

Climate Update

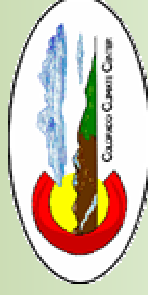
July 2006 Meeting

Nolan Doesken, State Climatologist
Colorado Climate Center

presented at the Water Availability Task Force, DOW,
Denver, CO, July 20, 2006

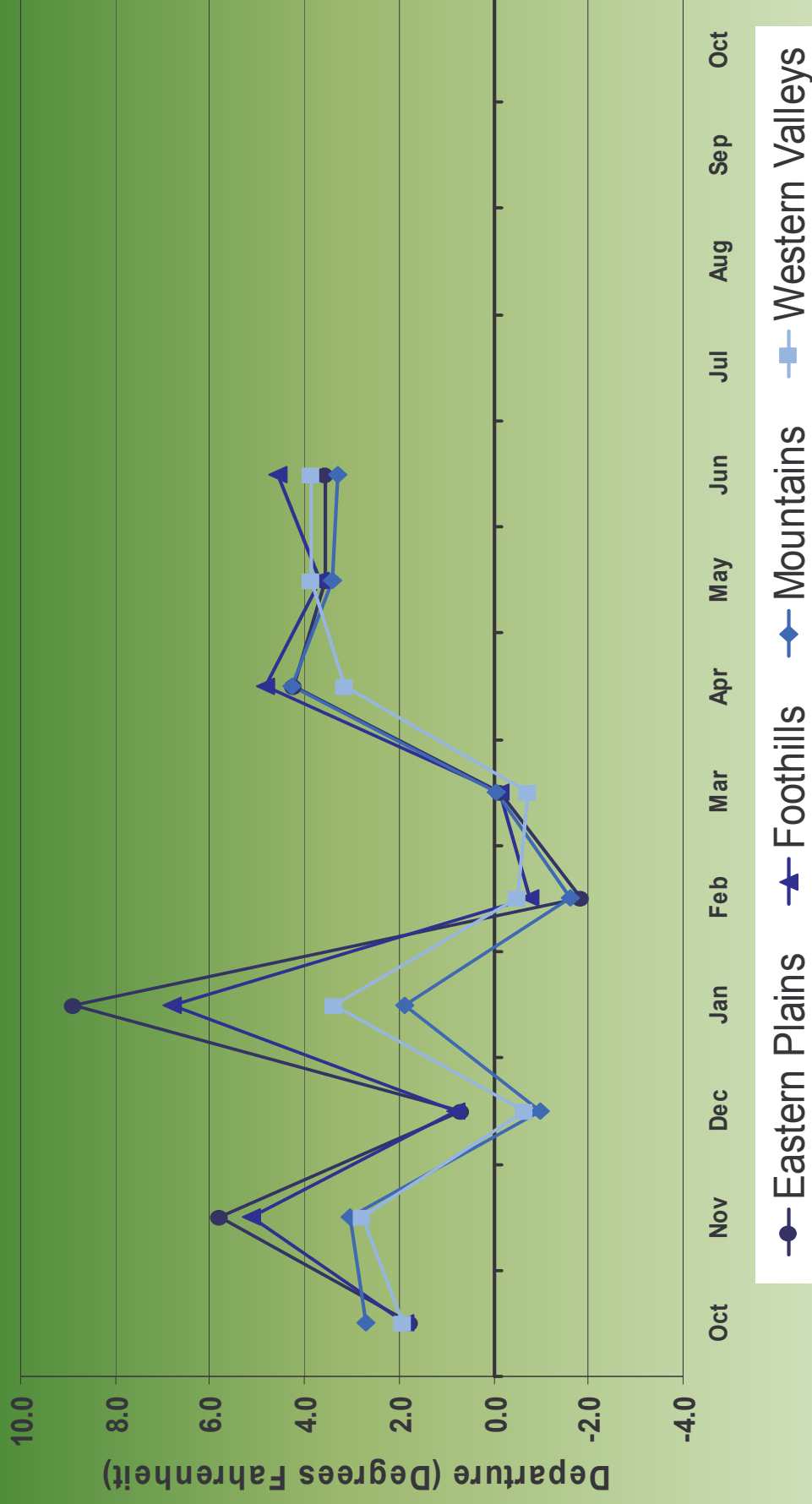
Prepared by Odie Bliss

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

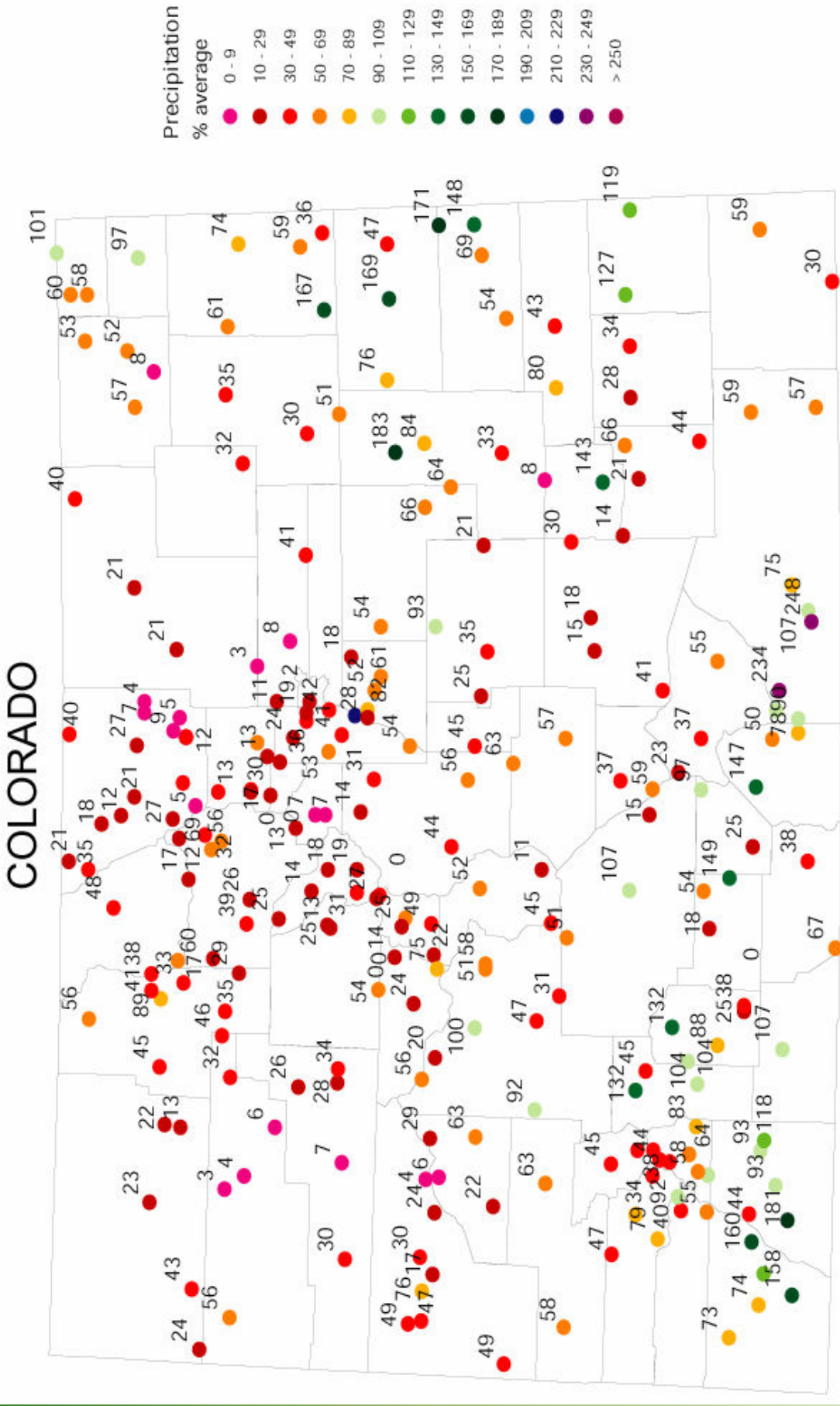


Temperature Departures

Water Year 2006



June 2006 precipitation

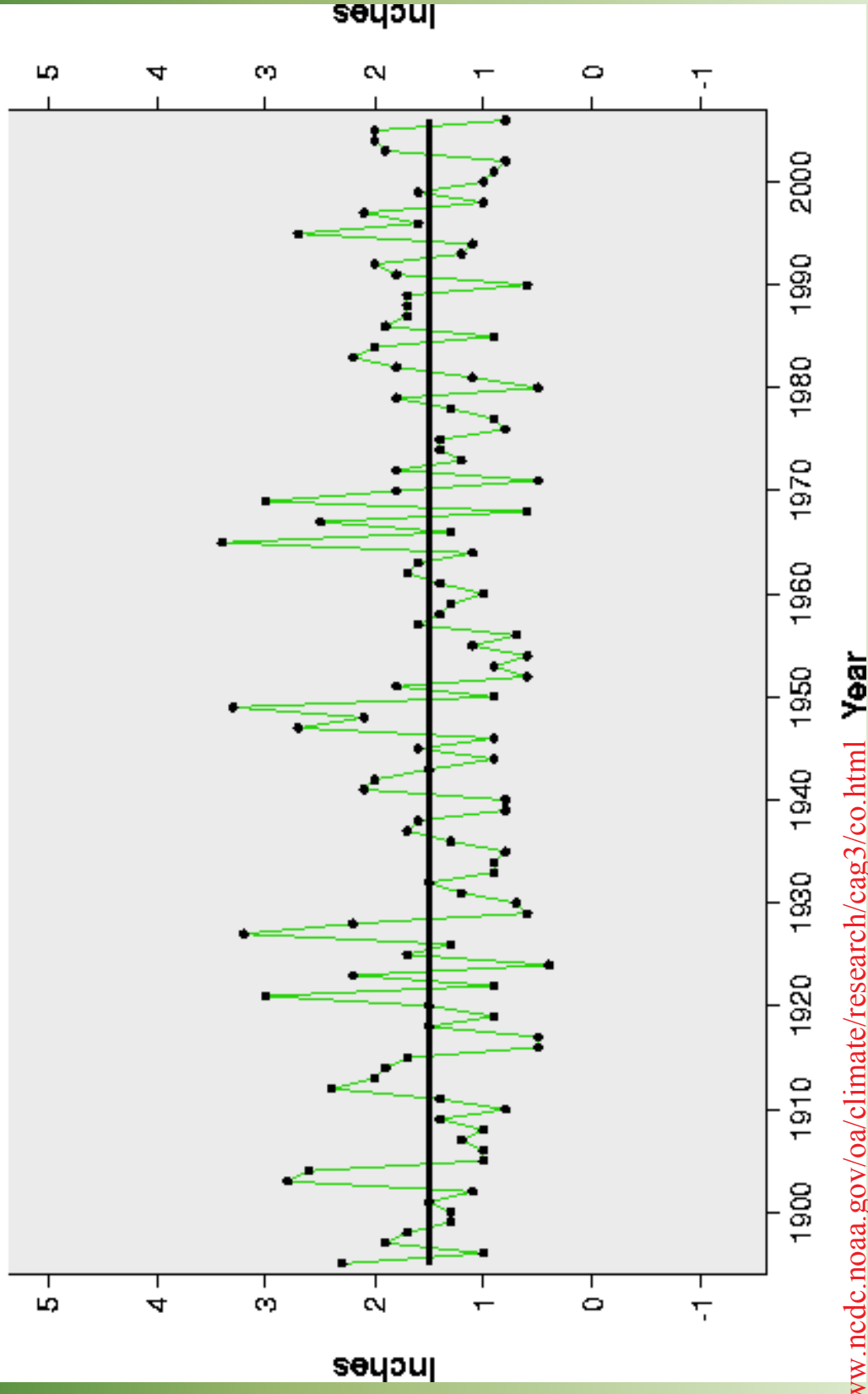


June 2006 precipitation as a percent of the 1971-2000 average.

