

A Review of the 2003 Water Year in Colorado

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Prepared by Odie Bliss

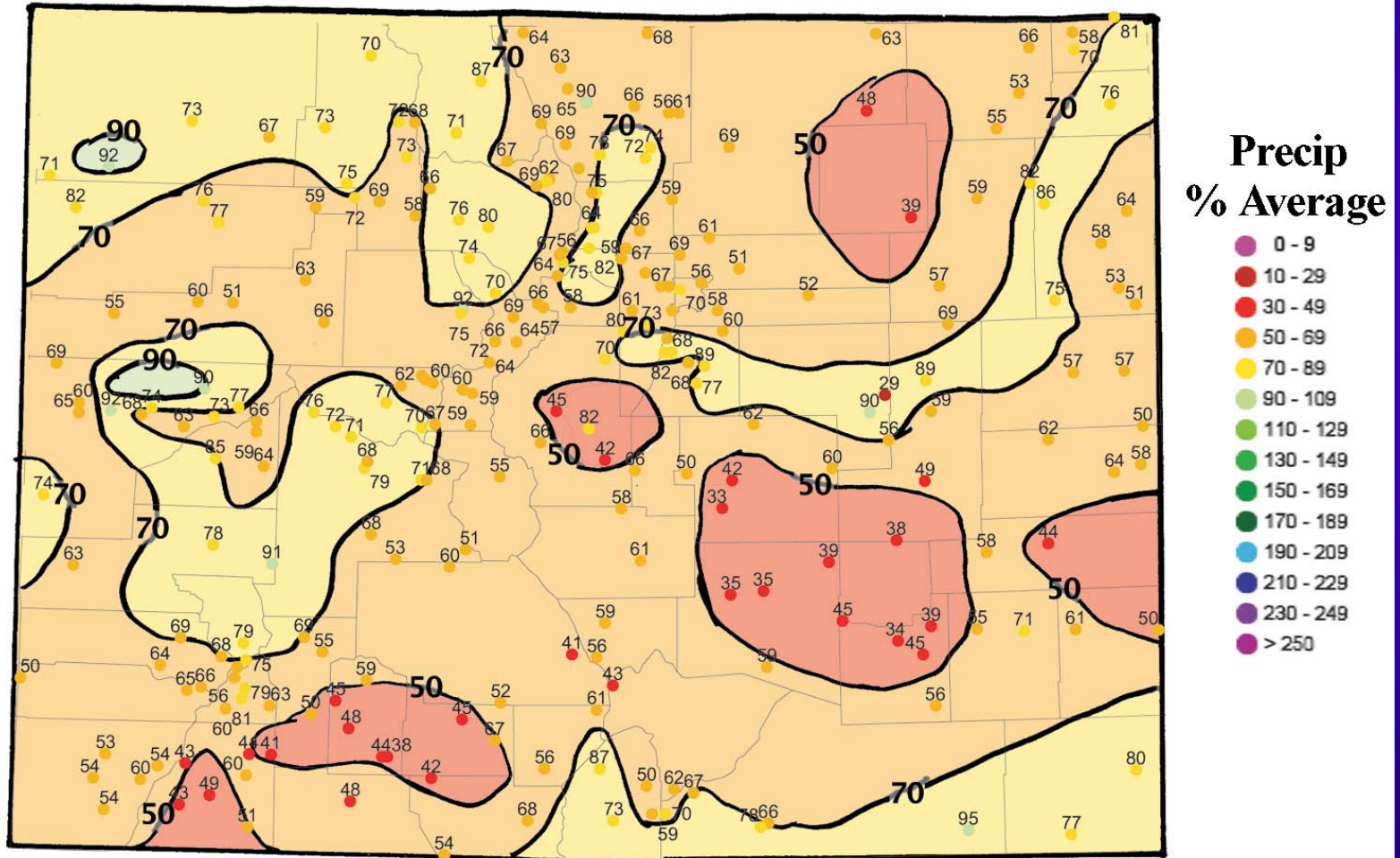
<http://ccc.atmos.colostate.edu>

<http://www.co.nrcs.usda.gov/snow/>

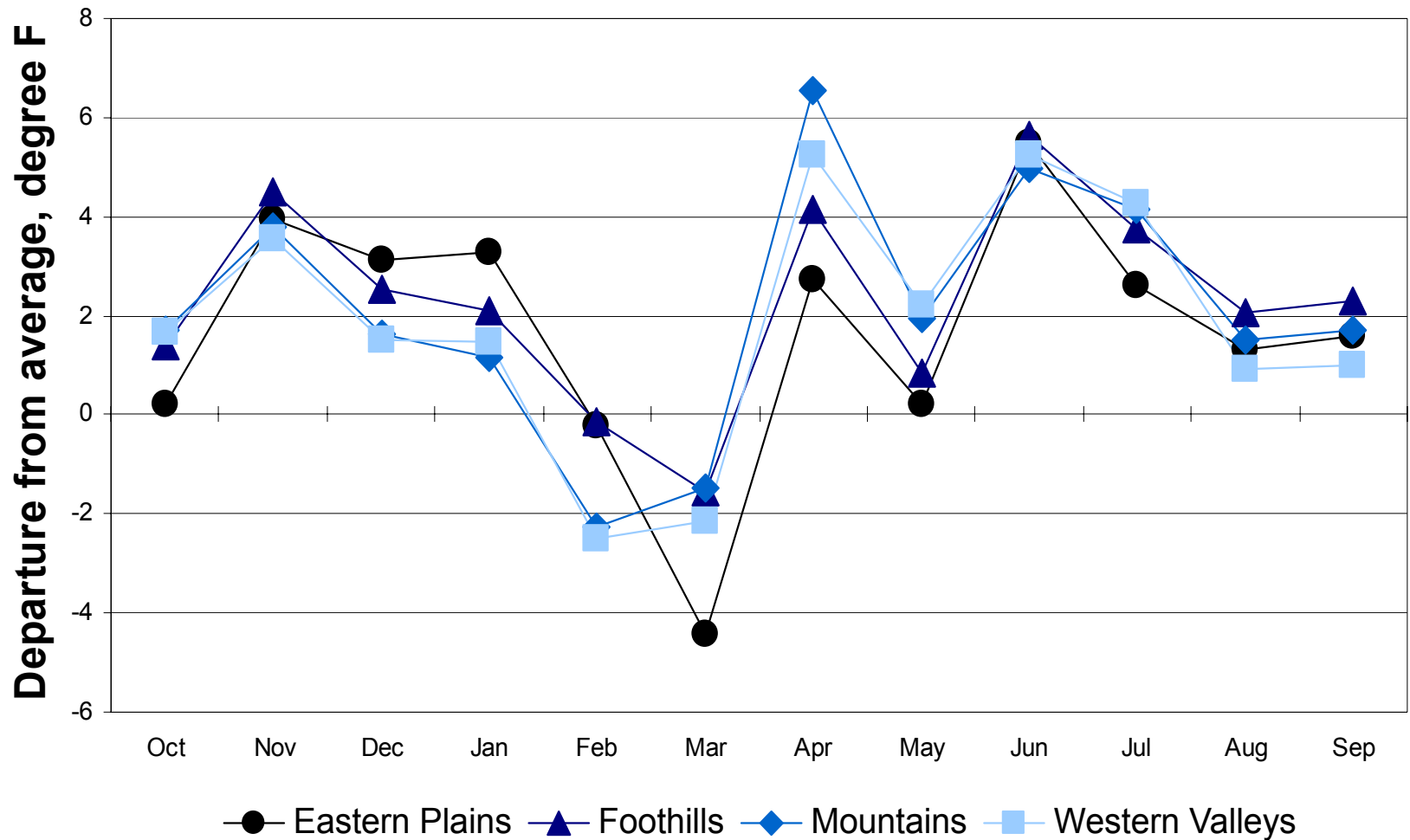


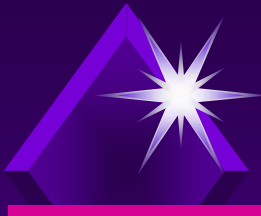
Water Year 2002 (Oct. 2001 - Sept. 2002)

