



Climate Update

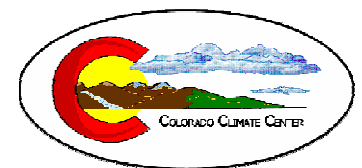
Nolan Doesken, State Climatologist
Atmospheric Science Department
Colorado State University

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



Presented to Water Availability Task Force, Denver Water Board,
Denver, CO, March 15, 2007

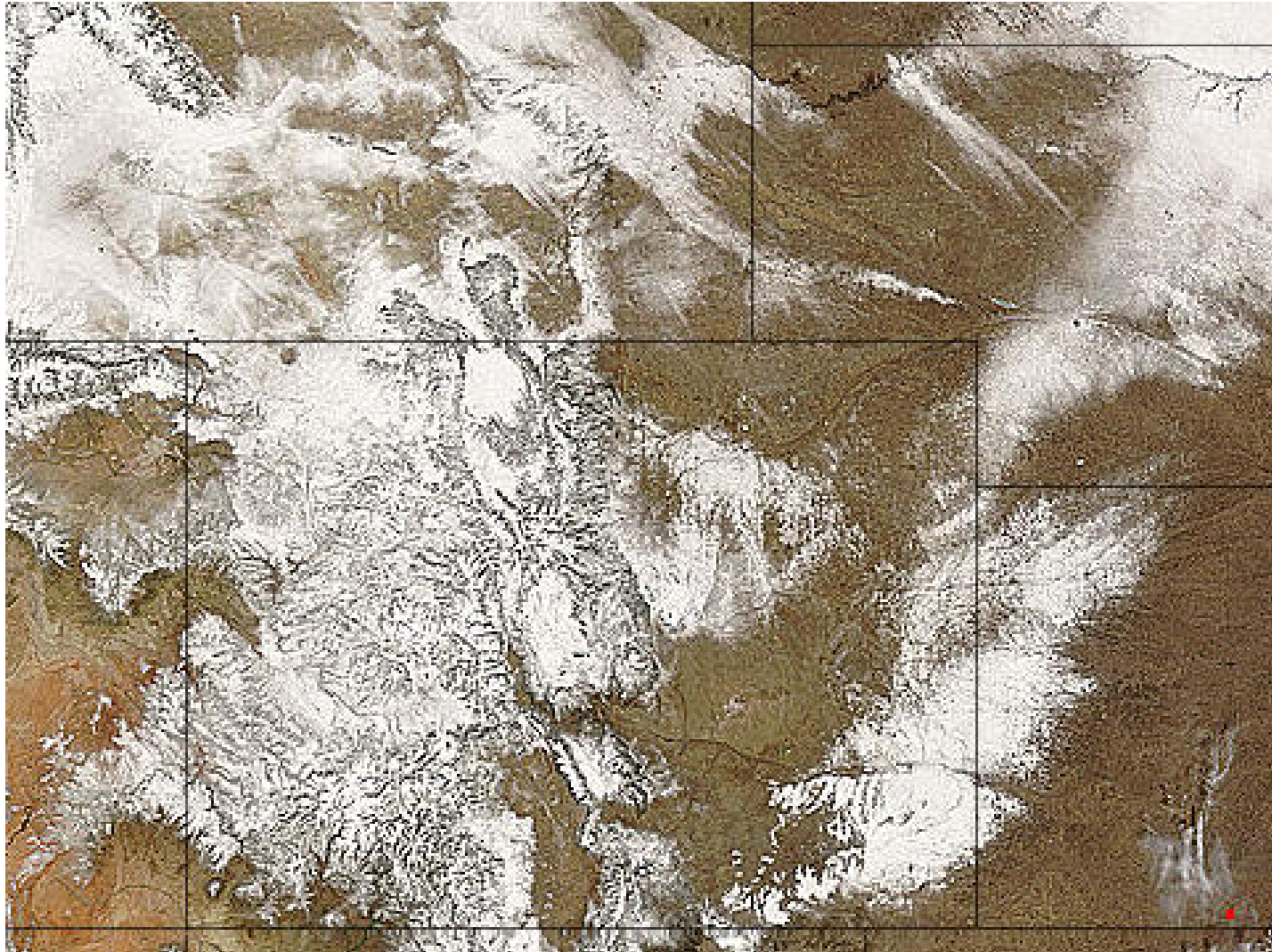
Prepared by Odie Bliss and Wendy Ryan





Colorado Snowcover

As of March 3, 2007

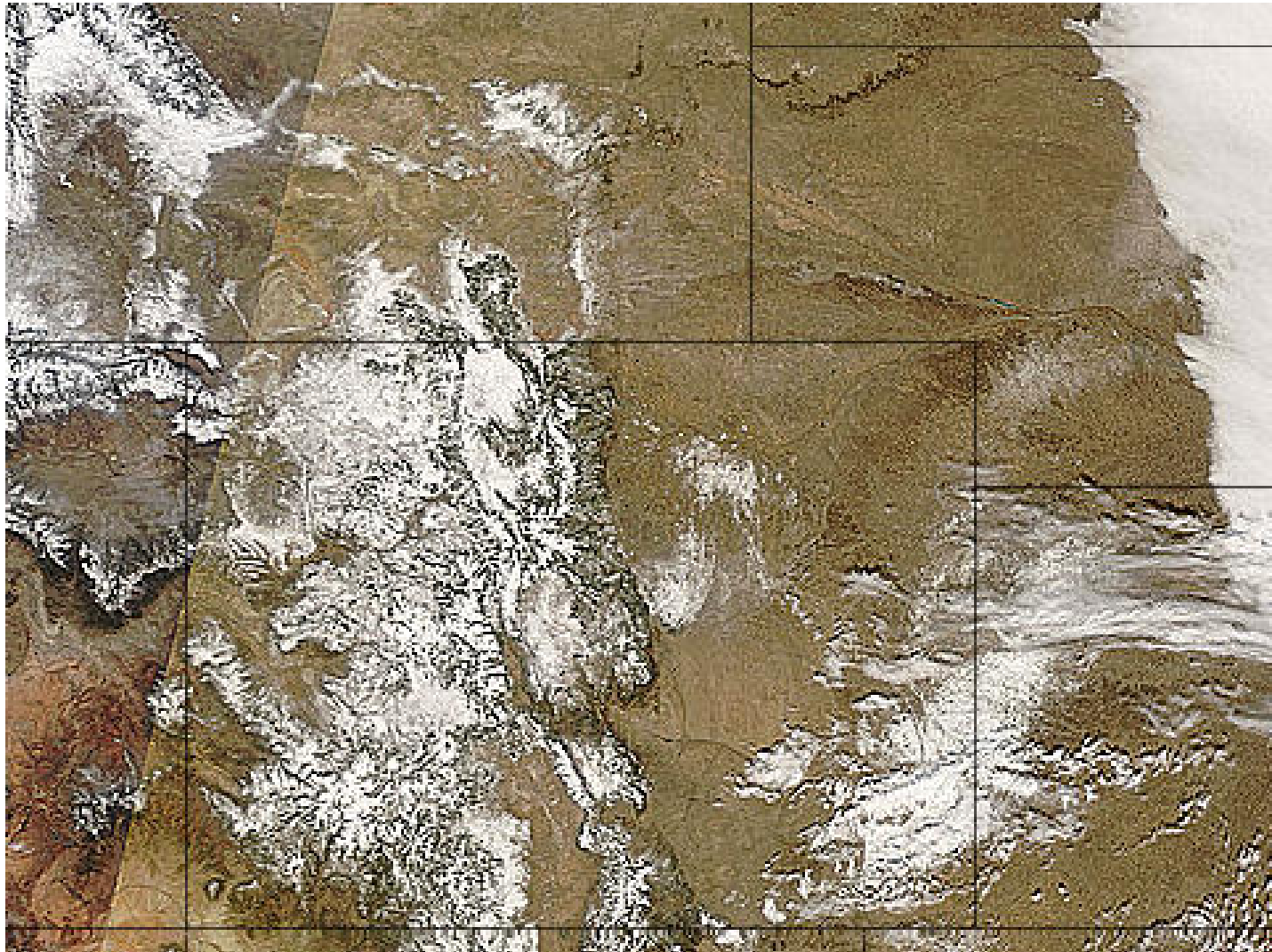


http://rapidfire.sci.gsfc.nasa.gov/subsets/?AERONET_BSRN_BAO_Boulder



Colorado Snowcover

As of March 7, 2007

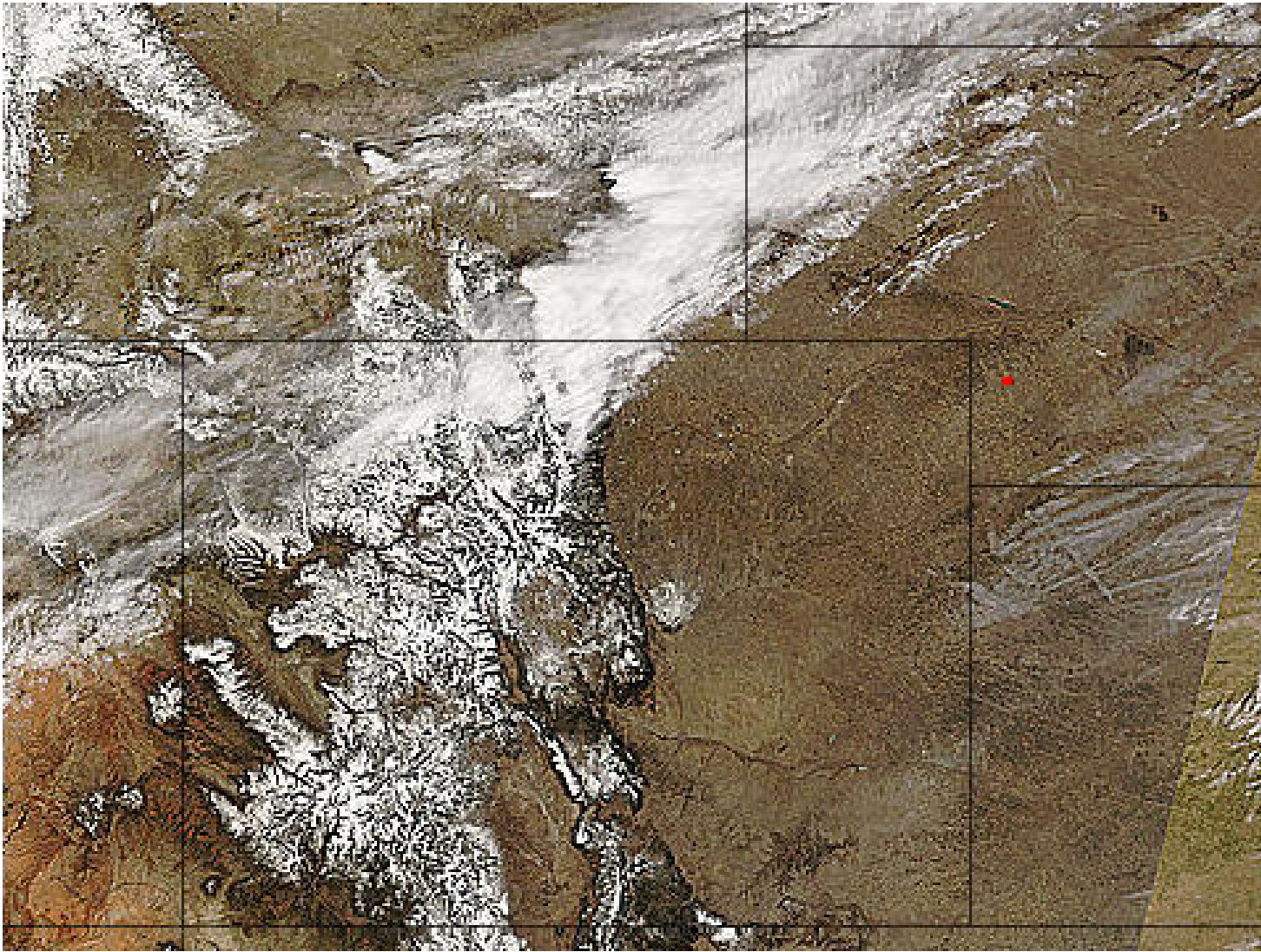