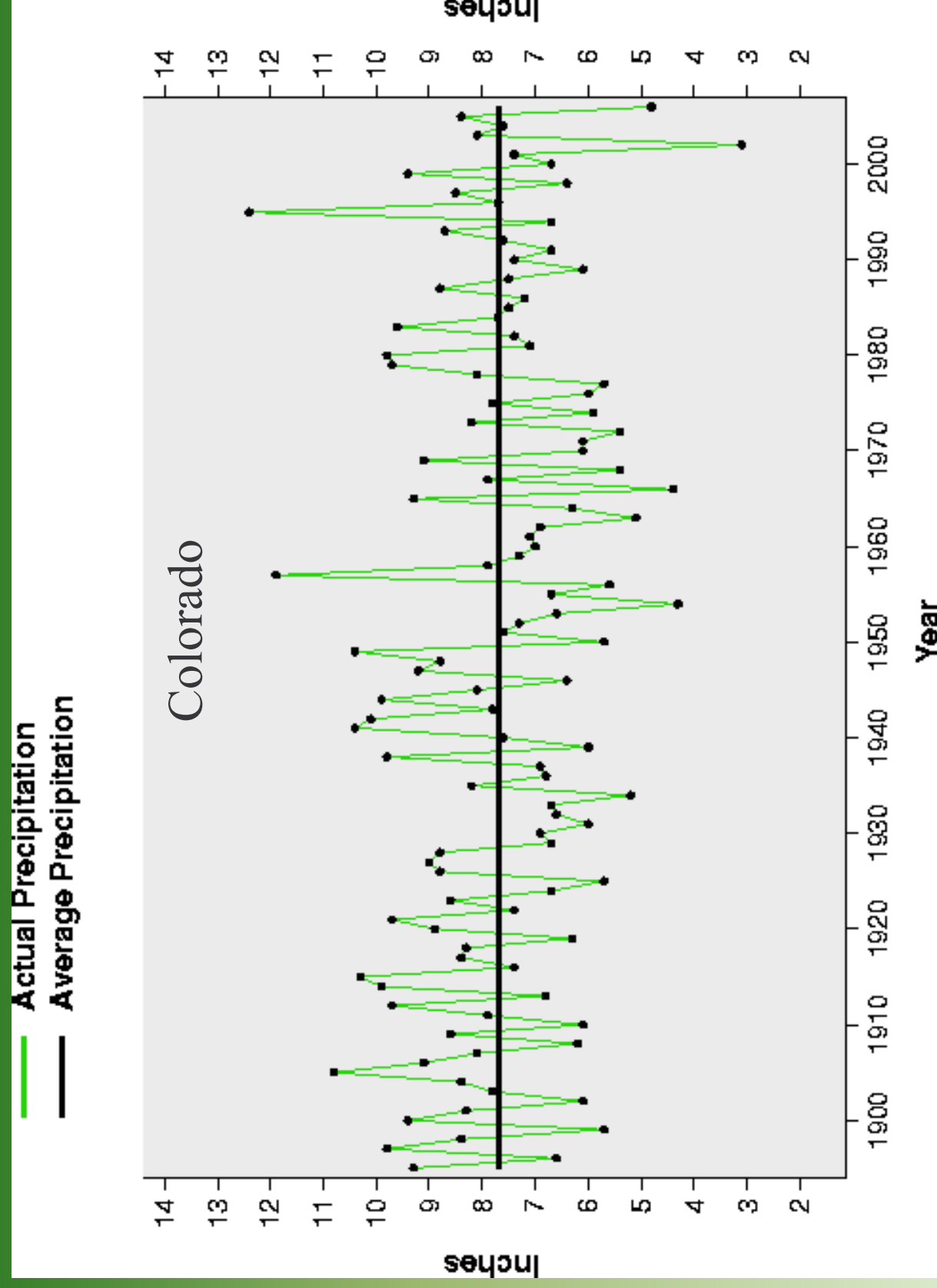
Colorado Total Precipitation

— Actual Precipitation
— Average Precipitation

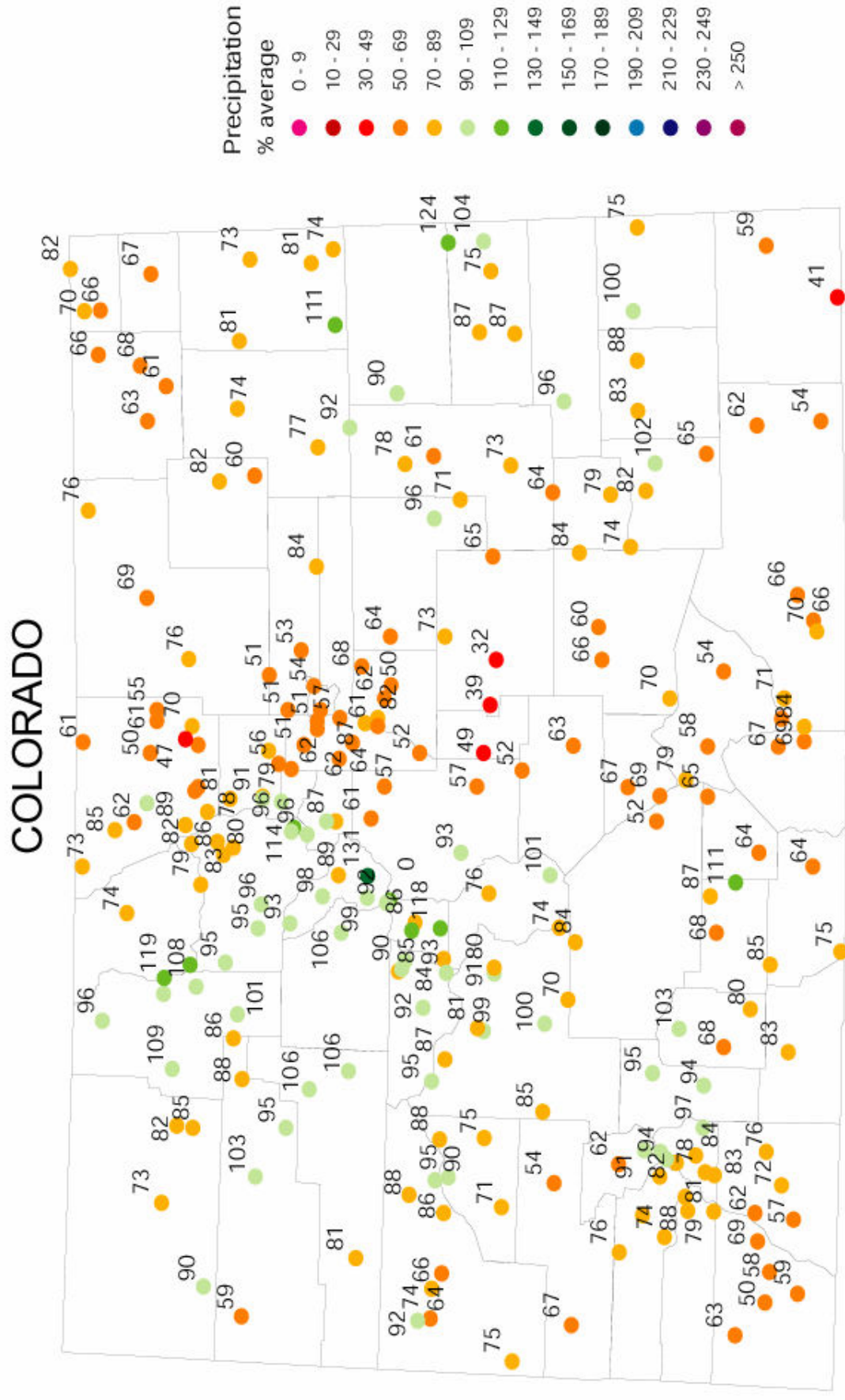
June 2006 Rank 13th Driest



Colorado 6-Month Period (Jan - Jun)

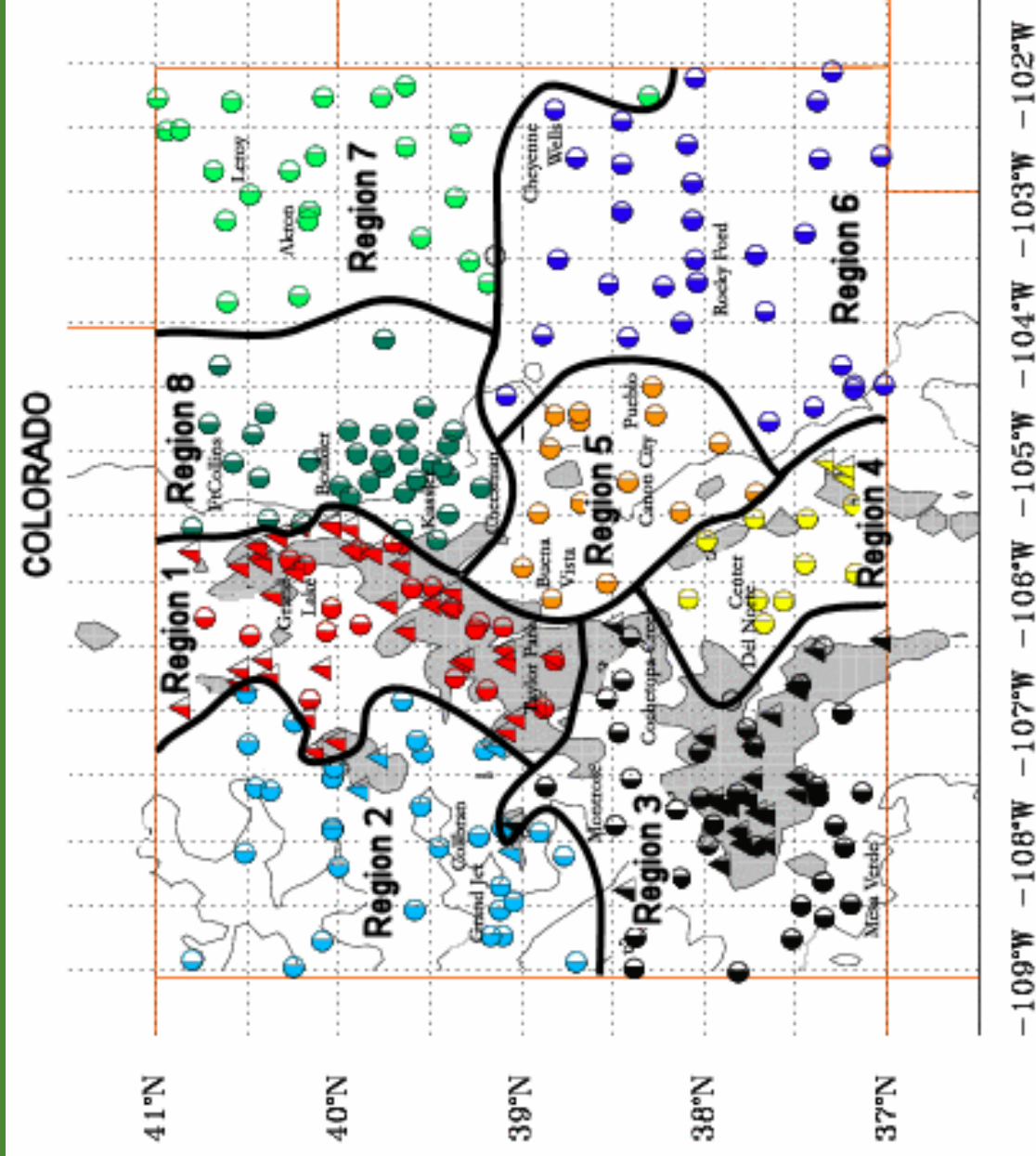


Water Year 2006 precipitation



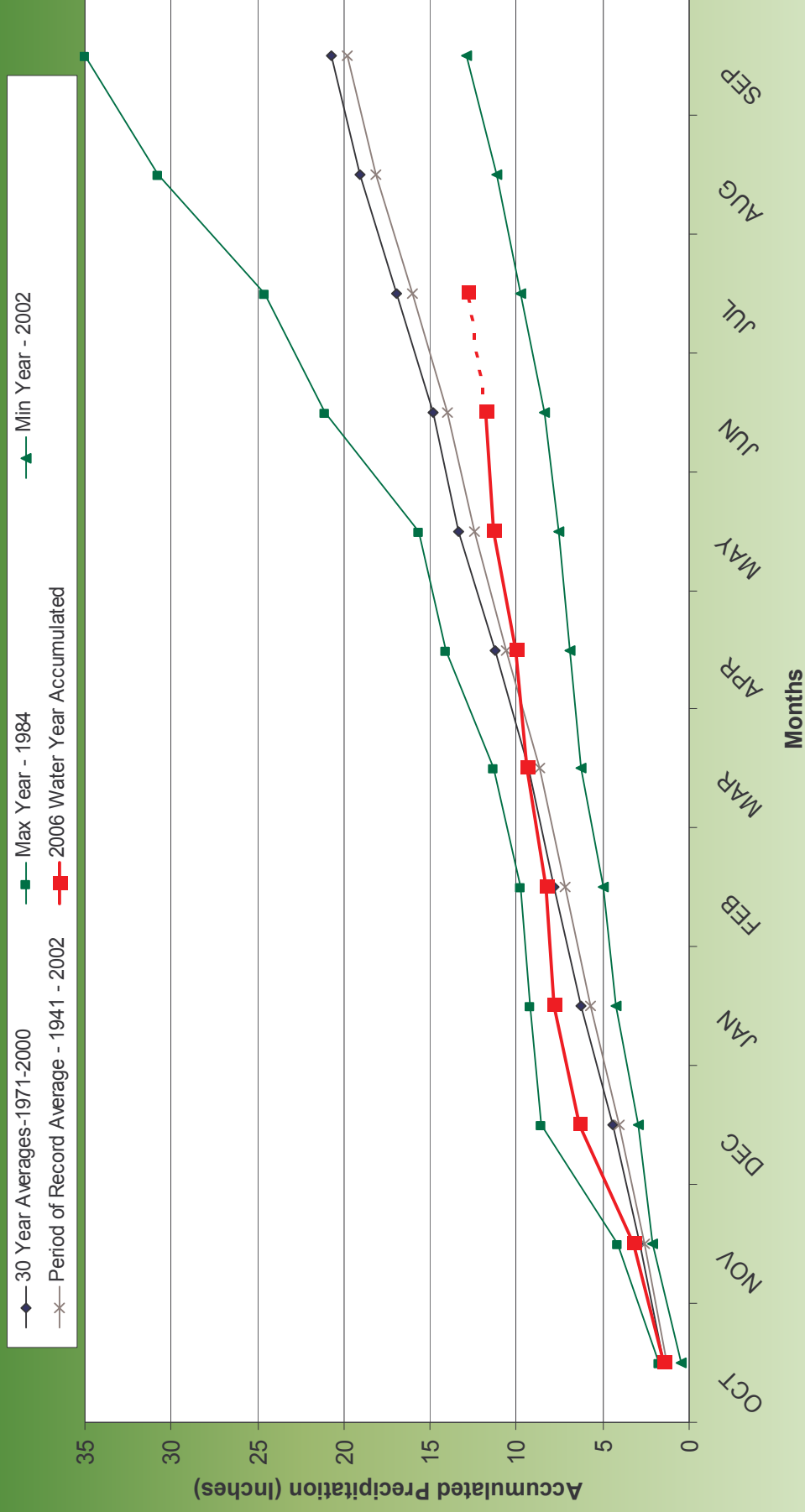
Water Year 2006 (October 2005 through June 2006) precipitation as a percent of the 1971-2000 average.