Precipitation Percent of Average for 1961-1990 Averages



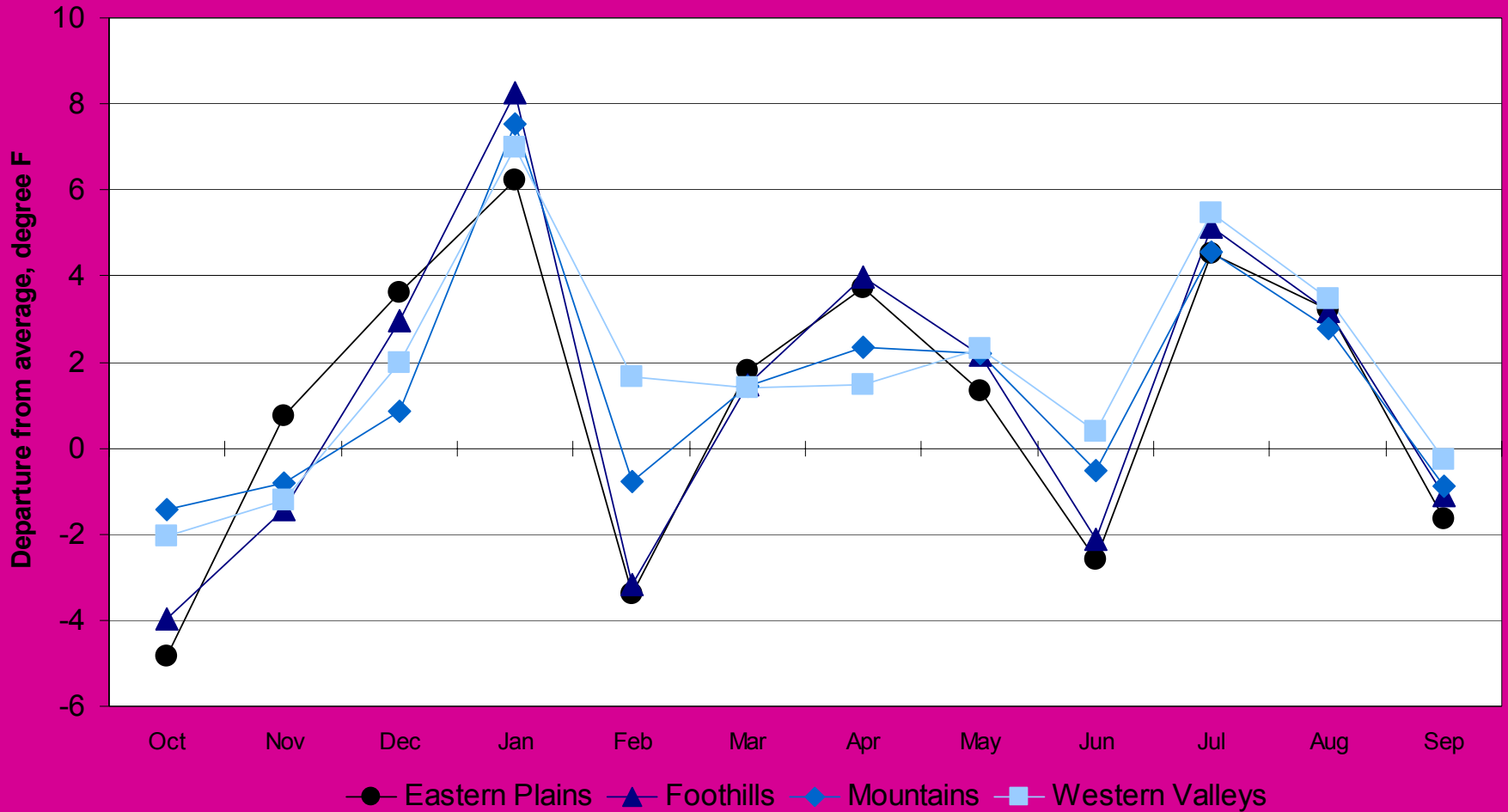
Water Year 2002



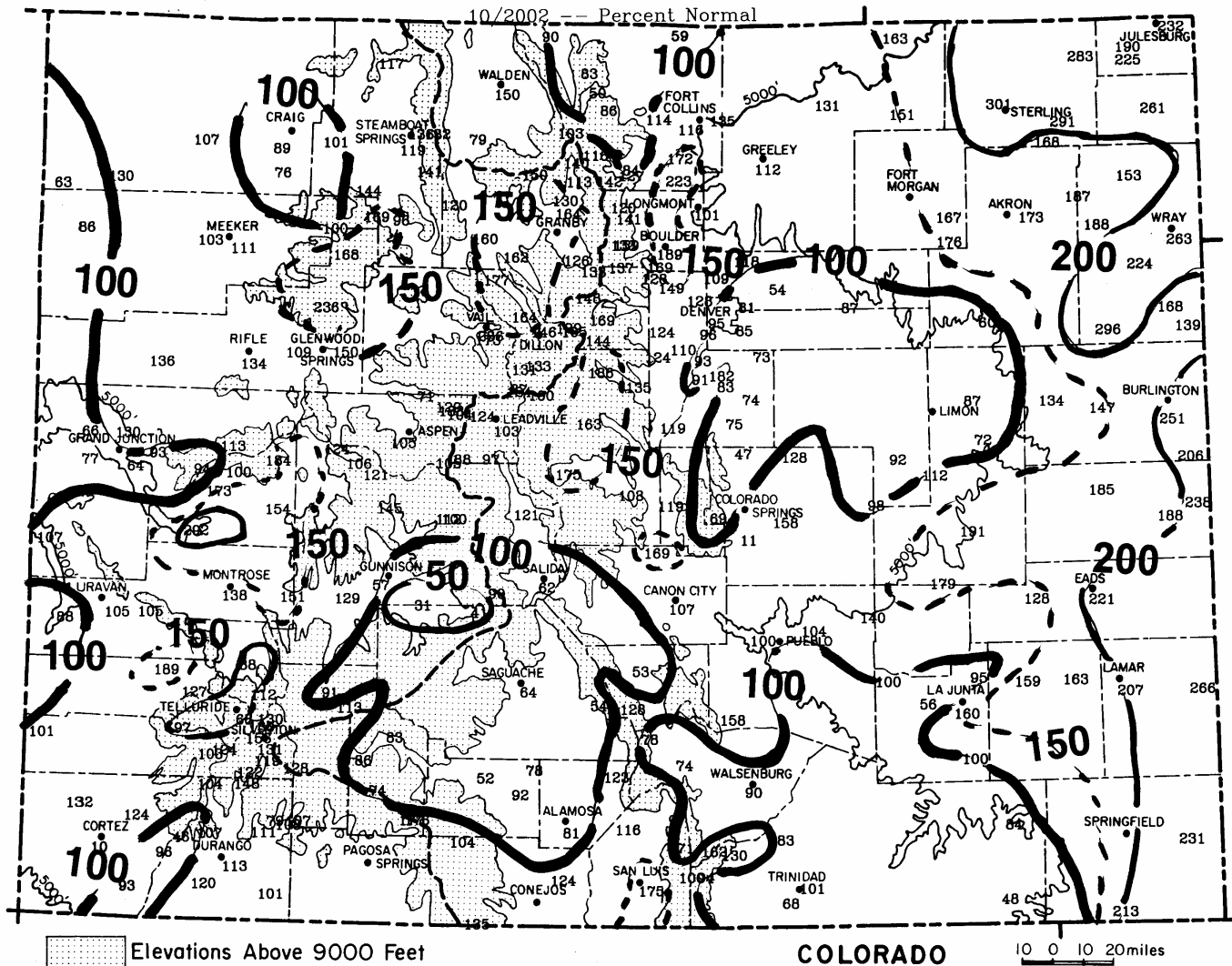


2003 WY Temperature Departures

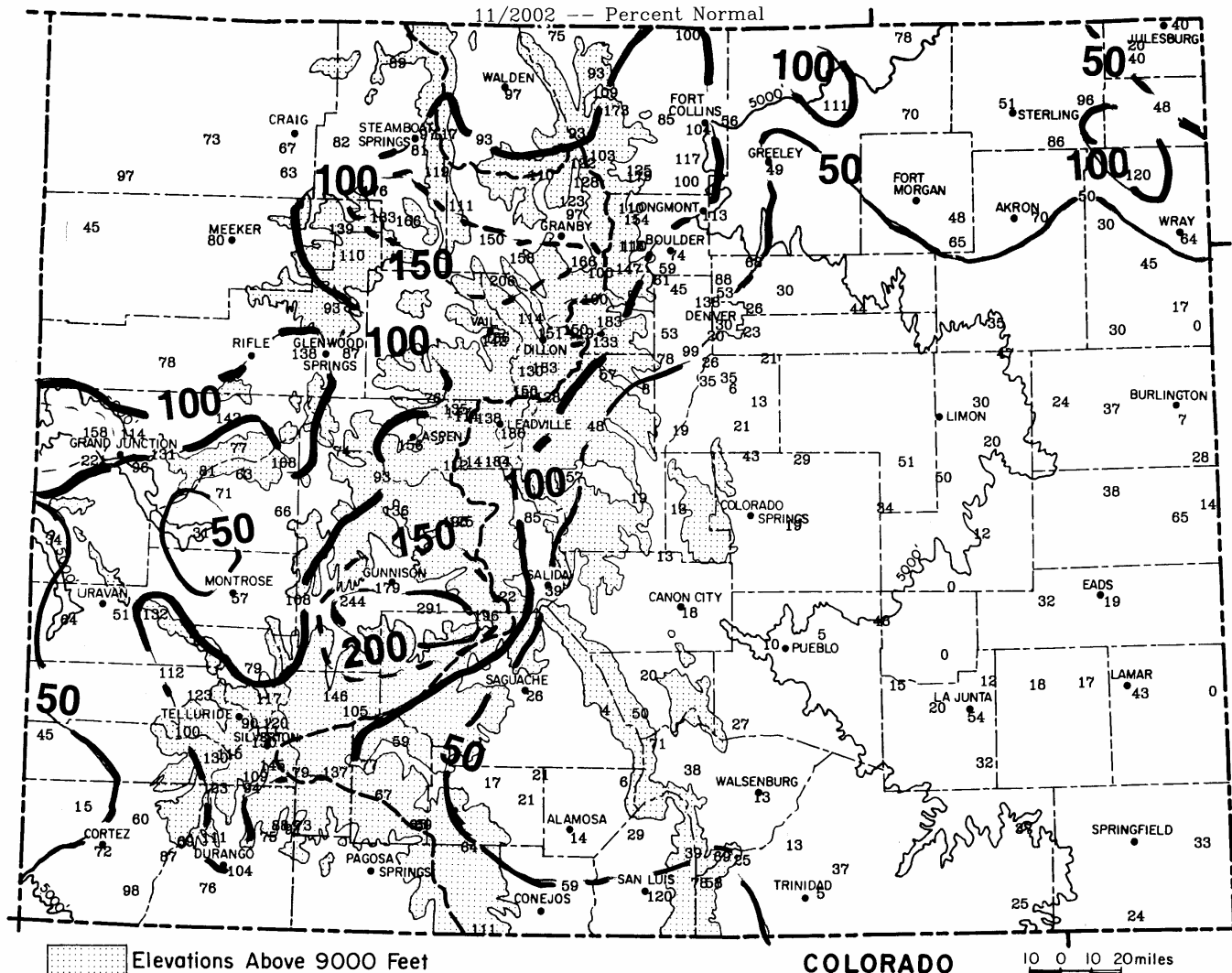
Water Year 2003



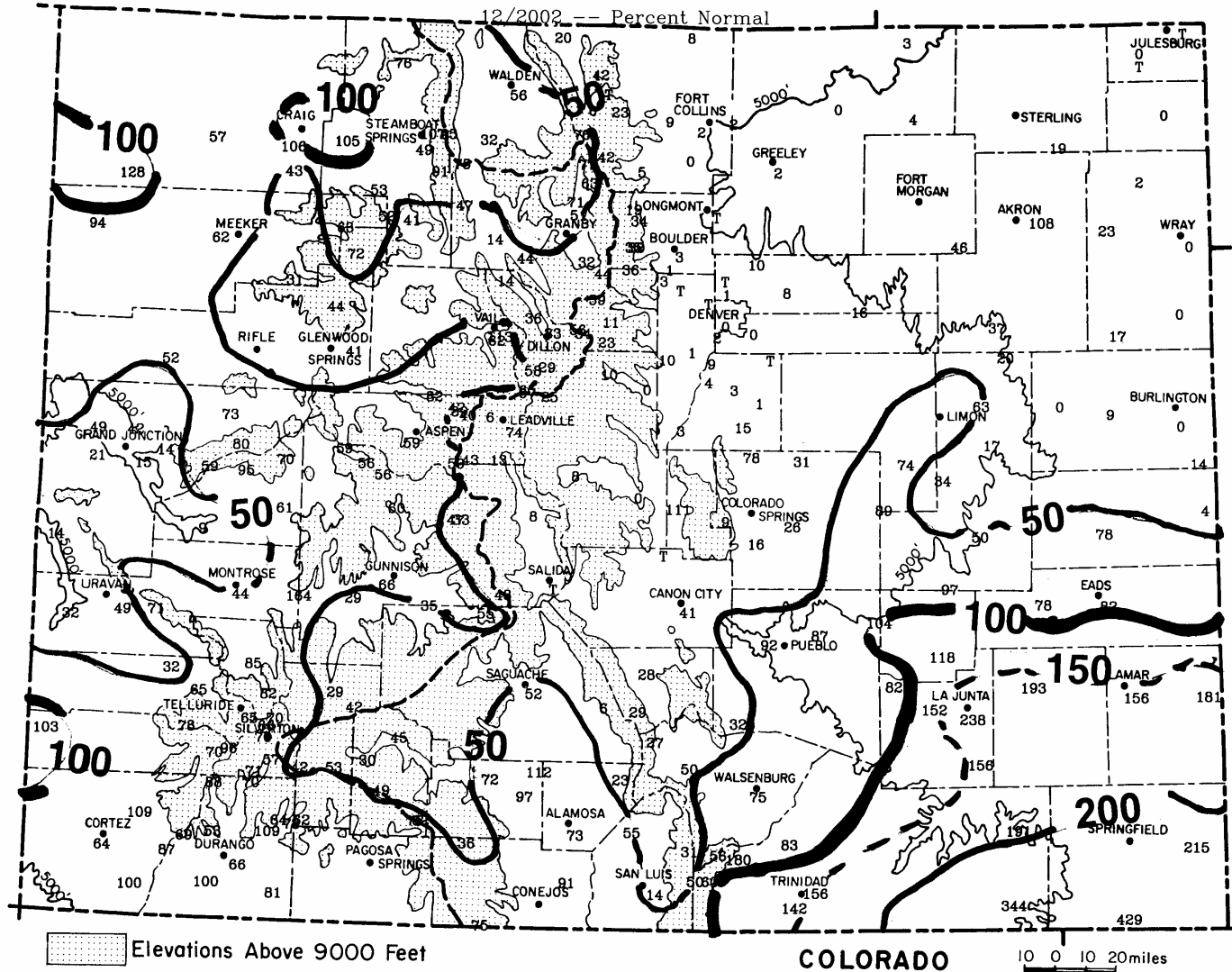
October 2002 % of Average



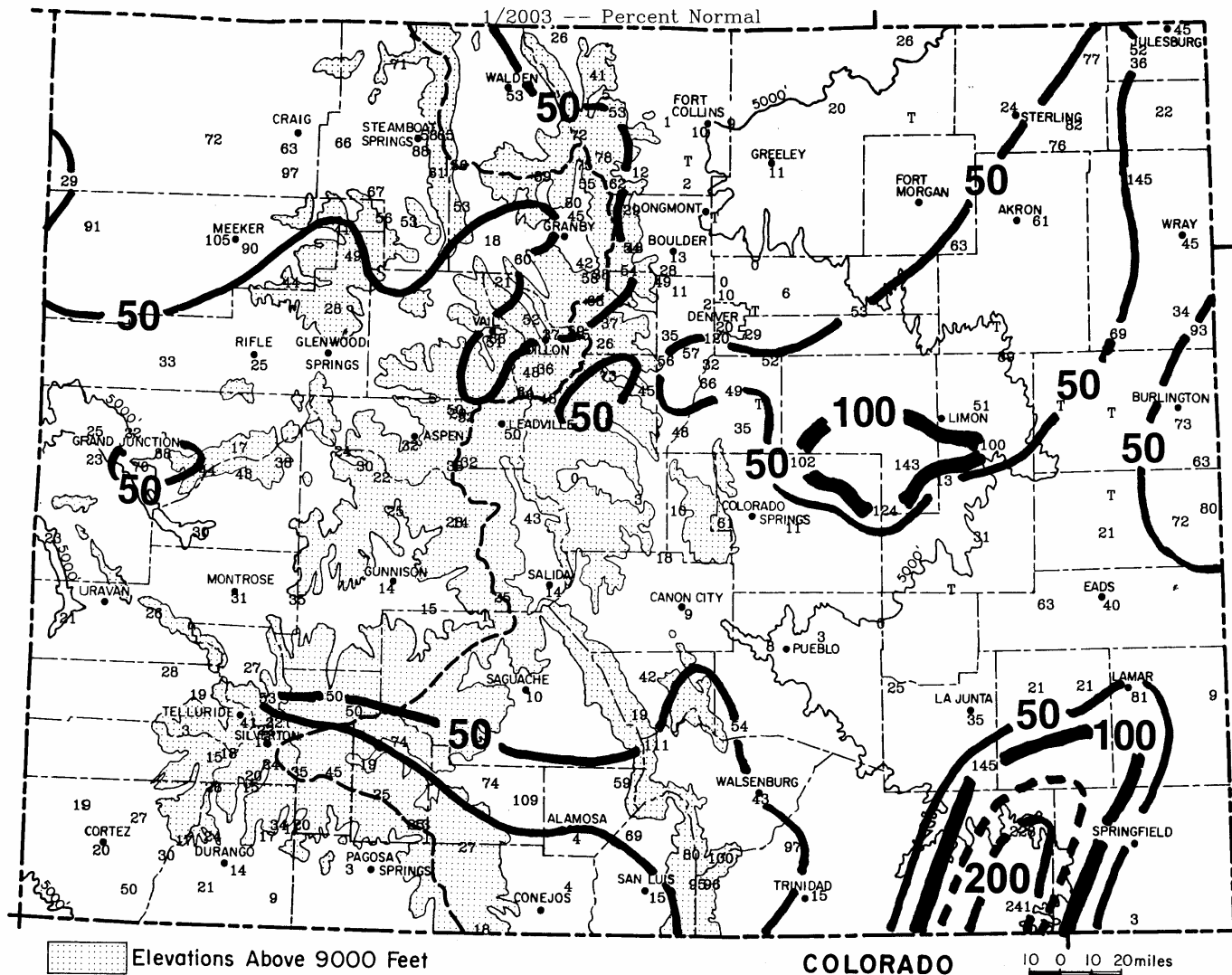
November 2002 % of Average



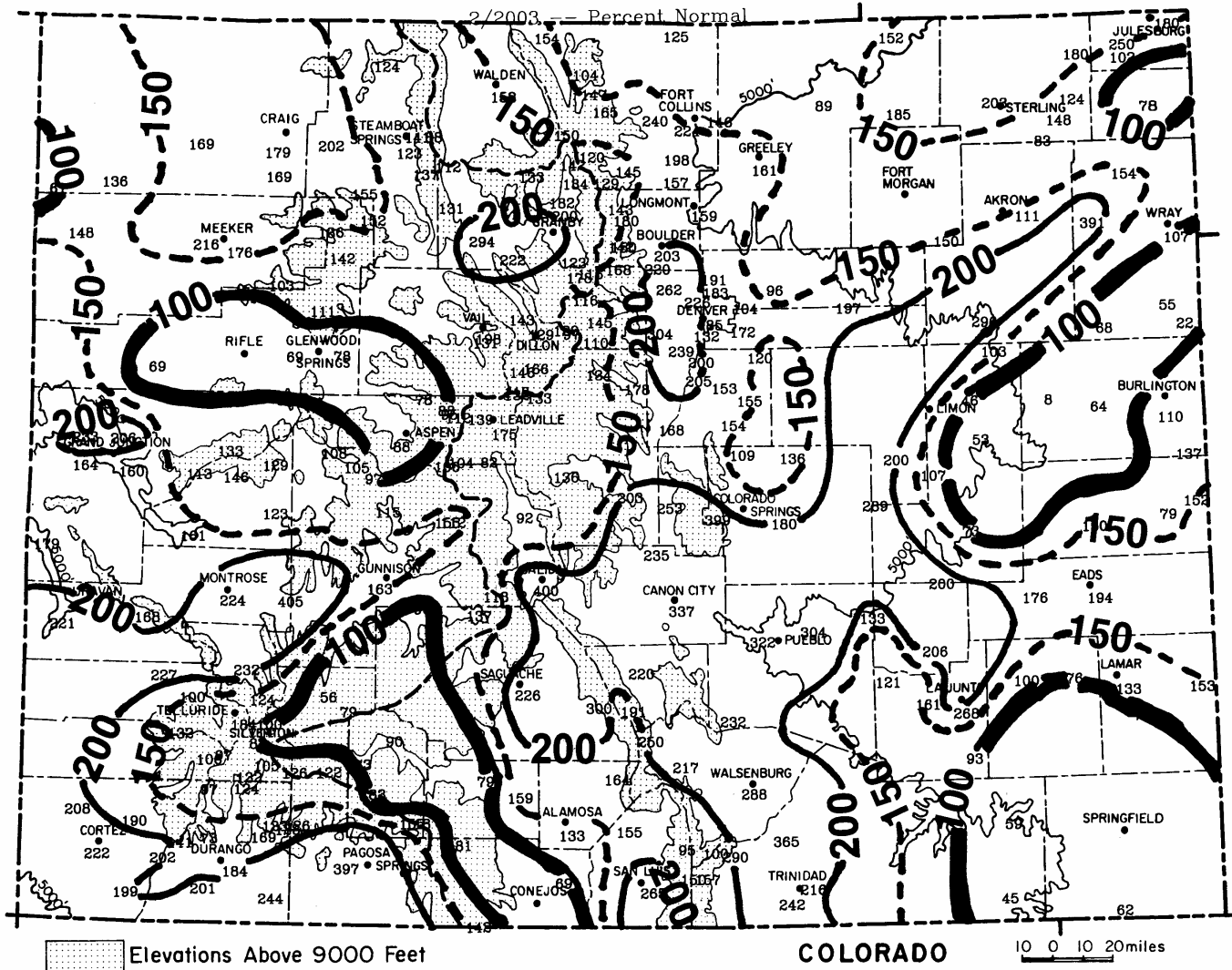
December 2002 % of Average



January 2003 % of Average

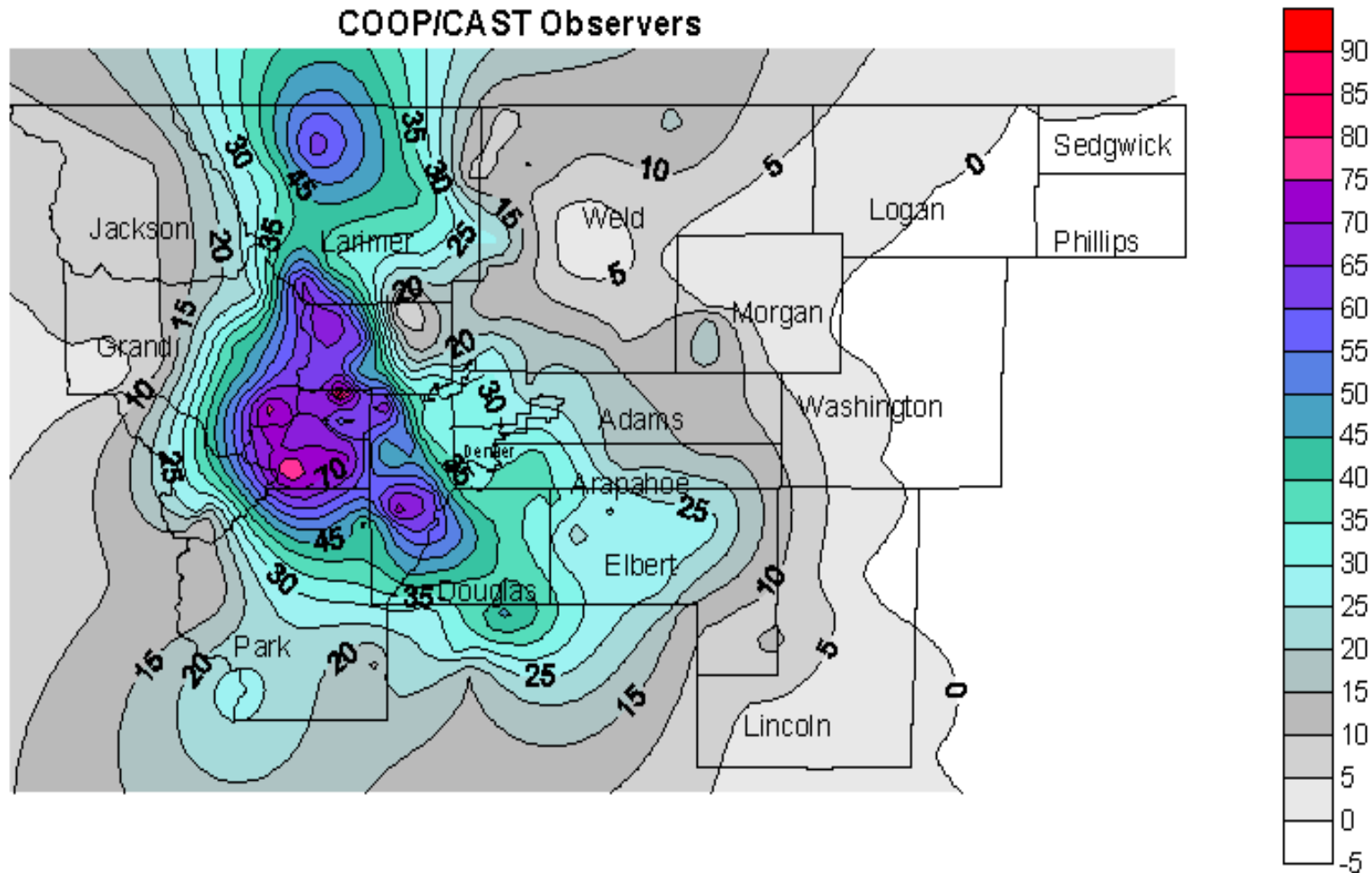


February 2003 % of Average



