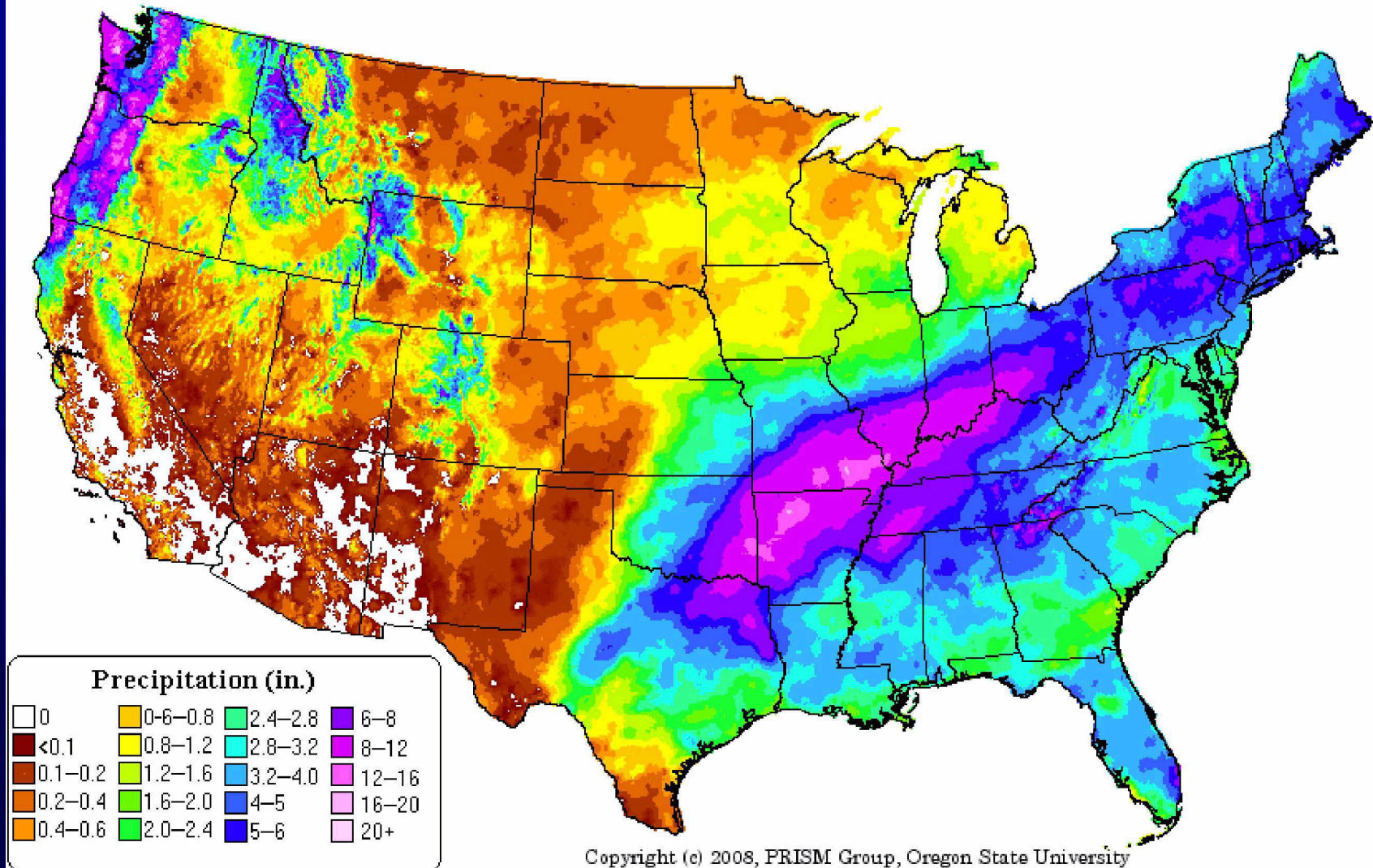
Actual Temperature
Average Temperature

April 2007: 43.7 deg Rank: 65
Period of record 1895-2008

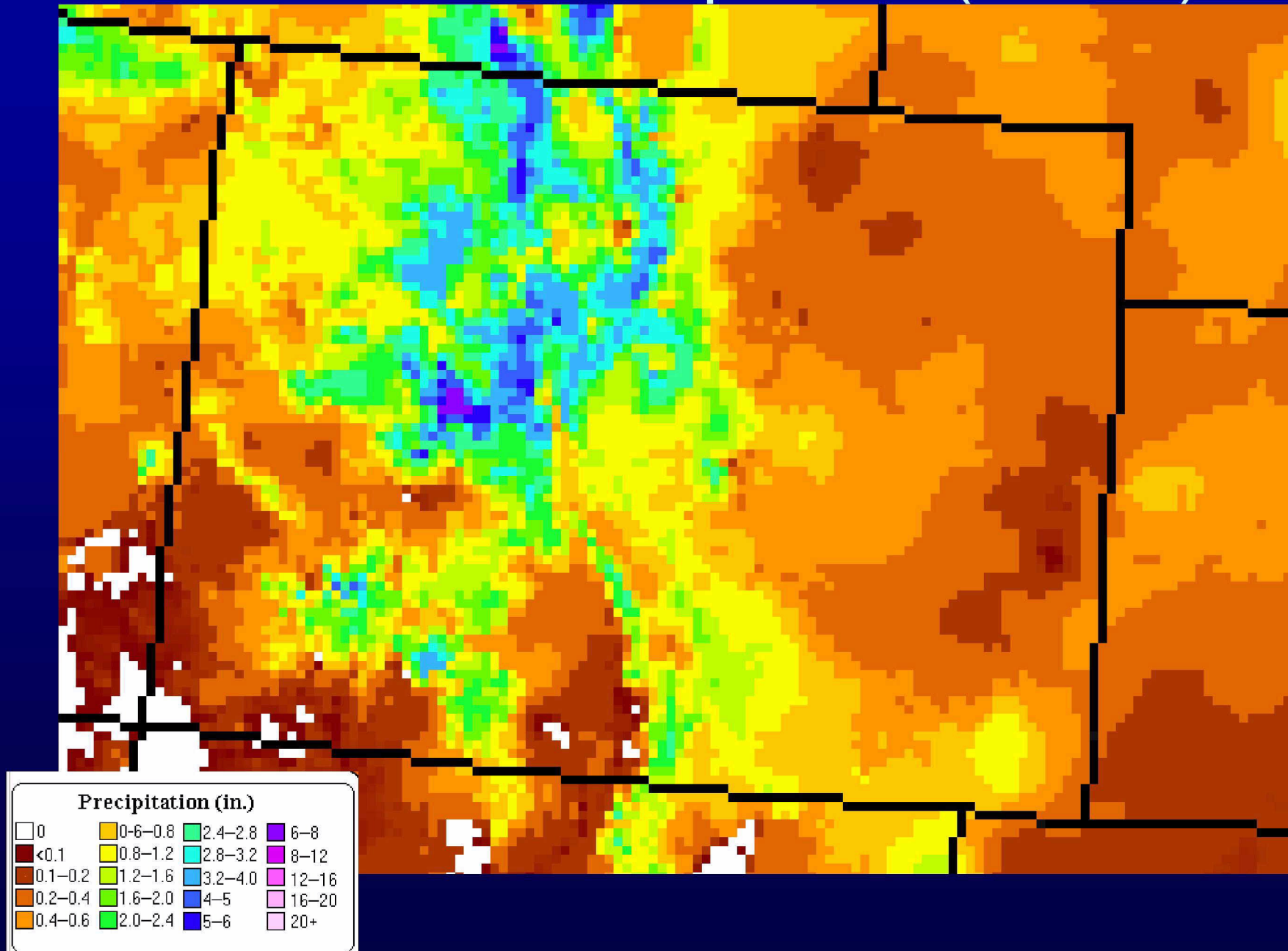


March 2008 Precipitation (inches)

Precipitation: Mar 2008
Provisional Data

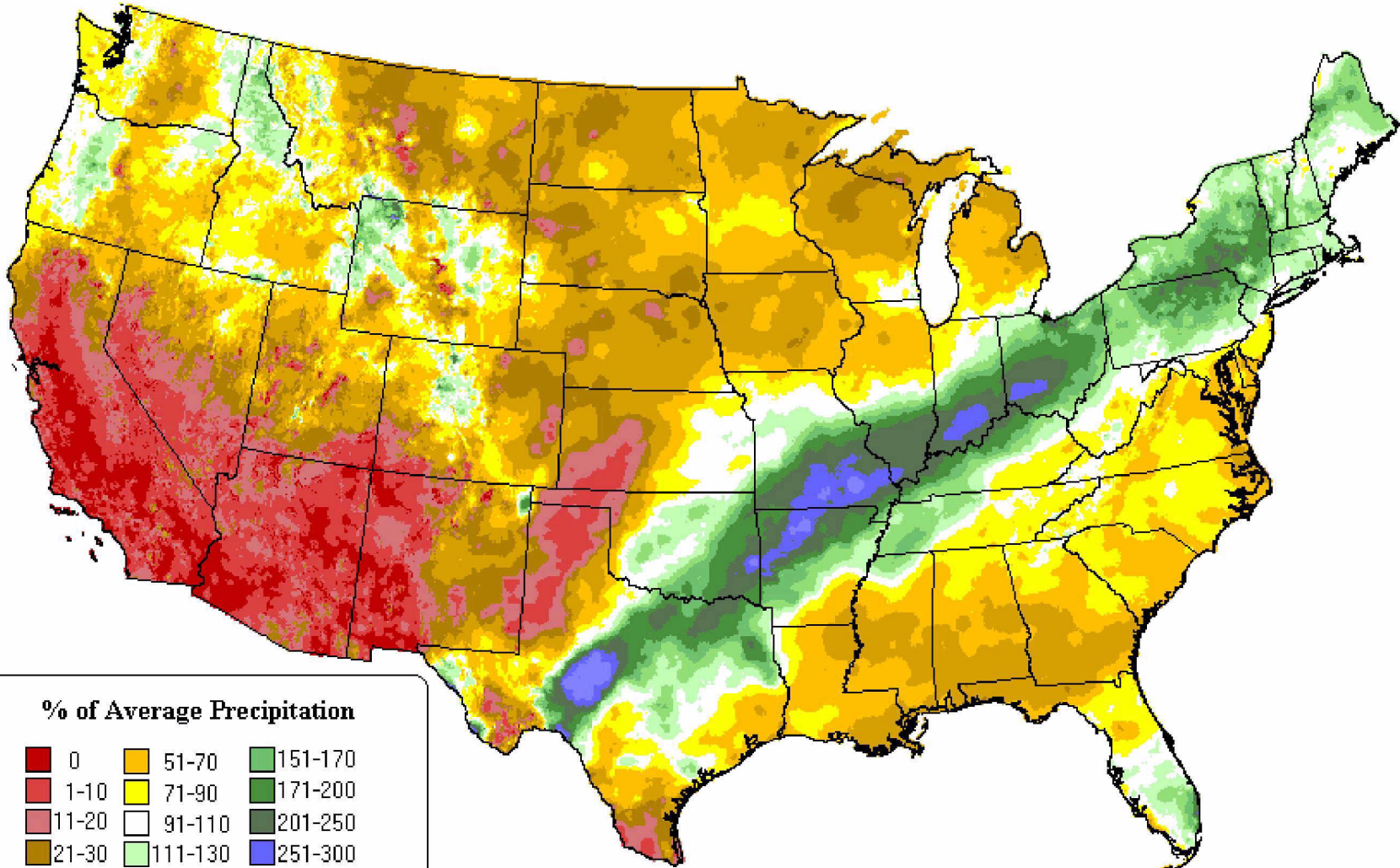


March 2008 Precipitation (inches)