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



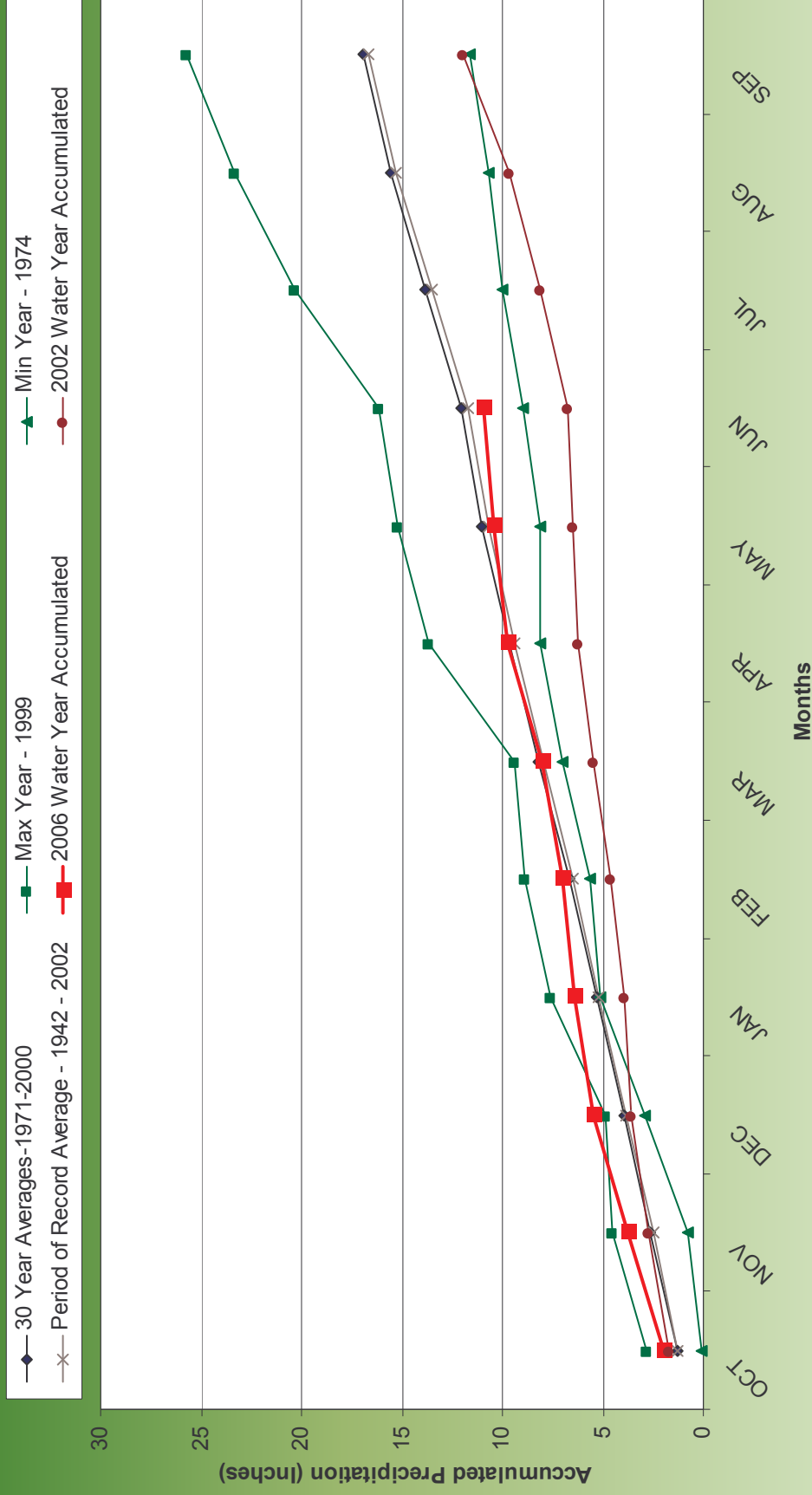
Division 1– Grand Lake 1NW

Grand Lake 1 NW 2006 Water Year



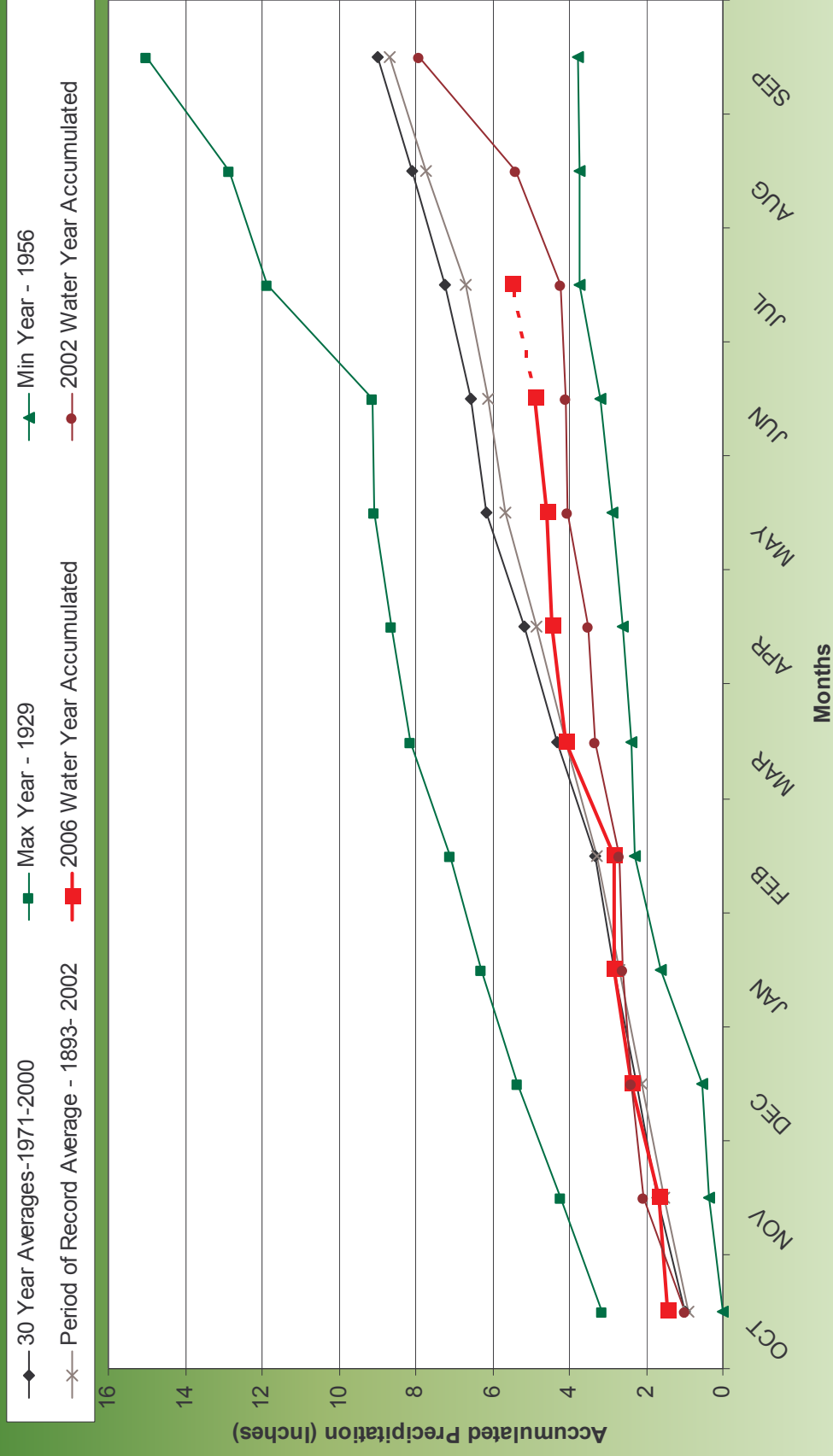
Division 1 – Taylor Park

Taylor Park 2006 Water Year



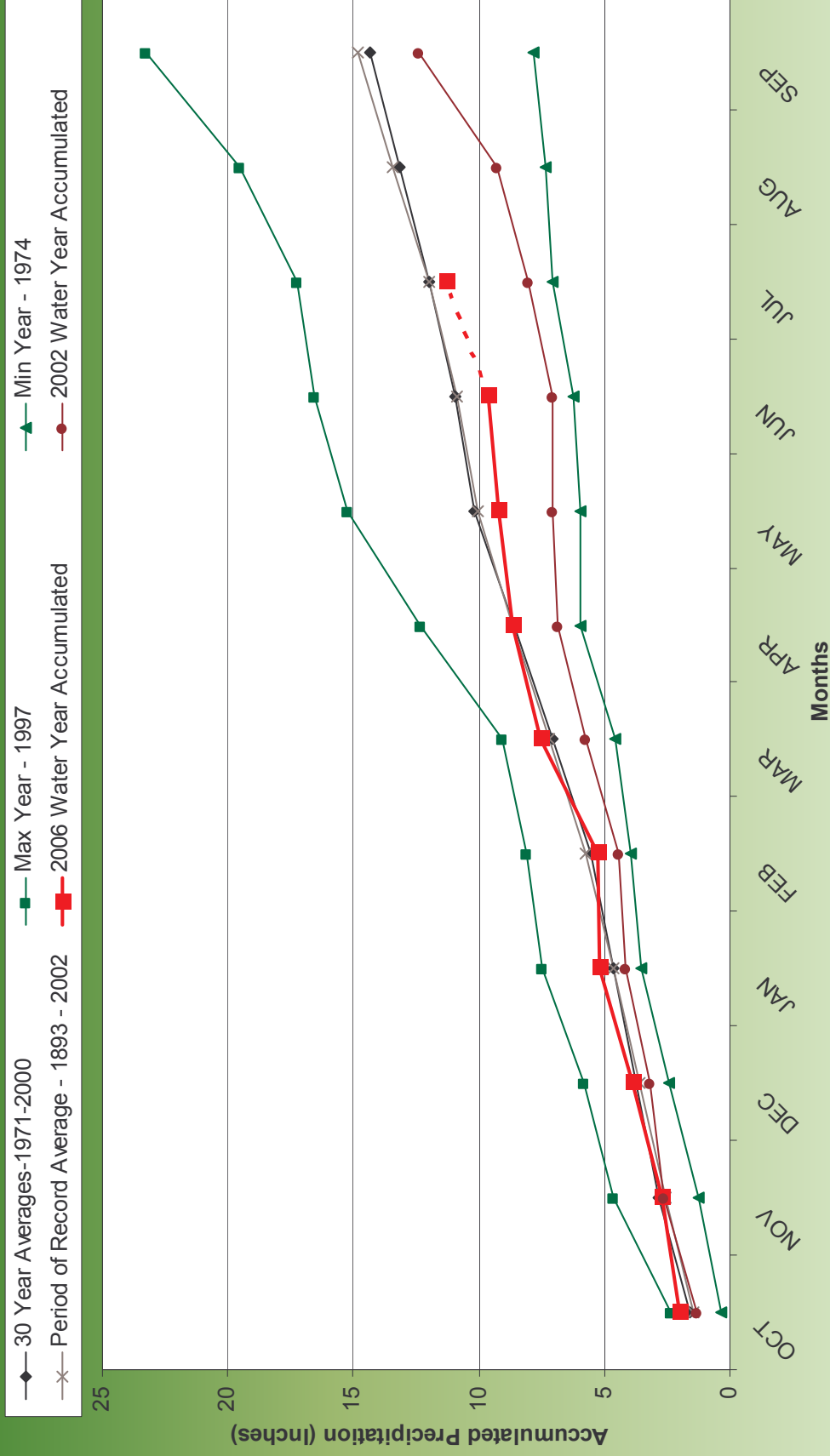
Division 2 – Grand Junction

Grand Junction WSFO 2006 Water Year



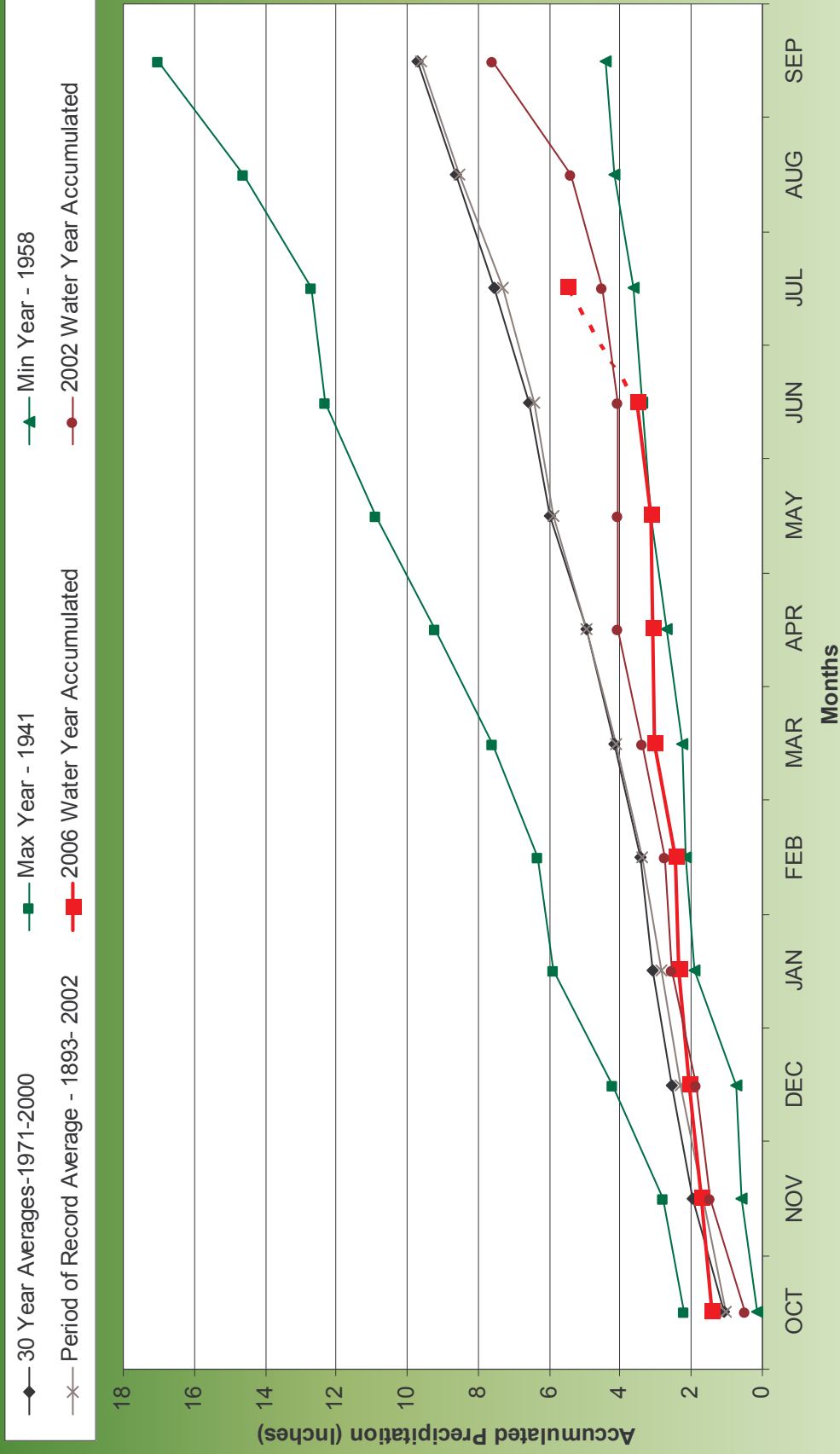
Division 2 – Collbran

Collbran 2SW 2006 Water Year



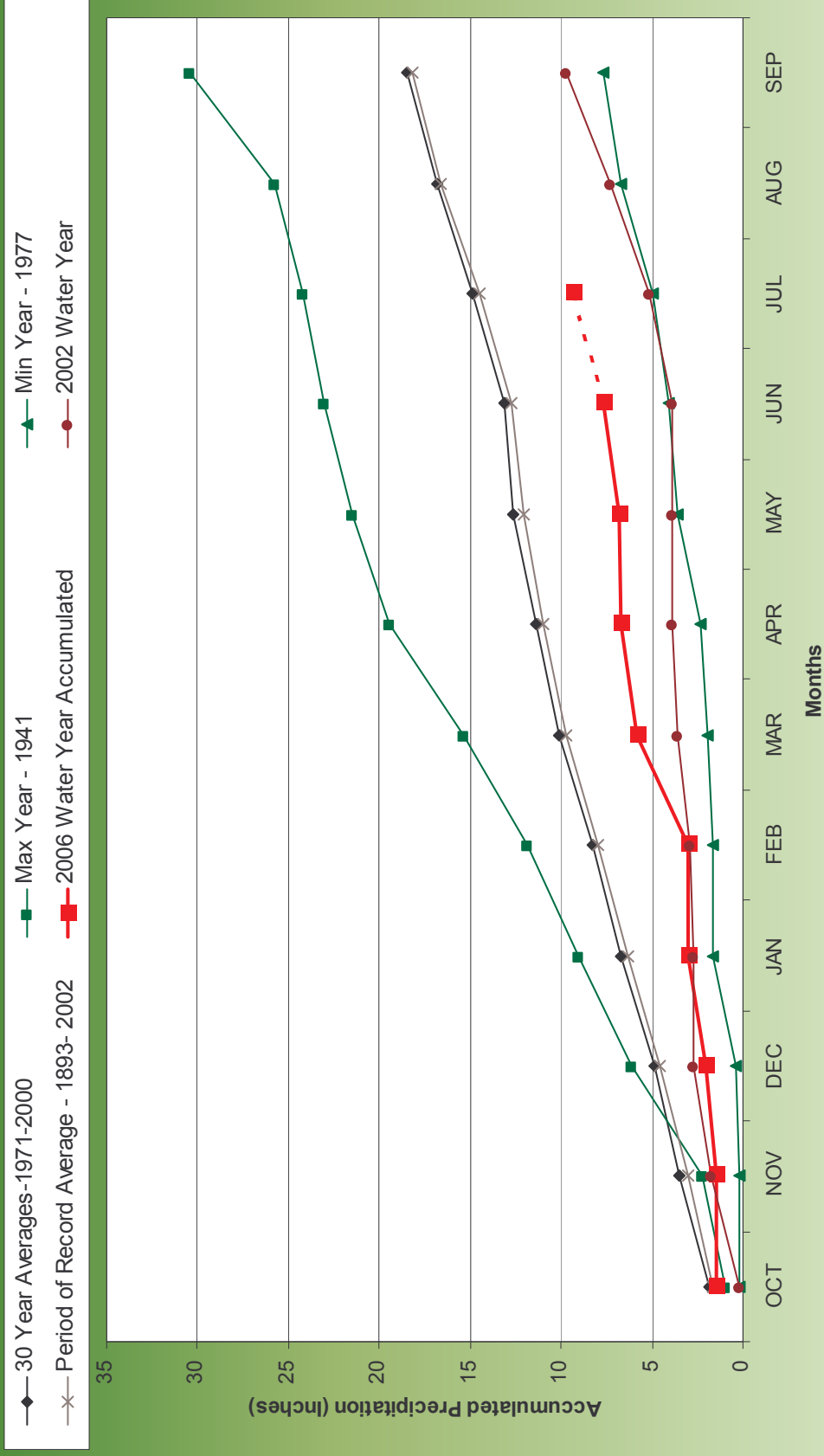
Division 3 – Montrose

Montrose #2 2006 Water Year