Blizzard of March 17-20, 2003

March 17-20, 2003 Snowfall Totals





The disappearing fence



The disappearing fence



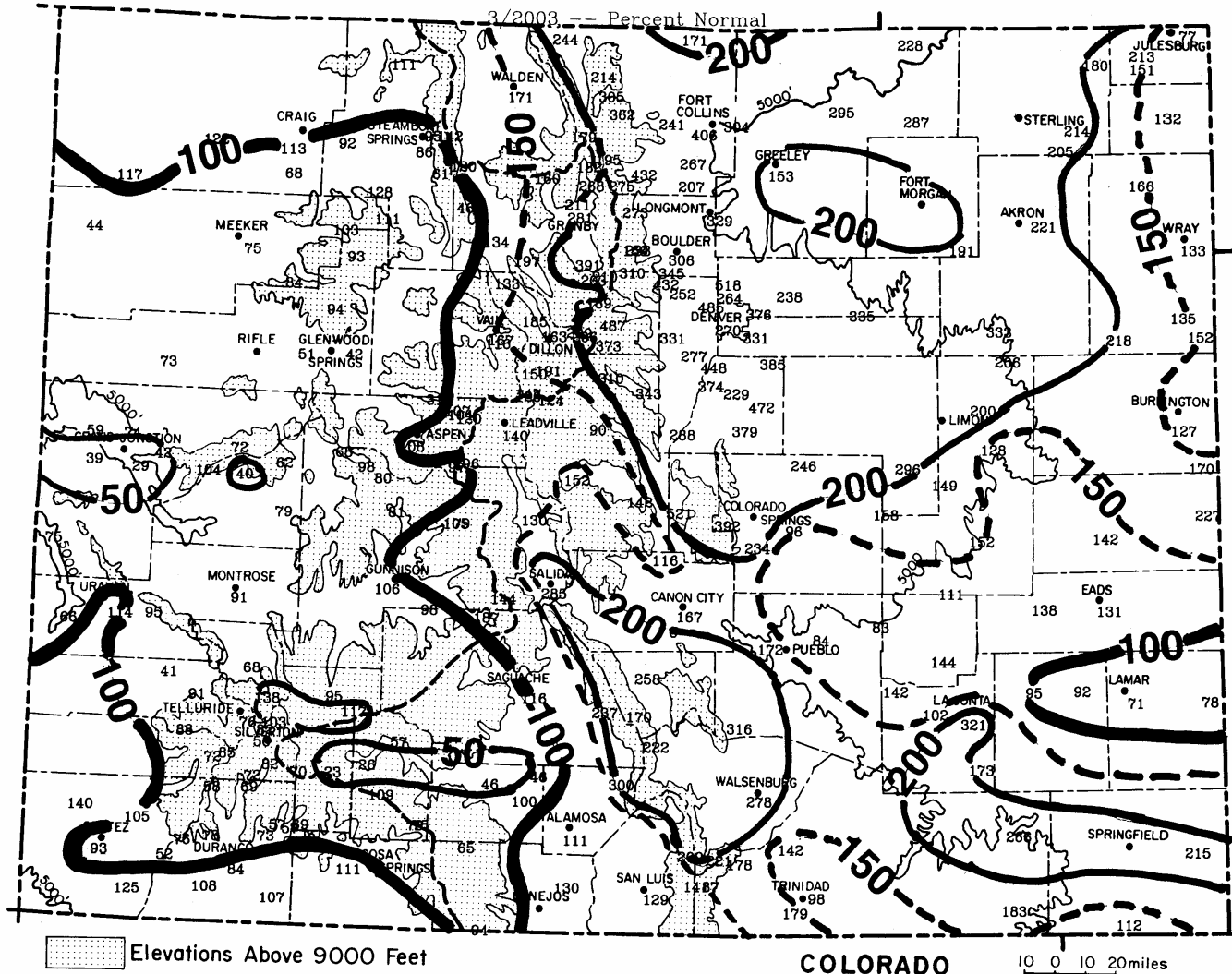
The disappearing fence



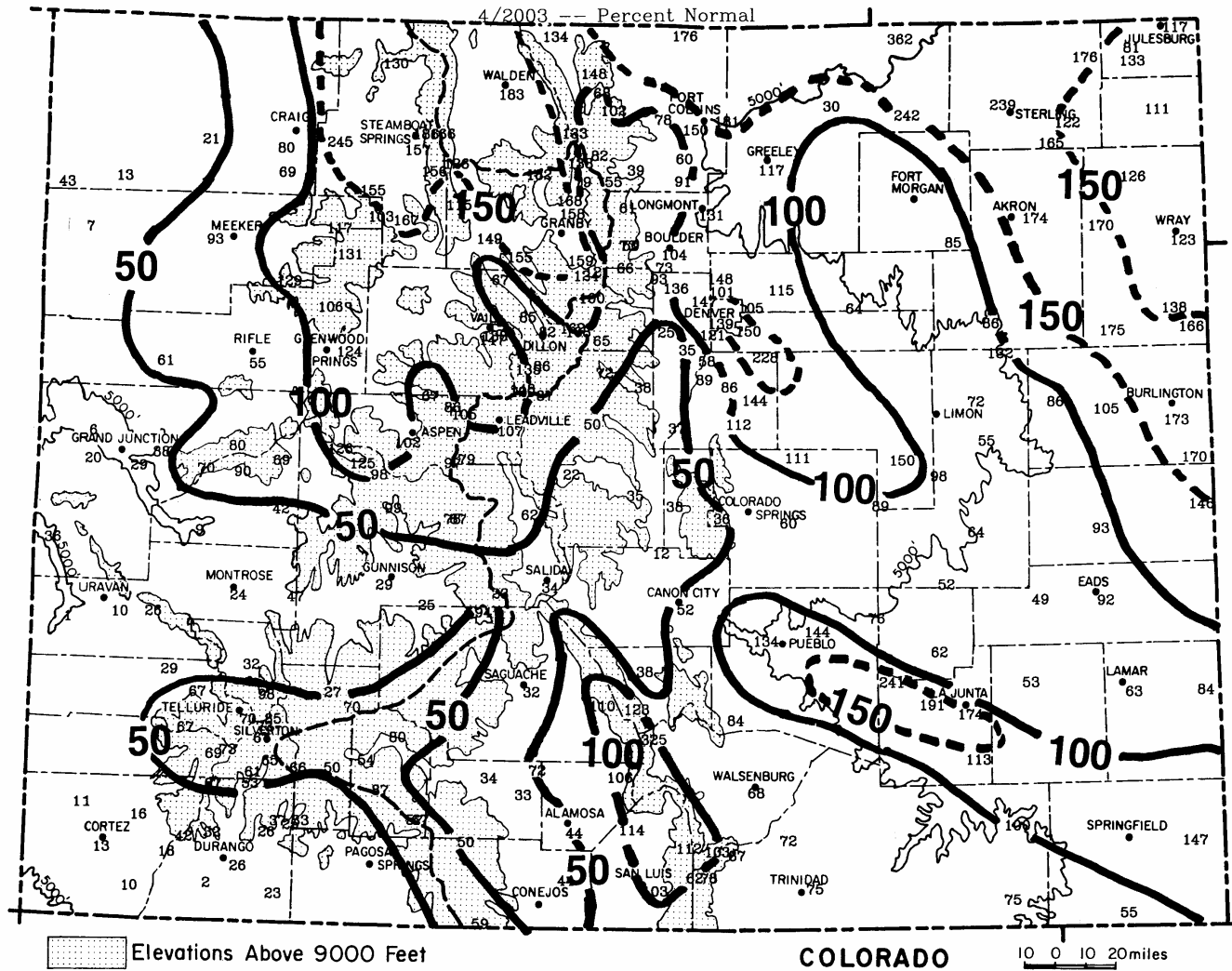
The disappearing fence



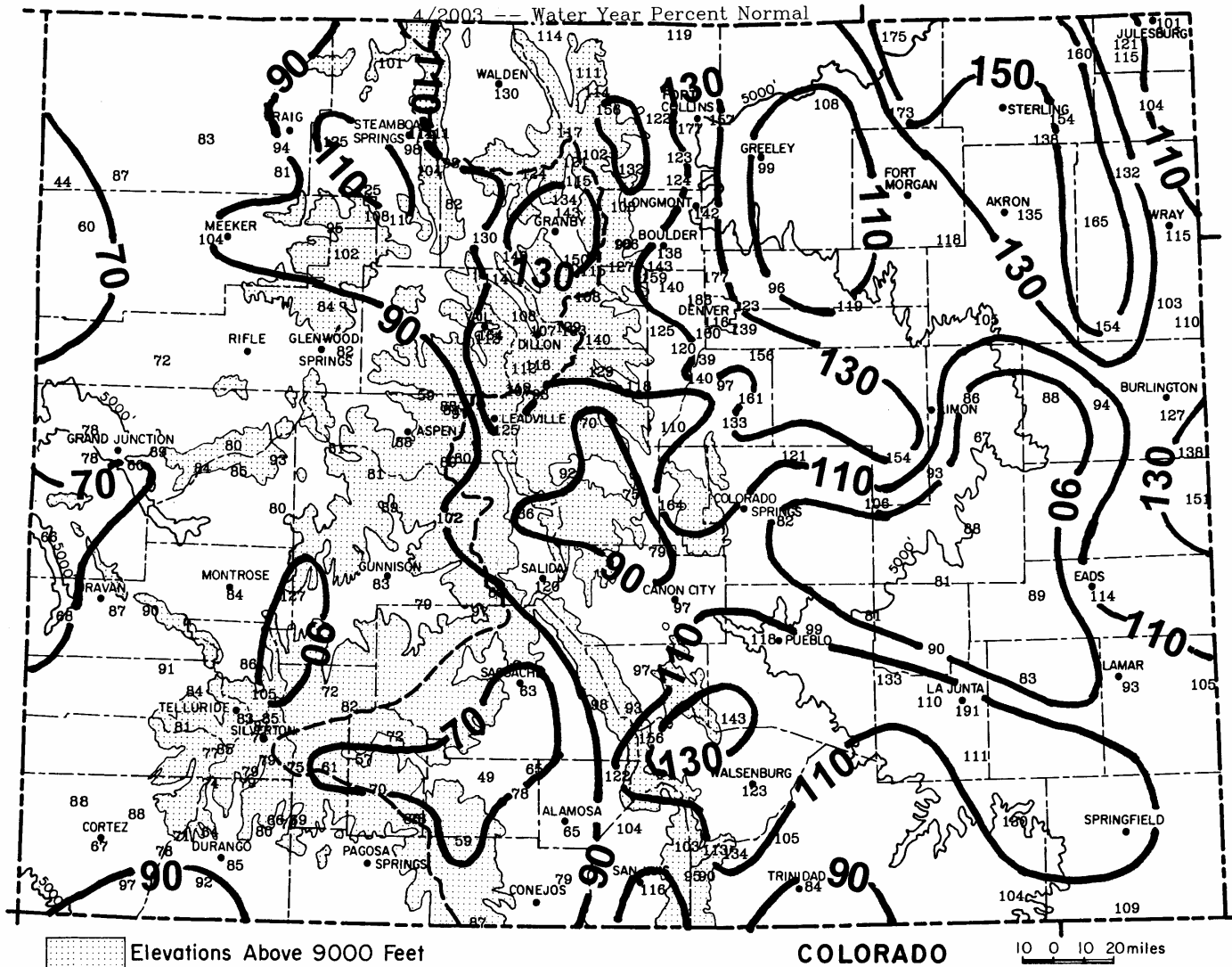
March 2003 % of Average



April 2003 % of Average

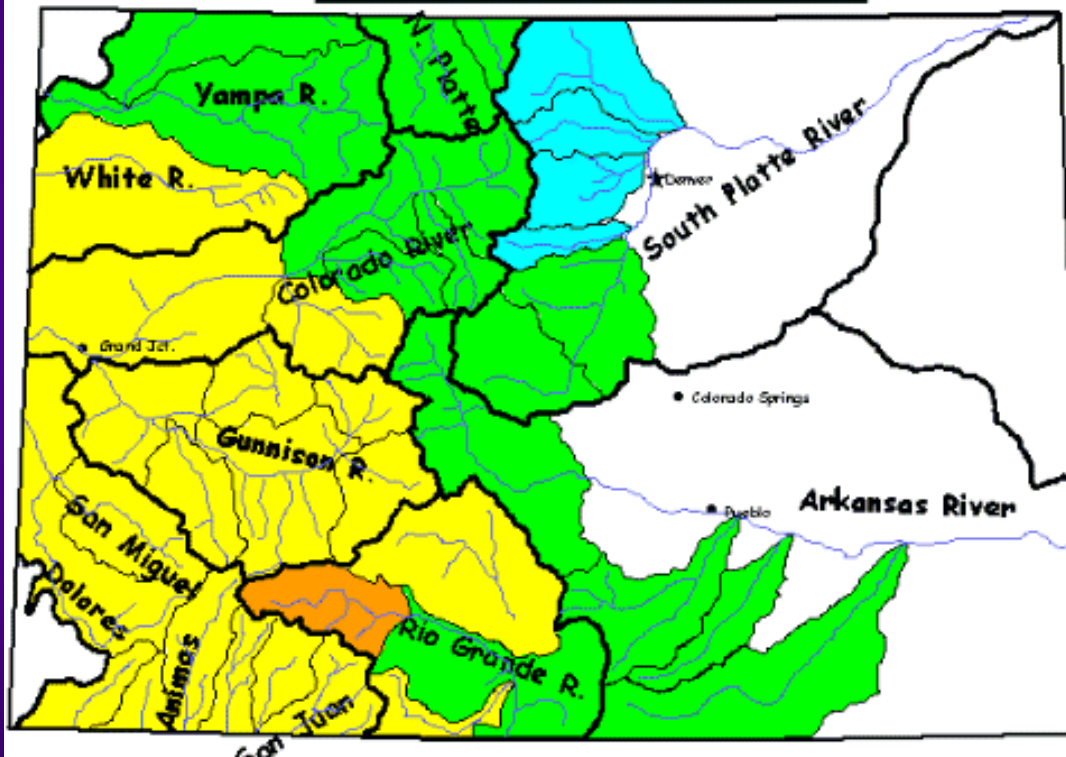


Winter (Oct 2002 - Apr 2003) % of Average













April 1 Snowpack

**Snowpack
April 1, 2003**



Legend

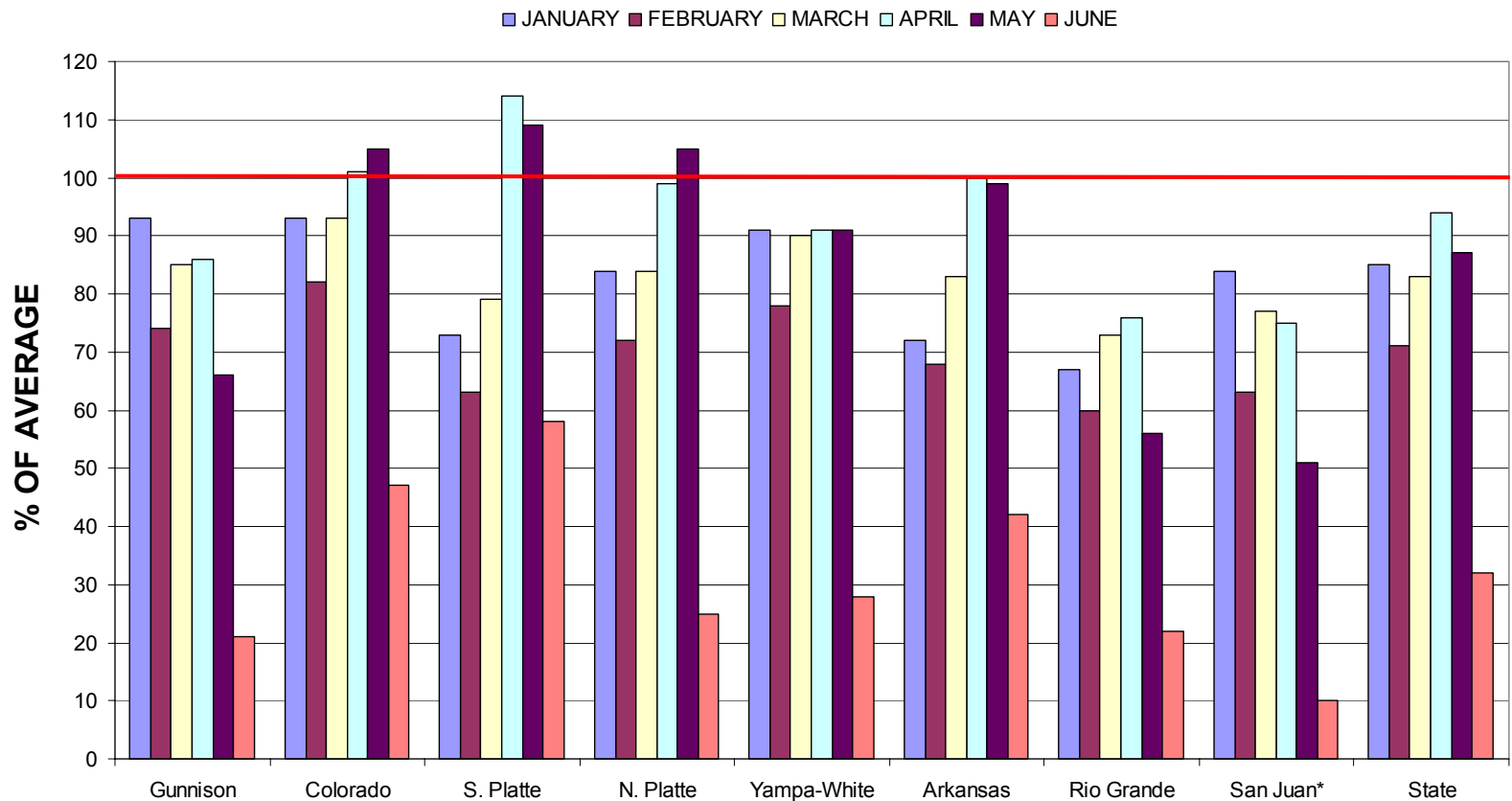