http://rapidfire.sci.gsfc.nasa.gov/subsets/?AERONET_BSRN_BAO_Boulder



Colorado Snowcover

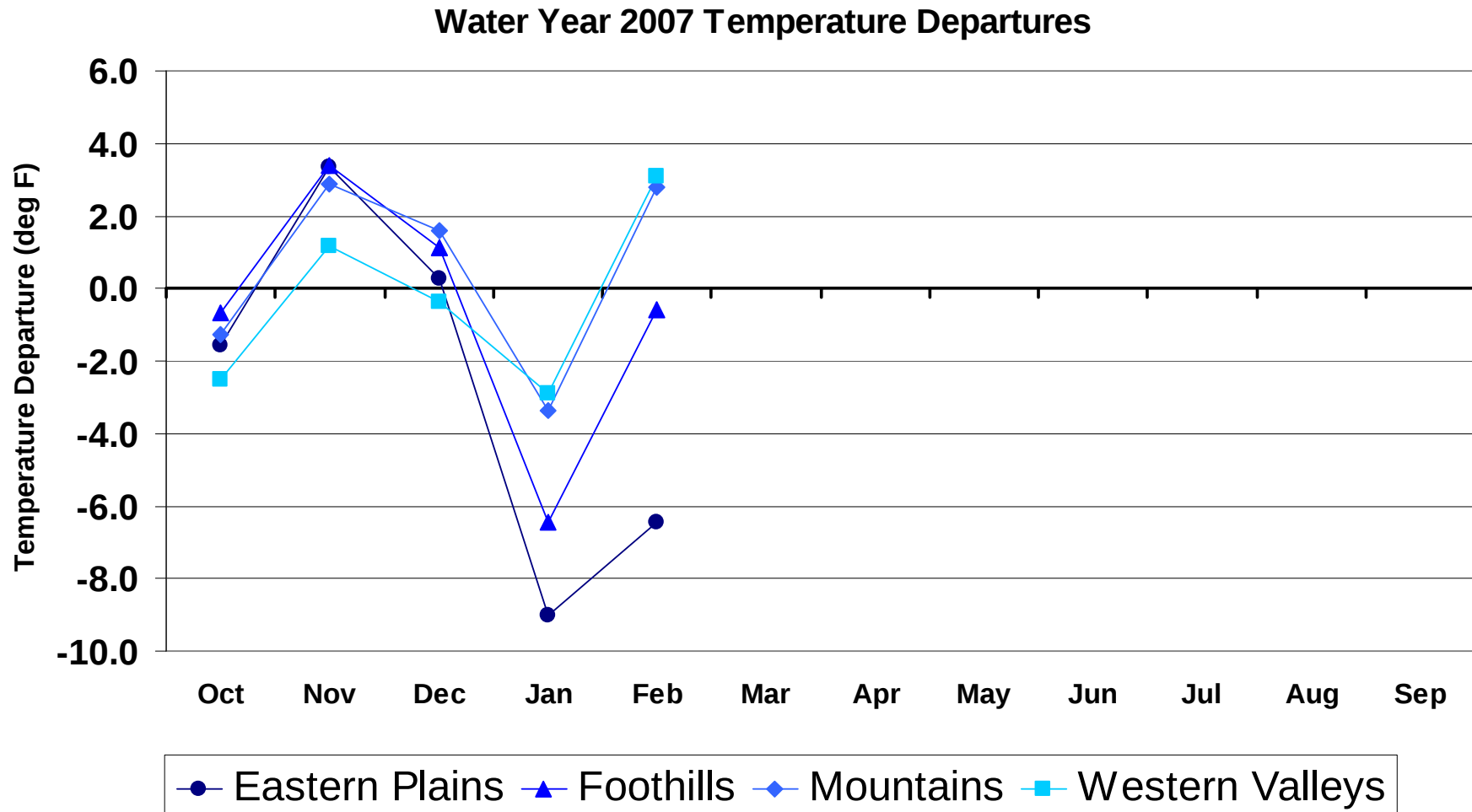
As of March 13, 2007



<http://rapidfire.sci.gsfc.nasa.gov/subsets/?AERONET BSRN BAO Boulder>



Water Year 2007 Temperature Departures

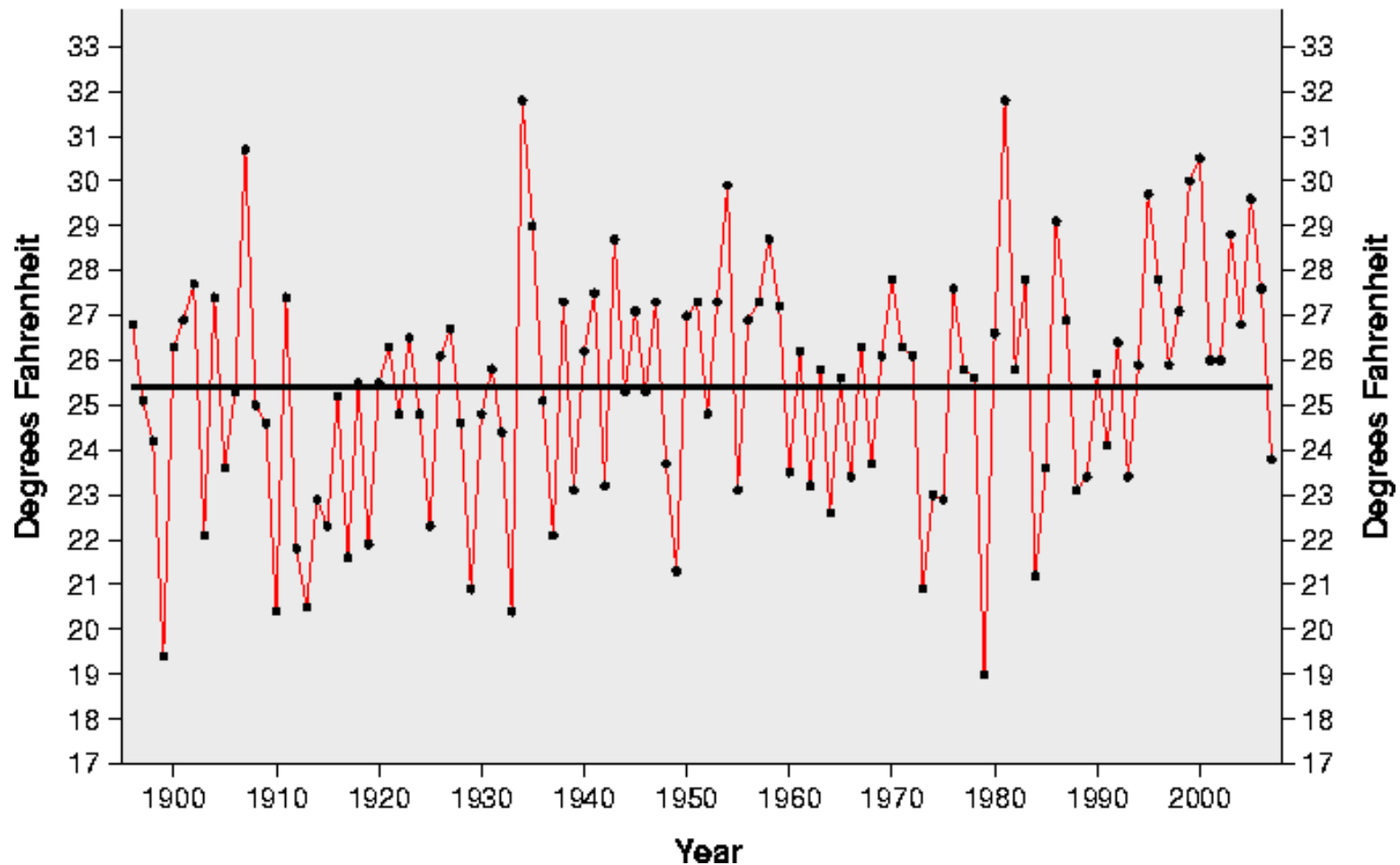




Winter (Dec-Feb) Average Temperatures for Colorado

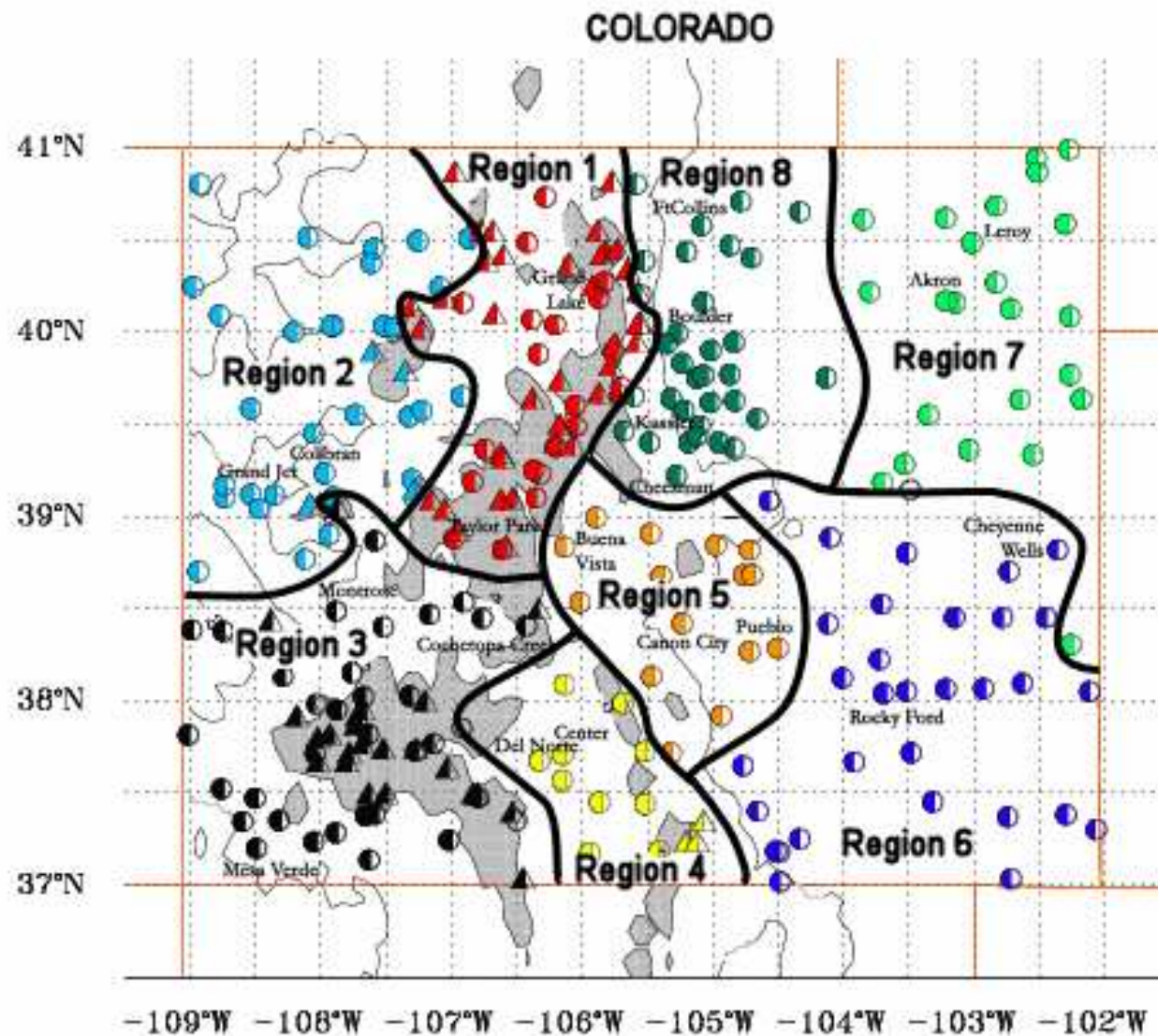
— Actual Temperature
— Average Temperature

Period of record 1896-2007





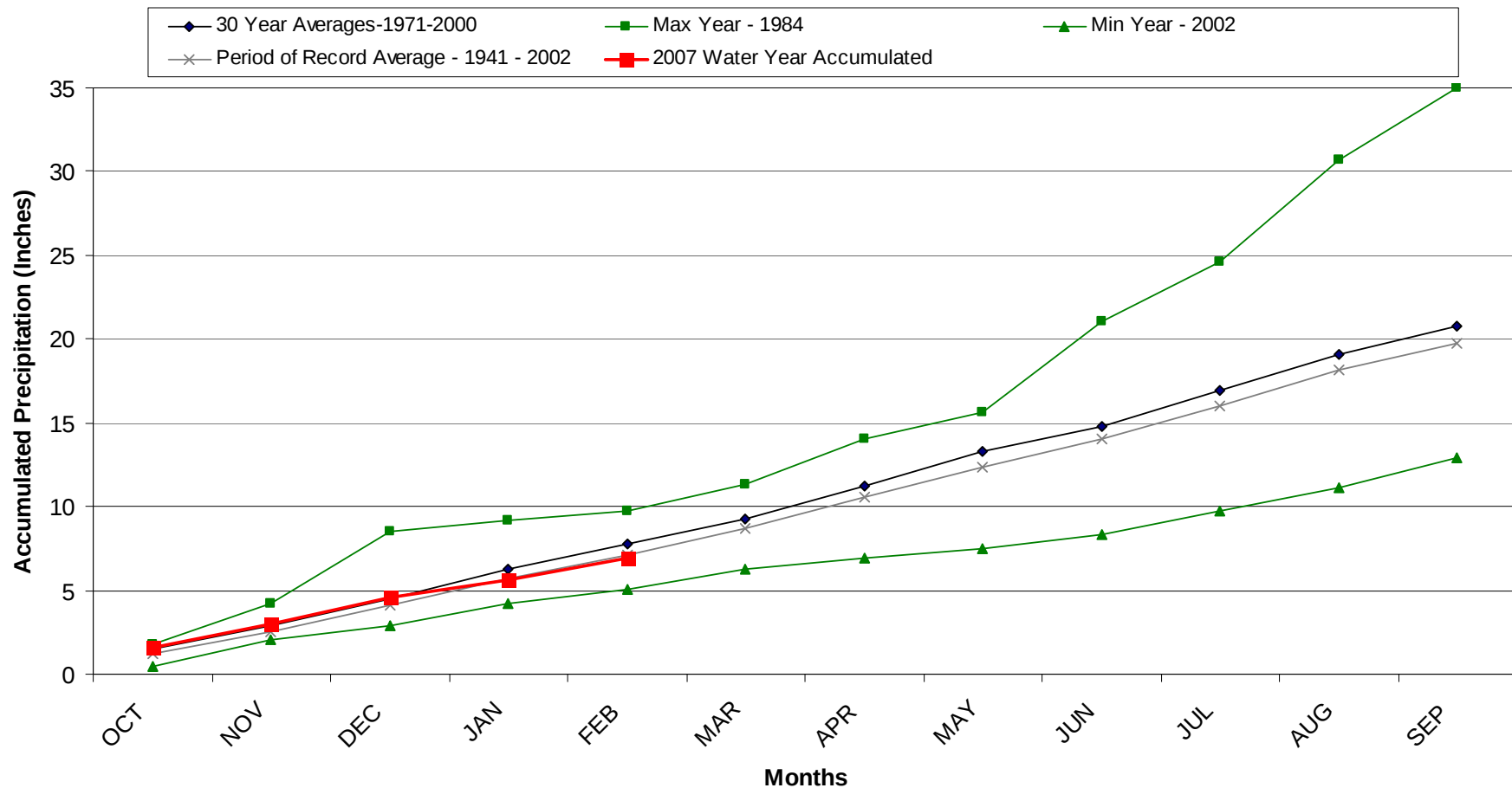
Climate divisions defined by Dr. Klaus Wolter of NOAA's Climate Diagnostic Center in Boulder, CO