March 2008 Percent of Average (Prism)

1-month Percent of Average Precipitation: Mar 2008
Provisional Data

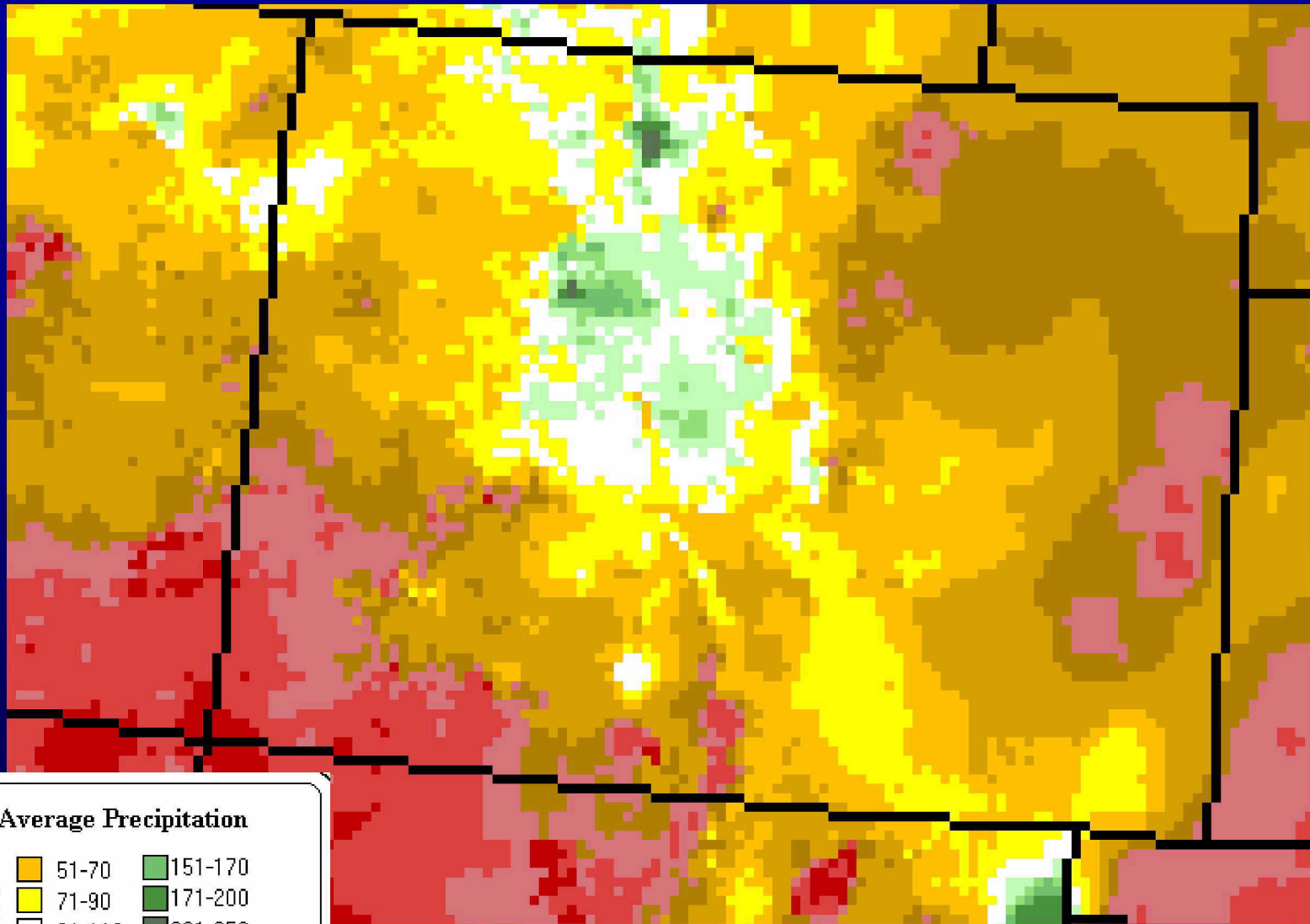


% of Average Precipitation

0	51-70	151-170
1-10	71-90	171-200
11-20	91-110	201-250
21-30	111-130	251-300
31-50	131-150	301+

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<http://www.prismclimate.org> - Map created Apr 11 2008

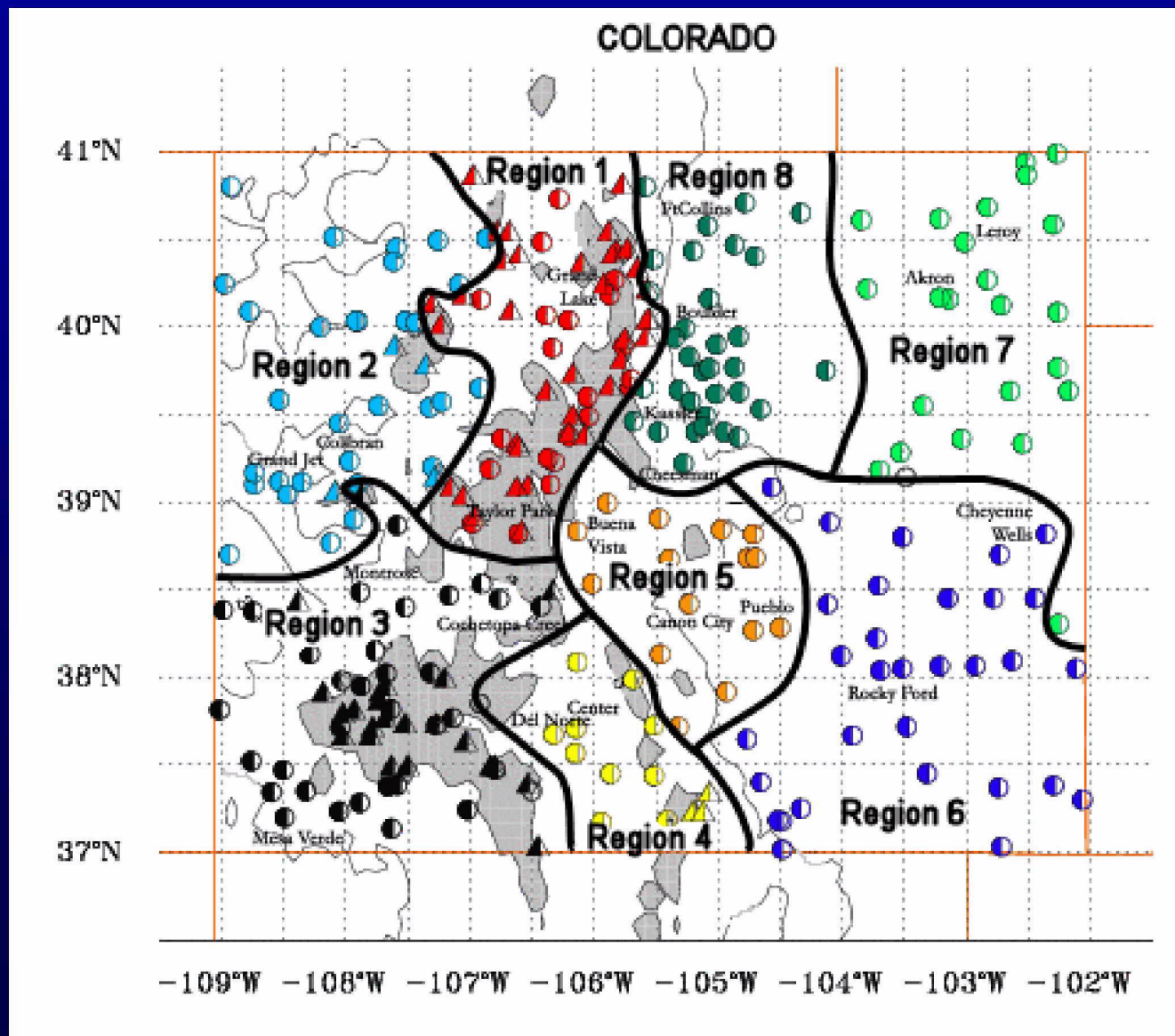
March 2008 Percent of Average (Prism)



% of Average Precipitation

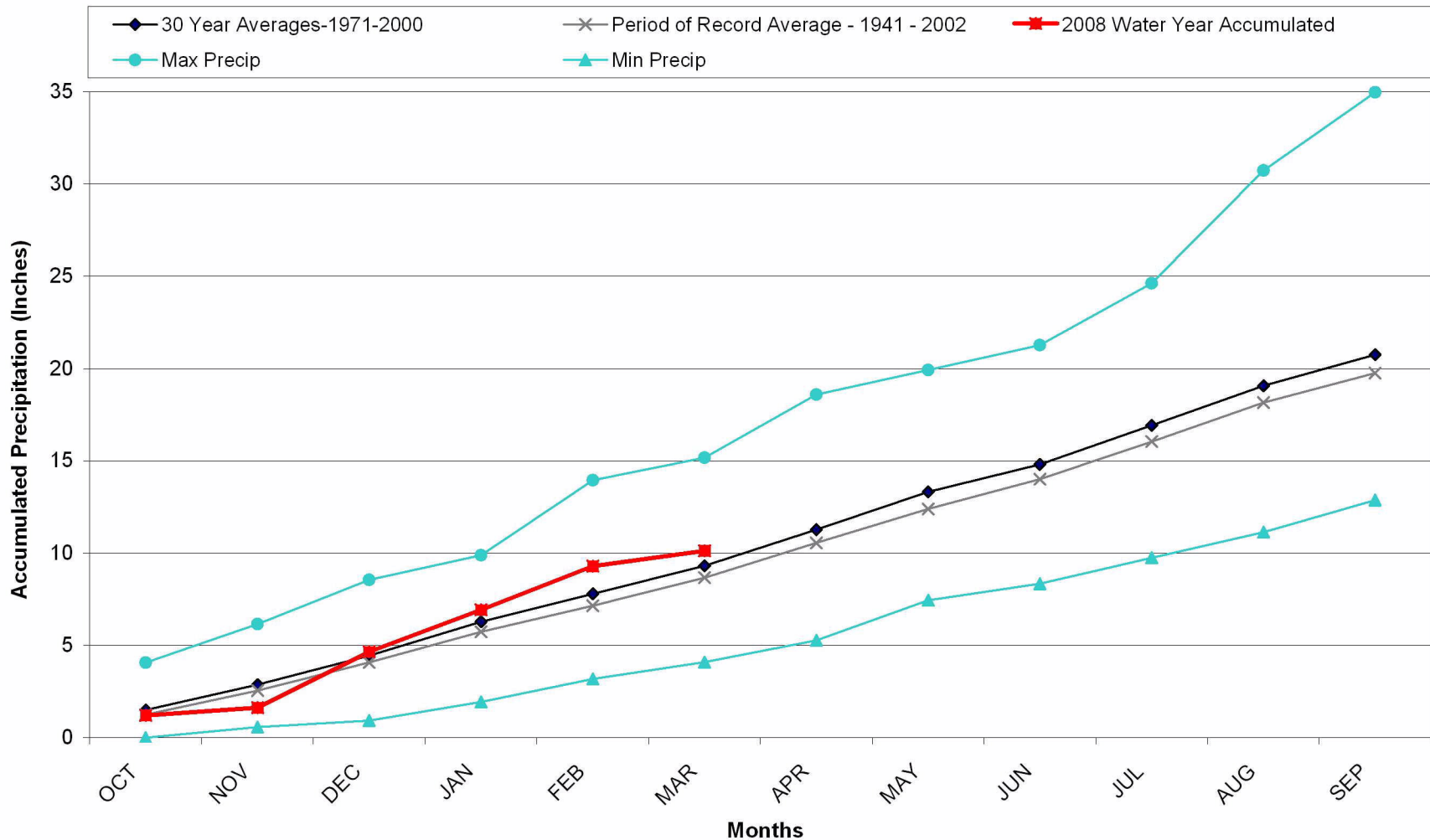
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Climate divisions defined by Dr. Klaus Wolter of NOAA's Climate Diagnostic Center in Boulder, CO