-  > 150% of Average
-  130 - 150% of Average
-  110 - 129% of Average
-  90 - 109% of Average
-  70 - 89% of Average
-  50 - 69% of Average
-  < 50% of Average
-  Not Surveyed
-  Major Basin Boundary
-  Watershed Boundary

**Statewide: 94% of Average
179% of Last Year**

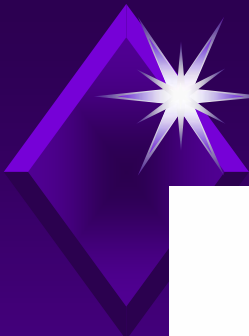
Colorado Snowpack for 2003

COLORADO SNOWPACK Summary for 2003

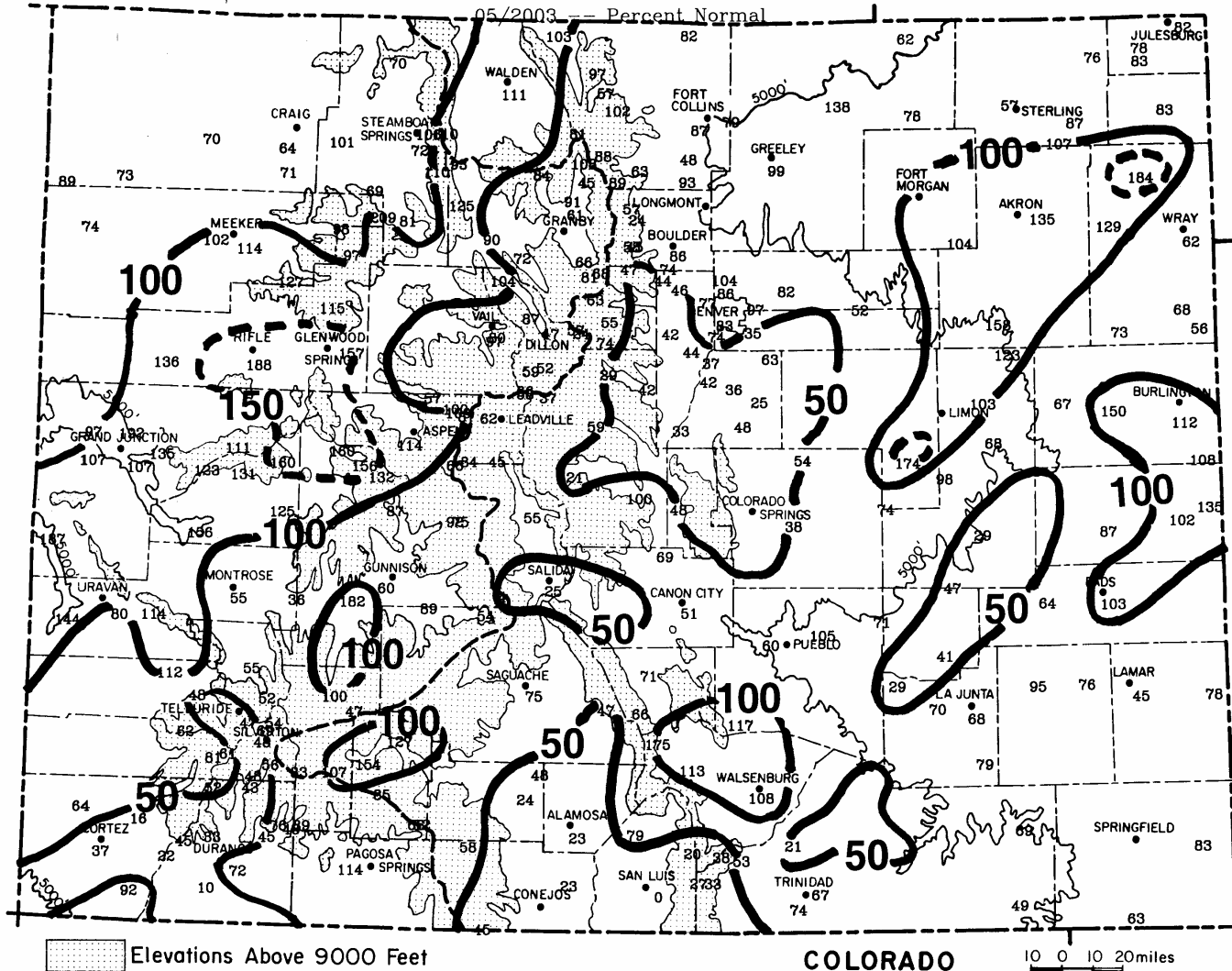
USDA Natural Resources Conservation Service



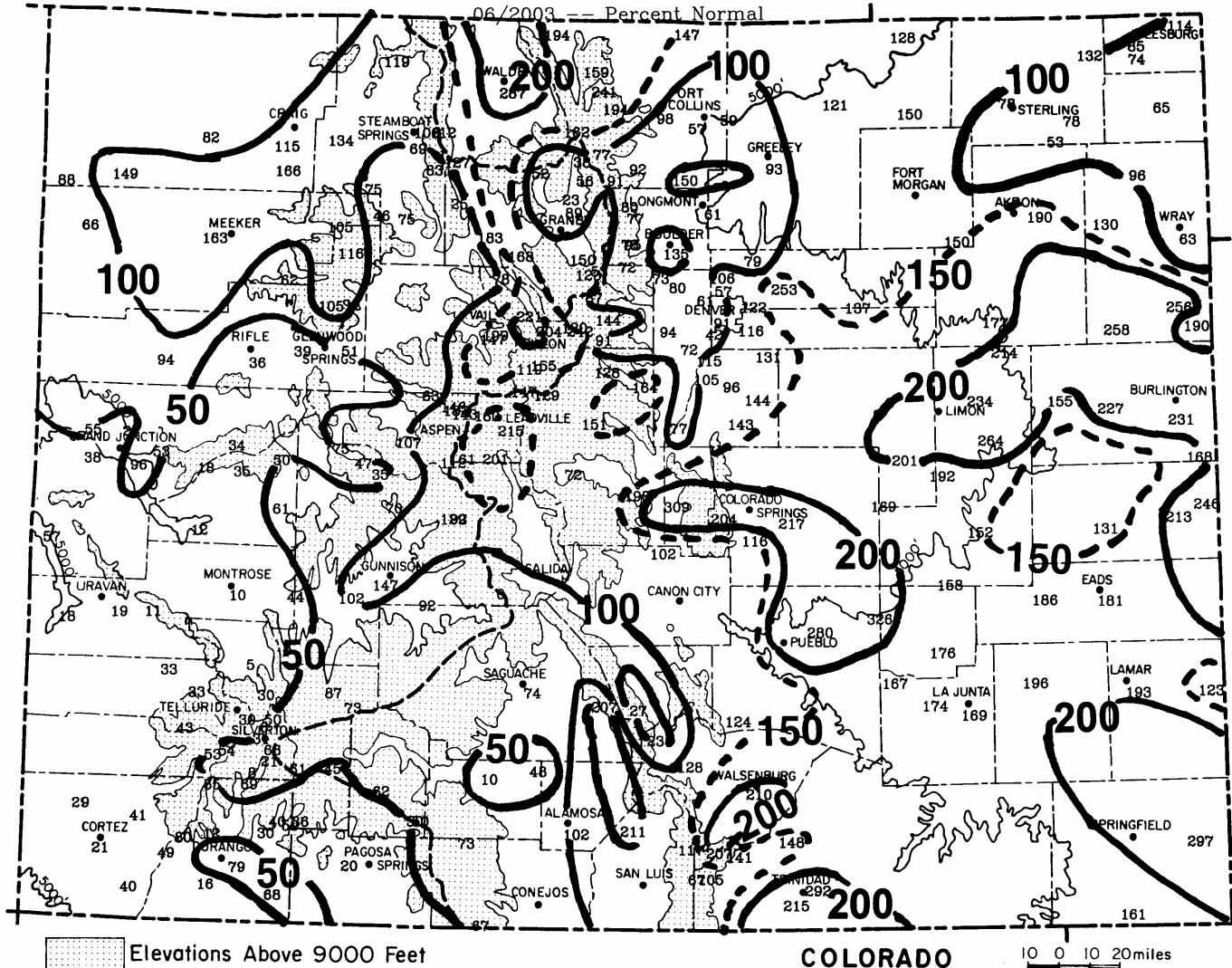
*Includes Animas, Dolores, San Miguel Basins