Division 1– Grand Lake 1NW

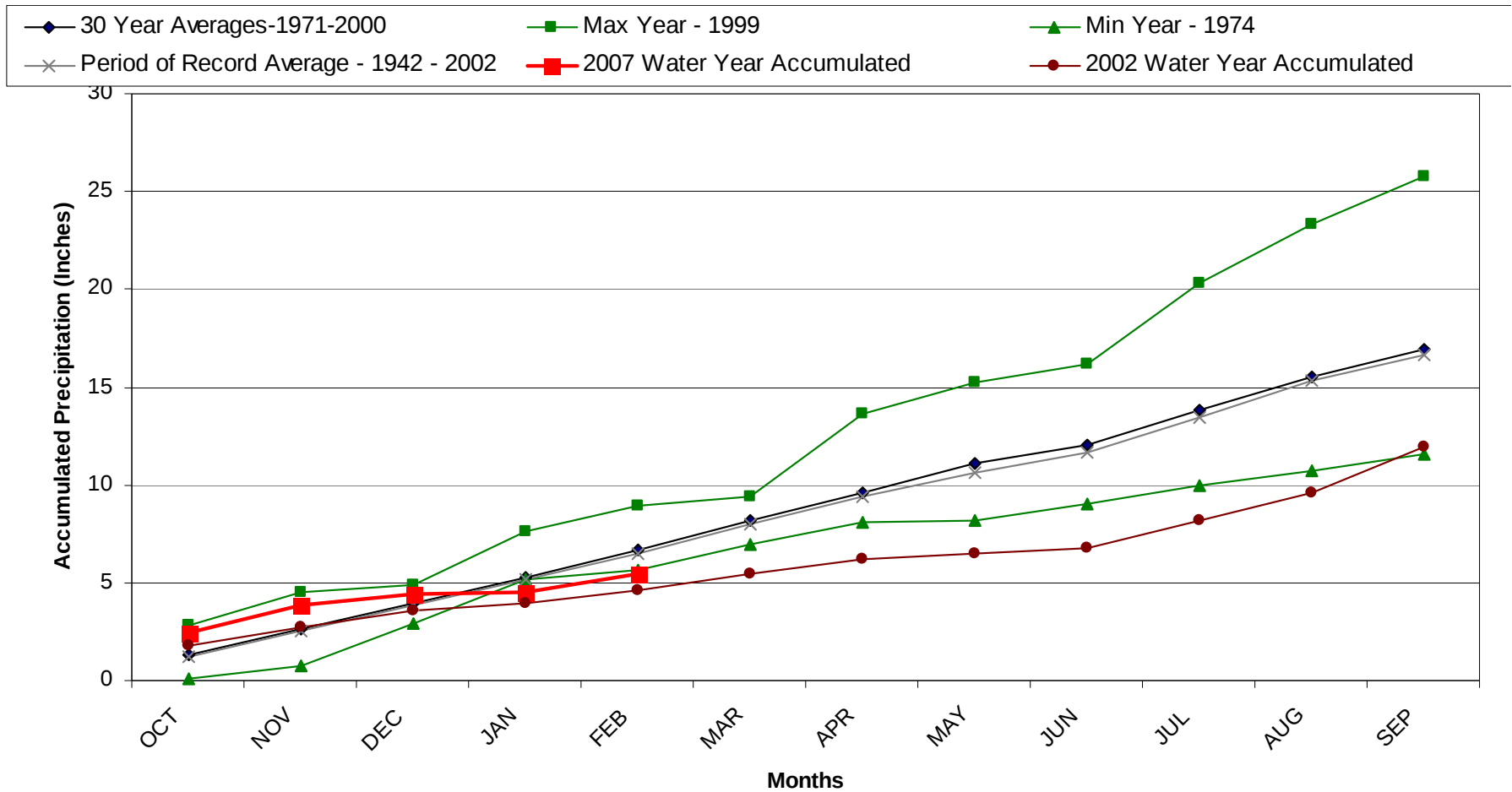
Grand Lake 1 NW 2007 Water Year





Division 1 – Taylor Park

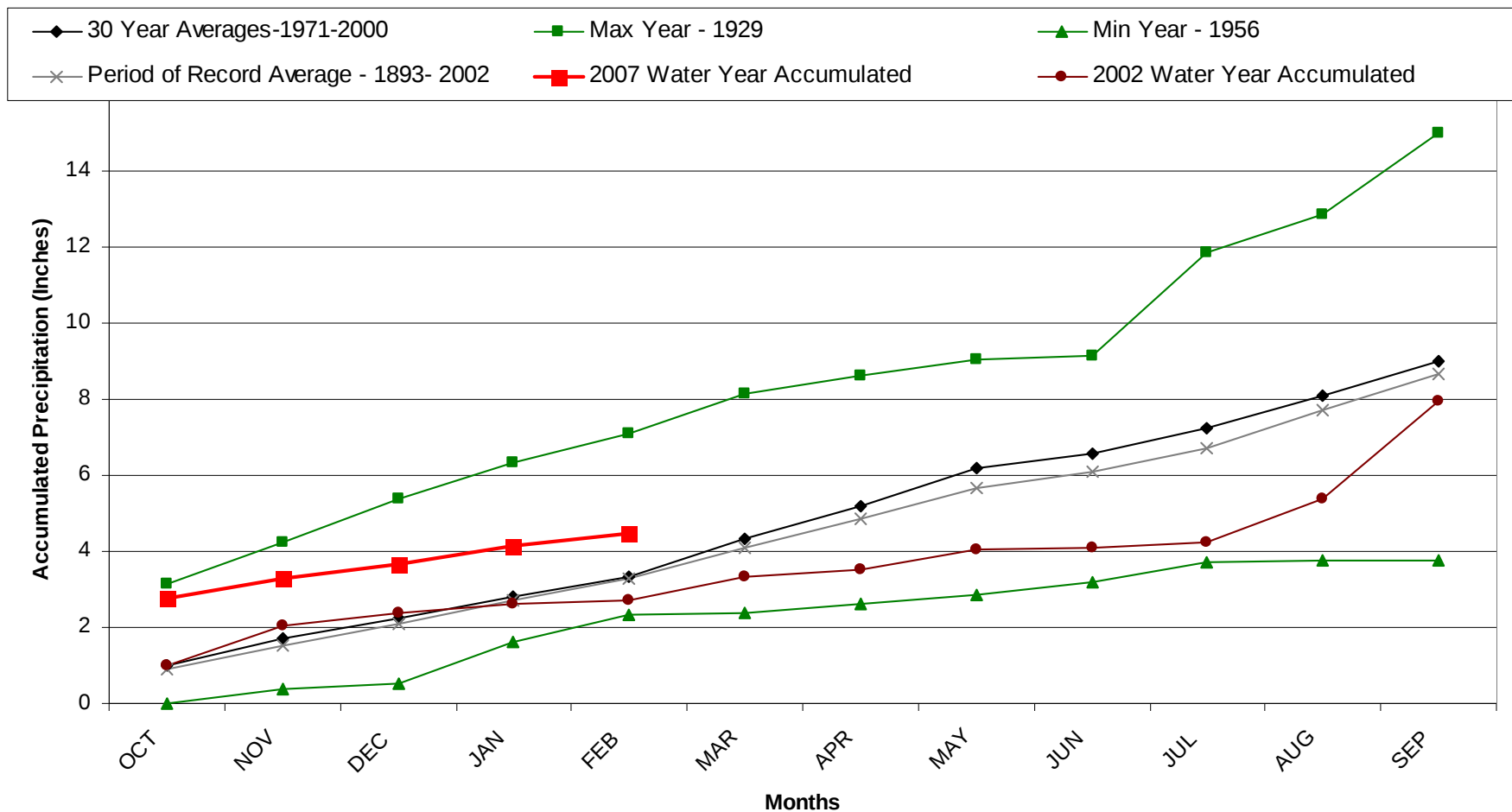
Taylor Park 2007 Water Year





Division 2 – Grand Junction

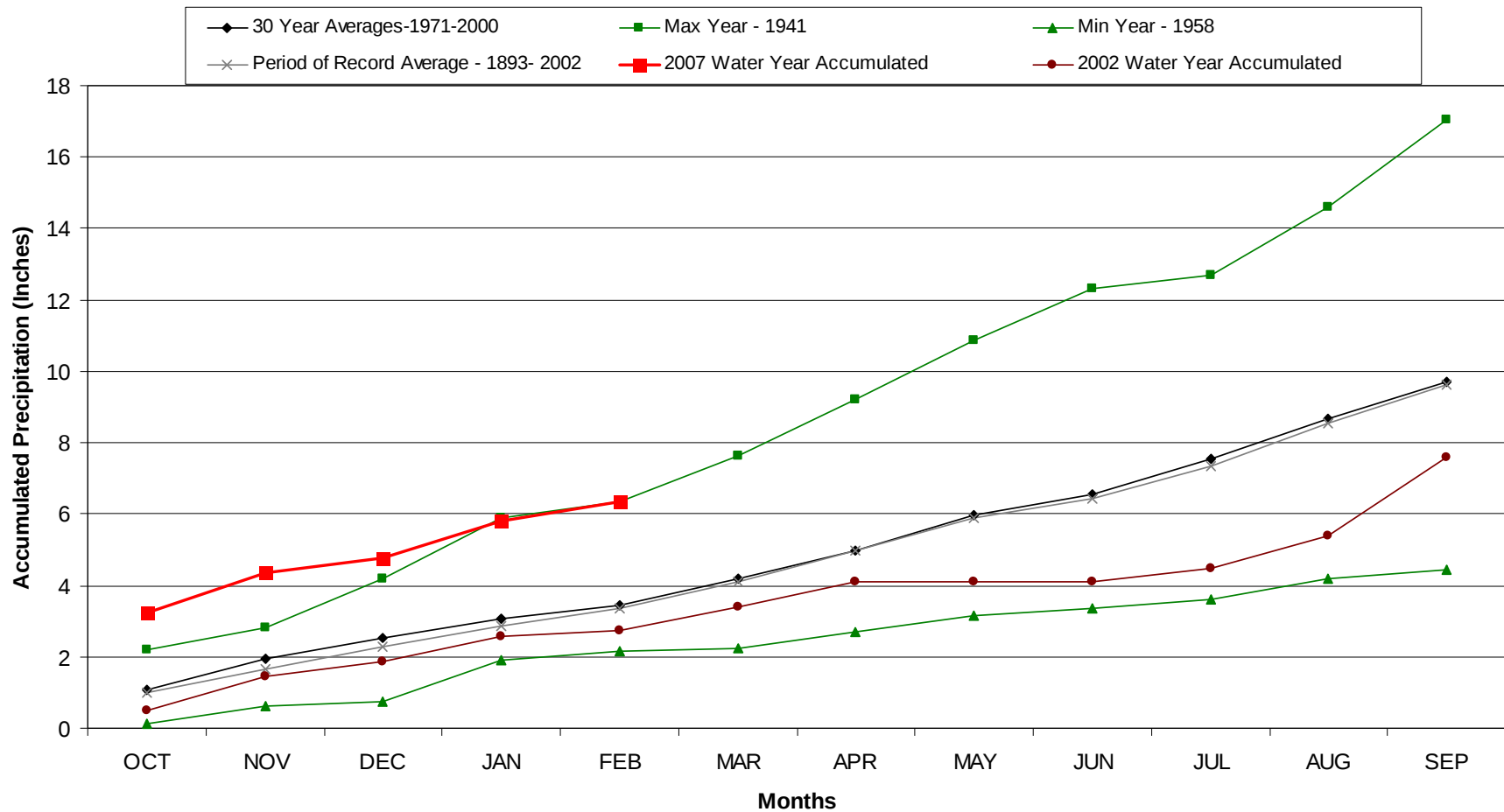
Grand Junction WSFO 2007 Water Year





Division 3 – Montrose

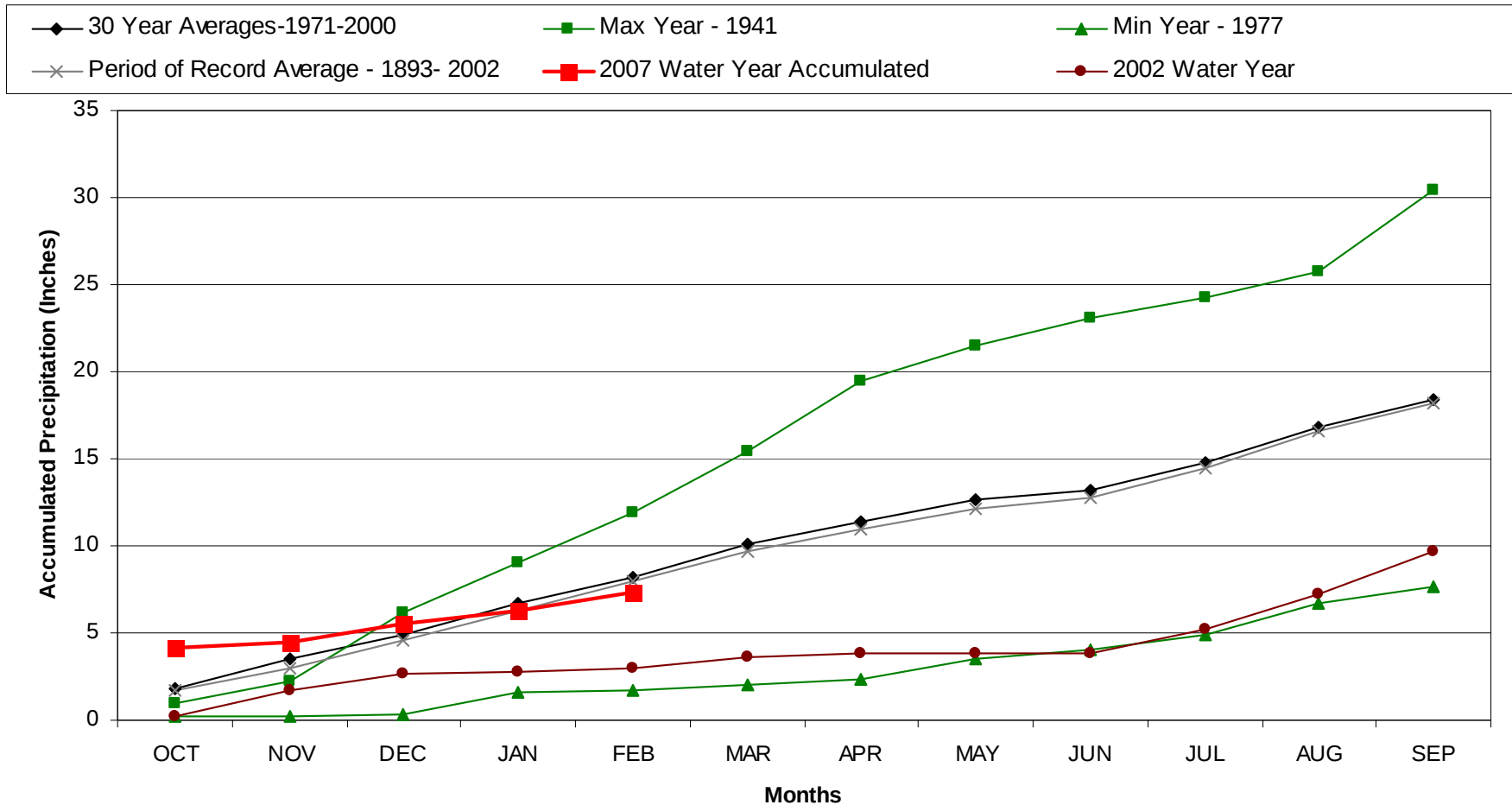
Montrose #2 2007 Water Year