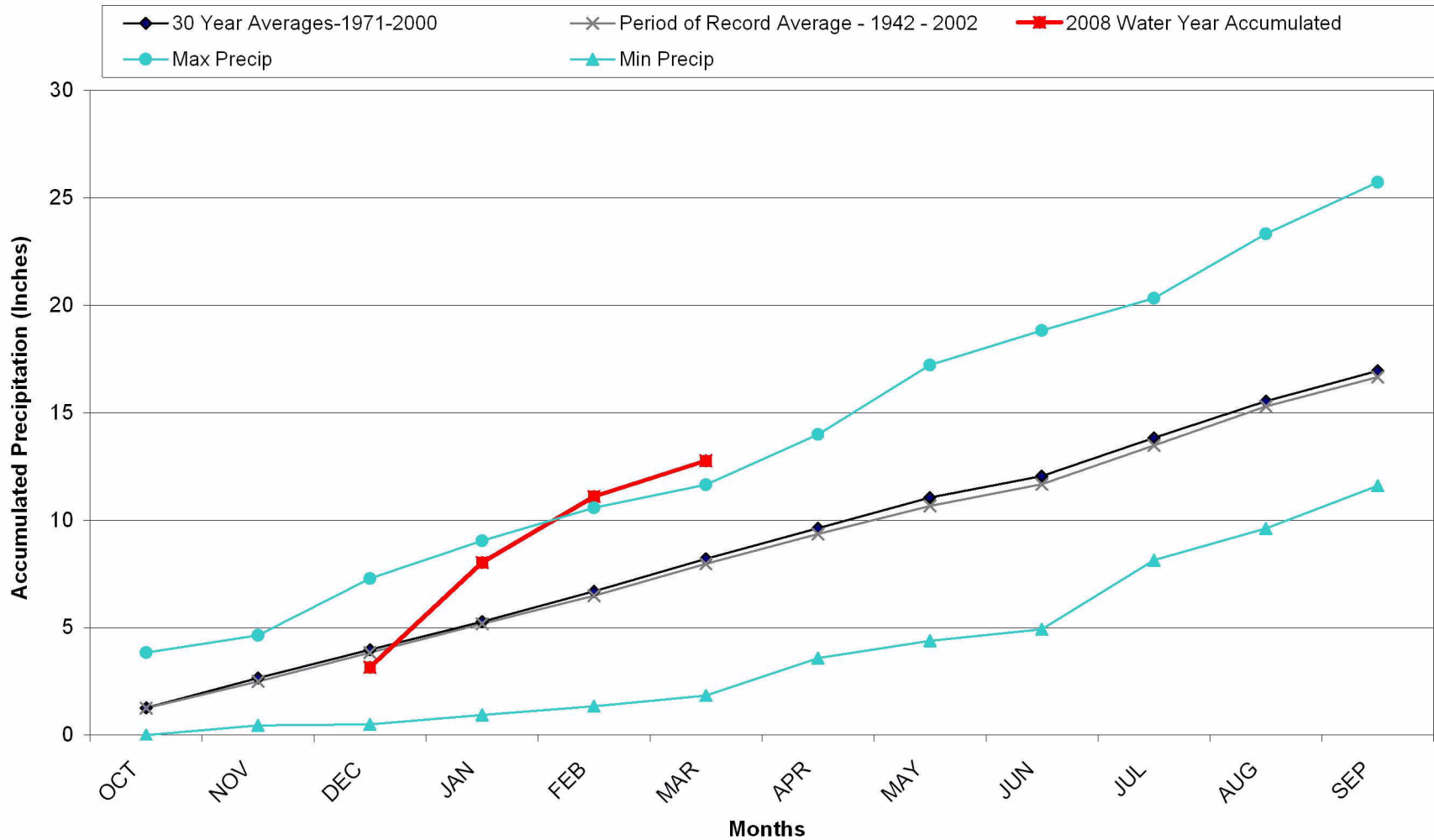
Division 1– Grand Lake 1NW

Grand Lake 1 NW 2008 Water Year



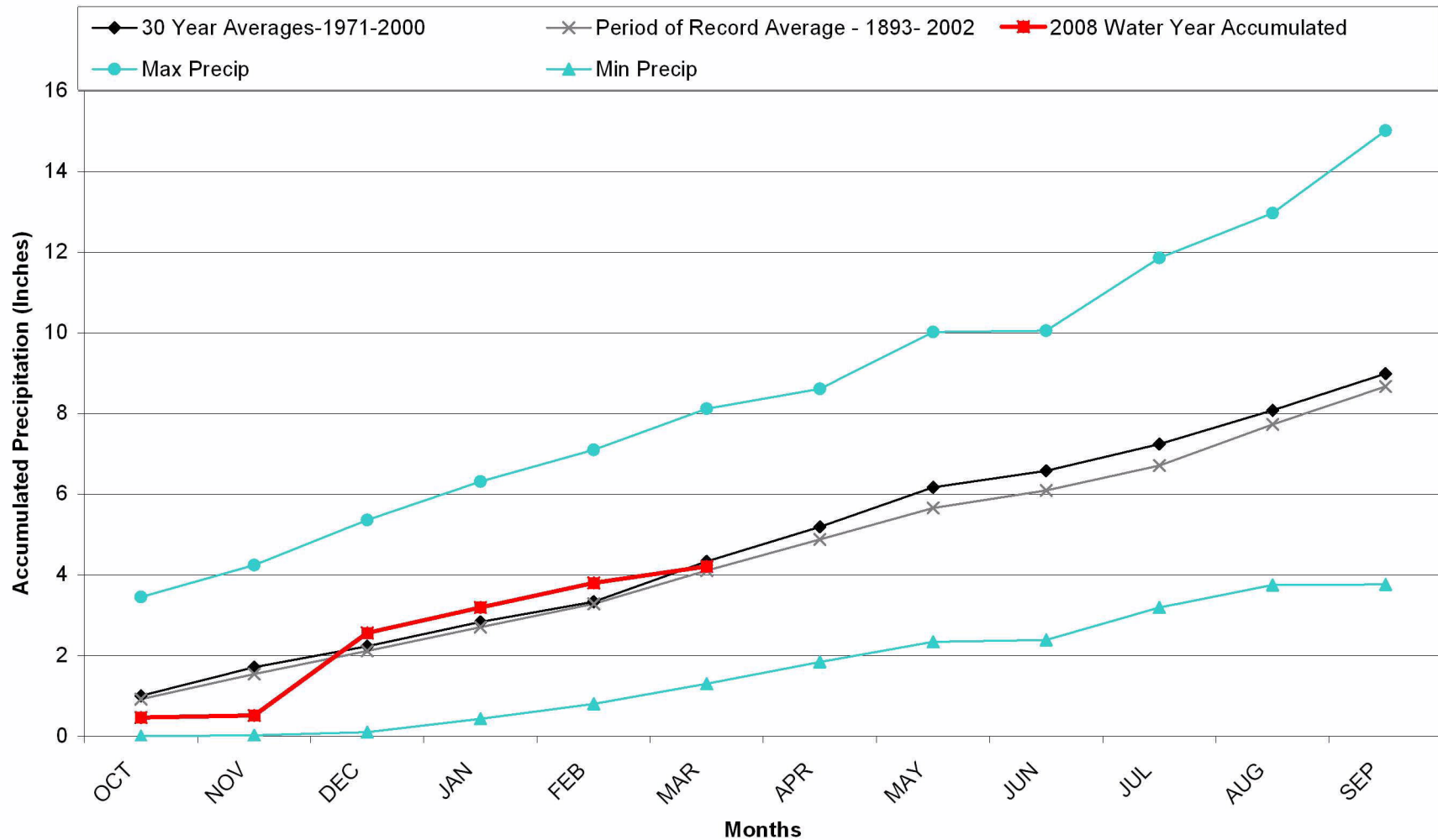
Division 1 – Taylor Park

Taylor Park 2008 Water Year



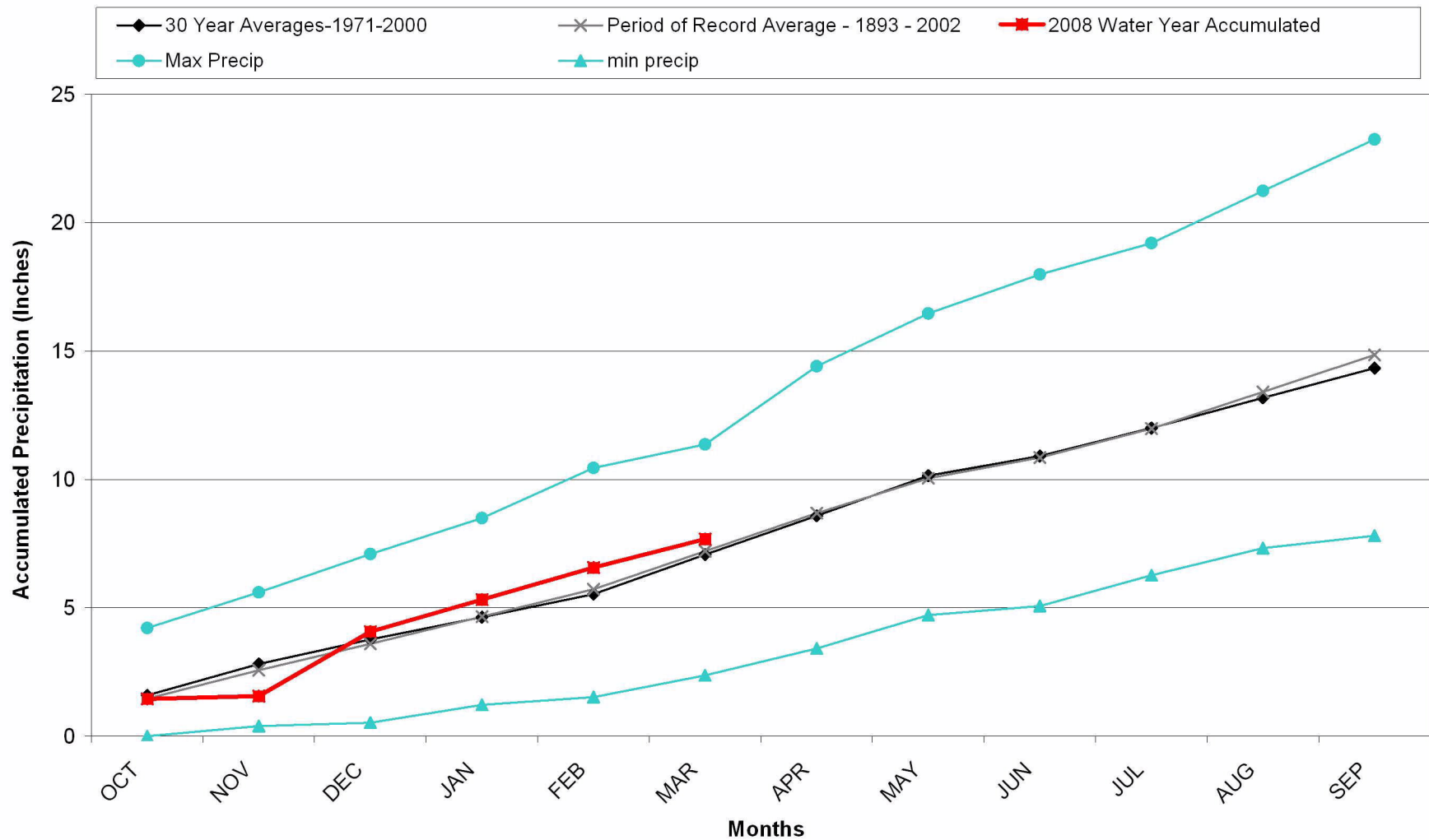
Division 2 – Grand Junction

Grand Junction WSFO 2008 Water Year



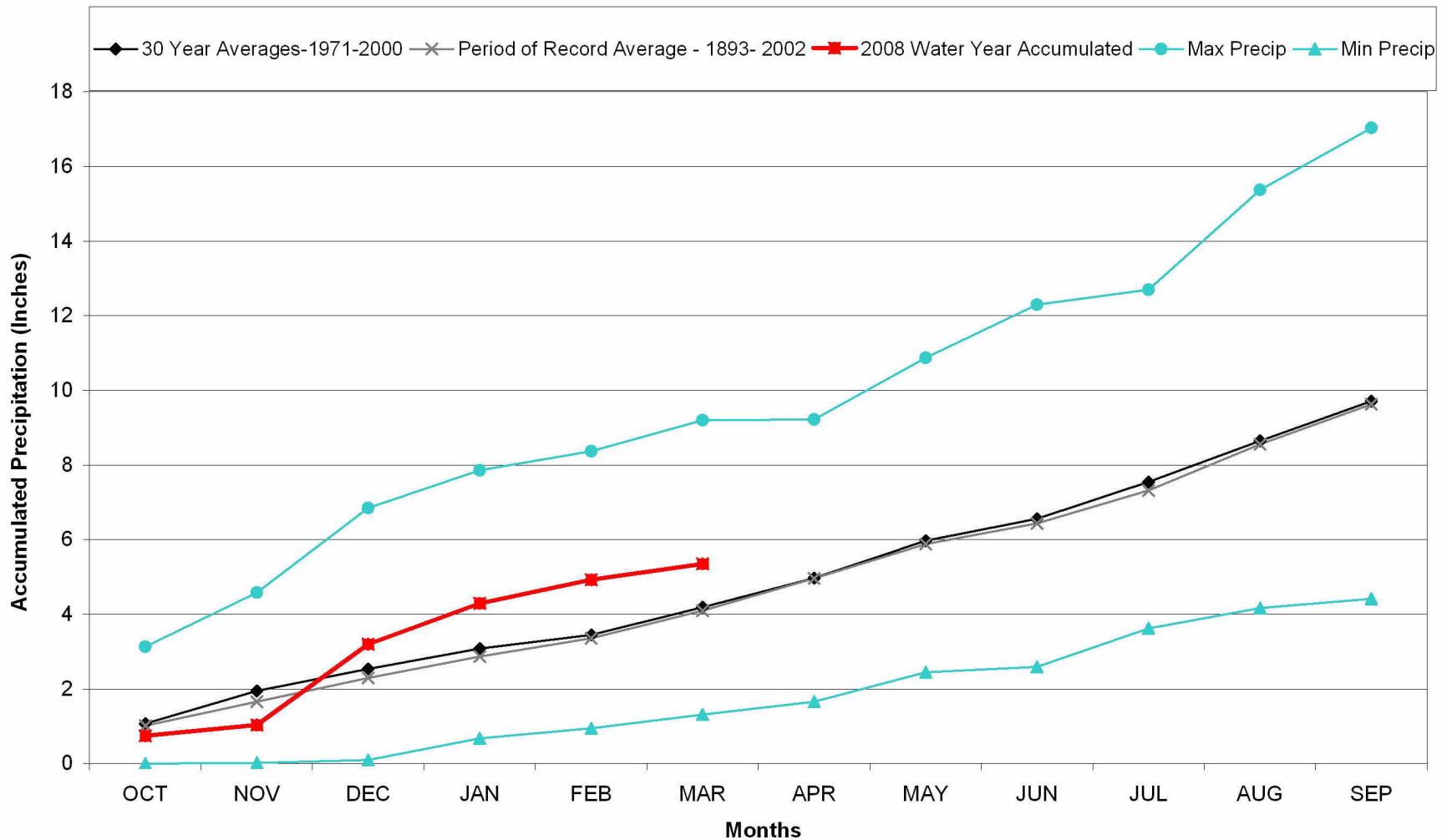