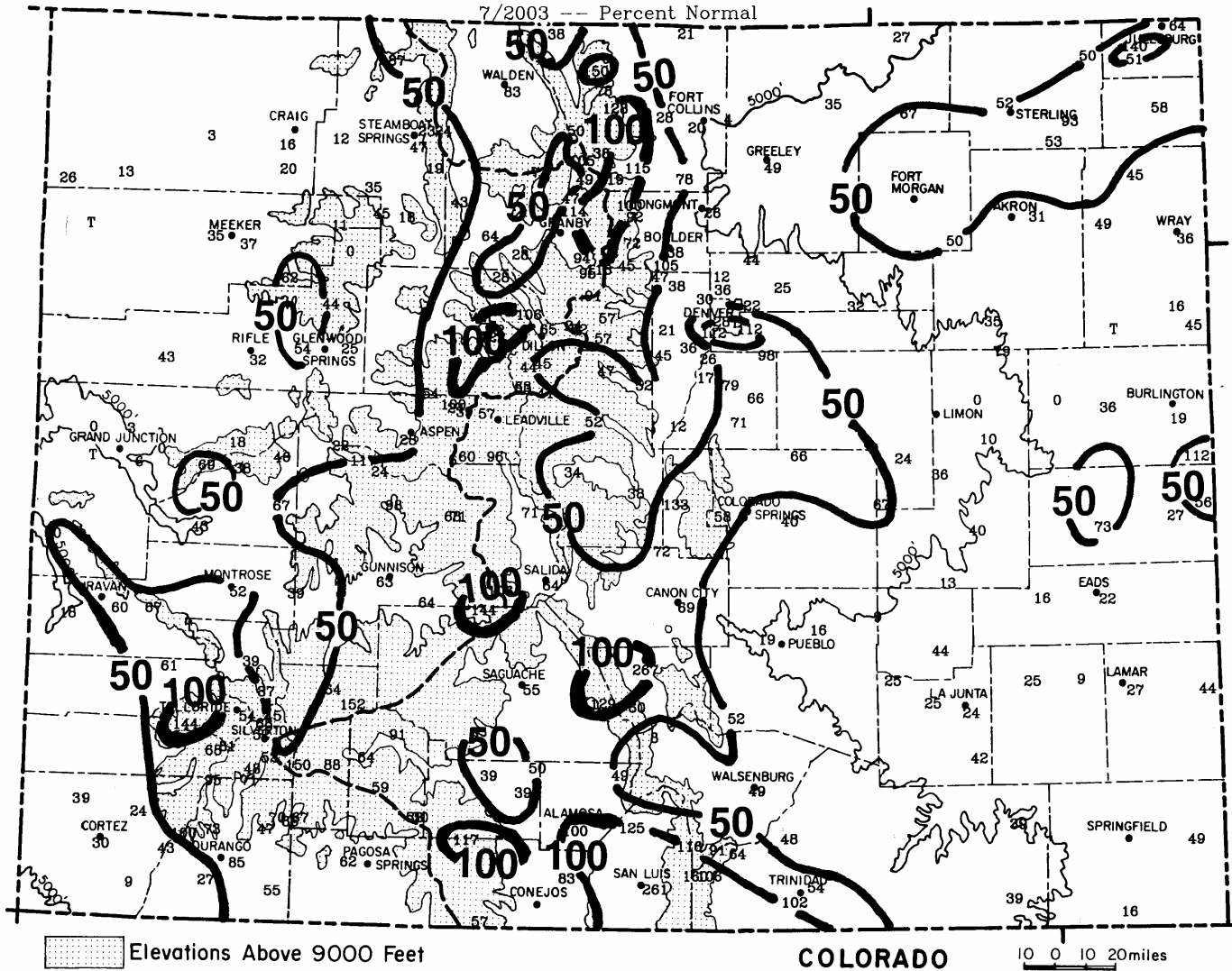
May 2003 % of Average



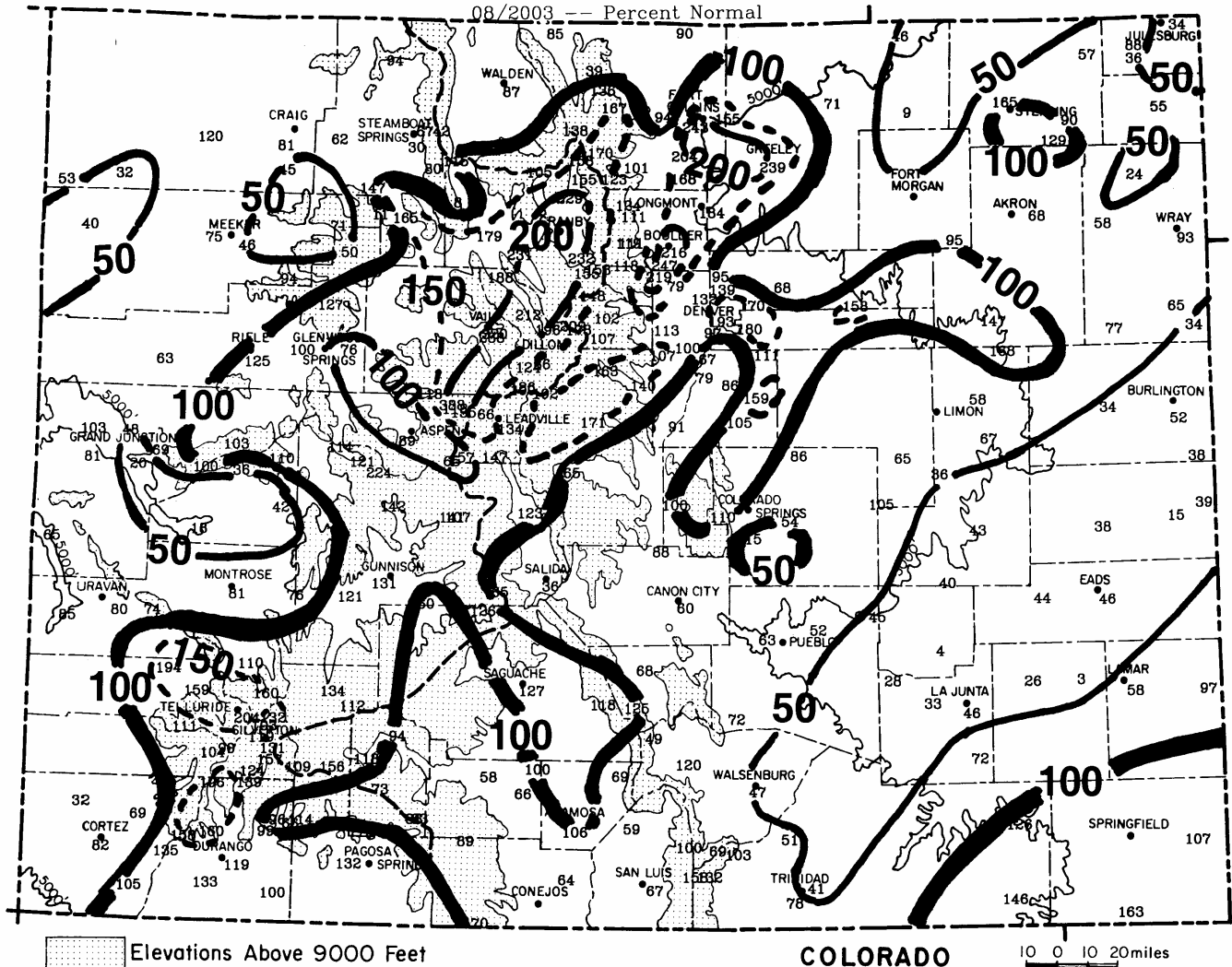
June 2003 % of Average



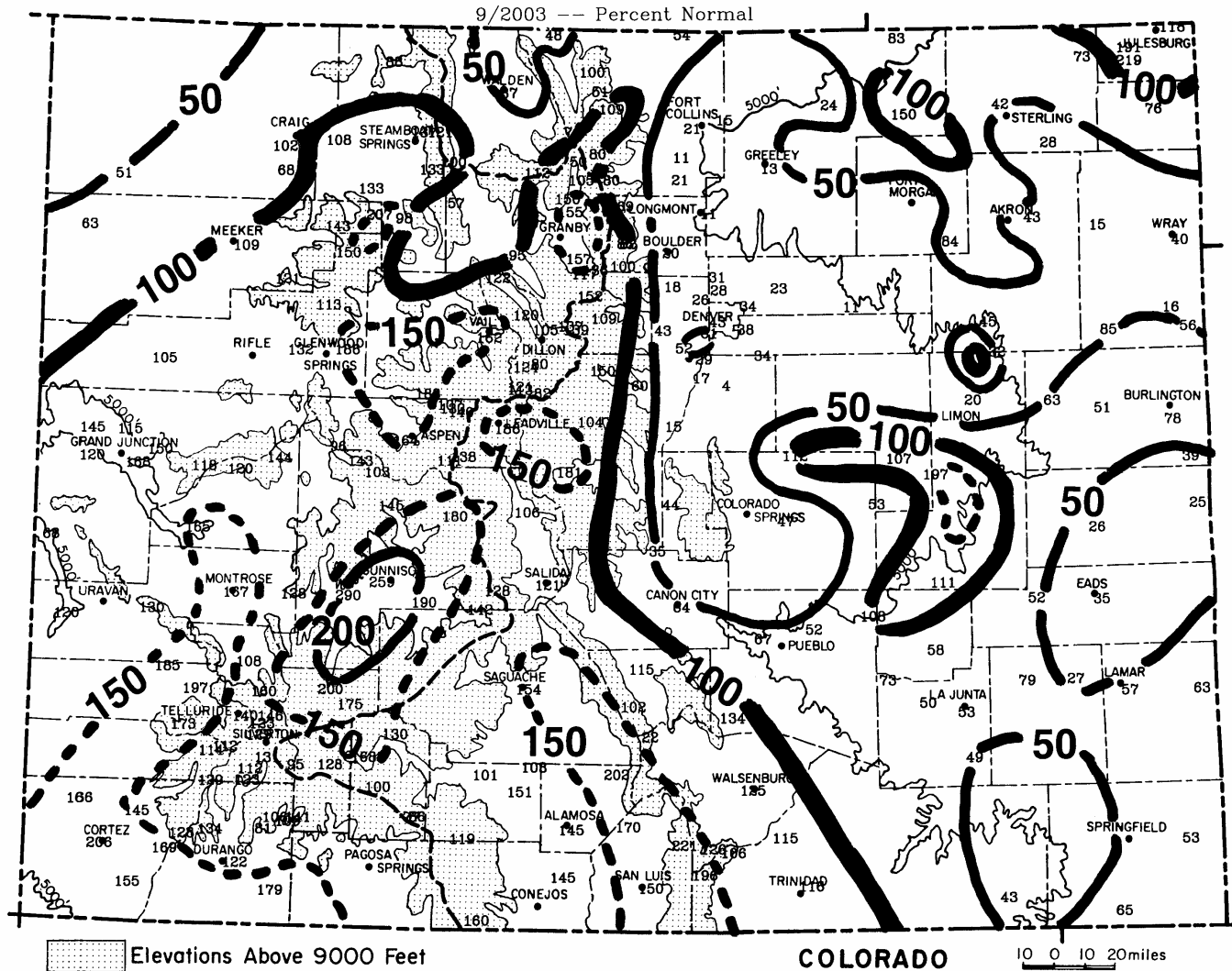
July 2003 % of Average



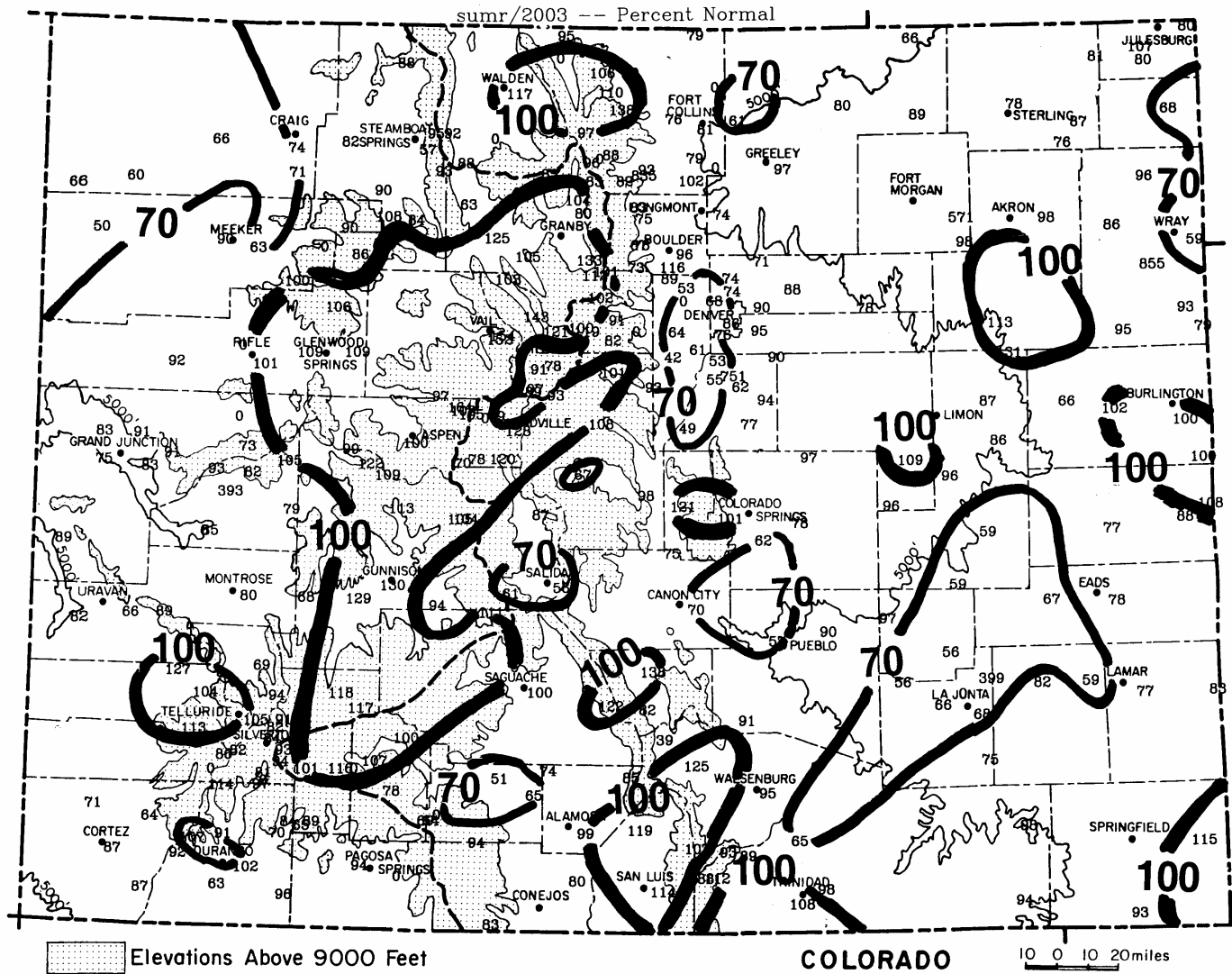
August 2003 % of Average



September 2003 % of Average

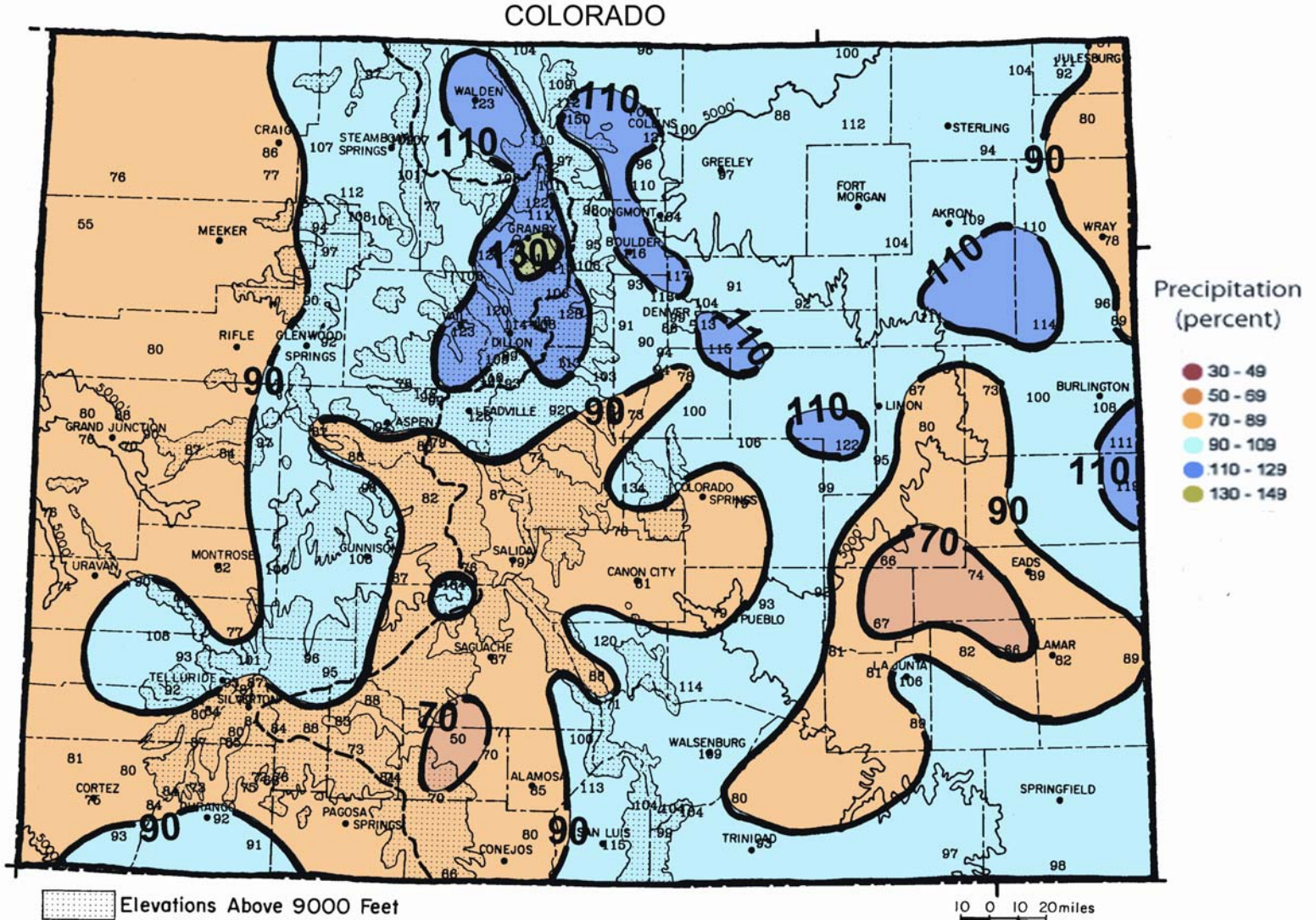