Division 3 – Mesa Verde

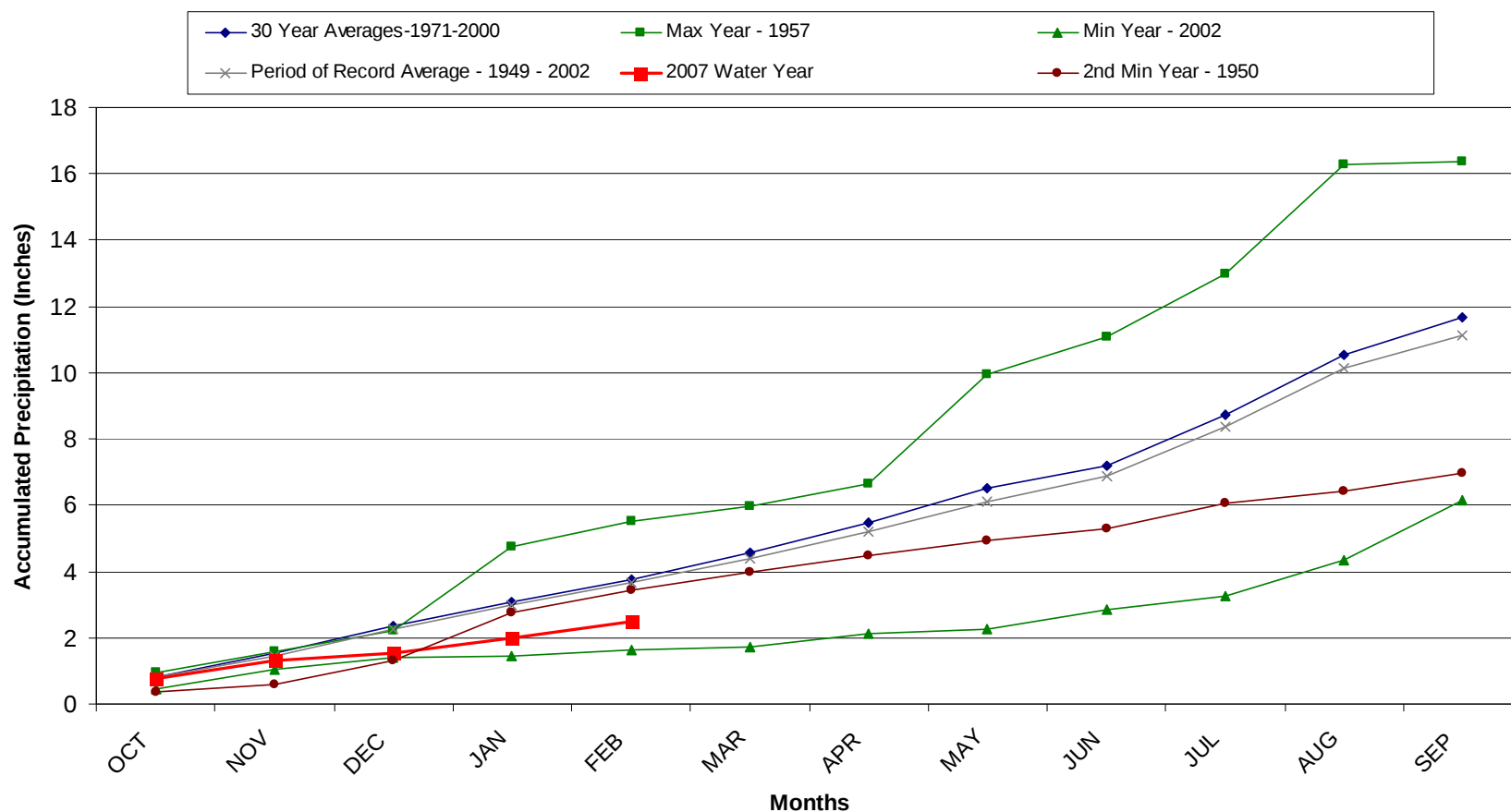
Mesa Verde NP 2007 Water Year





Division 3 – Cochetopa Creek

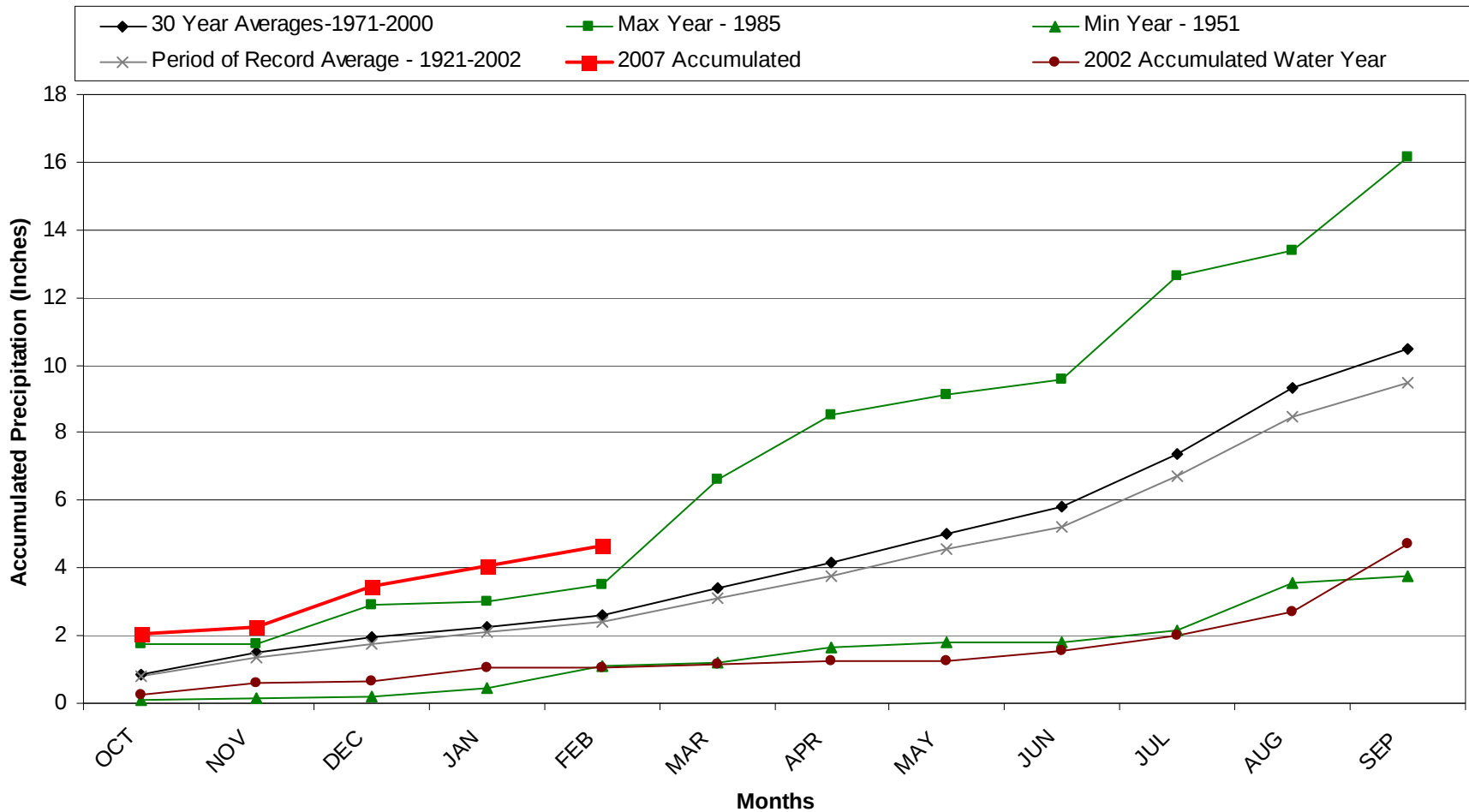
Cochetopa Creek 2007 Water Year





Division 4 – Del Norte

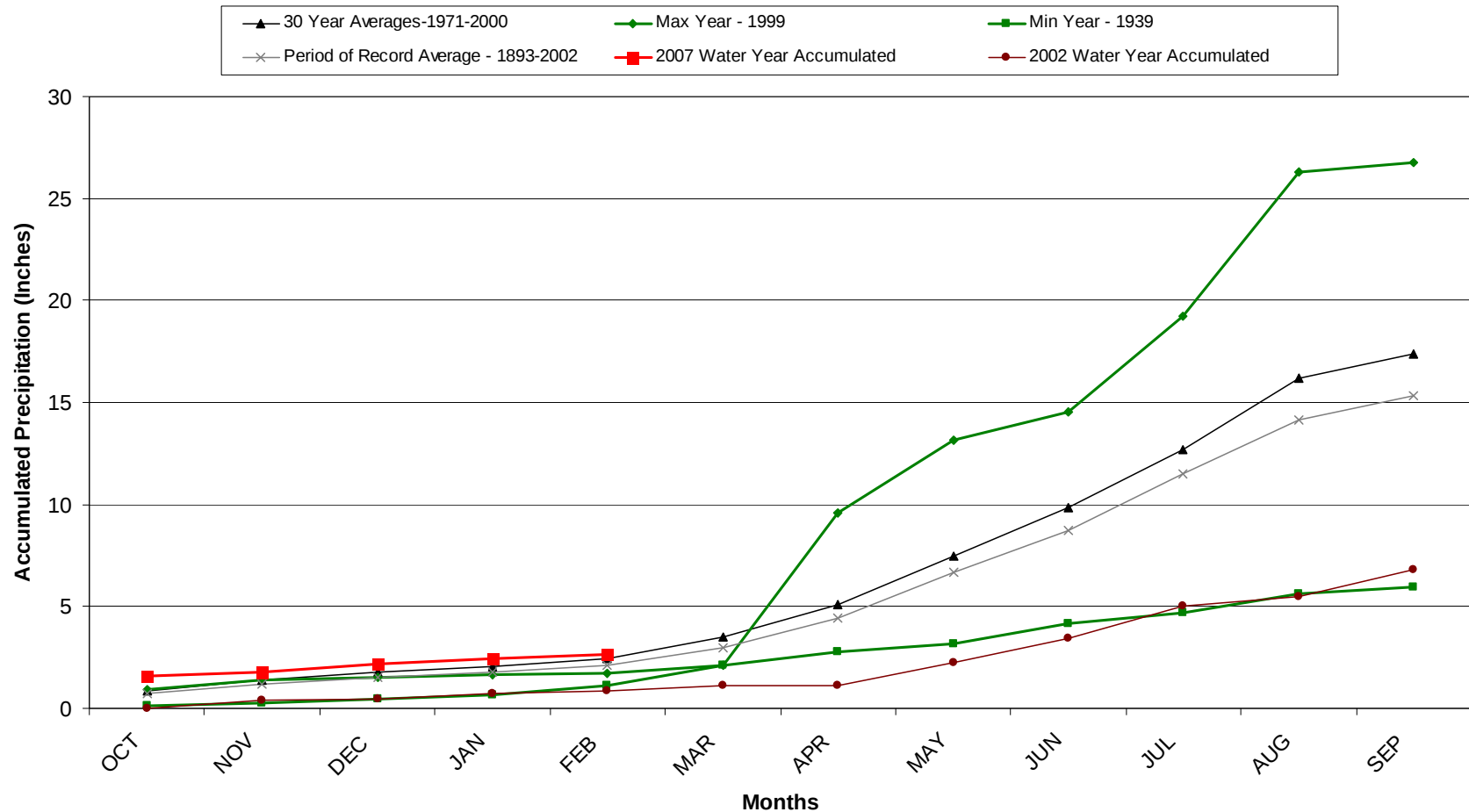
Del Norte 2007 Water Year





Division 5 – Colorado Springs

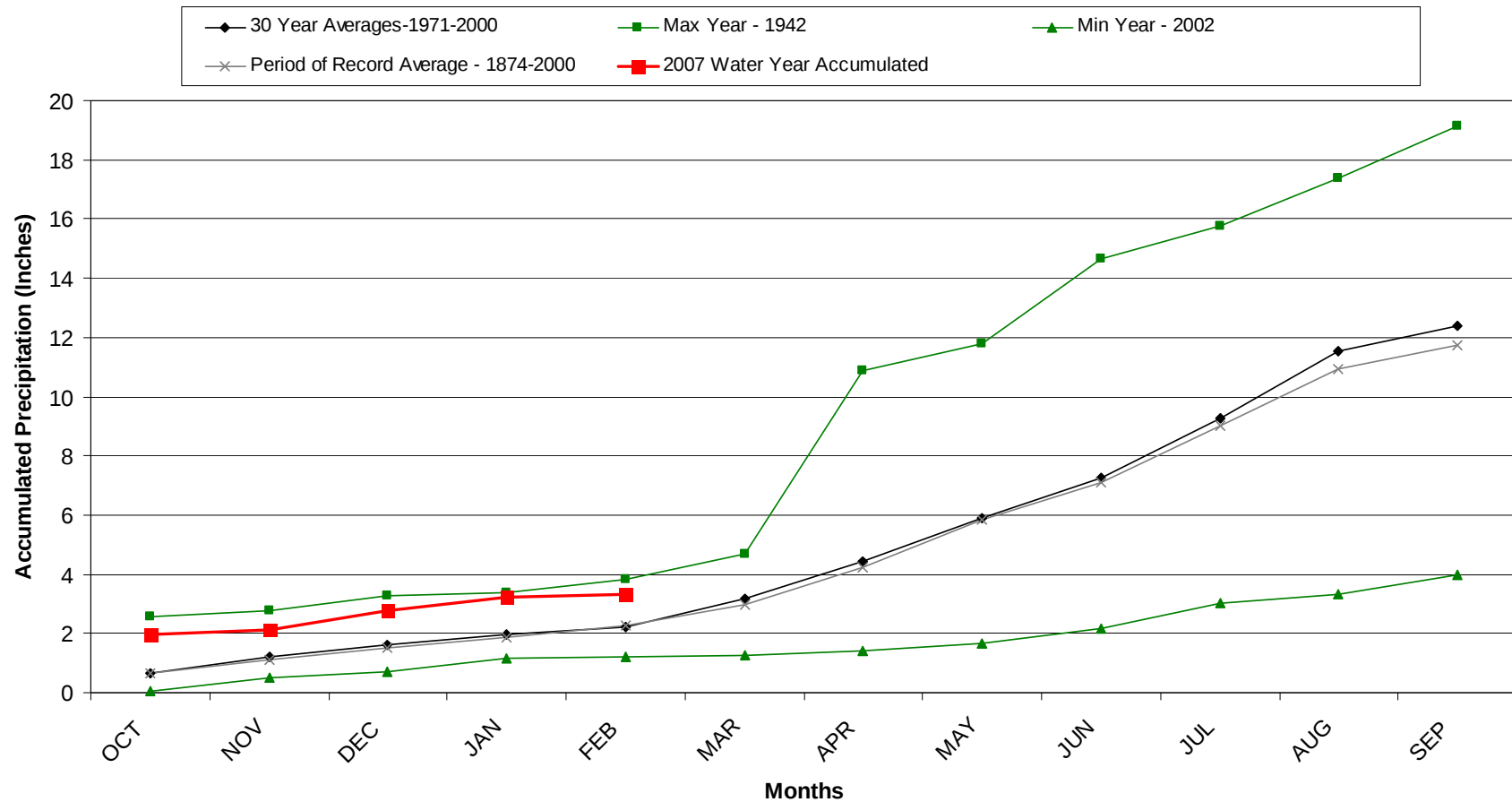