Division 2 – Collbran

Collbran 2SW 2008 Water Year Accumulated



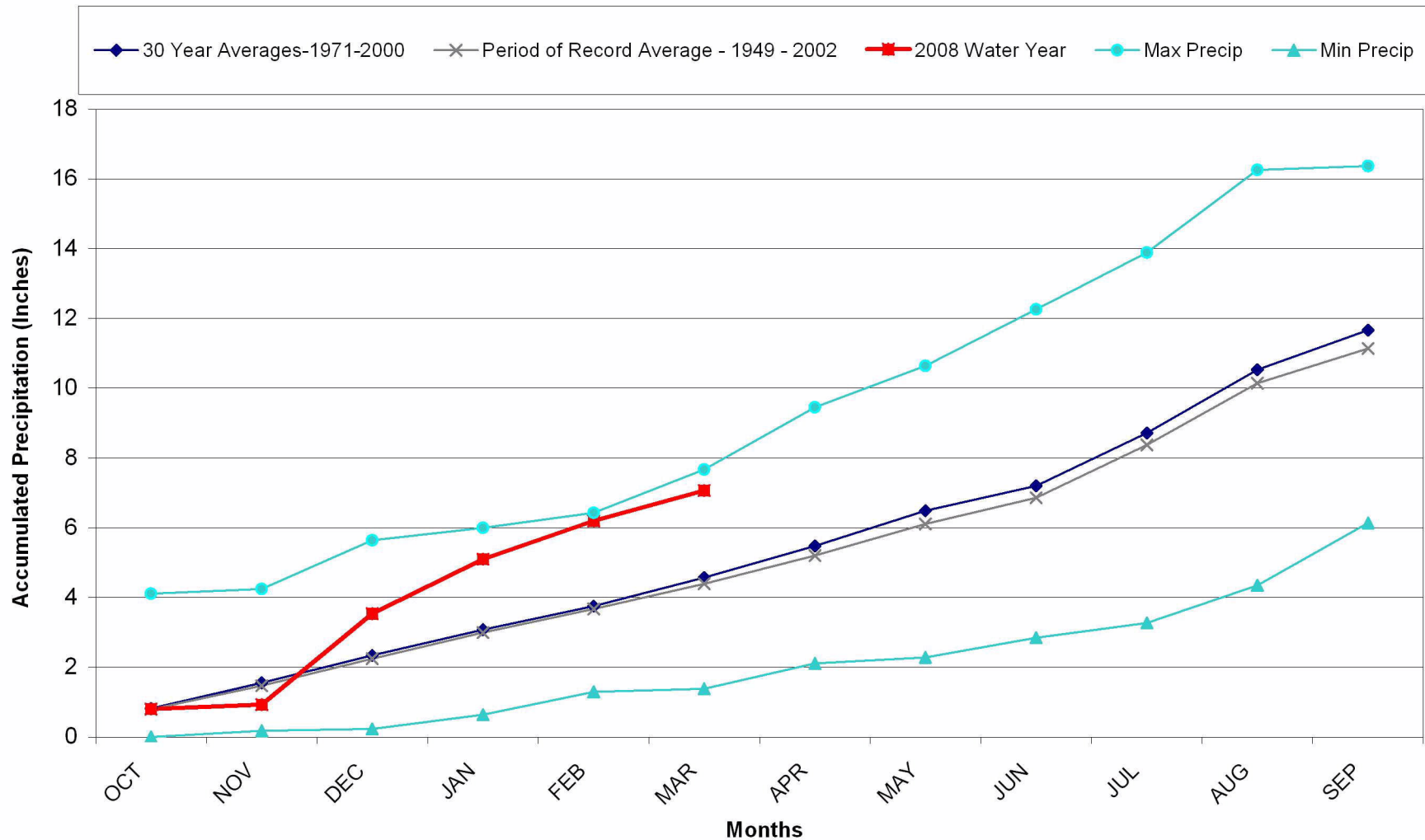
Division 3 – Montrose

Montrose #2 2008 Water Year



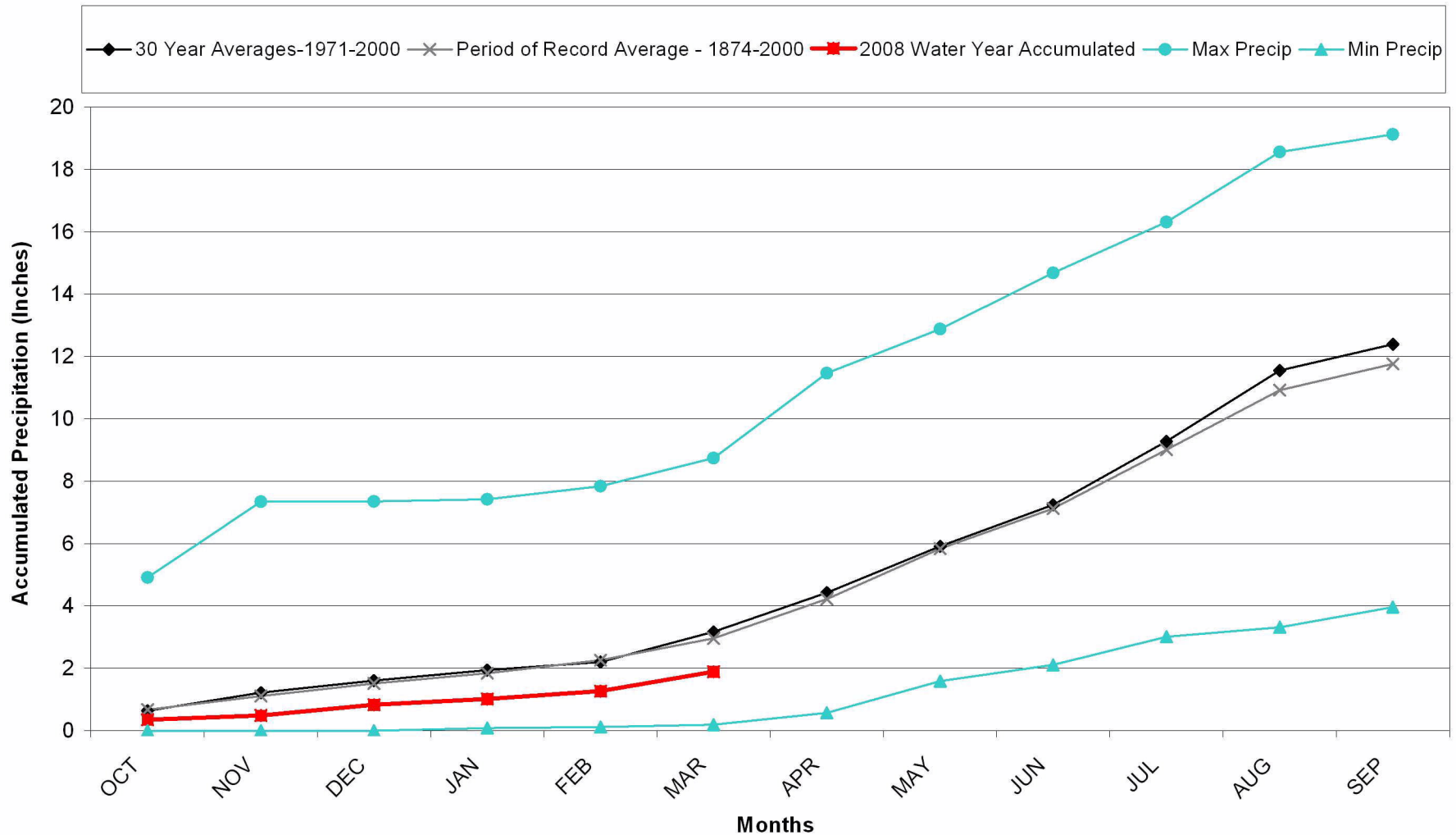
Division 3 – Cochetopa Creek

Cochetopa Creek 2008 Water Year



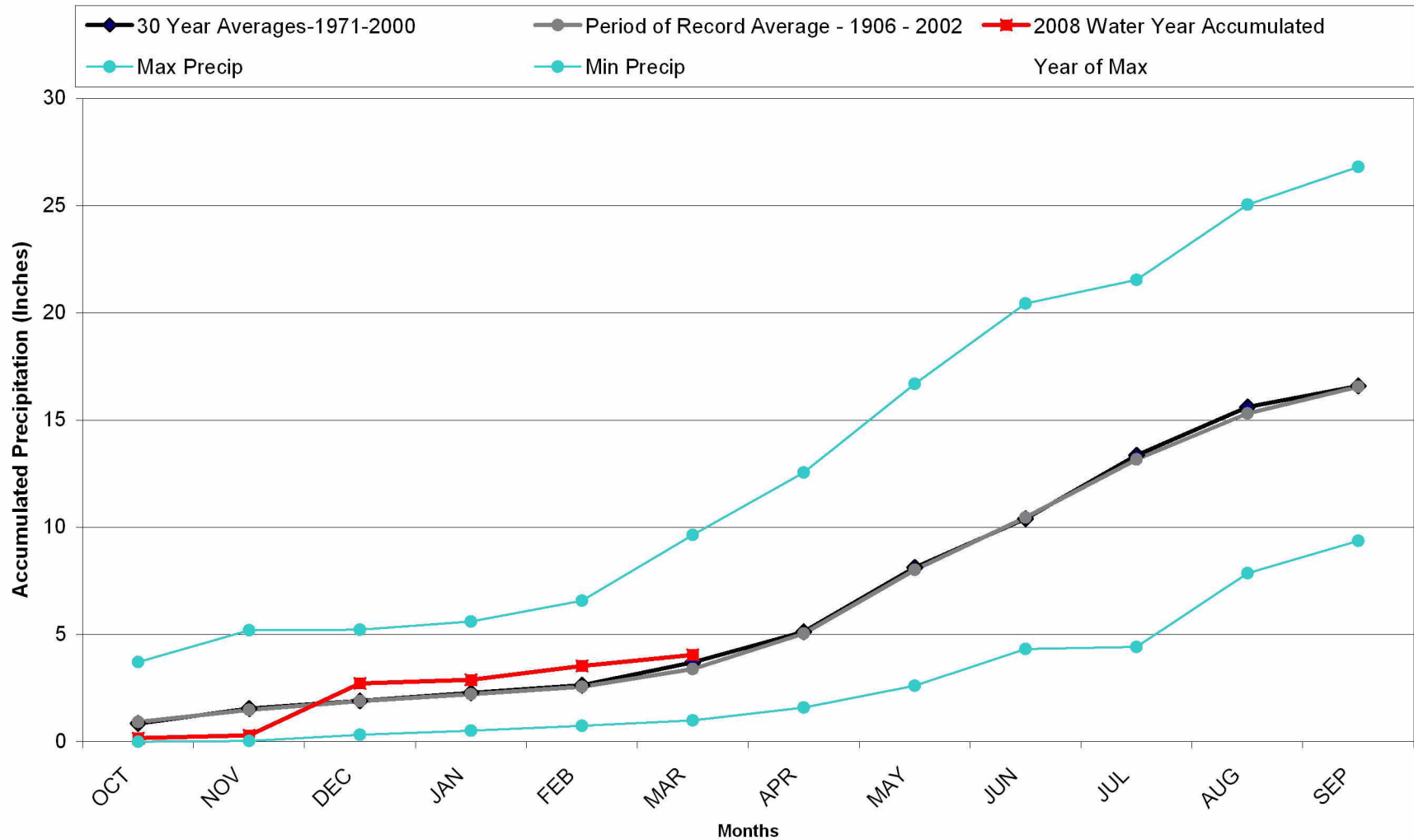
Division 5 – Pueblo

Pueblo WSO 2008 Water Year