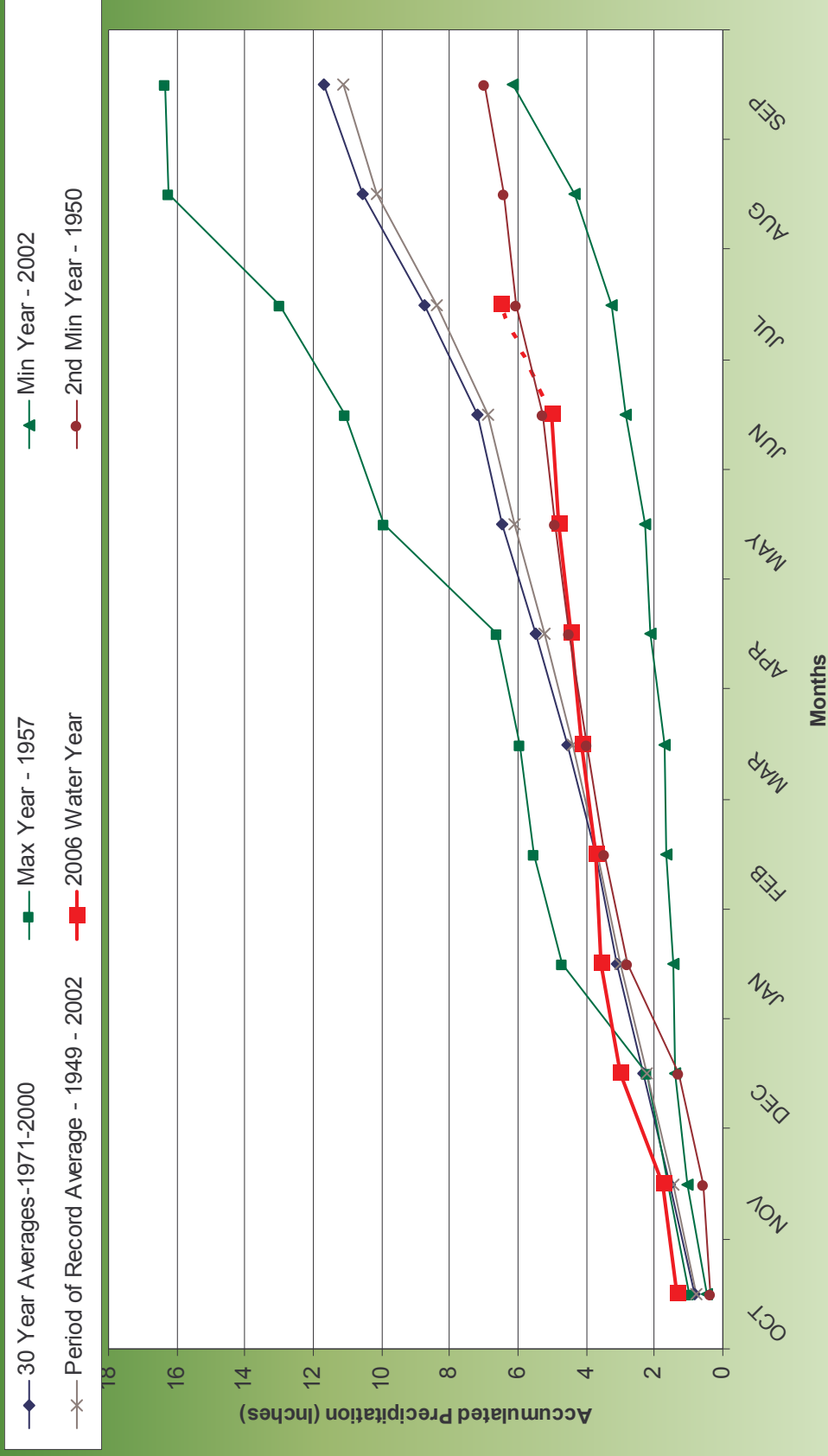
Division 3 – Mesa Verde

Mesa Verde NP 2006 Water Year



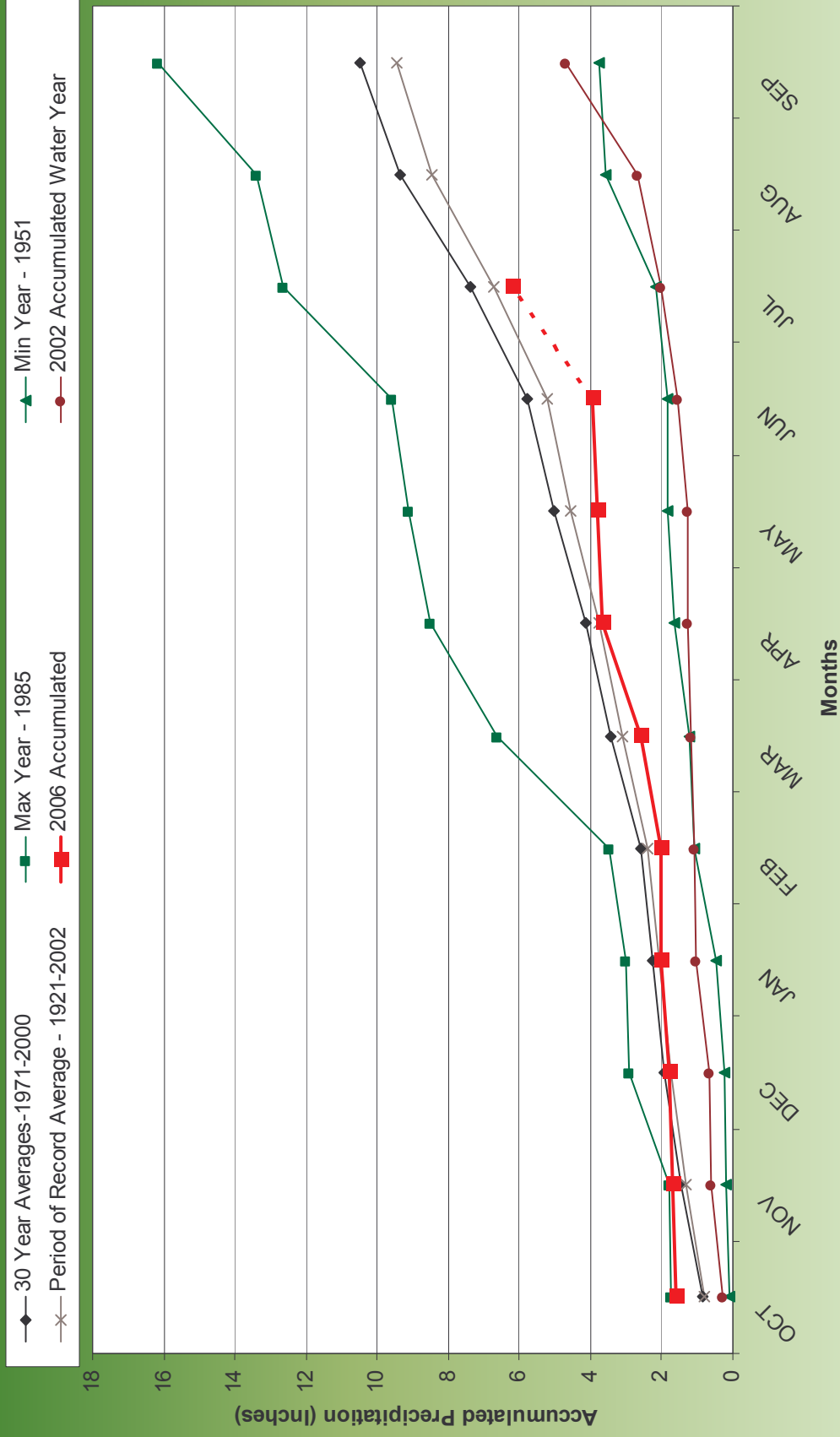
Division 3 – Cochetopa Creek

Cochetopa Creek 2006 Water Year



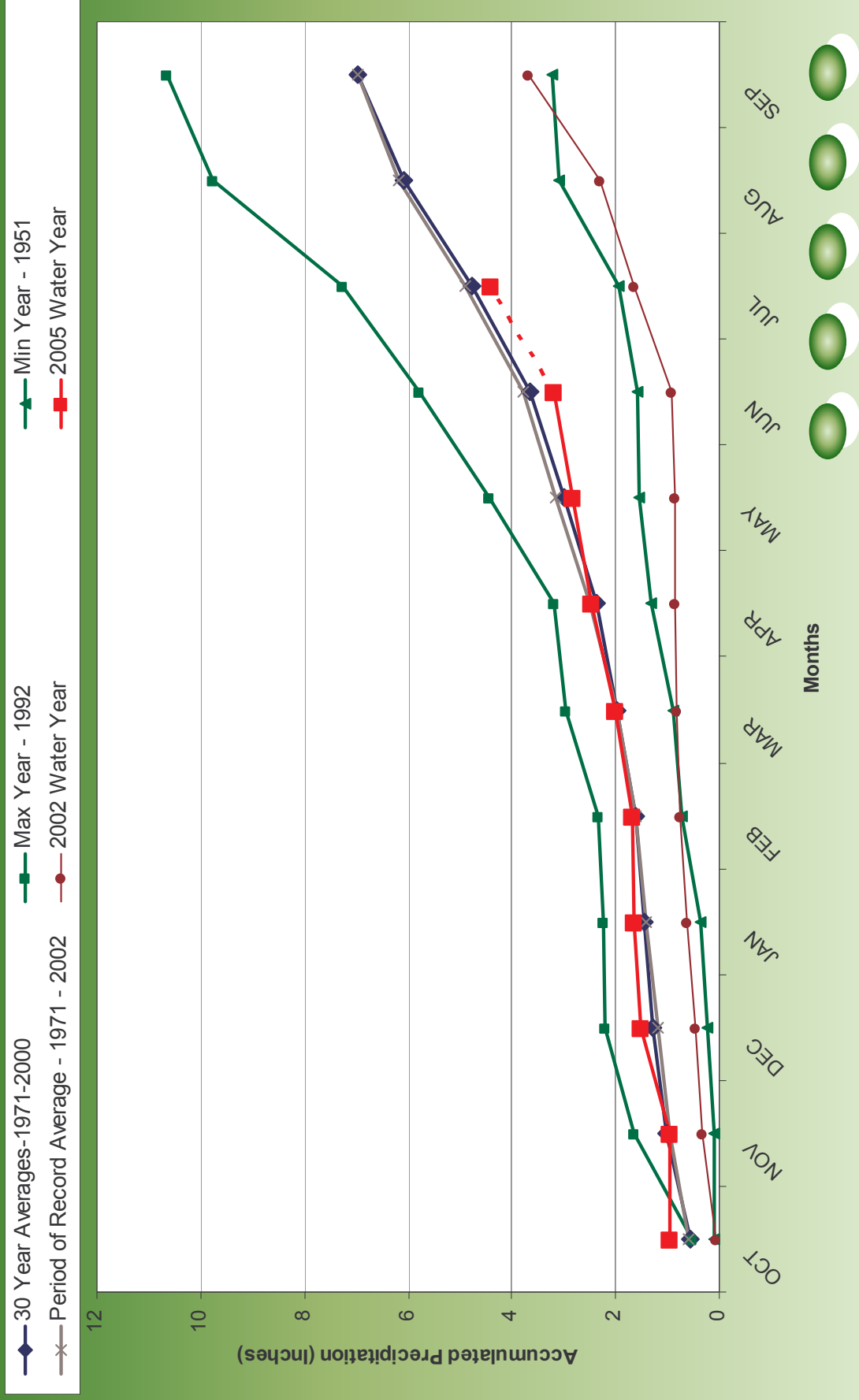
Division 4 – Del Norte

Del Norte 2006 Water Year



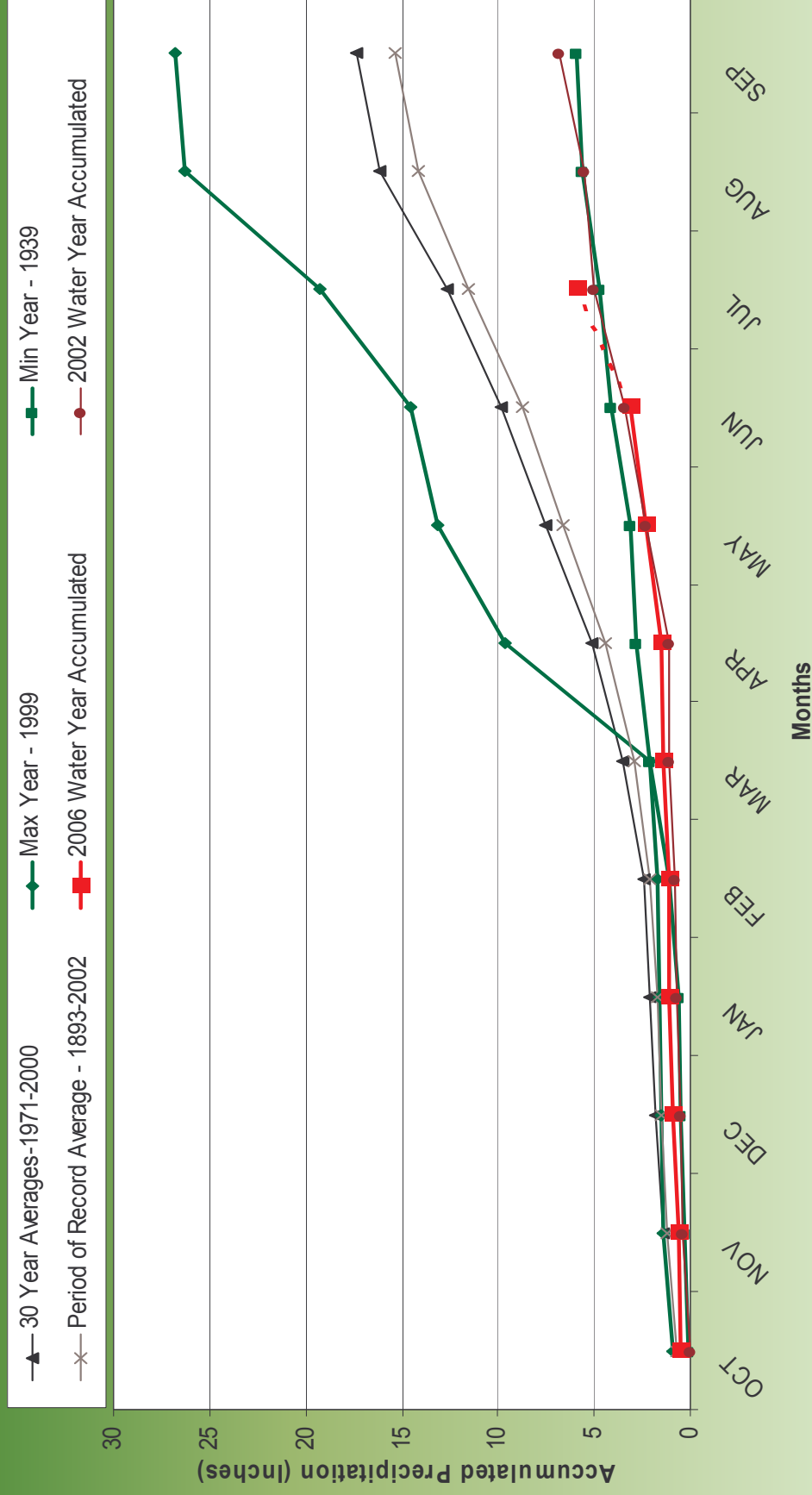
Division 4 – Center

Center 4SSW 2006 Water Year



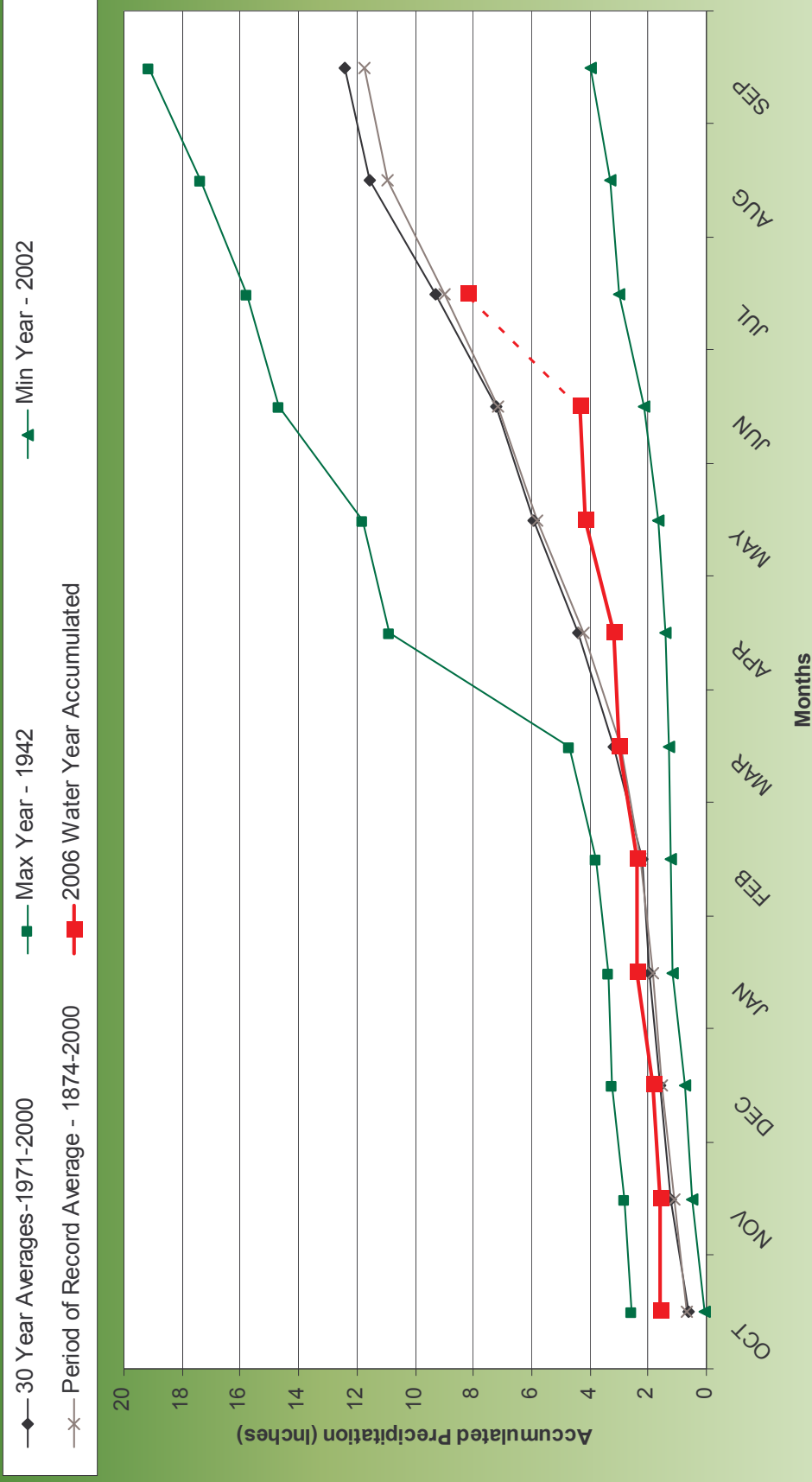
Division 5 – Colorado Springs

Colorado Springs 2006 Water Year



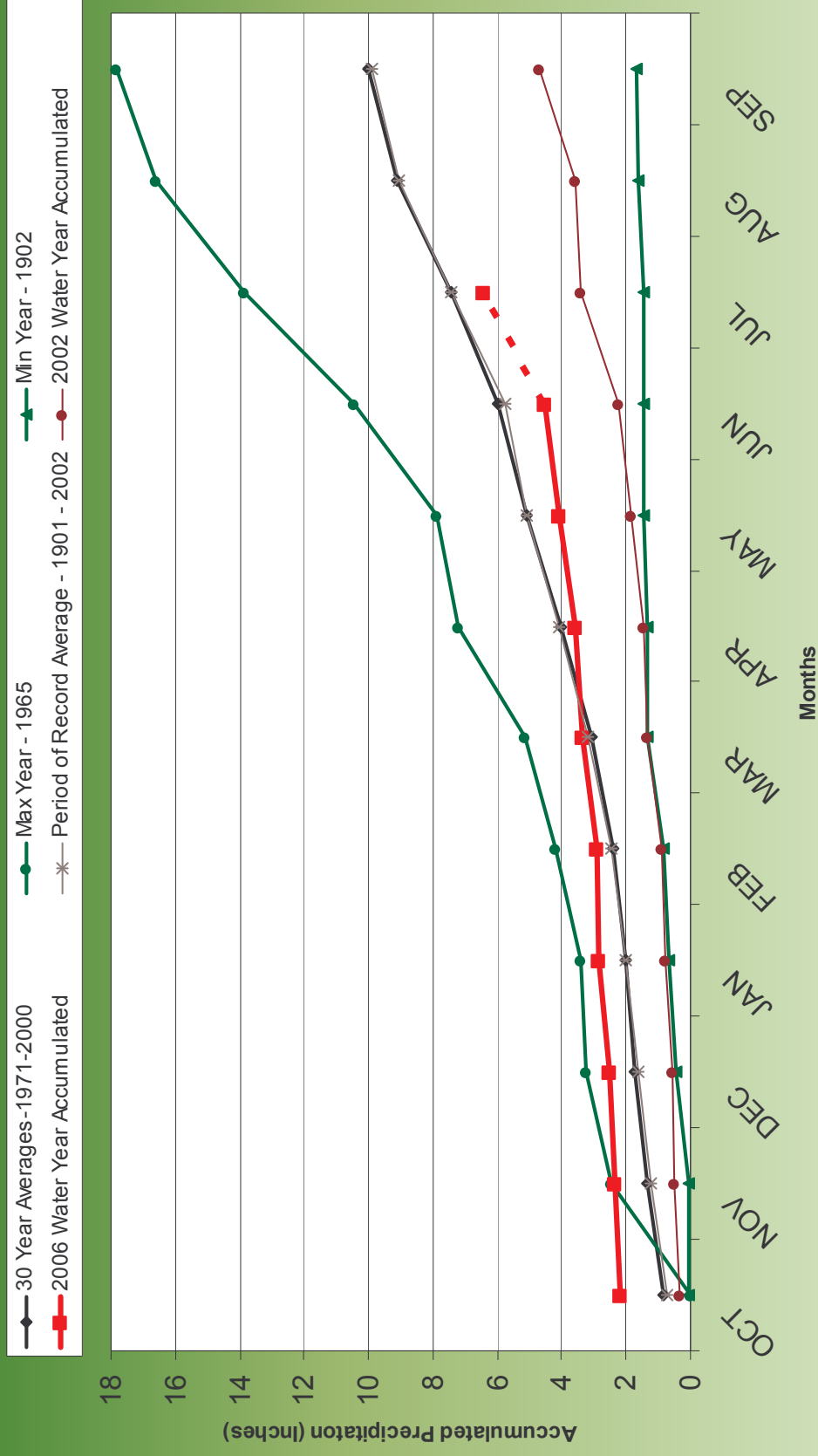
Division 5 – Pueblo