May-Sep 2003 Growing Season



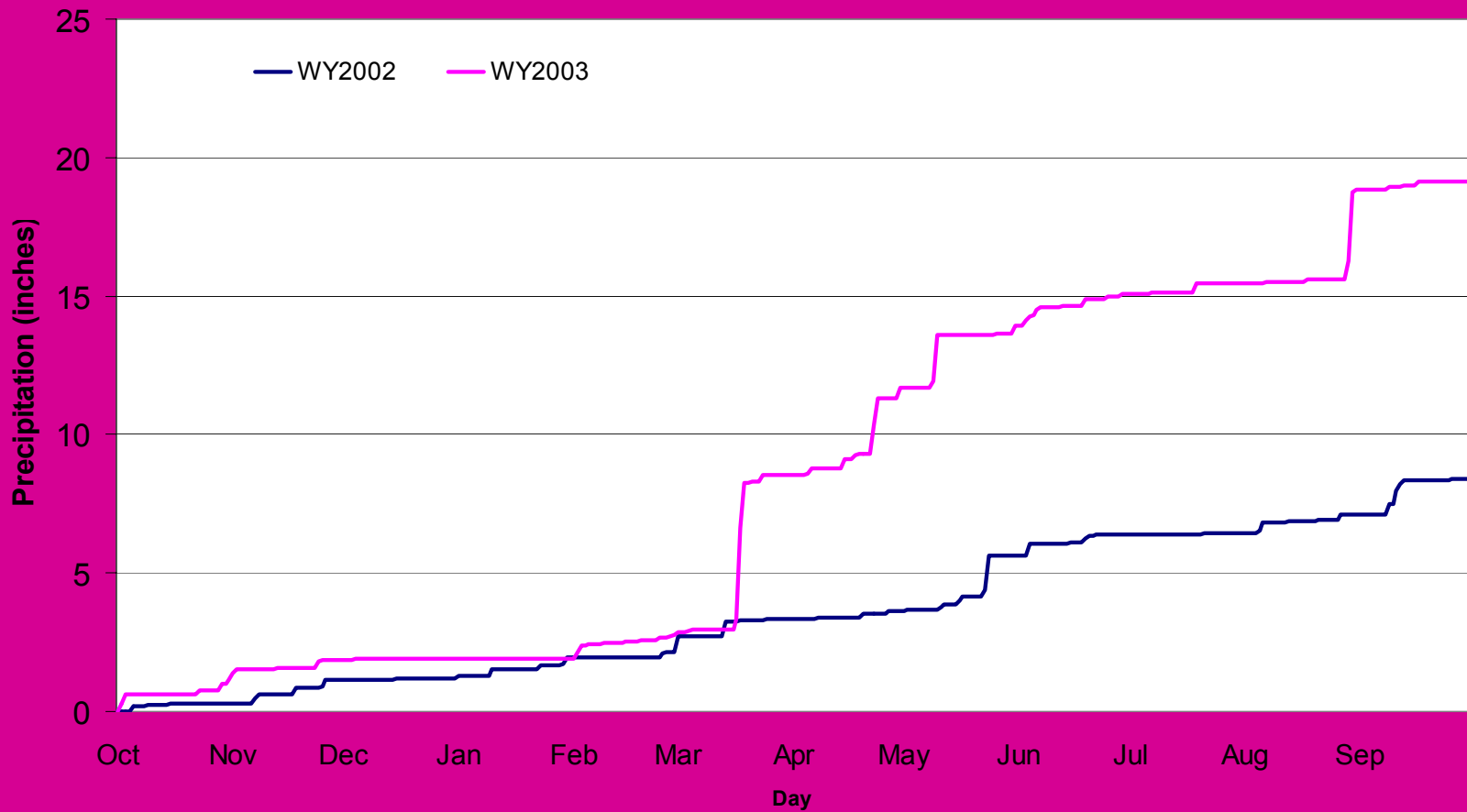
2003 Water Year Precipitation

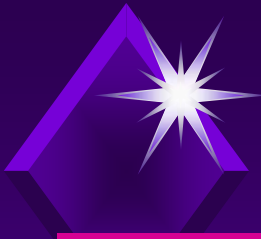
October 2002 - September 2003 precipitation
as a percent of the 1971-2000 average.



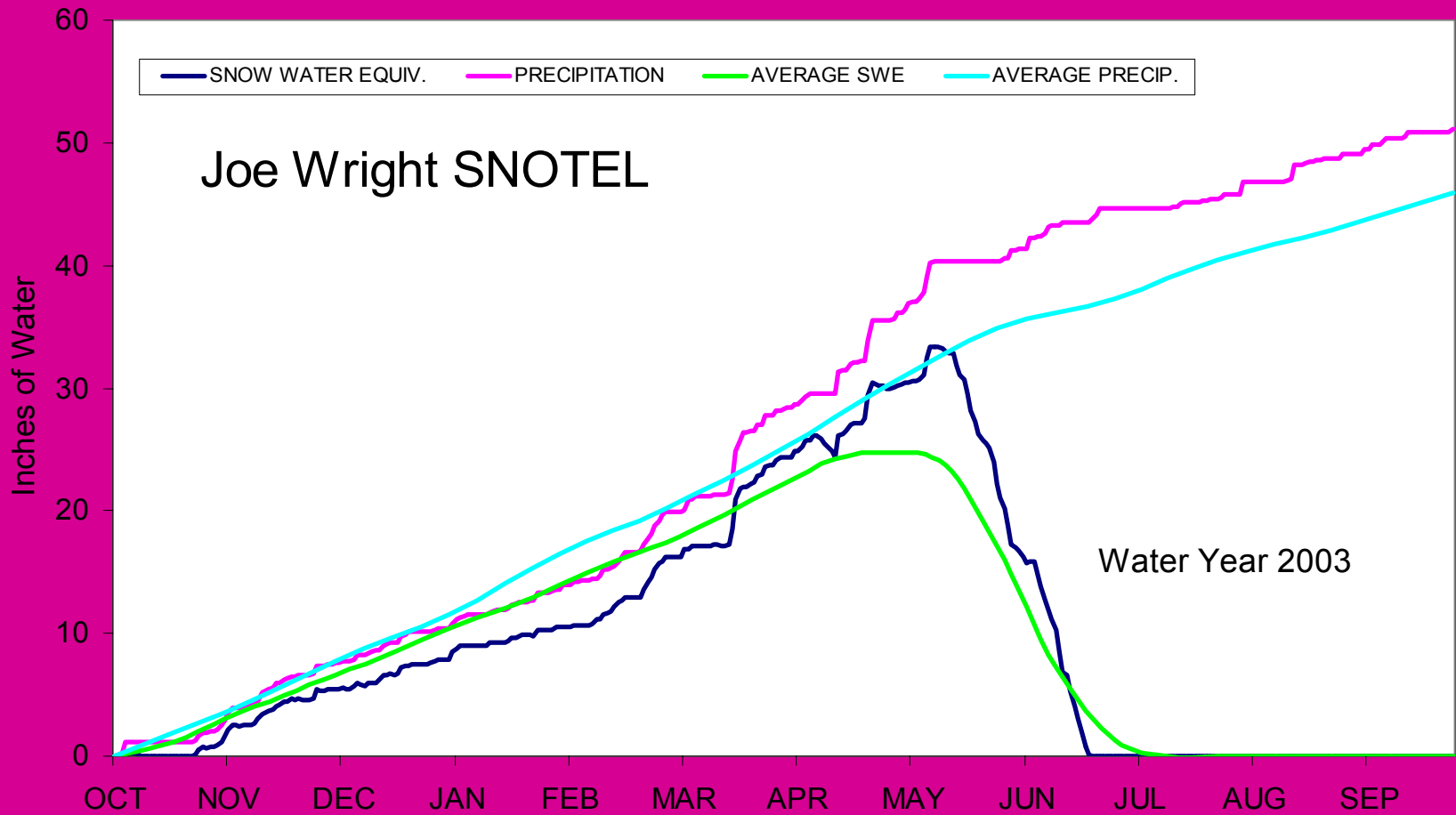
Fort Collins Daily Accumulated Precipitation for WY2002 and WY2003