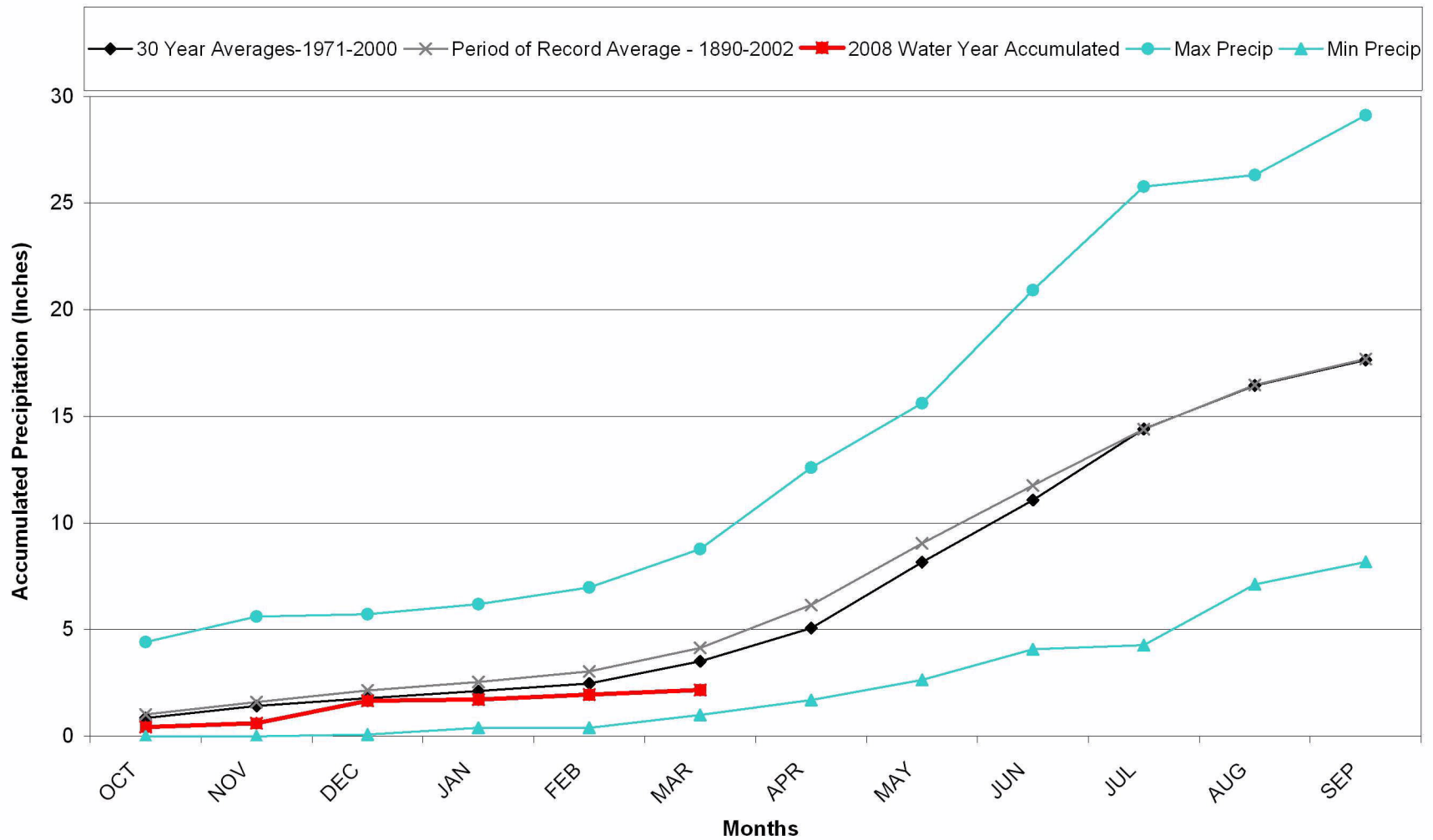
Division 7 – Akron

Akron 4E 2008 Water Year



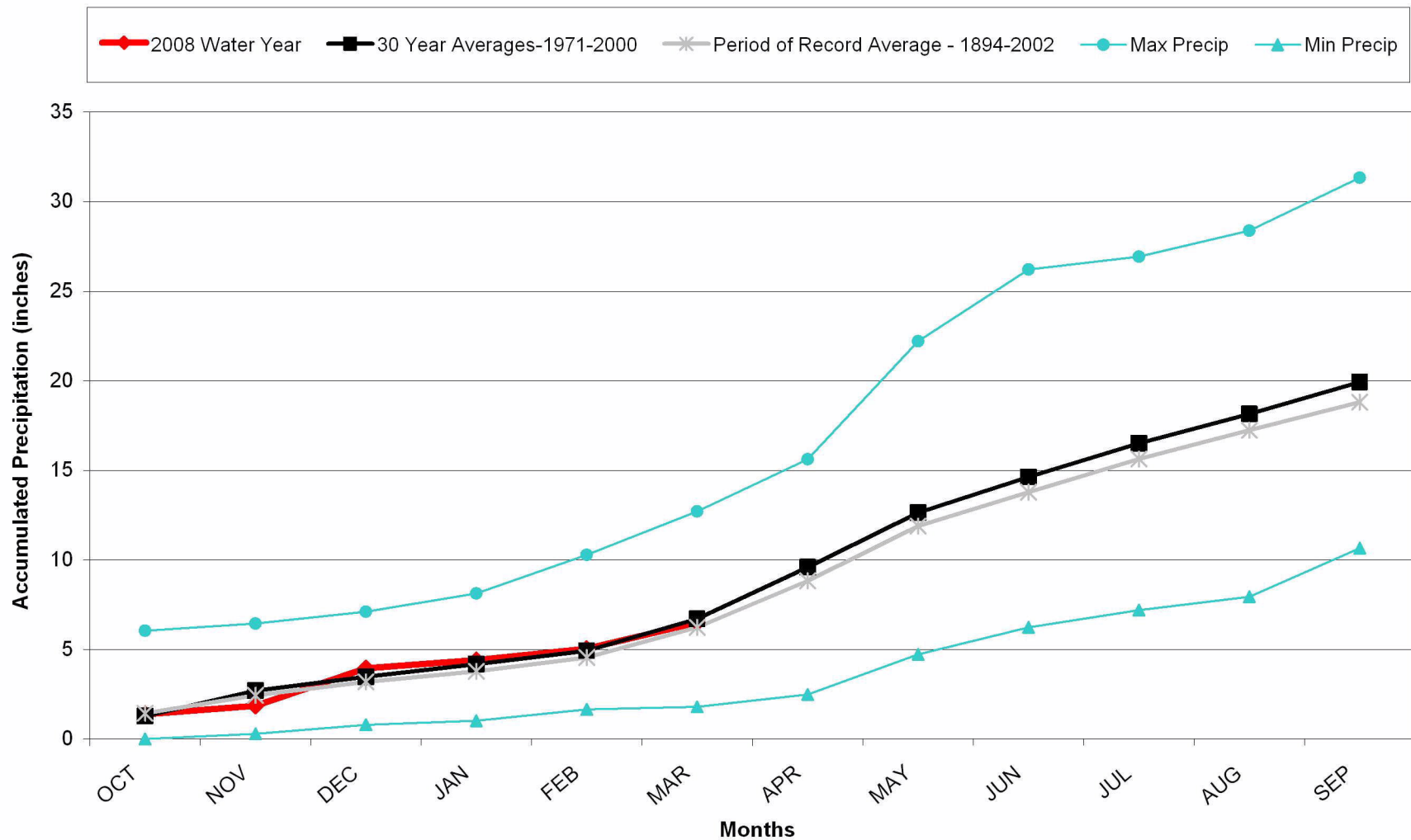
Division 7 – Leroy

Leroy 5SW 2008 Water Year



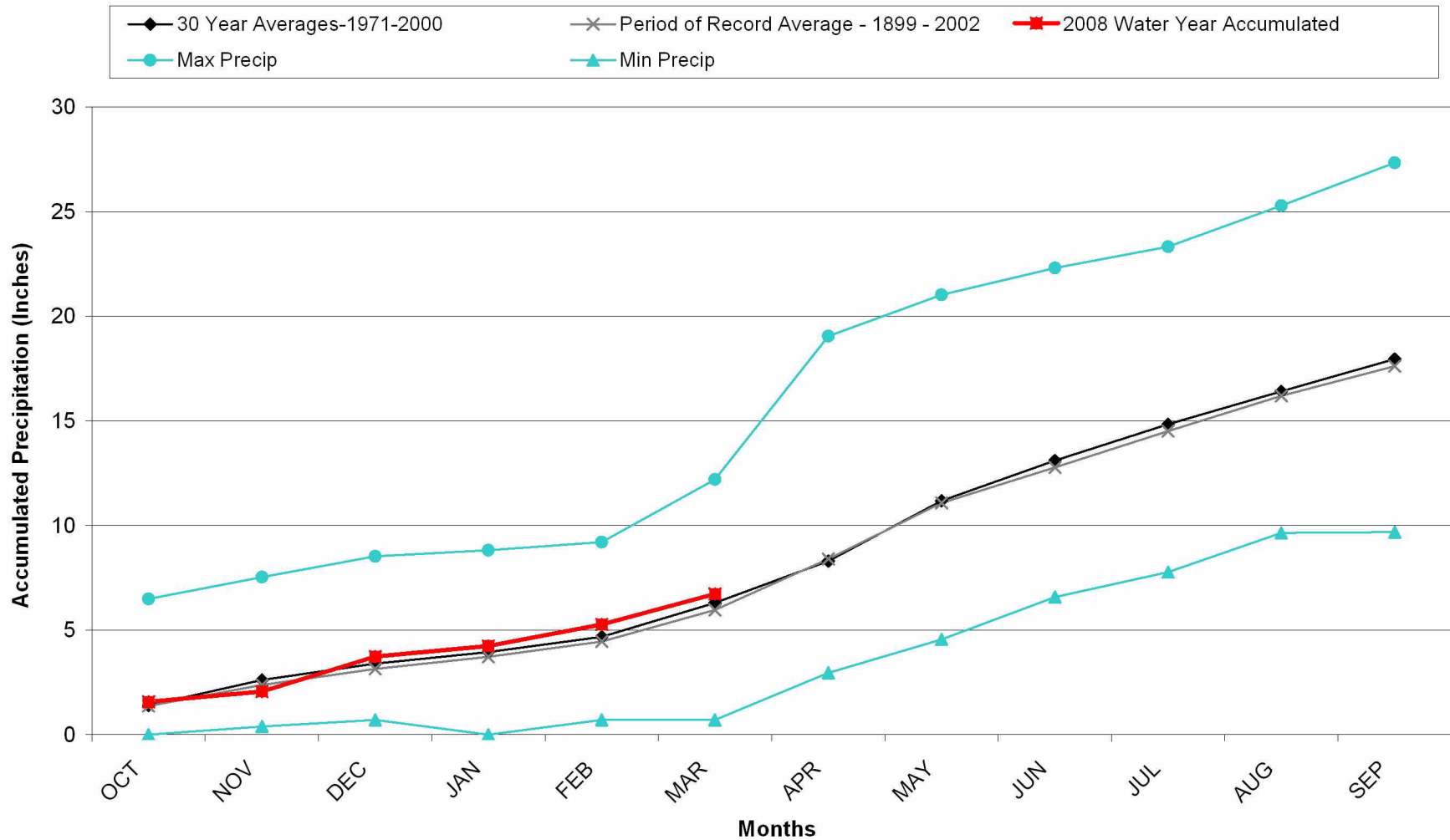
Division 8 – Boulder

Boulder 2008 Water Year



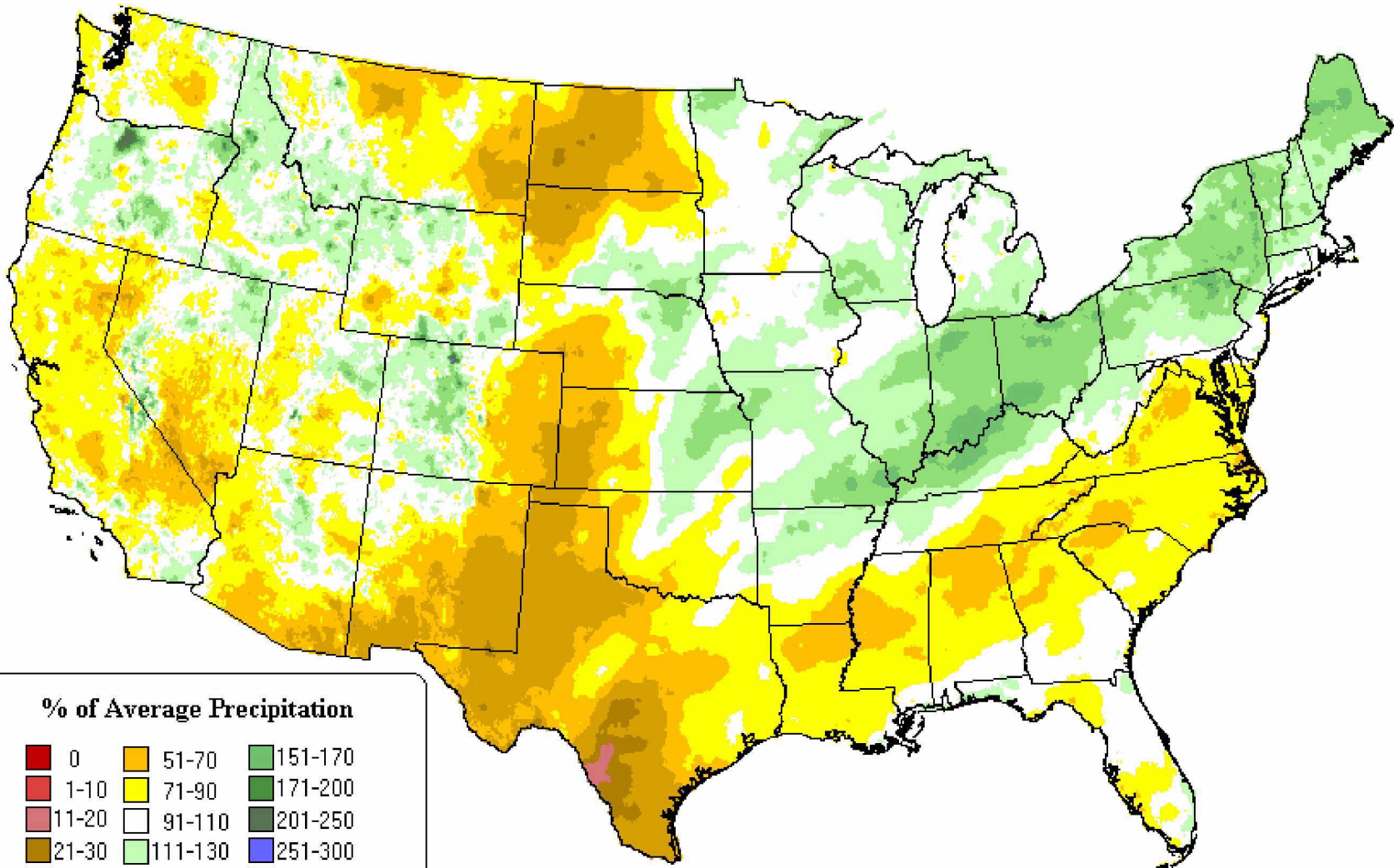
Division 8 – Kassler