Pueblo WSO 2006 Water Year



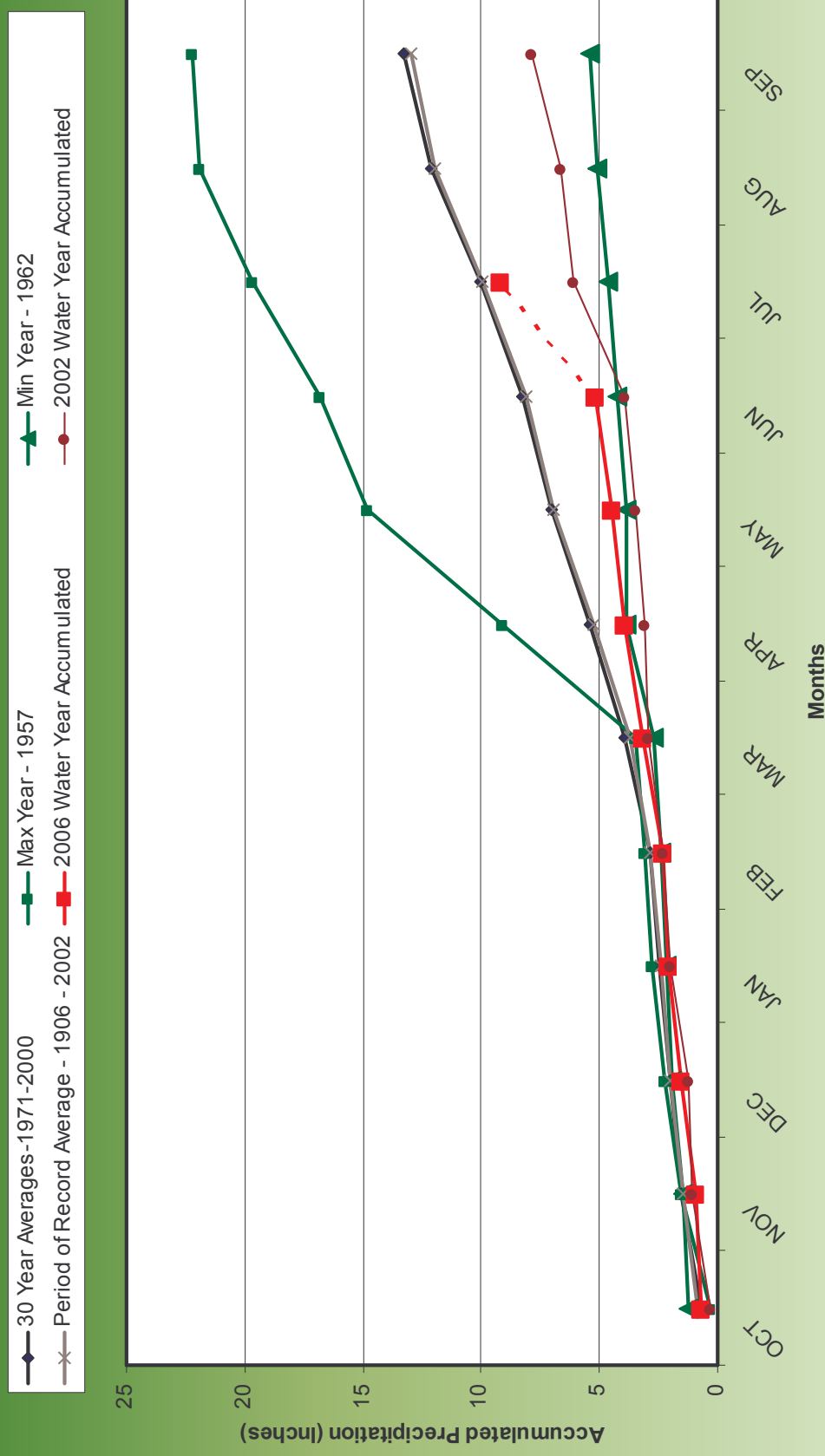
Division 5 – Buena Vista

Buena Vista 2006 Water Year



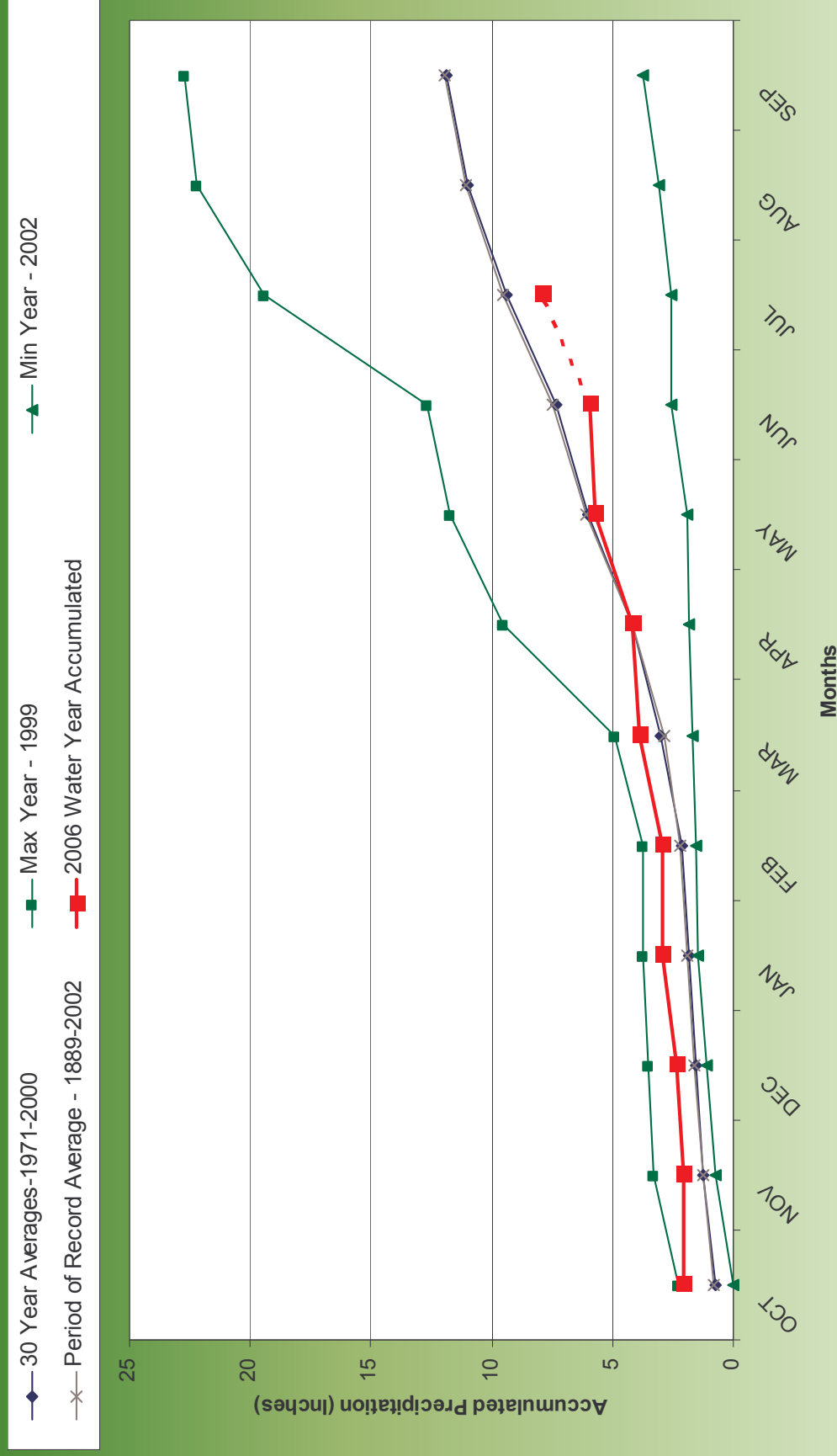
Division 5 – Canon City

Canon City 2006 Water Year



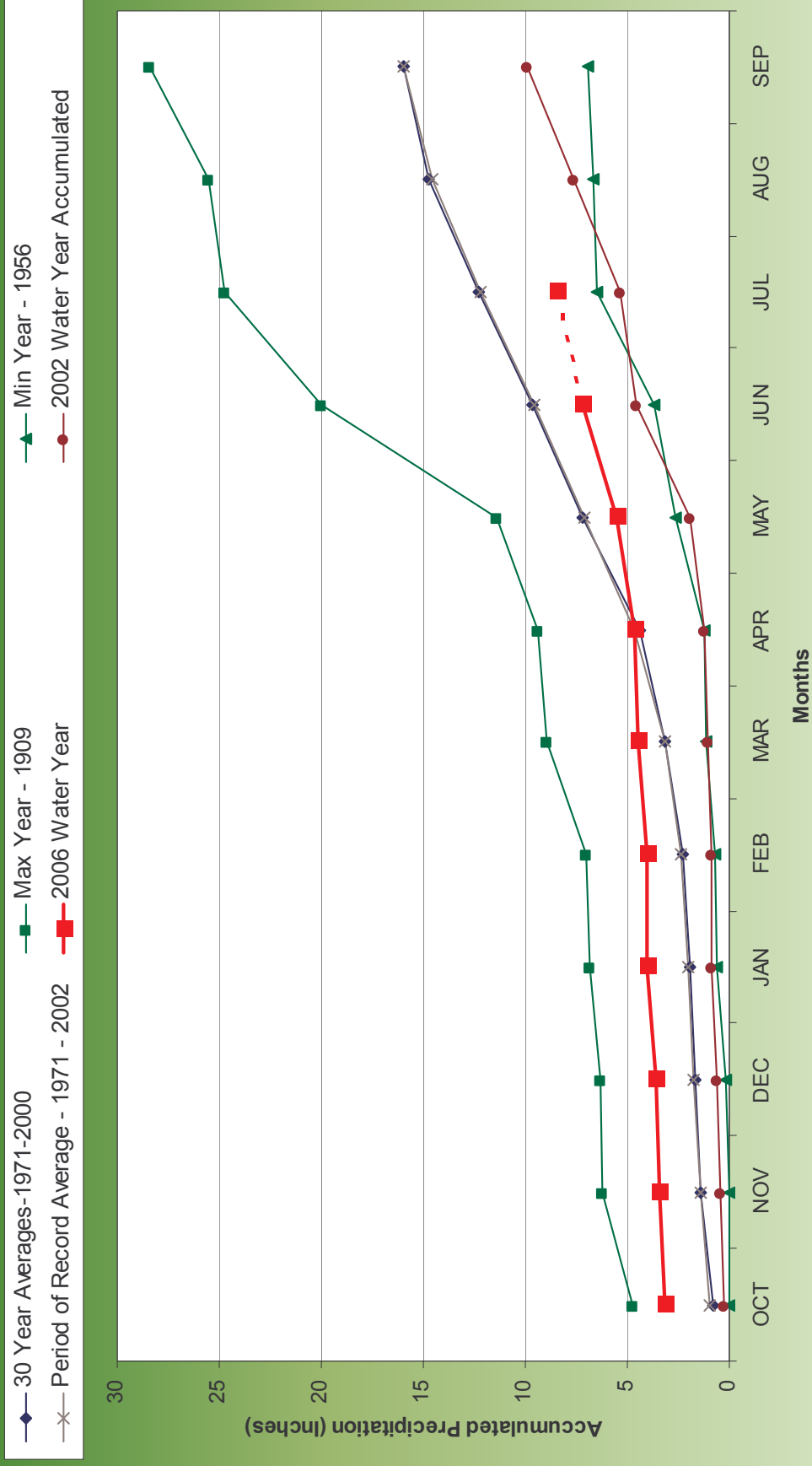
Division 6 – Rocky Ford

Rocky Ford 2006 Water Year



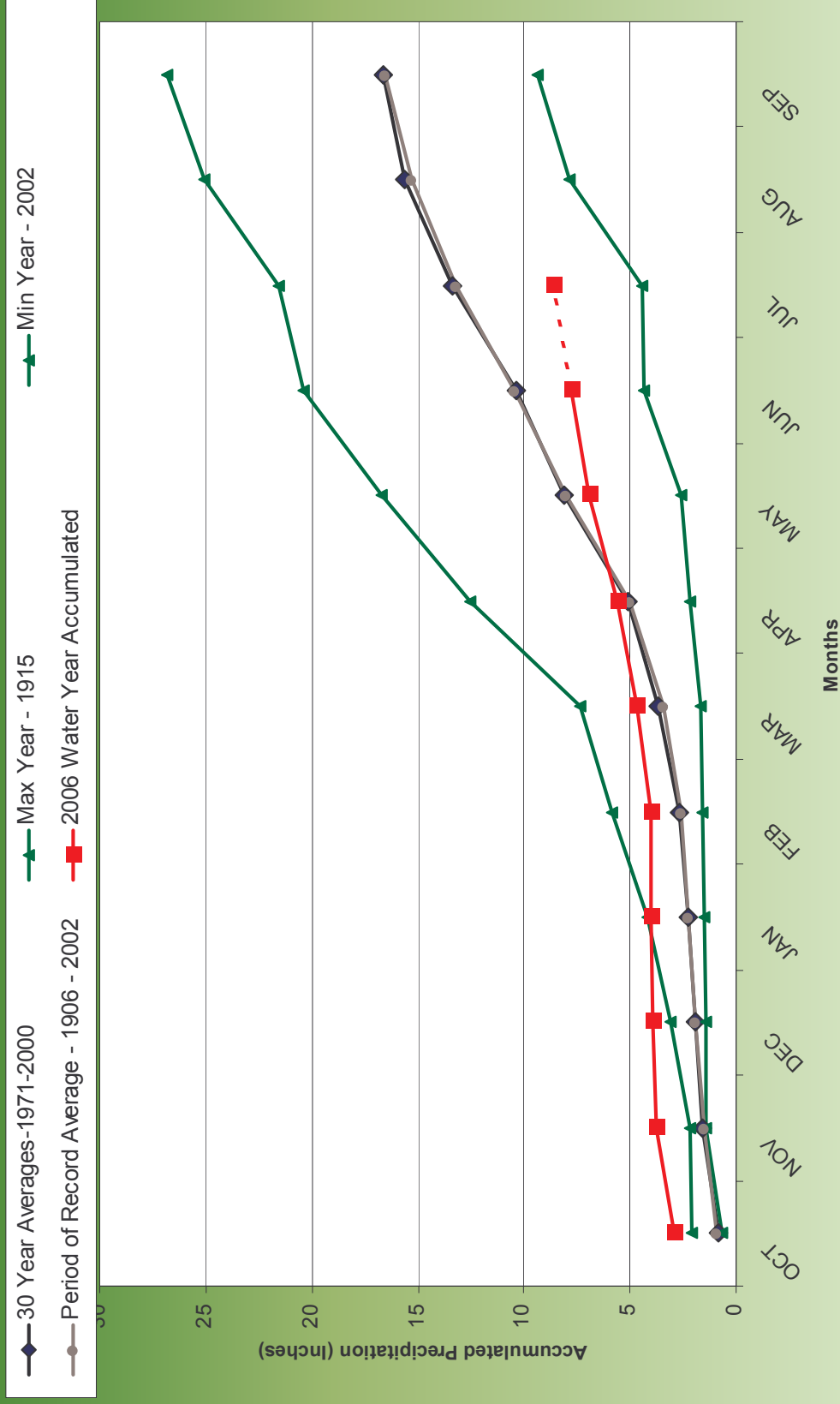
Division 6 – Cheyenne Wells

Cheyenne Wells 2006 Water Year



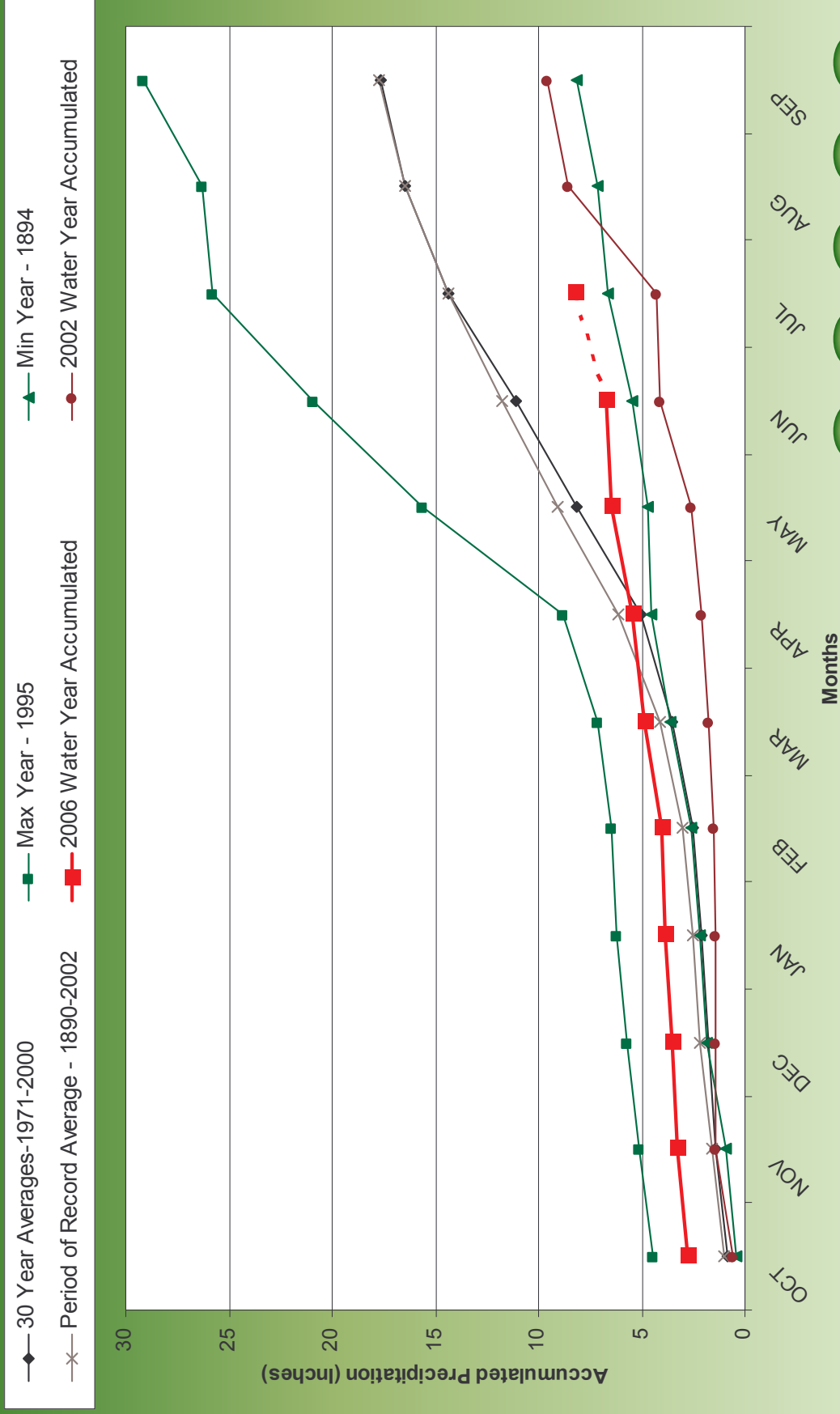
Division 7 – Akron

Akron 4E 2006 Water Year



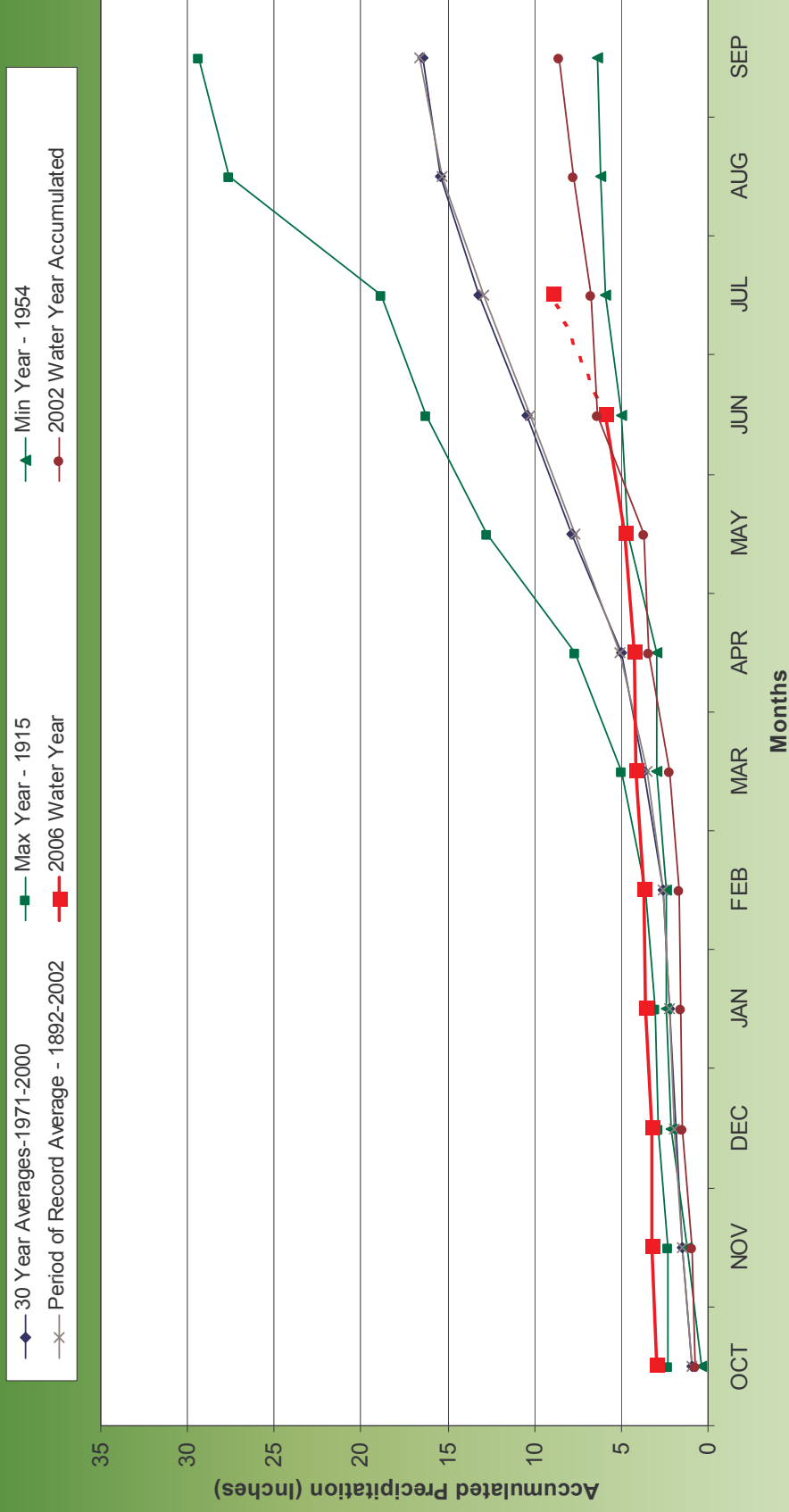