Fort Collins Daily Accumulated Precipitation



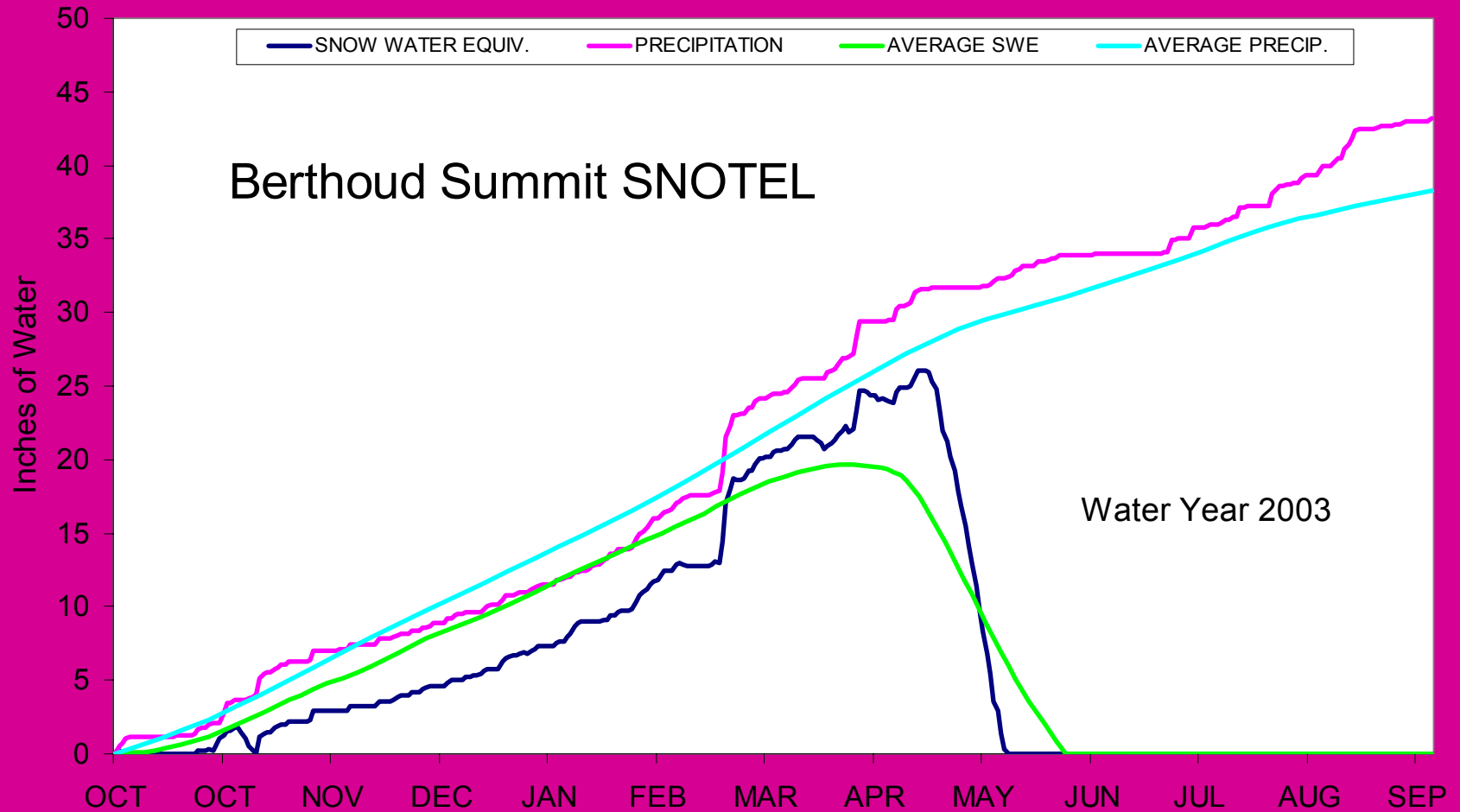


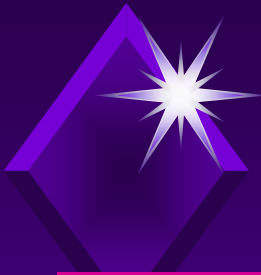
Joe Wright Snotel



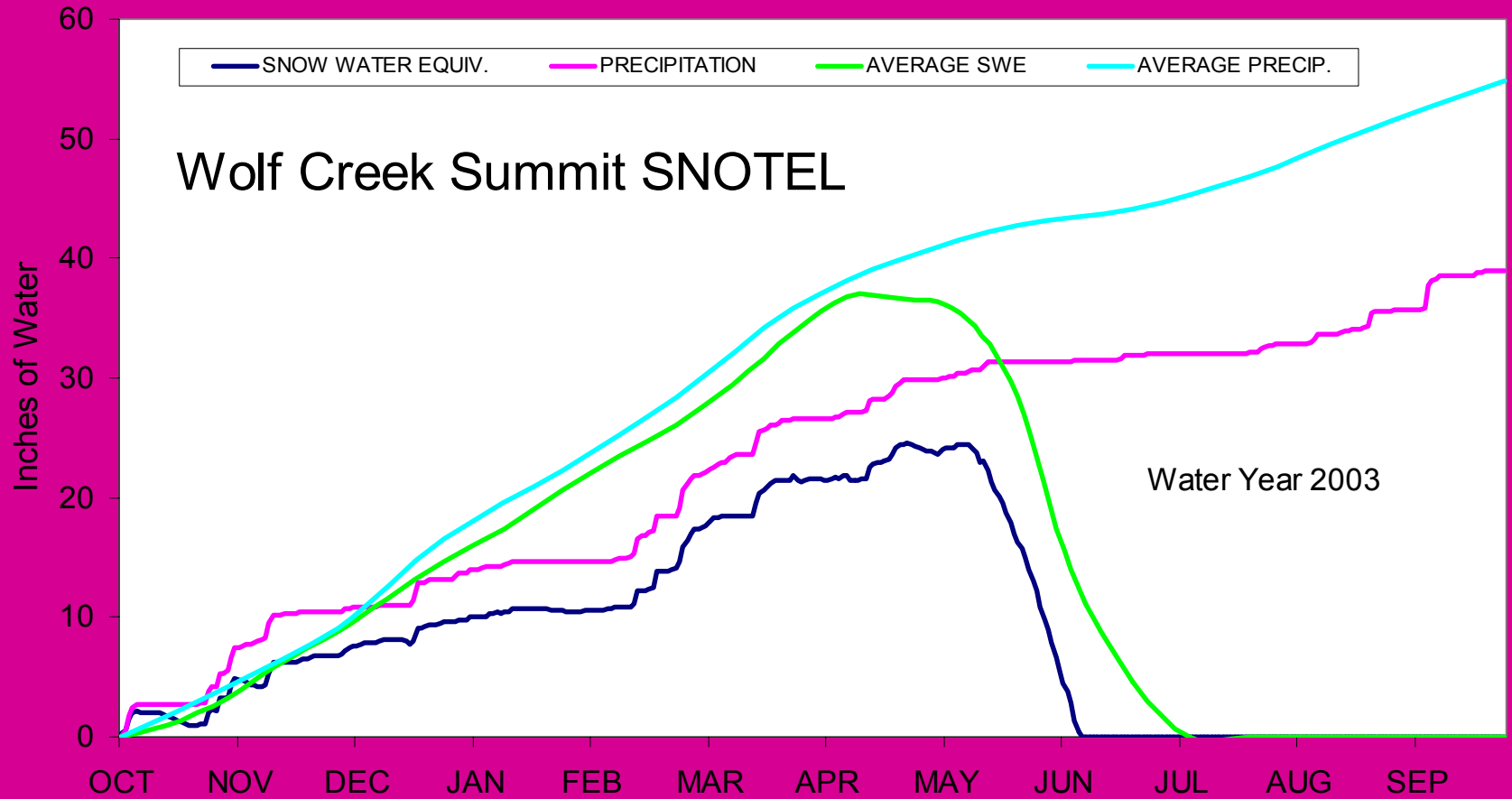


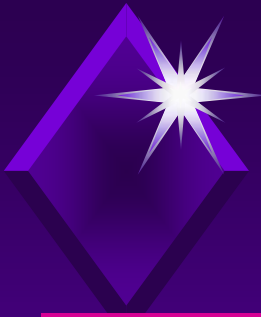
Berthoud Summit Snotel



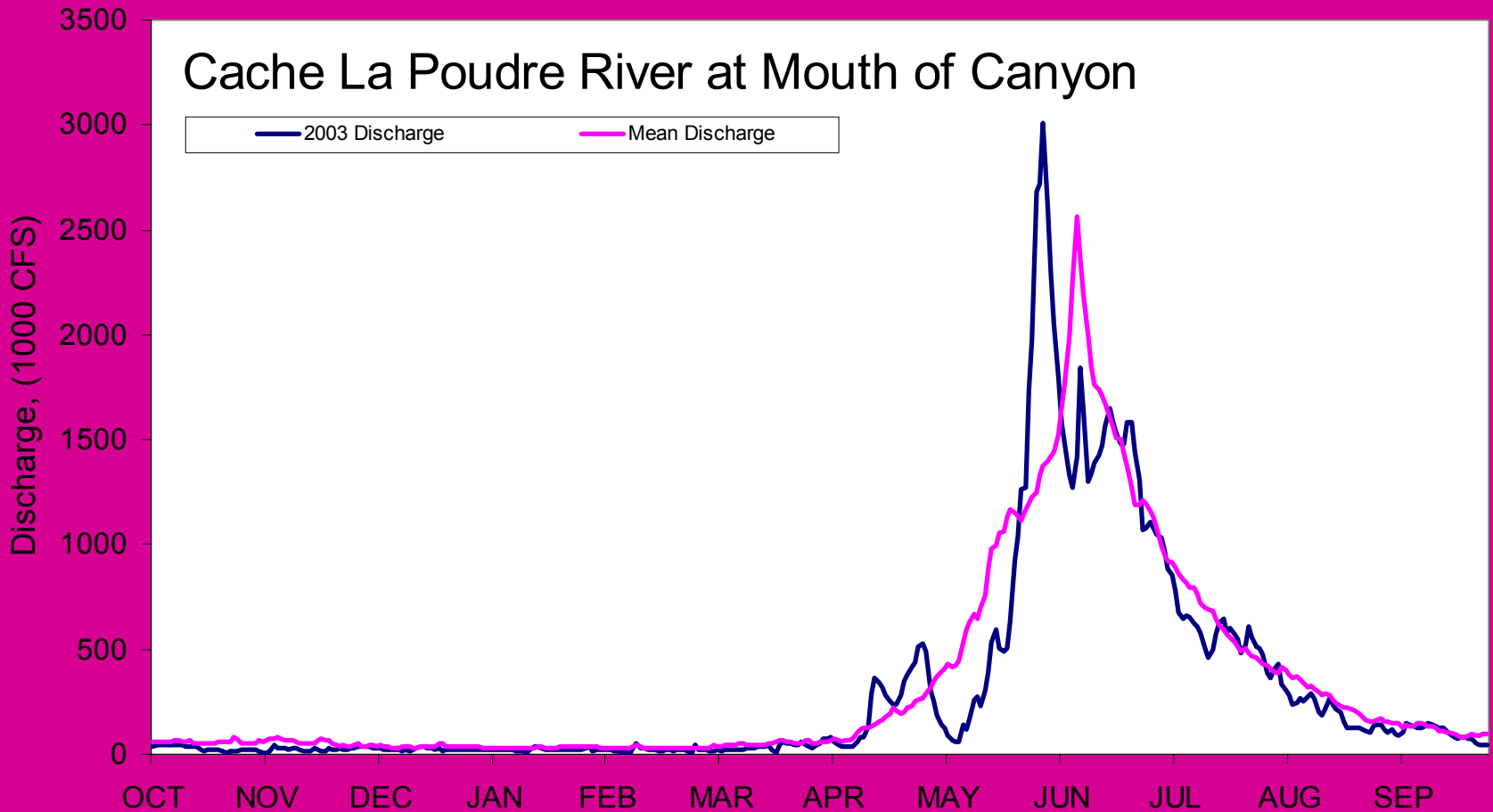


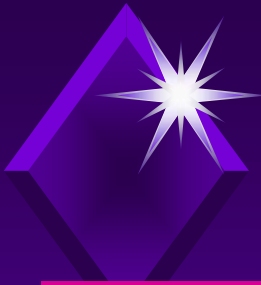
Wolf Creek Summit Snotel



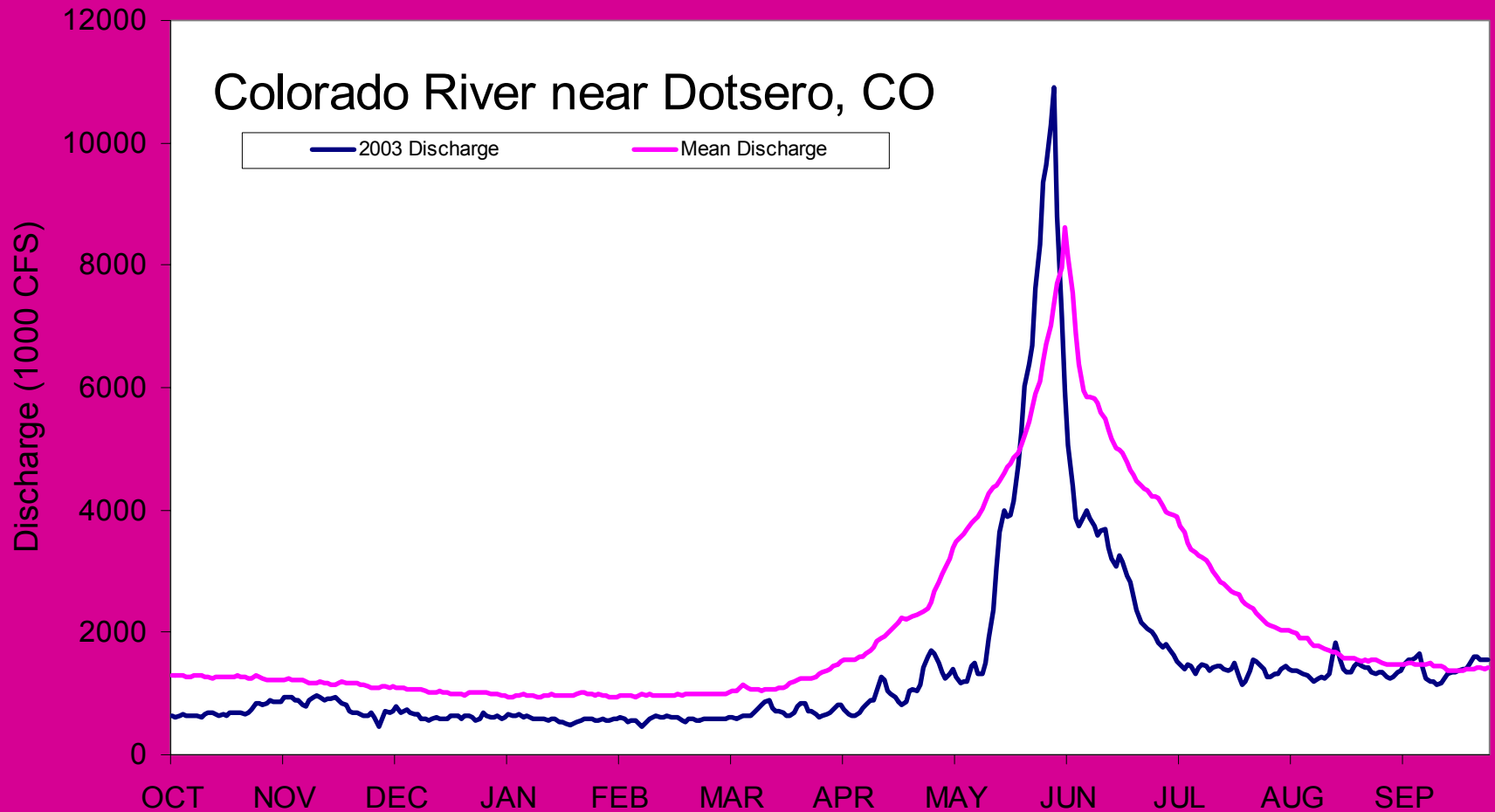