Kassler 2008 Water Year

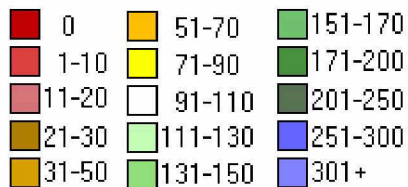


Water Year 2008 (Oct 07-Mar 08) Prism

6-month Percent of Average Precipitation: Mar 2008
Provisional Data

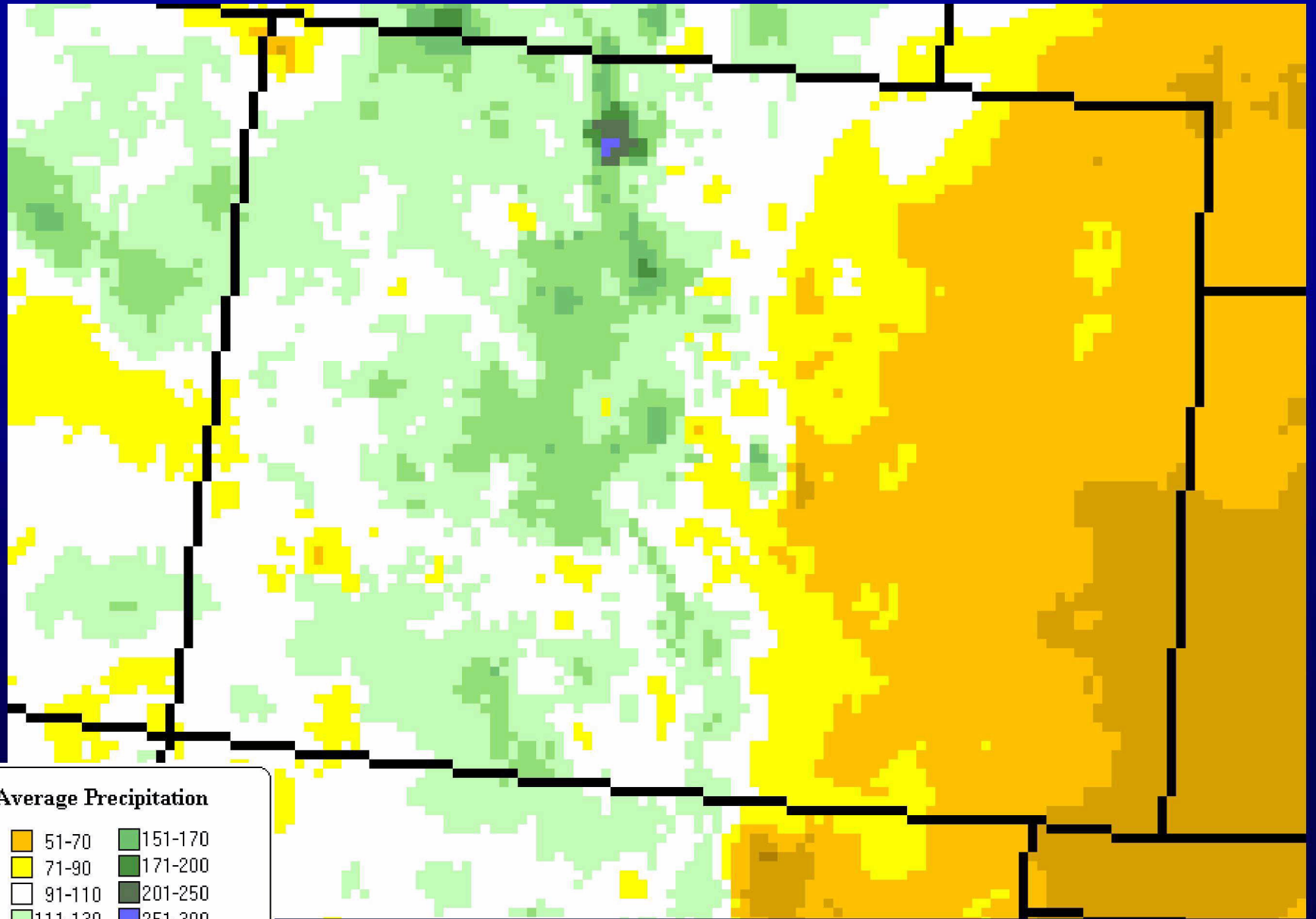


% of Average Precipitation



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<http://www.prismclimate.org> - Map created Apr 11 2008