Division 7 – Leroy

Leroy 5SW 2006 Water Year



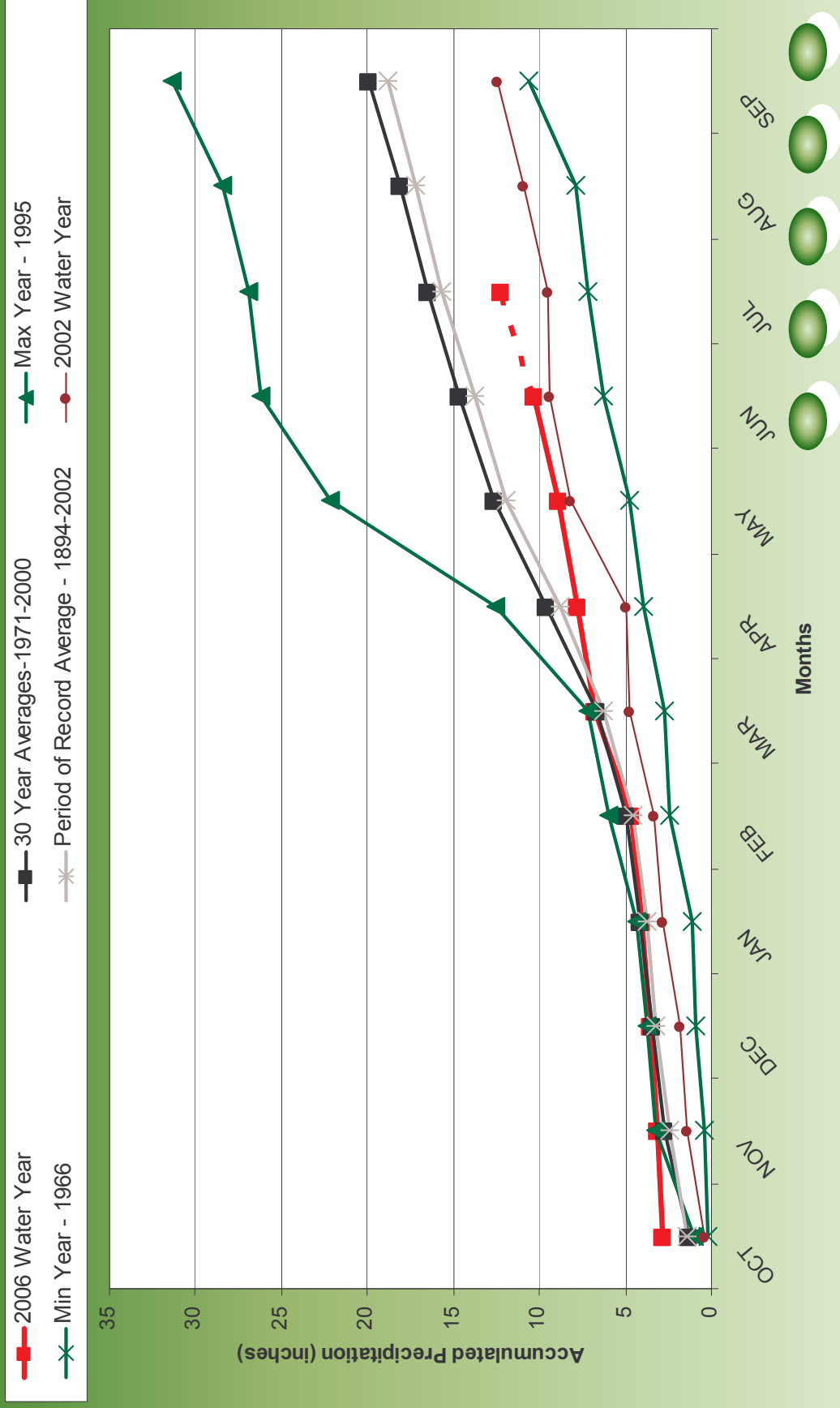
Division 7 – Burlington

Burlington 2006 Water Year



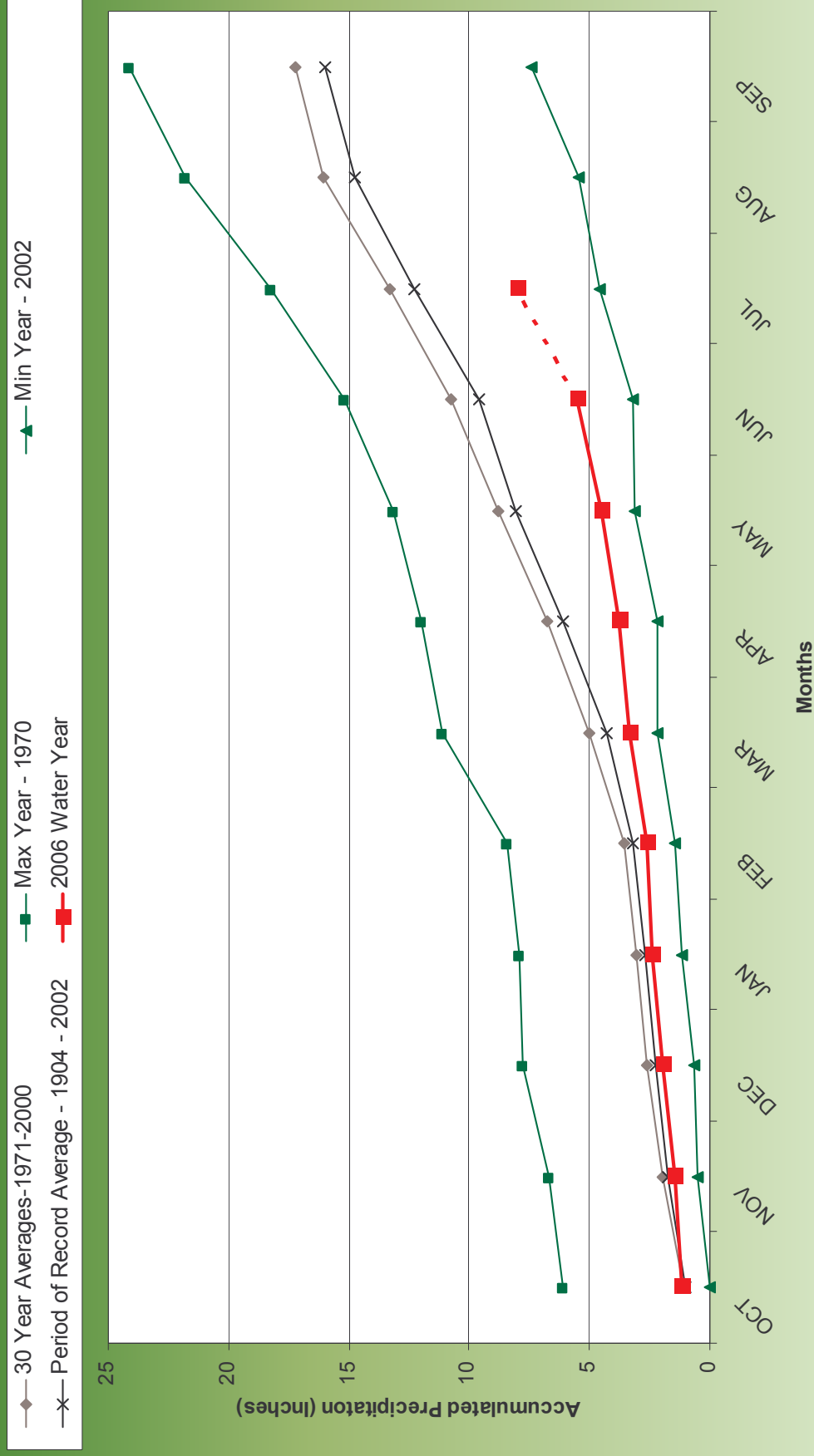
Division 8 – Boulder

Boulder 2006 Water Year



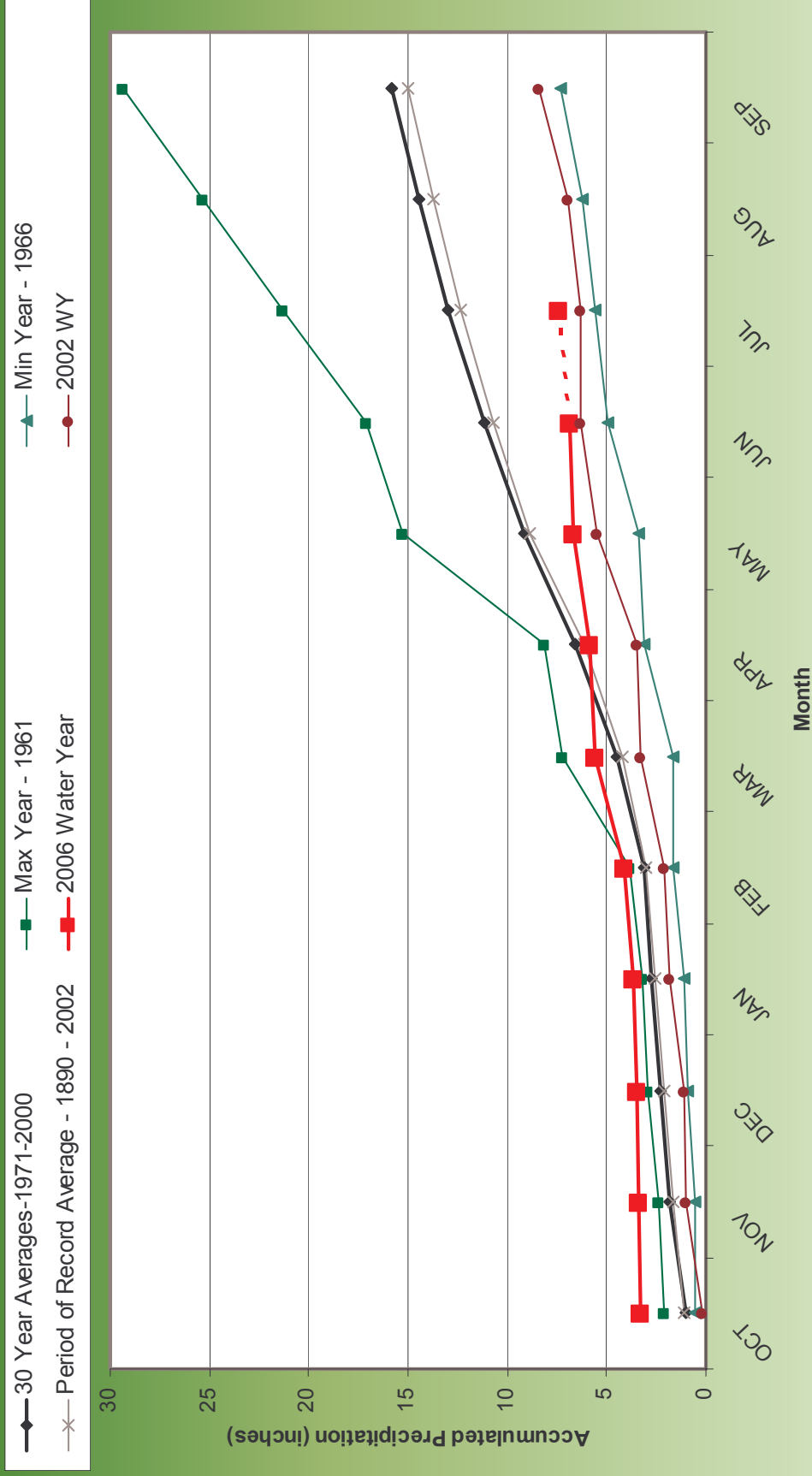
Division 8 – Cheesman

Cheesman 2006 Water Year



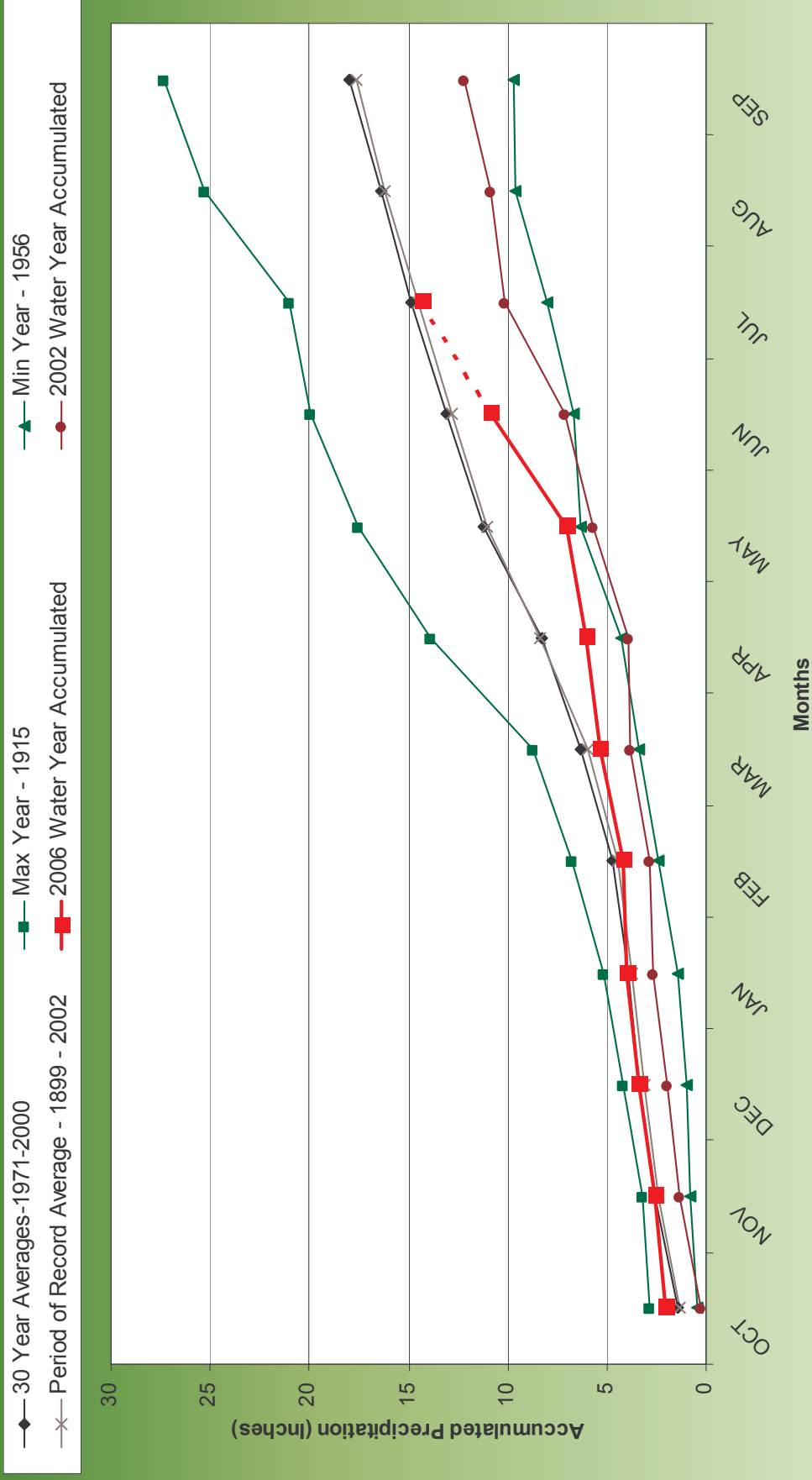
Division 8 – Fort Collins

Fort Collins 2006 Water Year



Division 8 – Kassler

Kassler 2006 Water Year



Produced by:
Colorado Climate Center
Fort Collins, CO

6/2006 6 mon. SPI