Colorado Springs 2007 Water Year





Division 5 – Pueblo

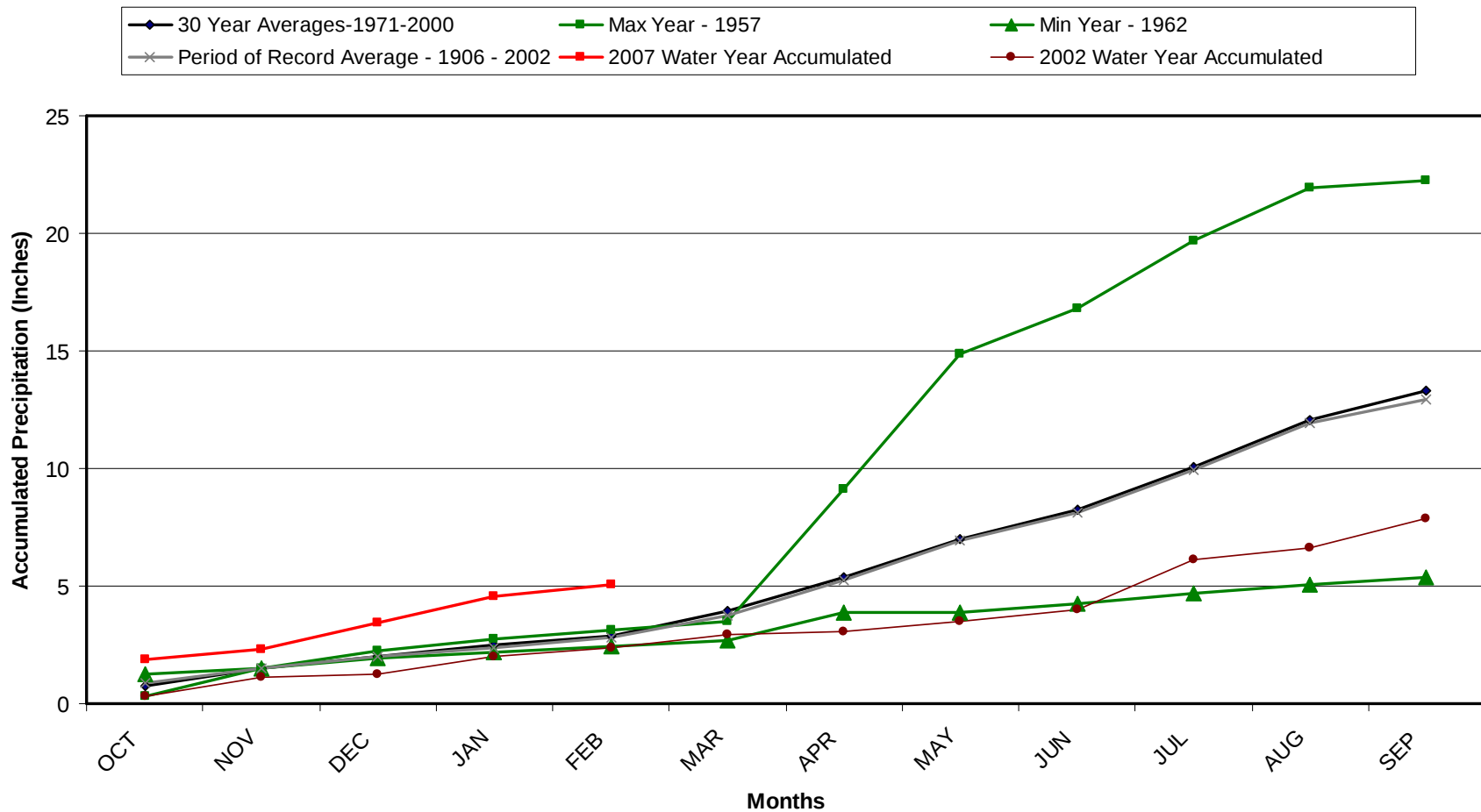
Pueblo WSO 2007 Water Year





Division 5 – Canon City

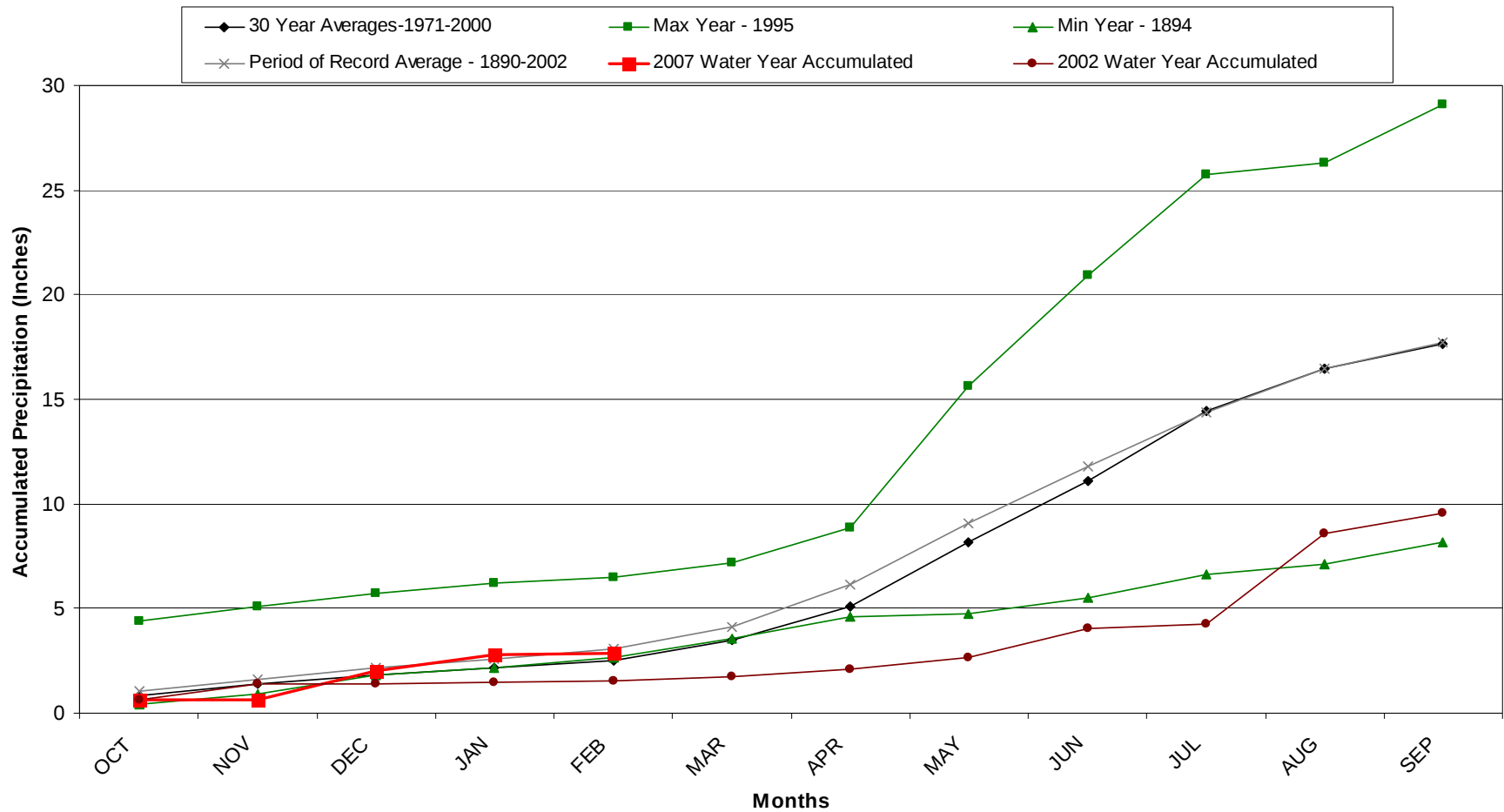
Canon City 2007 Water Year





Division 7 – Leroy

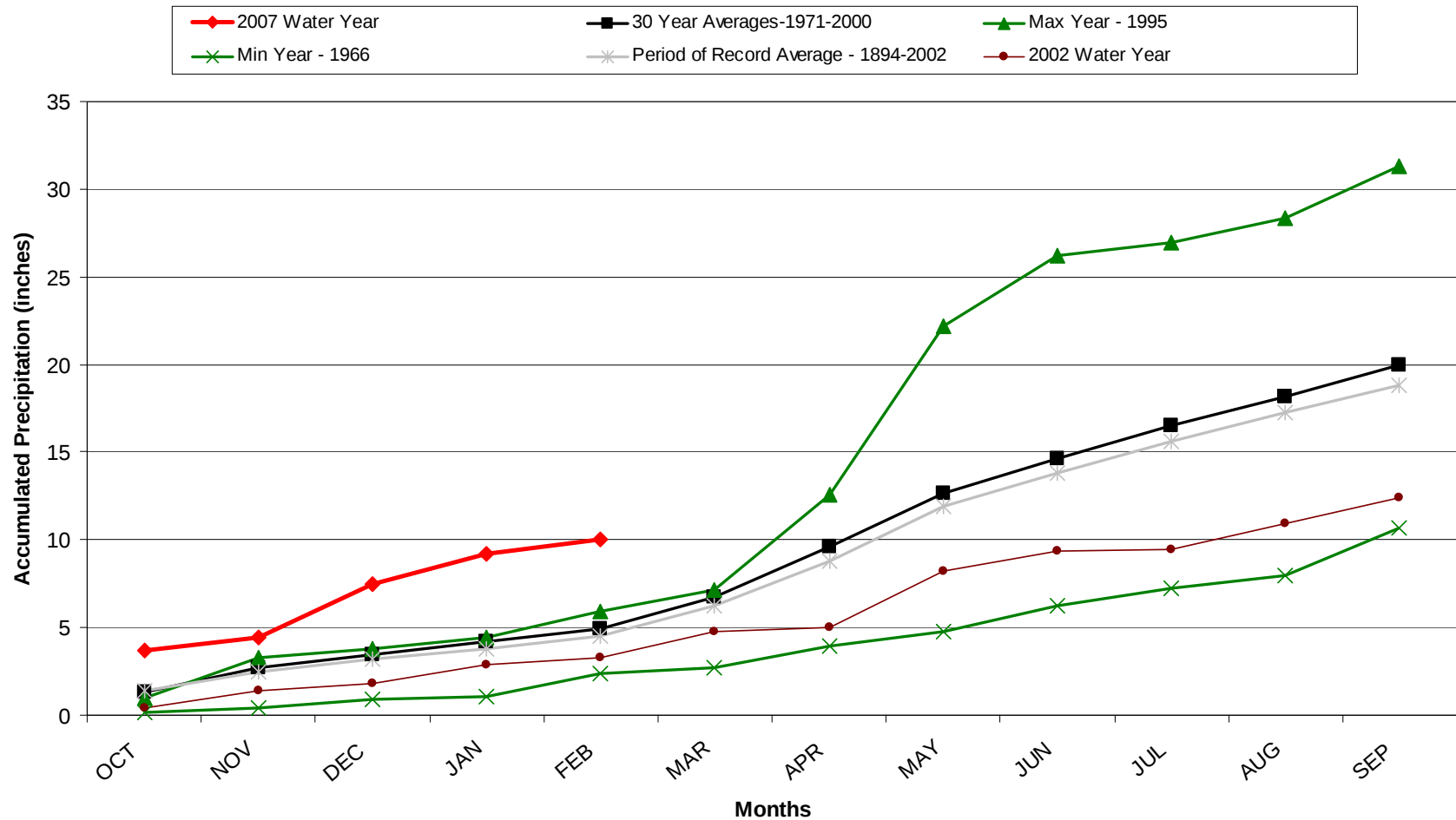
Leroy 5SW 2007 Water Year





Division 8 – Boulder

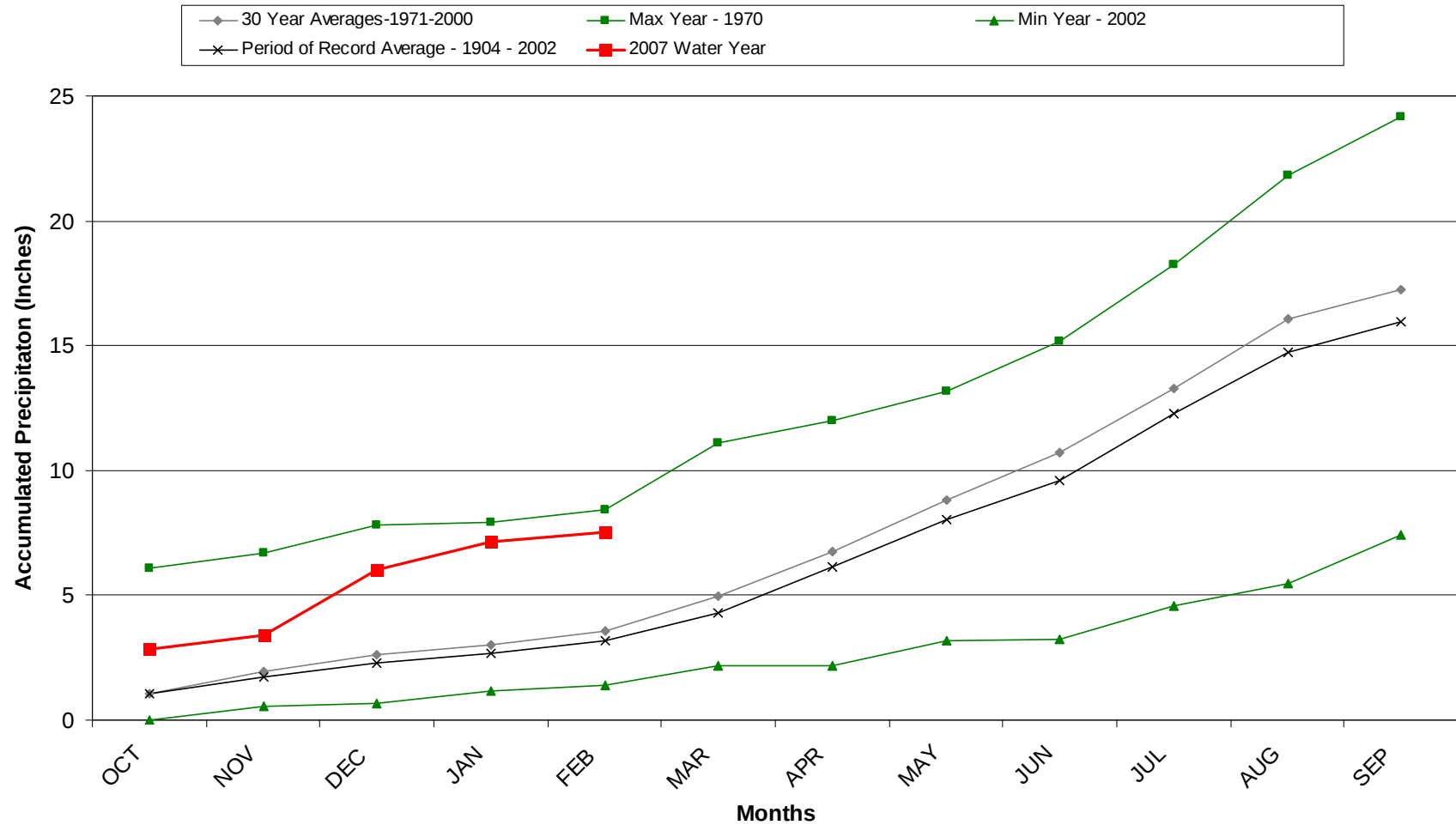
Boulder 2007 Water Year