Water Year 2008 (Oct 07-Mar 08) Prism

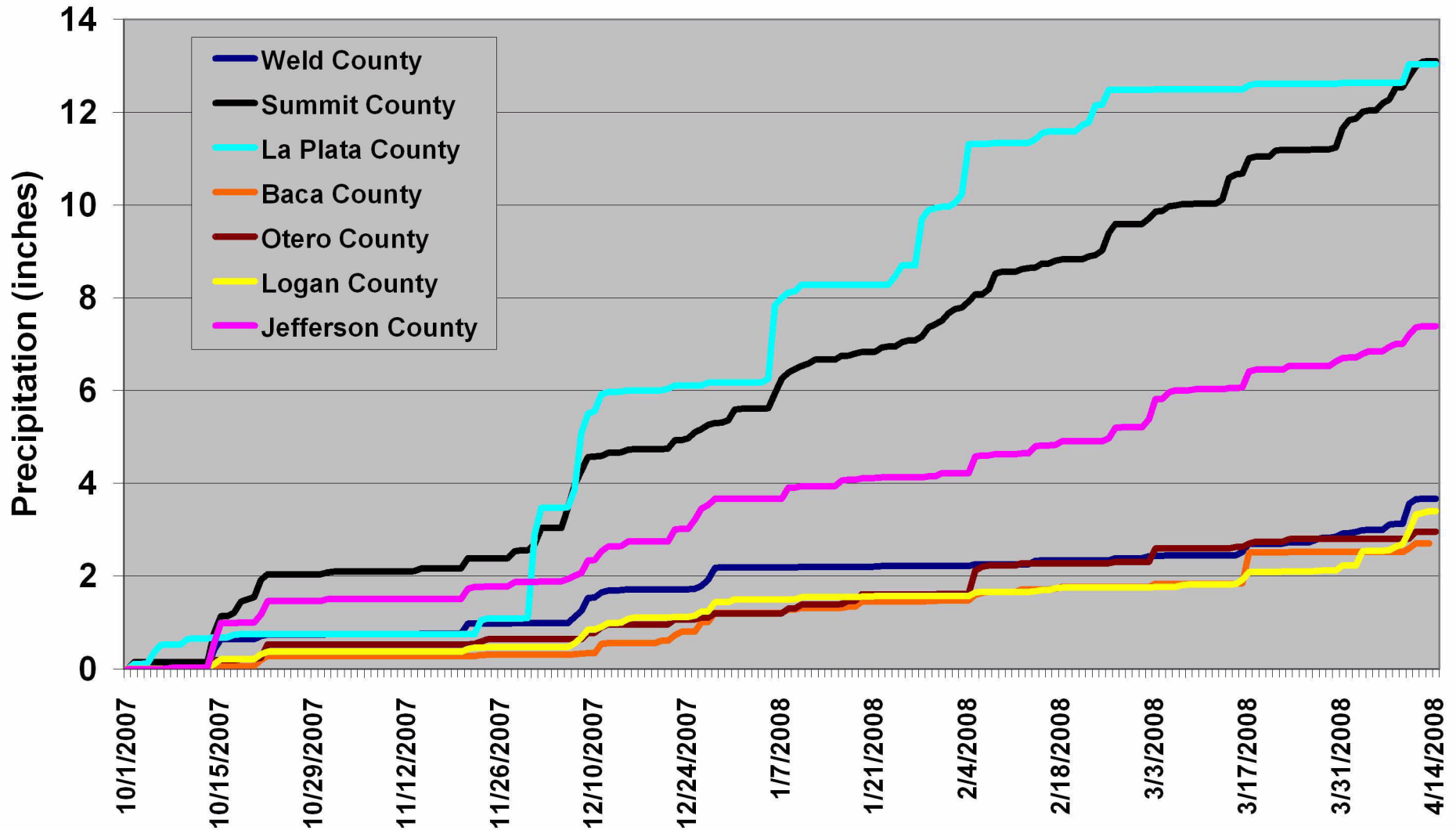


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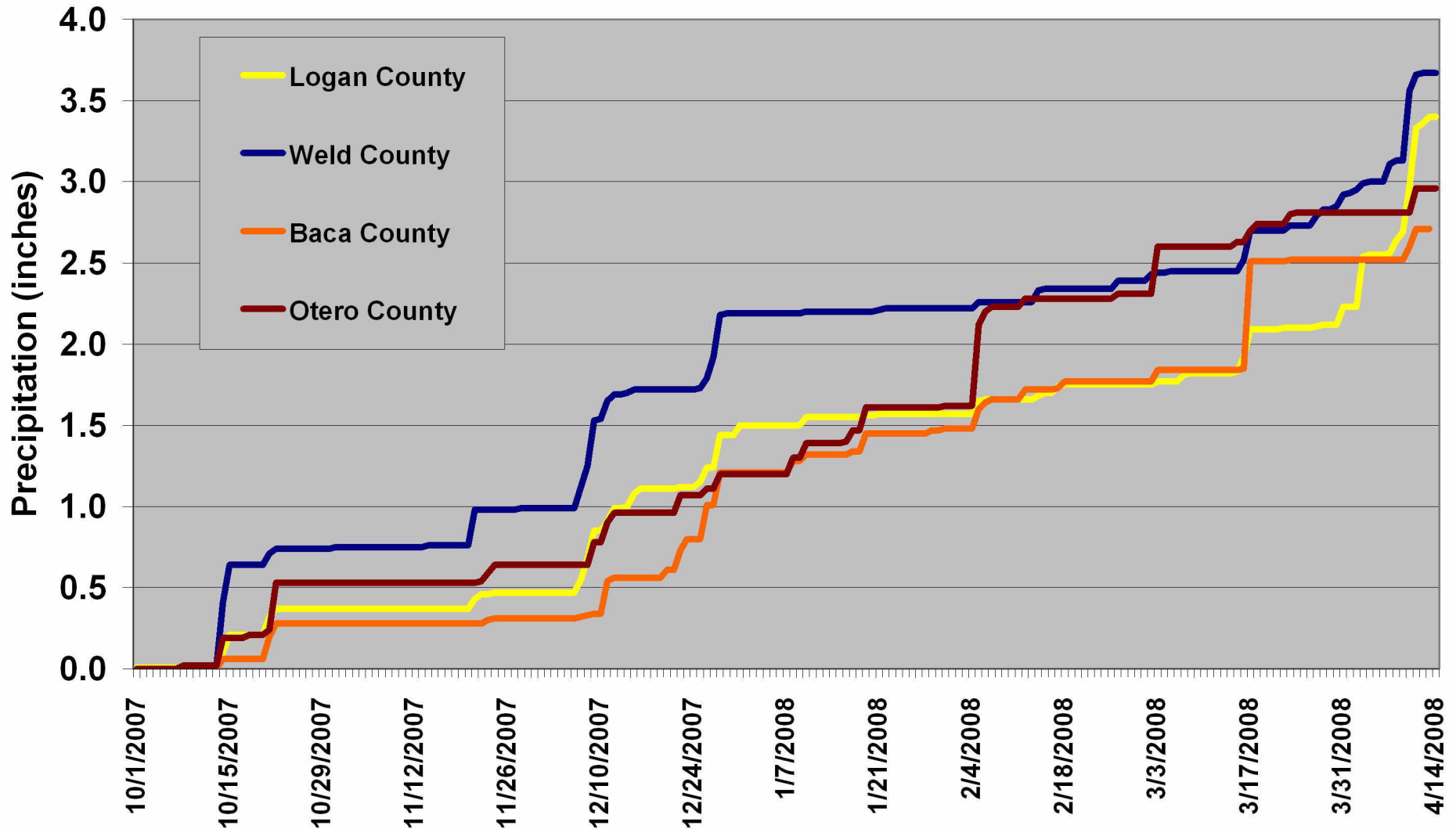
Water Year 2008 Accumulated Precipitation for Selected Counties

CoCoRAHS Accumulated Precipitation for Selected Counties: October 1, 2007 through April 14, 2008



Water Year 2008 Accumulated Precipitation for Selected Counties

CoCoRAHS Accumulated Precipitation for Selected Counties: October 1, 2007 through April 14, 2008

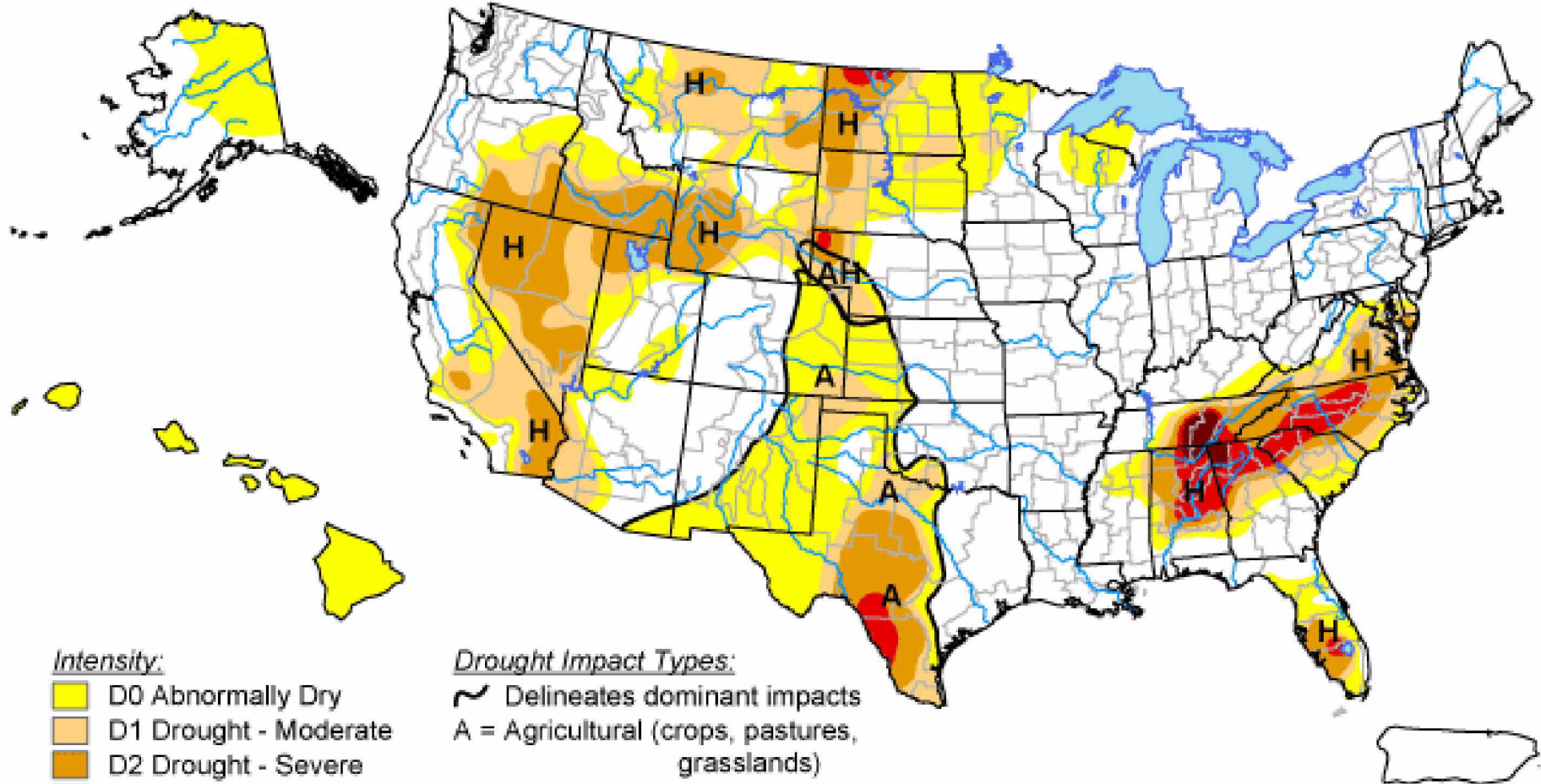


Summary






U.S. Drought Monitor

March 11, 2008


Valid 8 a.m. EDT



Intensity:

-  D0 Abnormally Dry
-  D1 Drought - Moderate
-  D2 Drought - Severe
-  D3 Drought - Extreme
-  D4 Drought - Exceptional