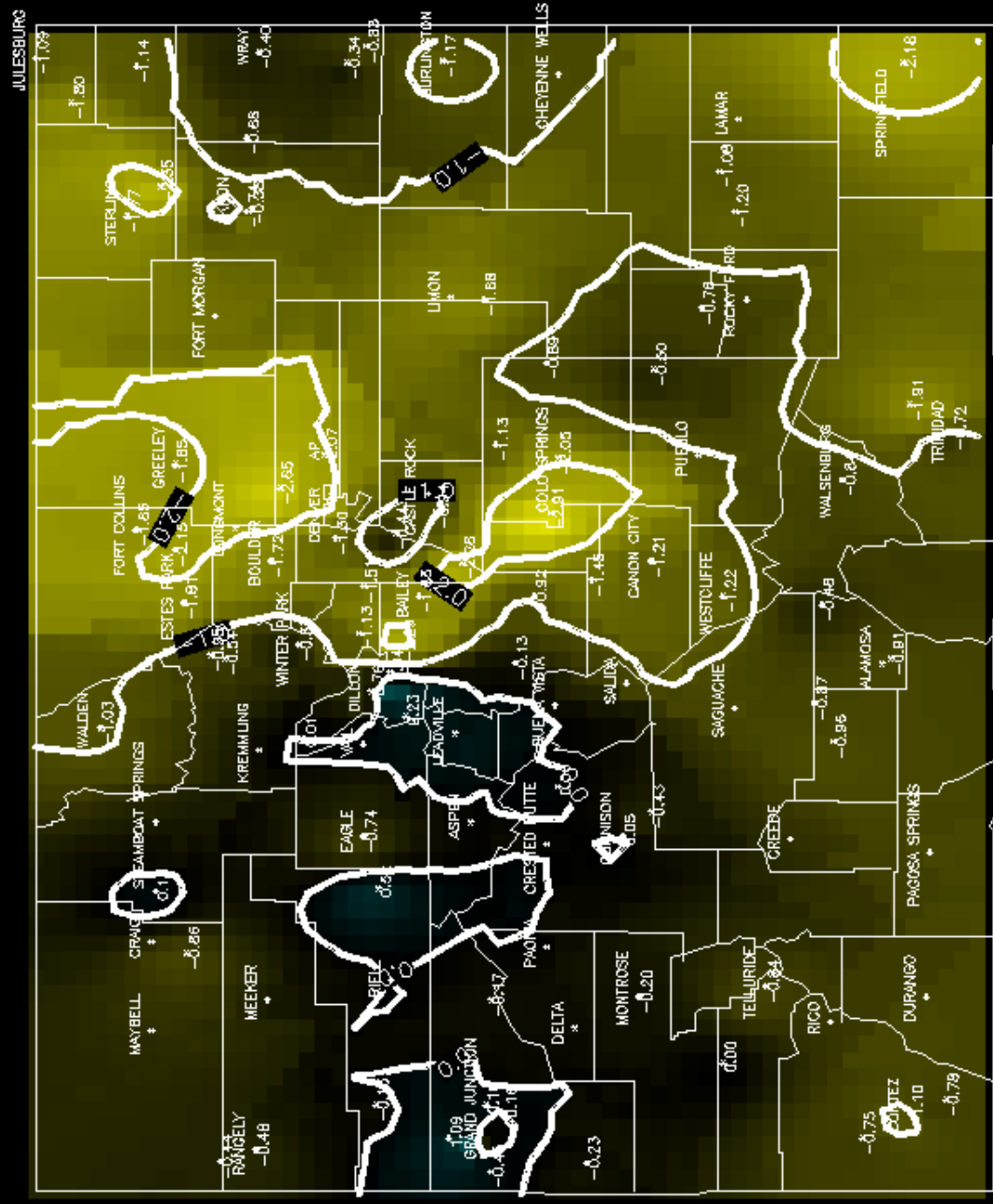


100	2.0	BB	VVV	-1.0
100	1.0	14	VVV	-2.0
100	0.0	0	VVV	-3.0

12 Month SPI

Colorado

6/2006 12 mon. SPI



100% <= 2.0
40% <= 1.0
0% <= 0.0
94% <= -2.0

Produced by:
Colorado Climate Center
Fort Collins, CO

24 Month SPI

Colorado

6/2006 24 mon. SPI



100 % < 2.0 11 % < -1.0
 88 % < 1.0 0 % < -2.0
 67 % < 0.0 0 % < -3.0

Produced by:
 Colorado Climate Center
 Fort Collins, CO

6/2006 48 mon. SPI



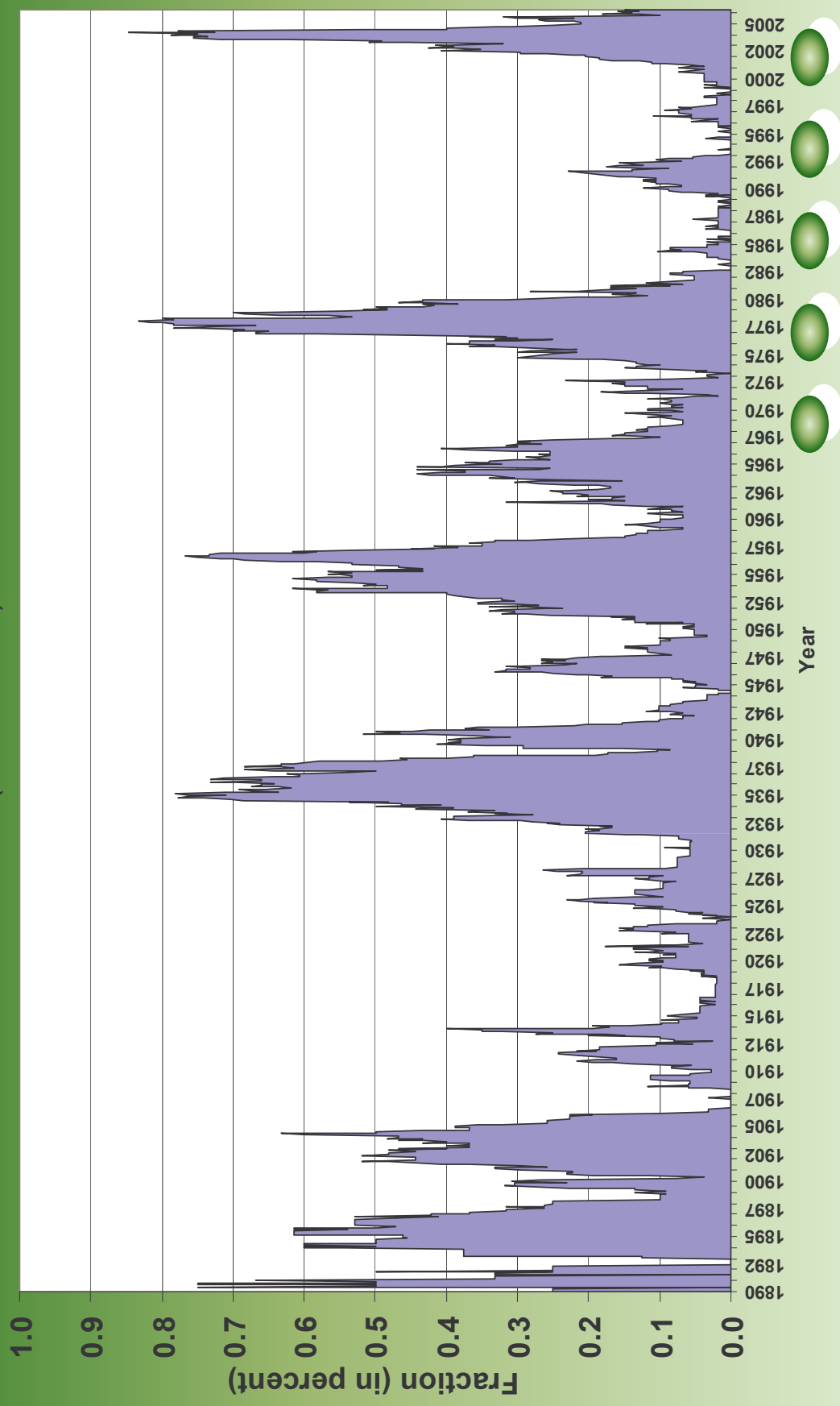
100	200
100	200
75	0
VVV	VVV
ZZZ	ZZZ
18	18
0	0
0	0
-1-2-3	-1-2-3
100	100