Division 8 – Cheesman

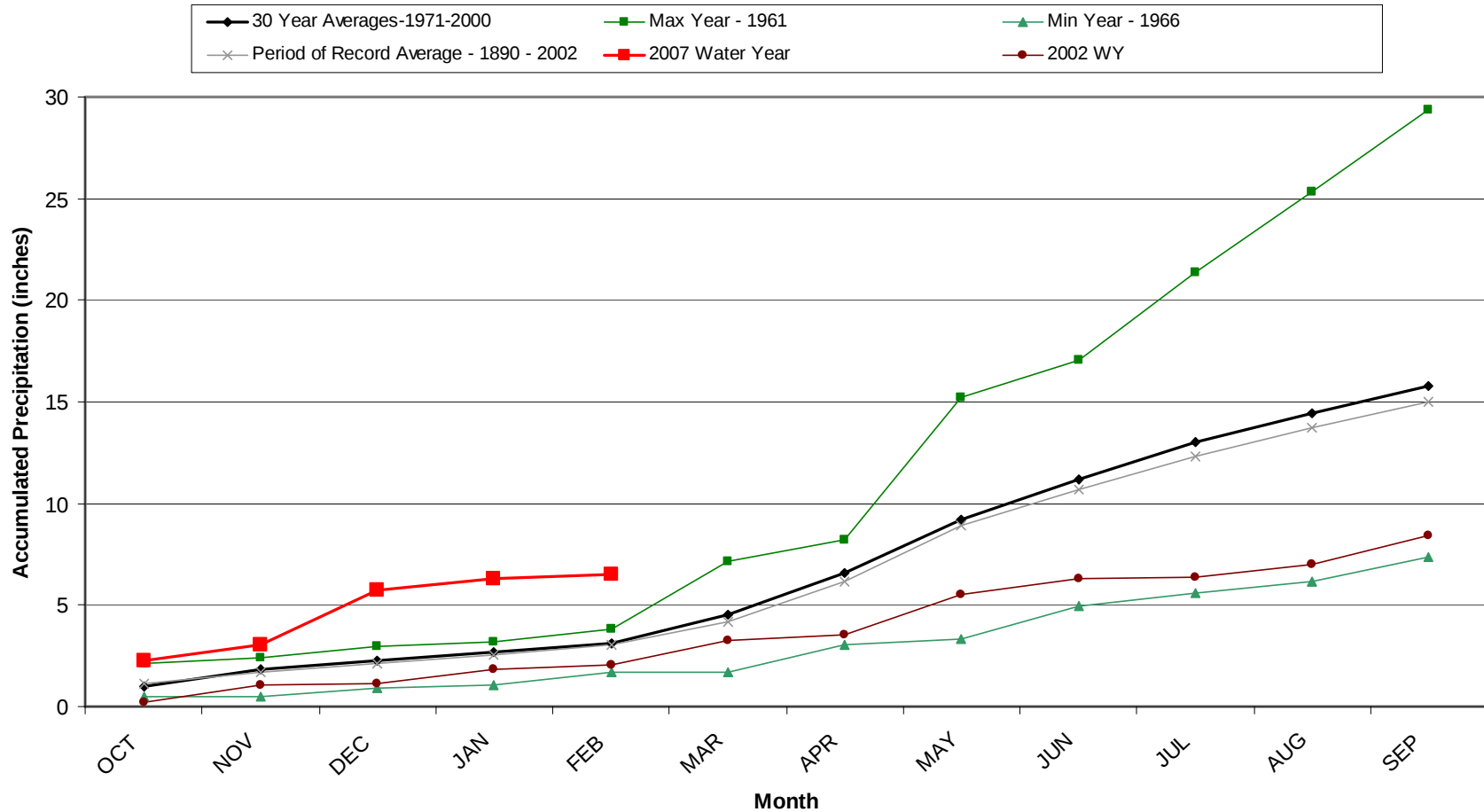
Cheesman 2007 Water Year





Division 8 – Fort Collins

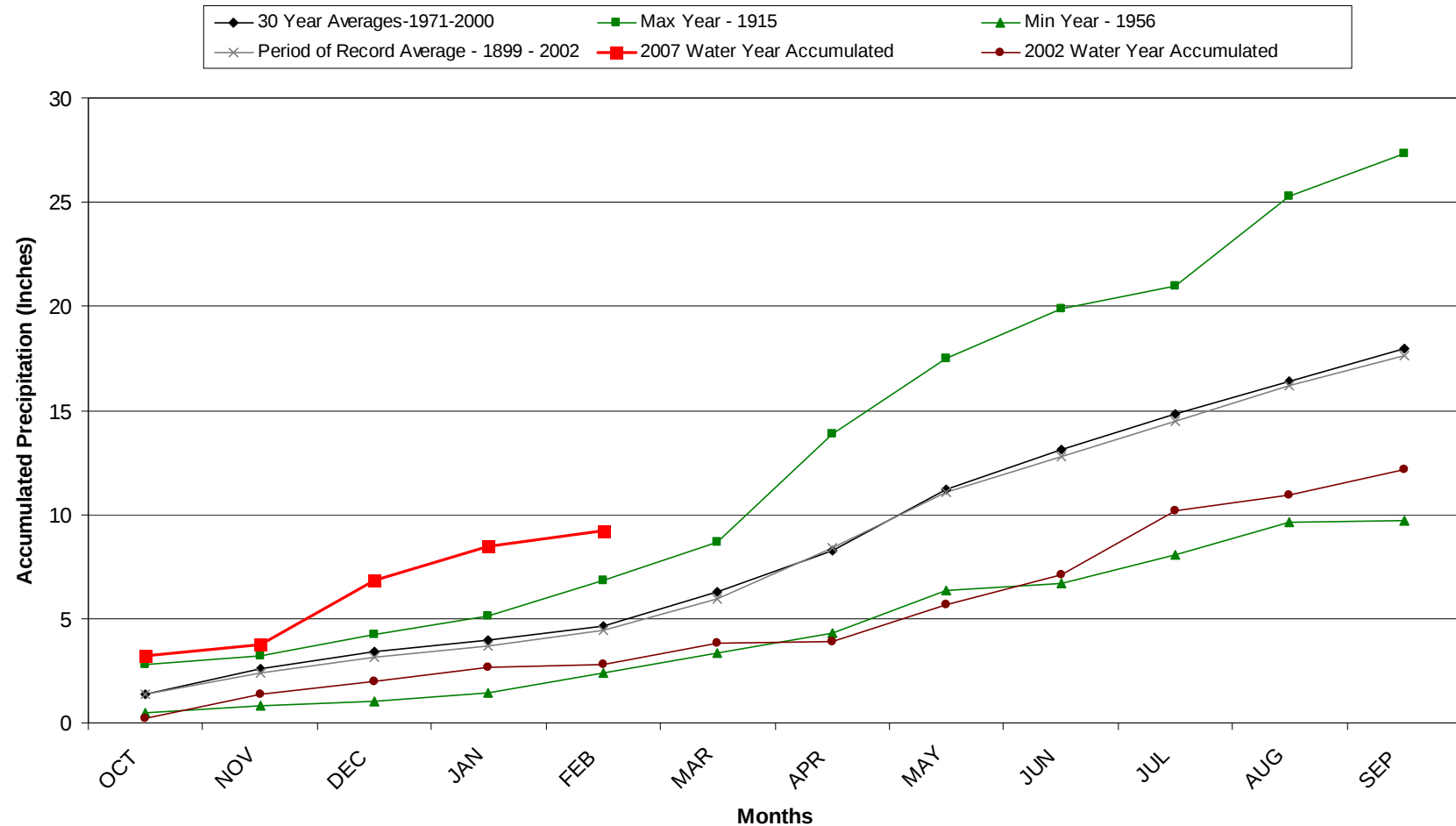
Fort Collins 2007 Water Year



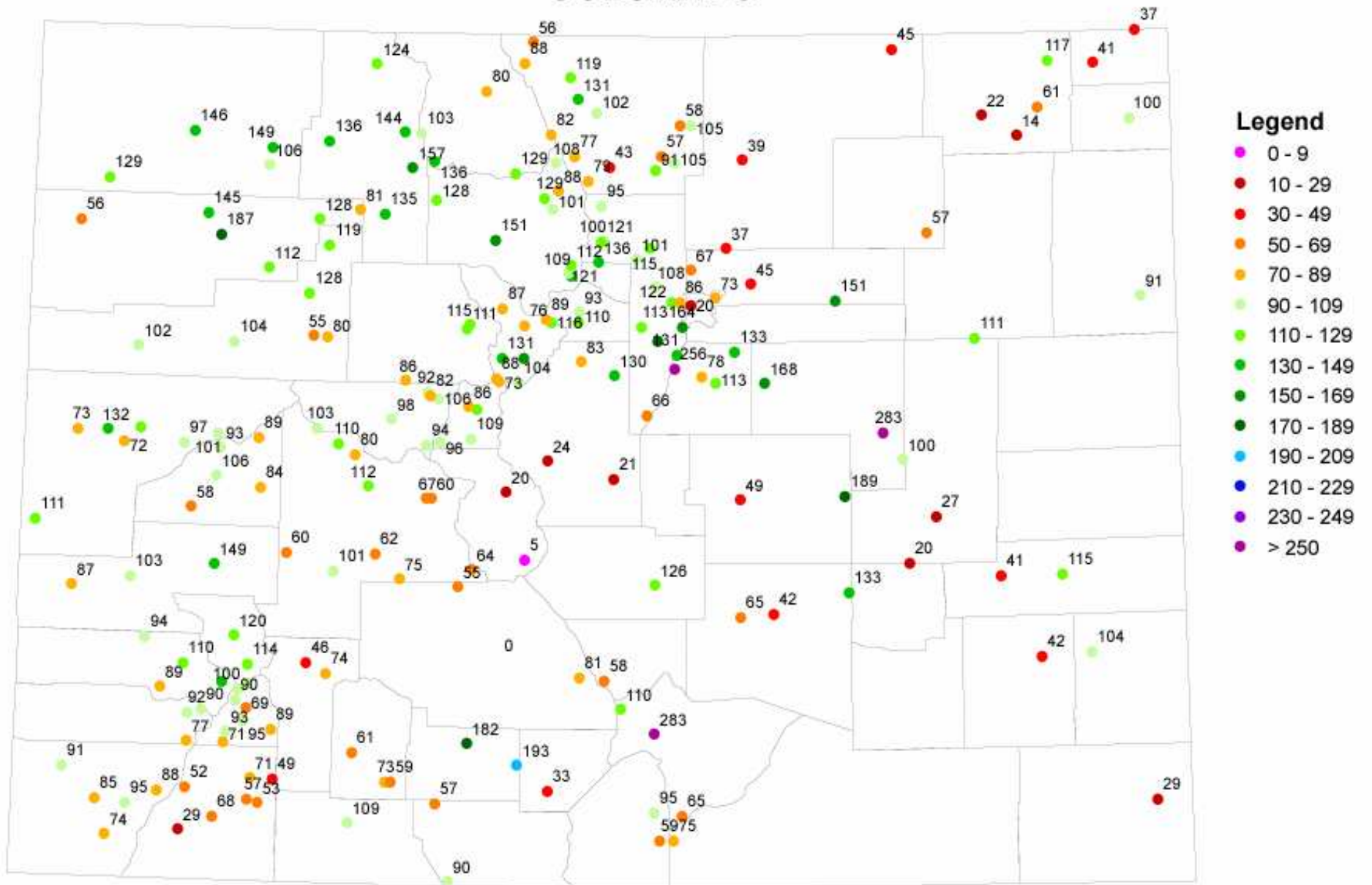


Division 8 – Kassler

Kassler 2007 Water Year

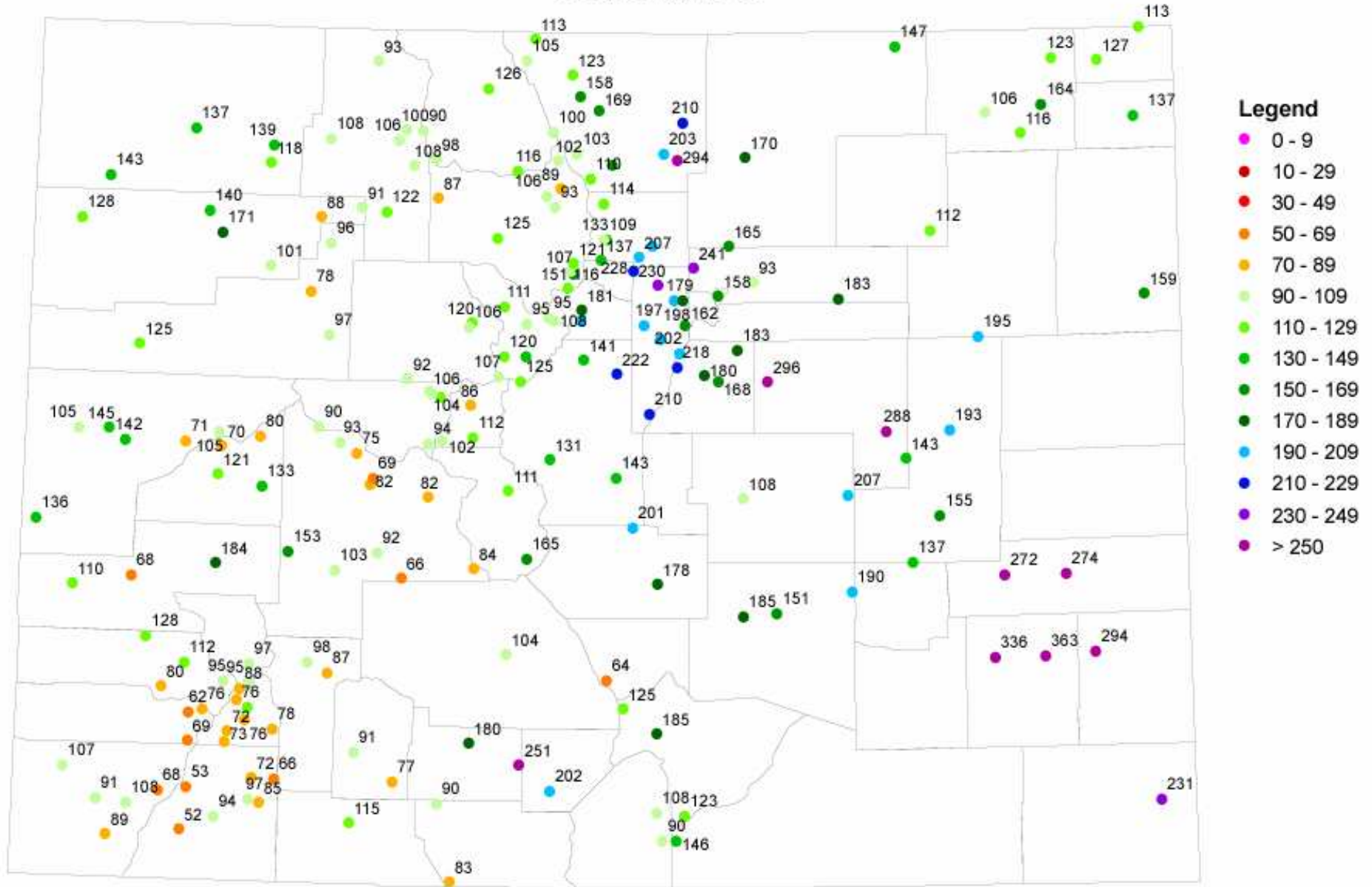


COLORADO



February 2007 Precipitation as a percent of the 1971-2000 average.