Drought Impact Types:

-  Delineates dominant impacts
- A = Agricultural (crops, pastures, grasslands)
- H = Hydrological (water)

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



Released Thursday, March 13, 2008

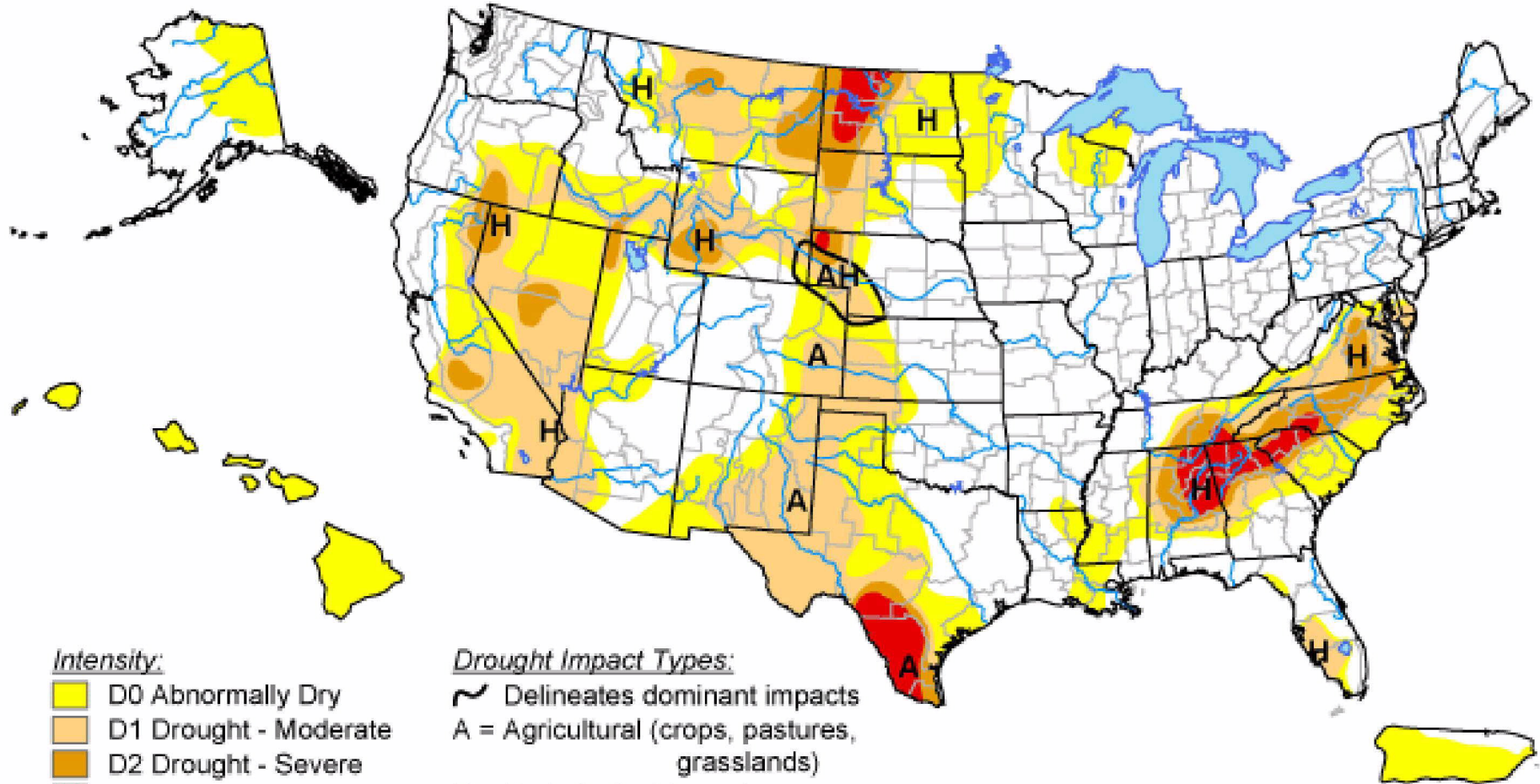
Author: Brian Fuchs, National Drought Mitigation Center

<http://drought.unl.edu/dm>






U.S. Drought Monitor

April 8, 2008


Valid 8 a.m. EDT



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Released Thursday, April 10, 2008

Author: Rich Tinker, Climate Prediction Center, NOAA

<http://drought.unl.edu/dm>

Colorado Climate Center

**Data and Power Point Presentations
available for downloading**

<http://ccc.atmos.colostate.edu>

- click on “Drought”**
- then click on “Presentations”**