Fraction of Colorado in Drought

Fraction of Colorado in Drought

Based on 48 month SPI

(1890 - June 2006)



Produced by:
Colorado Climate Center
Fort Collins, CO

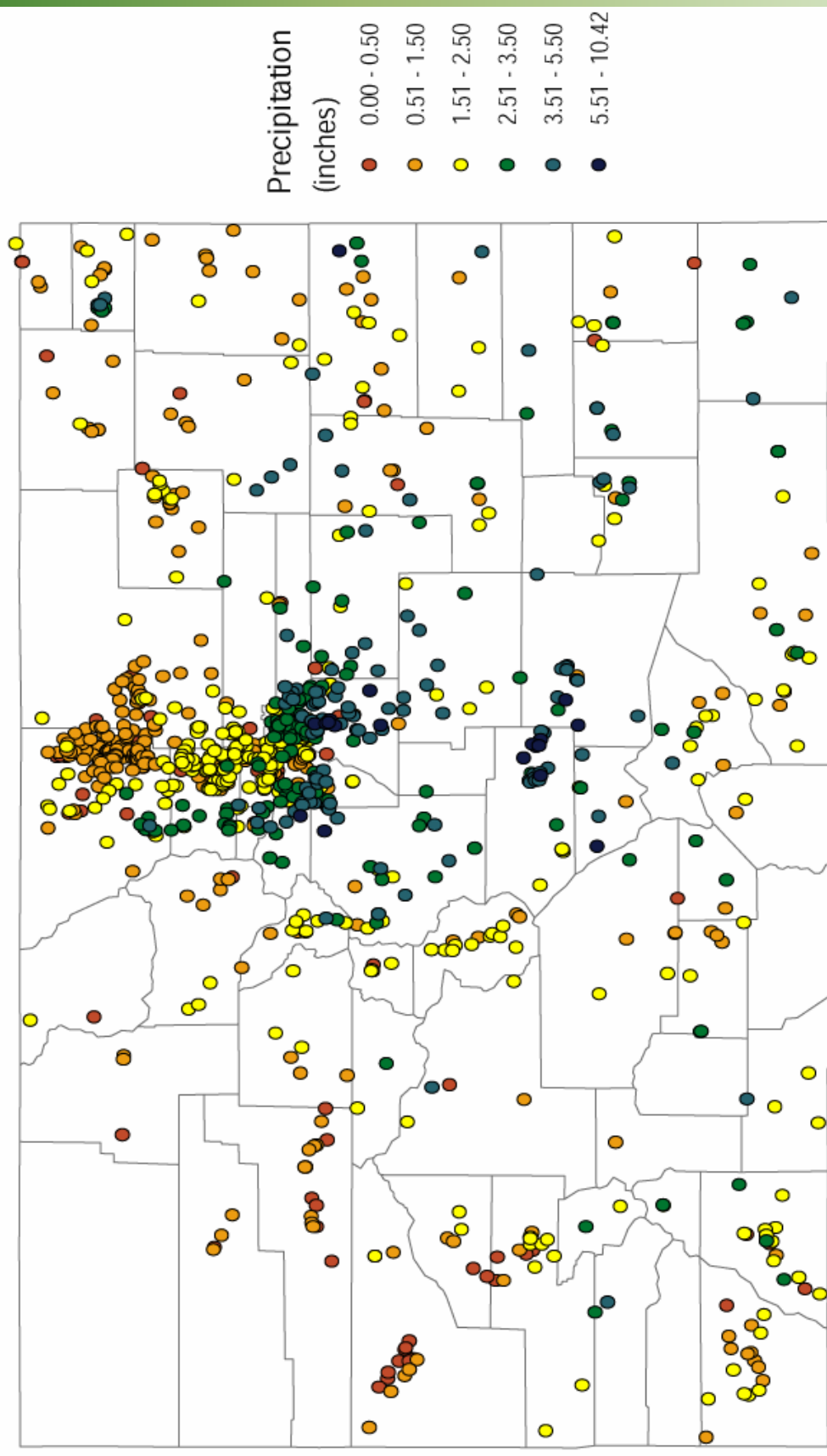






CoCoRaHS All Stations

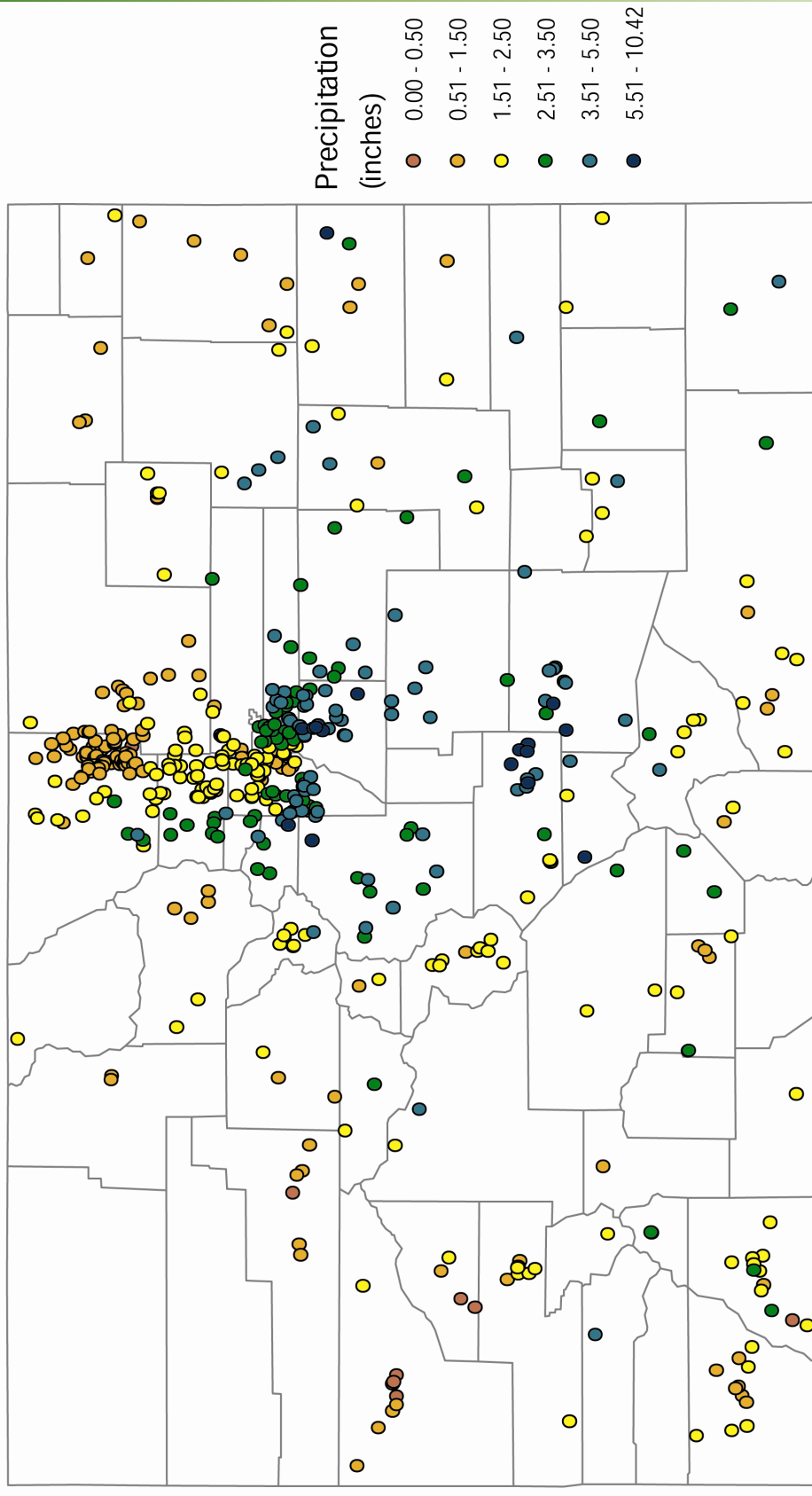
Colorado



CoCoRaHS Observations for 01 July 2006 - 19 July 2006

CoCo RaHS .GE. 15 observations

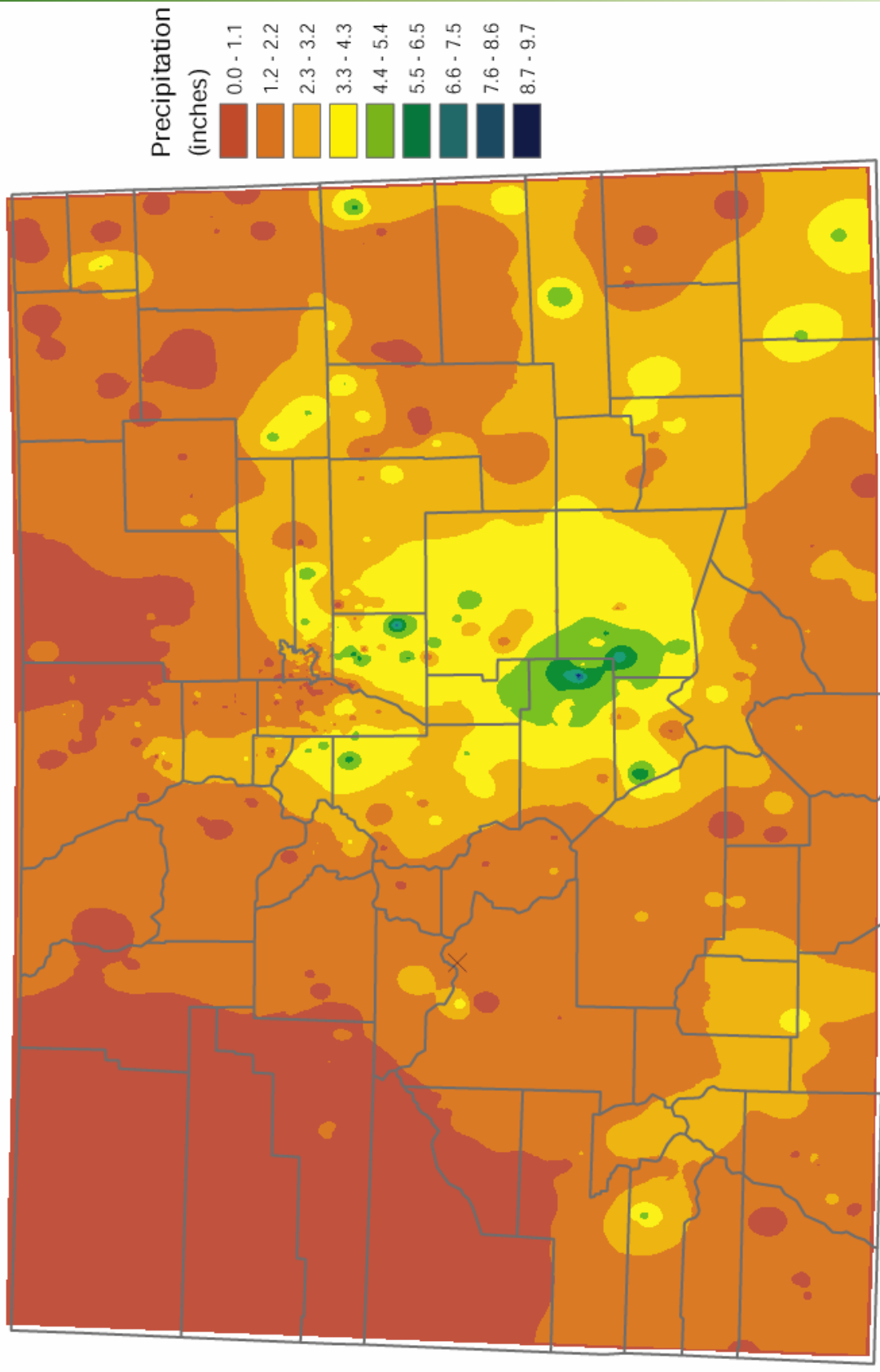
Colorado



CoCoRaHS Observations for 01 July 2006 - 19 July 2006
(greater than 15 observations)

CoCoRaHS Contour Analysis

Colorado

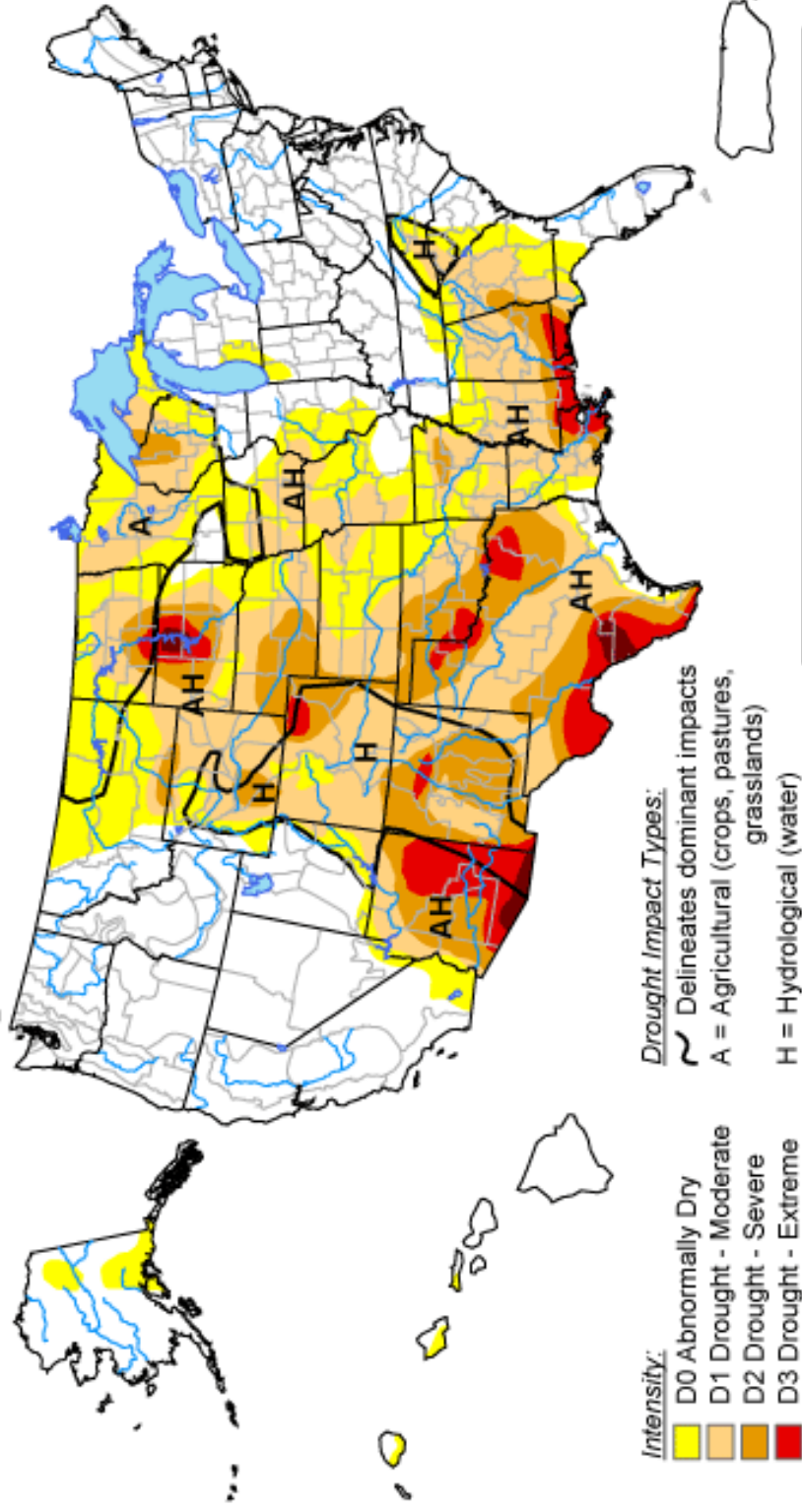


CoCoRaHS Observations for 01 July 2006 - 19 July 2006

Drought Monitor Map

U.S. Drought Monitor

July 11, 2006
Valid 8 a.m. EDT



The Drought Monitor focuses on broad-scale conditions.

Local conditions may vary. See accompanying text summary for forecast statements.



Released Thursday, July 13, 2006
Author: Doug Le Comte and Tom Heddinghaus, CPC/NOAA
<http://drought.unl.edu/dm>

Colorado Climate Center

Colorado State University

Data and Power Point Presentations available for downloading

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

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

**Colorado
State
University**
Knowledge to Go Places