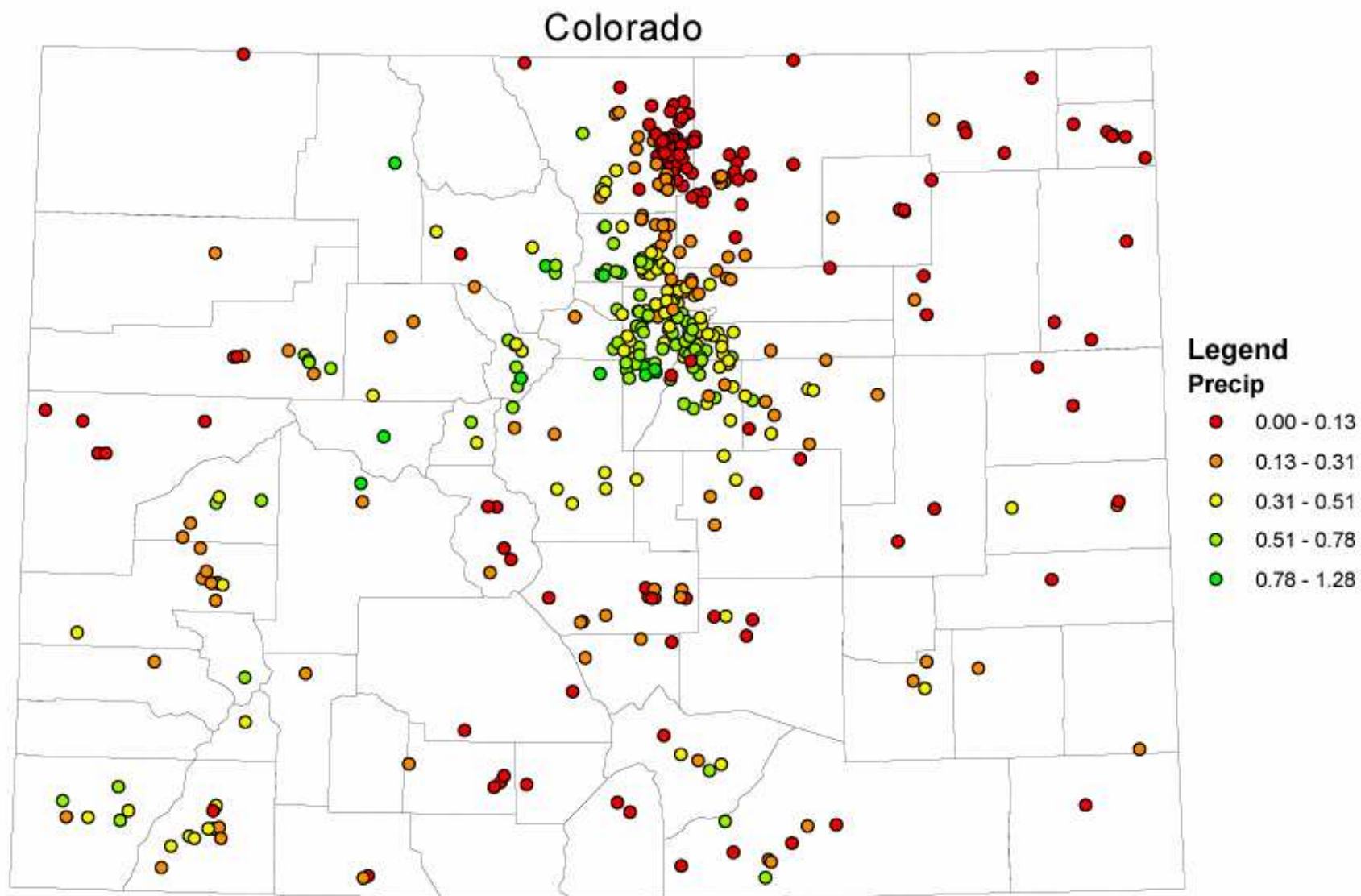
COLORADO



Water Year 2007 Precipitation as a percent of the 1971-2000 average.



CoCoRaHS Stations for March 1-14, 2007 precipitation totals



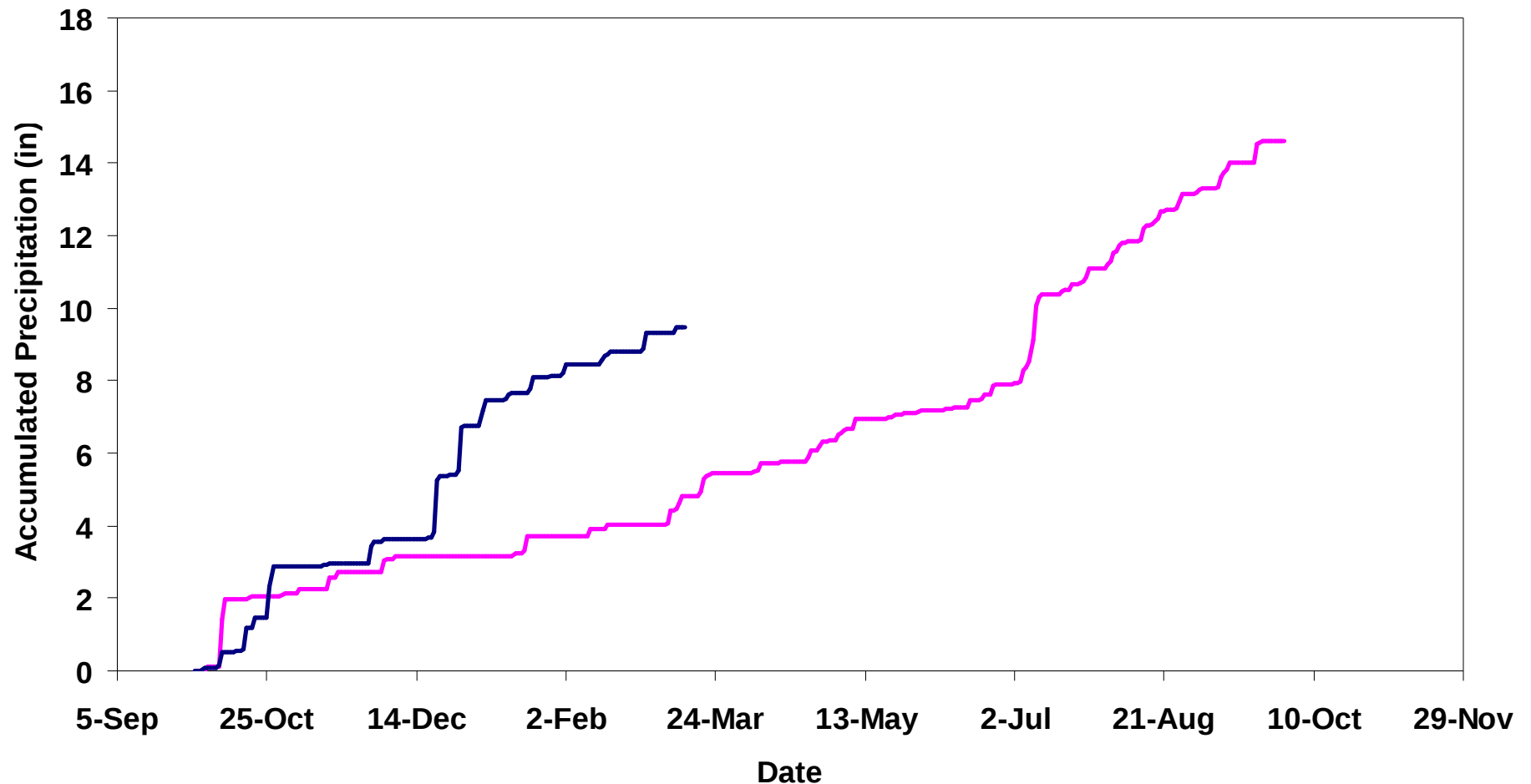
CoCoRaHS March 1-14, 2007 Precipitation Reports



CoCoRaHS Accumulated Precipitation

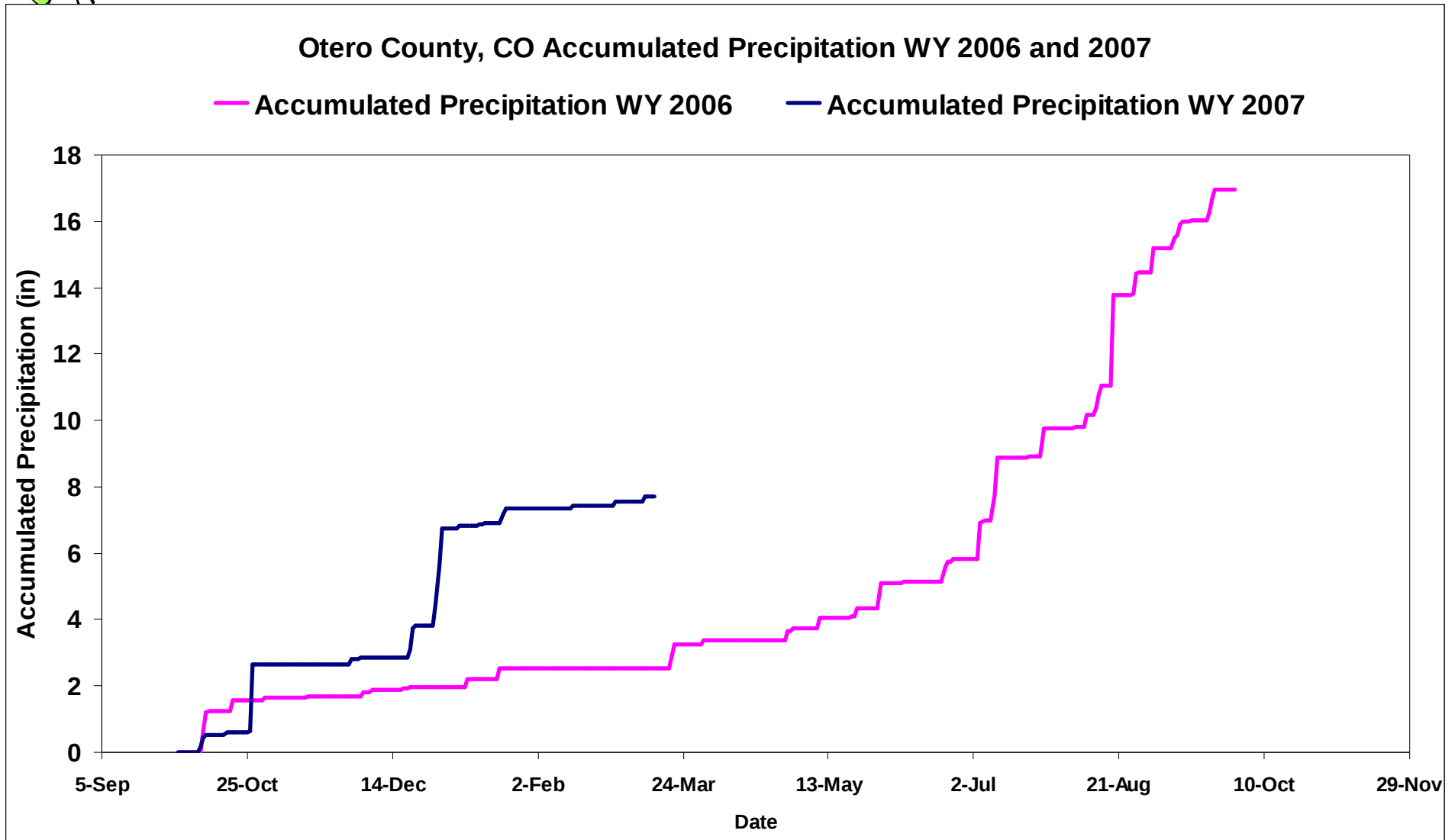
Jefferson County, CO Accumulated Precipitation WY 2006 and 2007

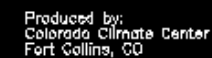
— Accumulated Precipitation WY 2006 — Accumulated Precipitation WY 2007





CoCoRaHS Accumulated Precipitation

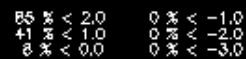






6 Month SPI

2/2007 6 mon. SPI



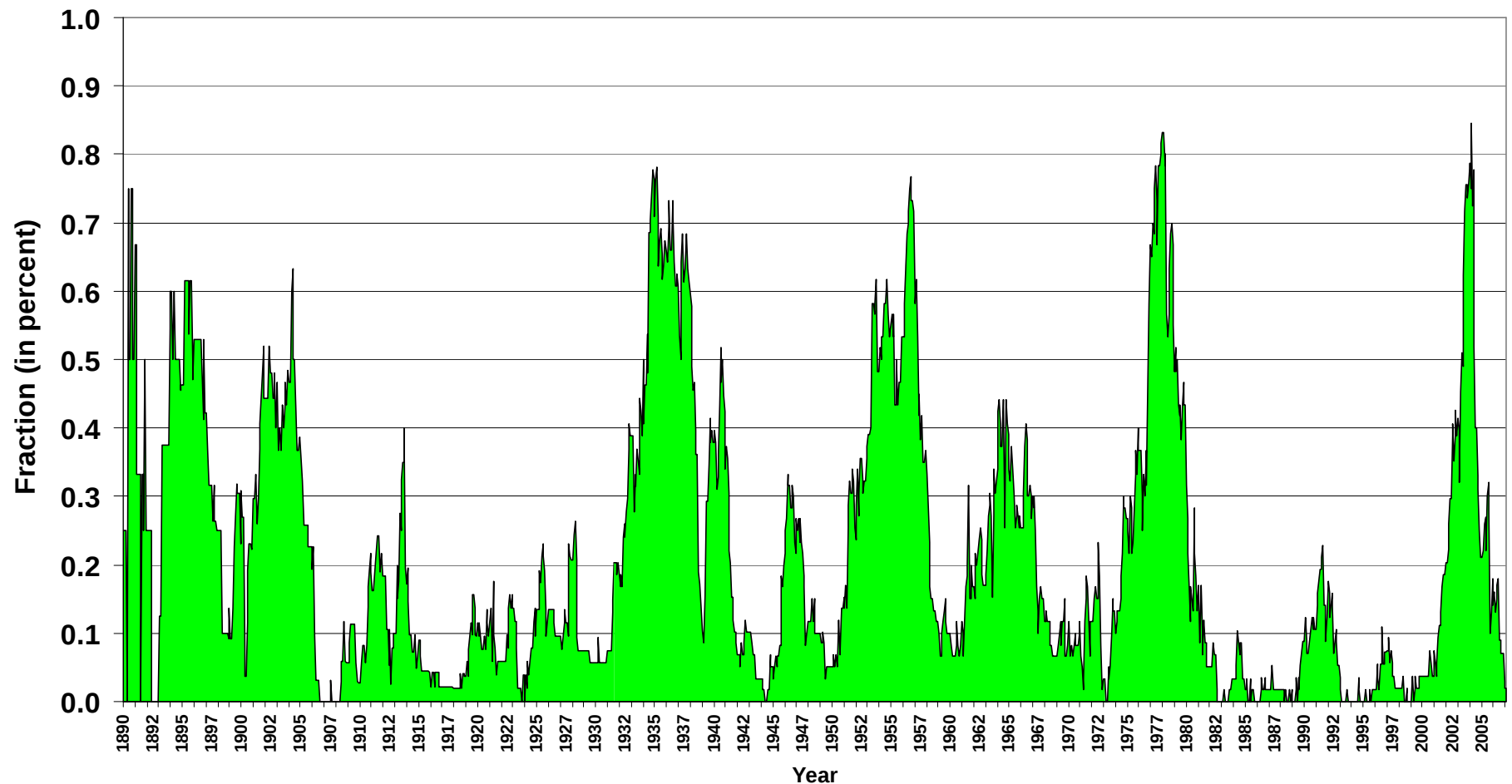
Produced by:
Colorado Climate Center
Fort Collins, CO



Standardized Precipitation Index

Fraction of Colorado in Drought Based on 48 month SPI

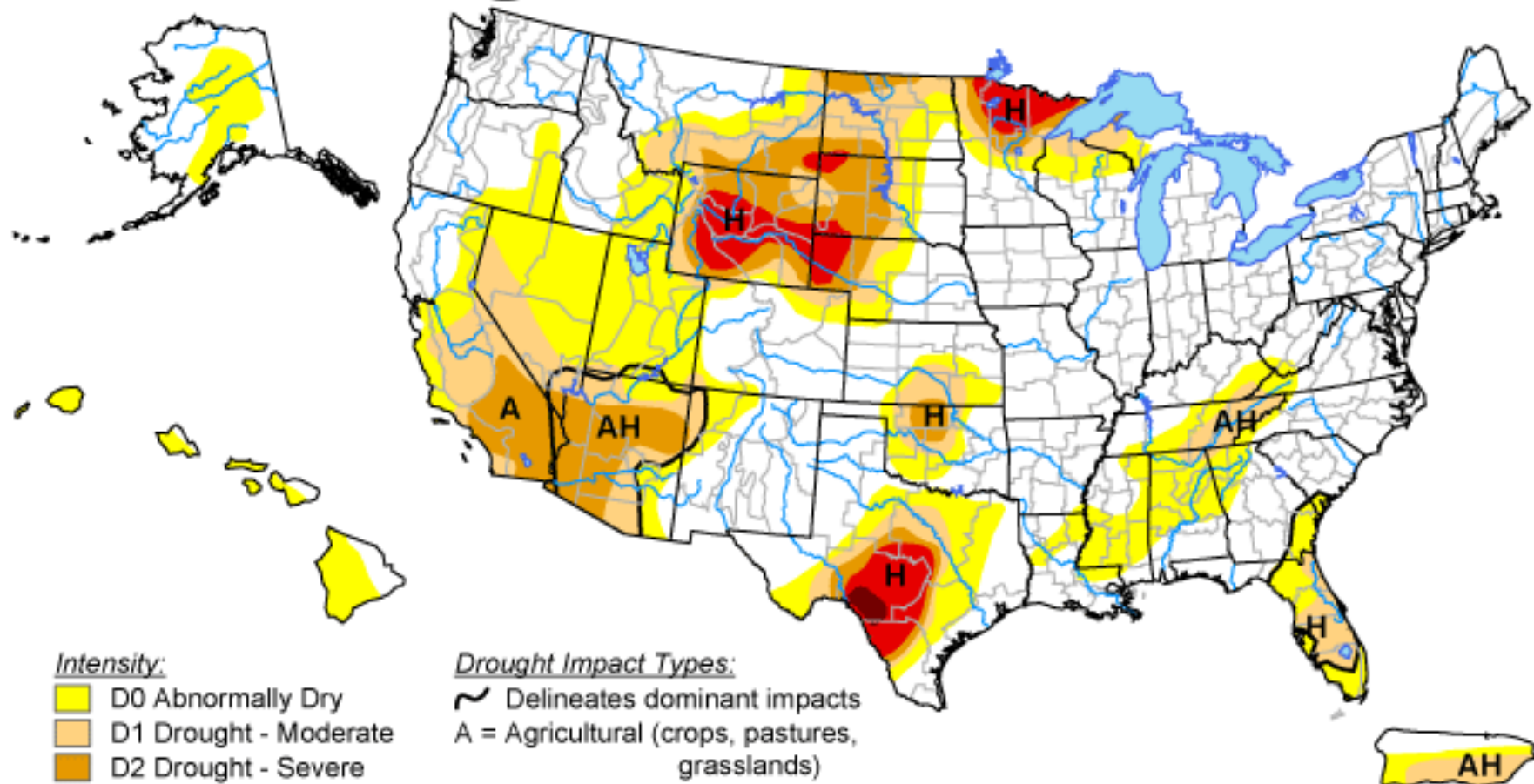
(1890 - Feb 2007)



U.S. Drought Monitor

March 6, 2007

Valid 7 a.m. EST



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

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



Released Thursday, March 8, 2007

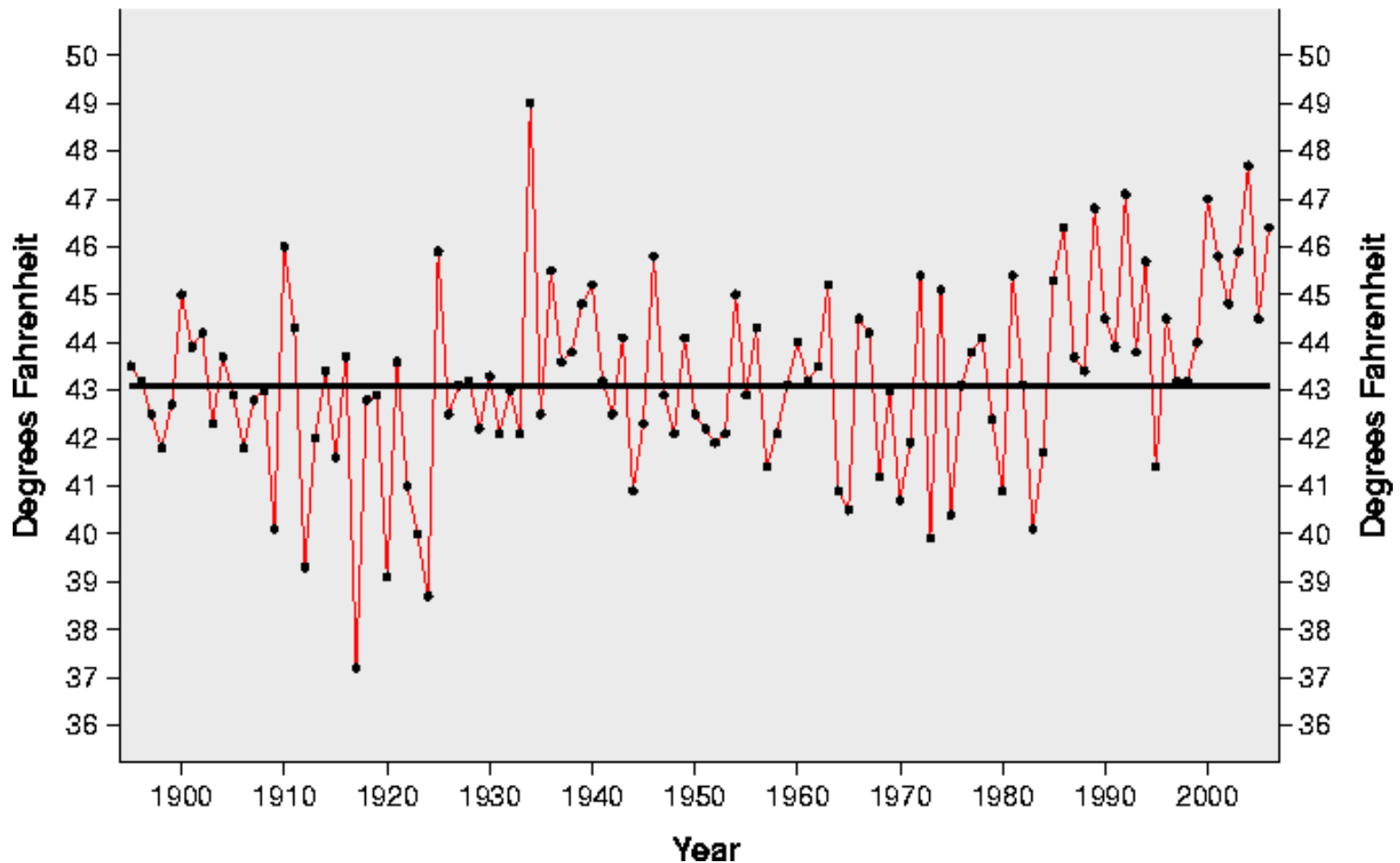
Author: Douglas Le Comte, CPC/NOAA



Spring (Mar-May) Average Temperatures for Colorado

— Actual Temperature
— Average Temperature

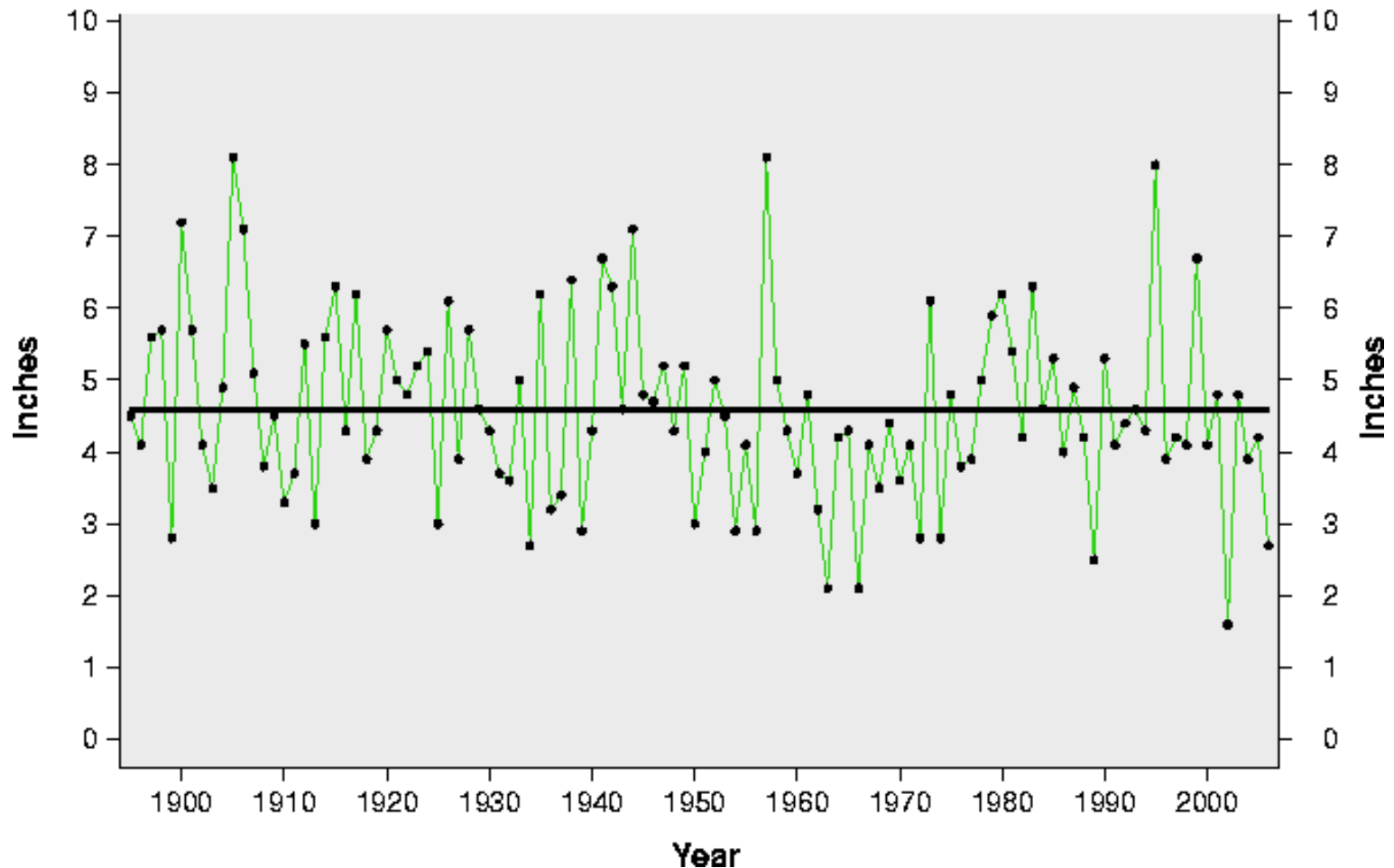
Period of Record 1895-2006

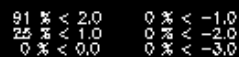




Spring (Mar-May) Precipitation for Colorado (1895-2006)

— Actual Precipitation
— Average Precipitation





Produced by:
Colorado Climate Center
Fort Collins, CO



Colorado Climate Center

Data and Power Point Presentations available for downloading

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

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