Cache La Poudre River Streamflow



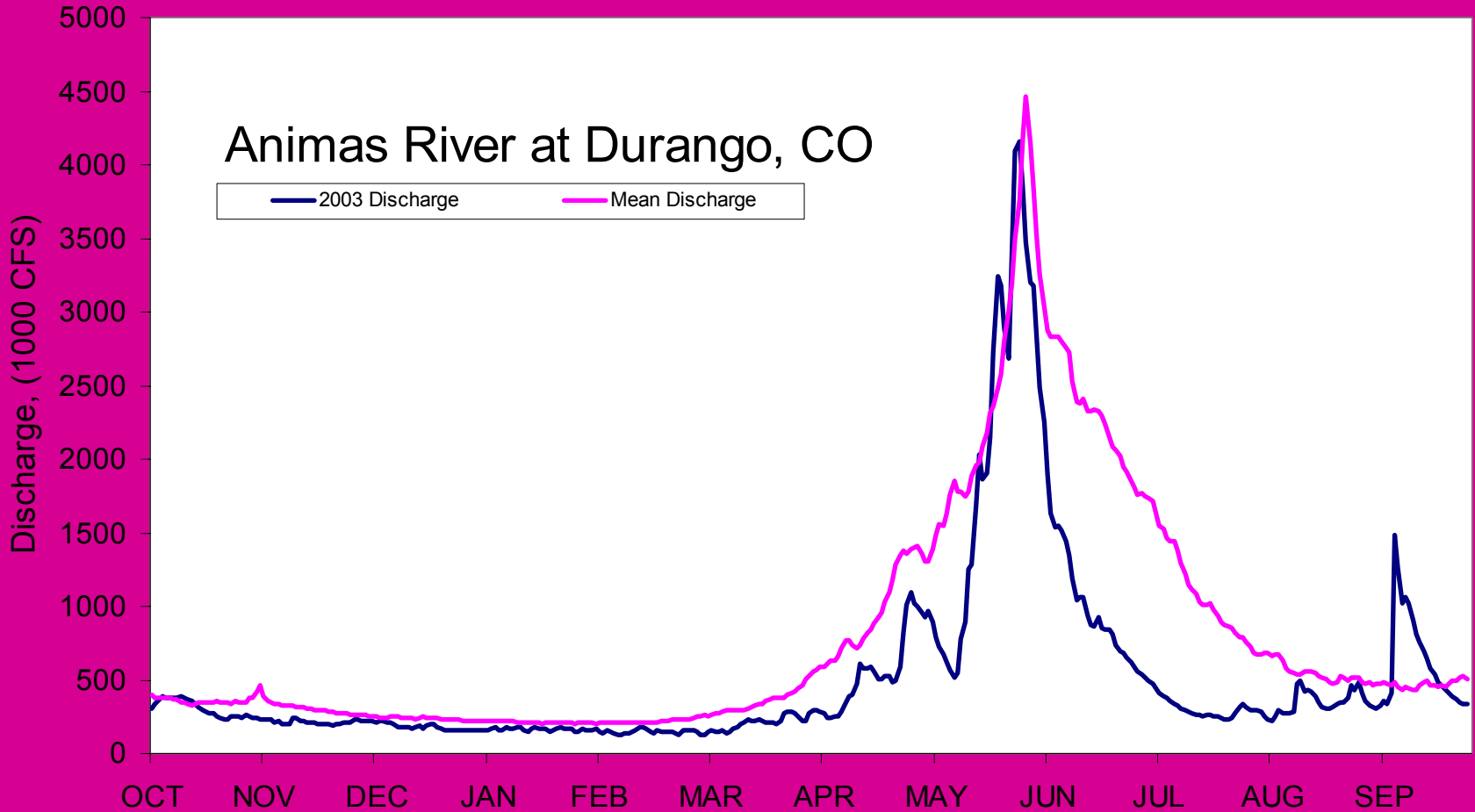


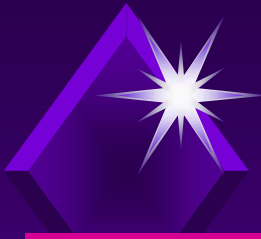
Colorado River Streamflow



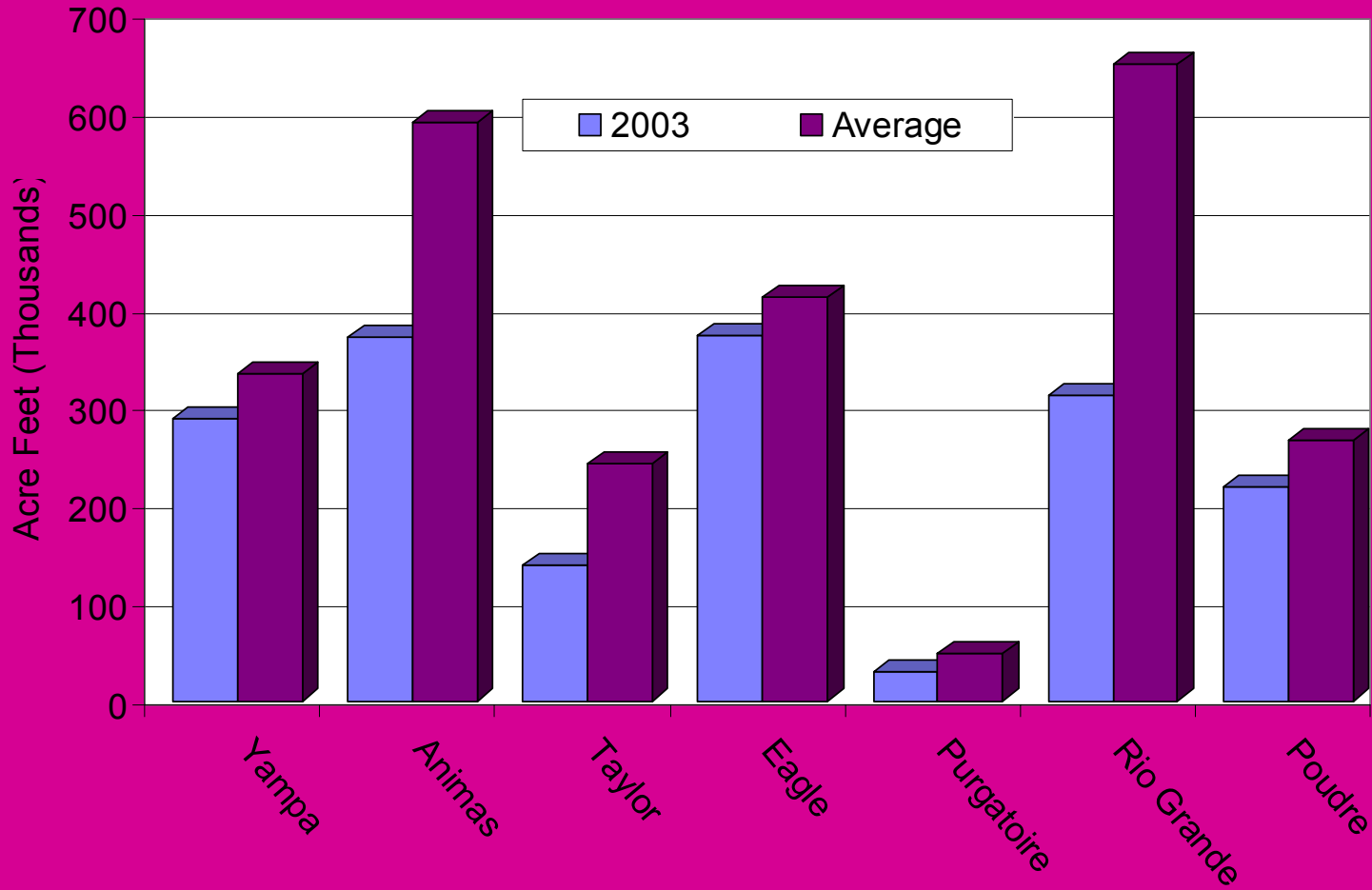


Animas River Streamflow

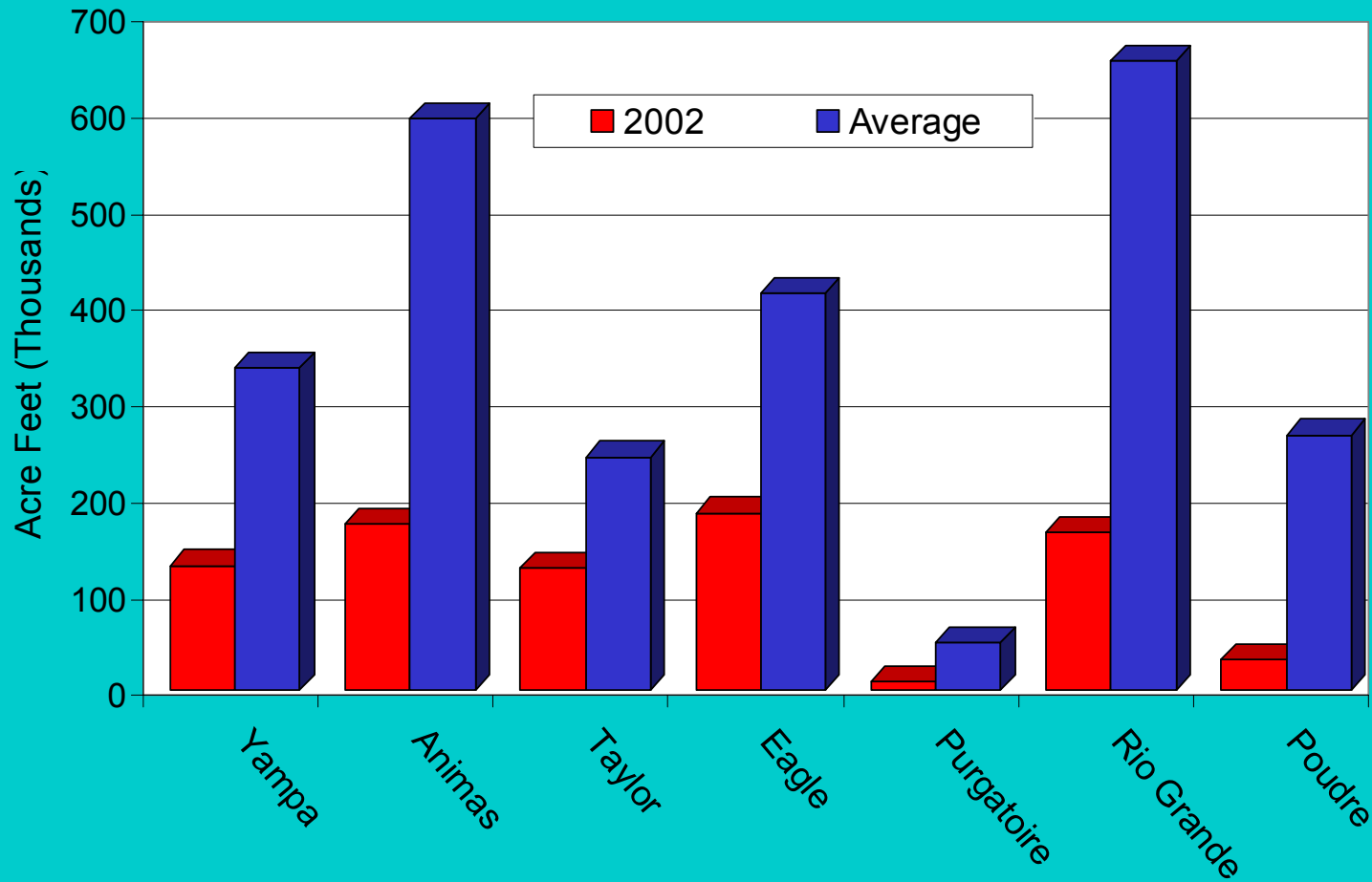




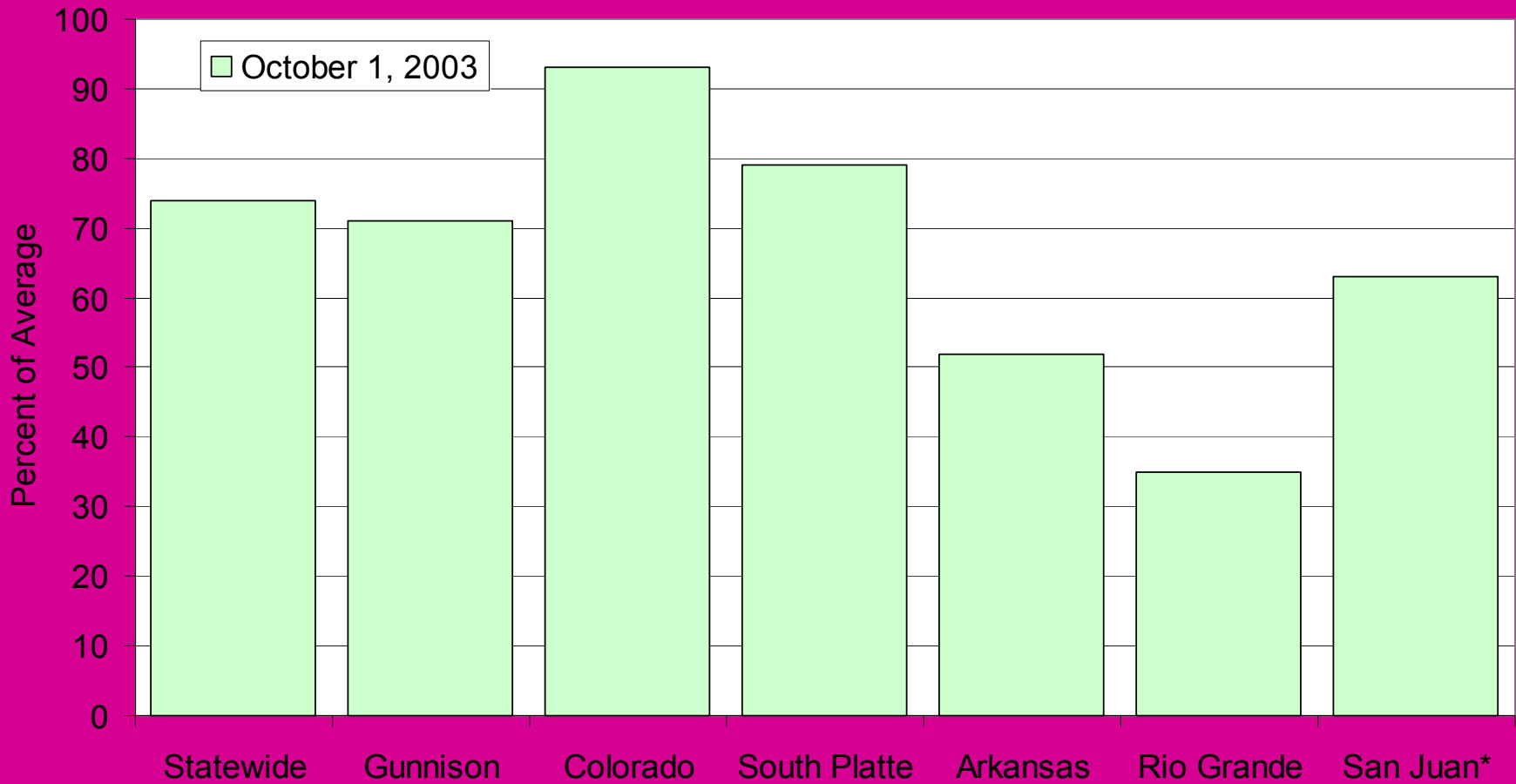
Streamflow for 2003 vs. Average



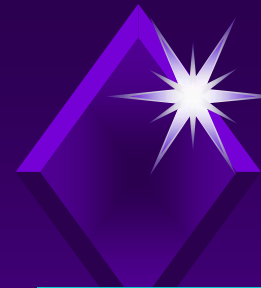
2002 Streamflows for Selected Basins



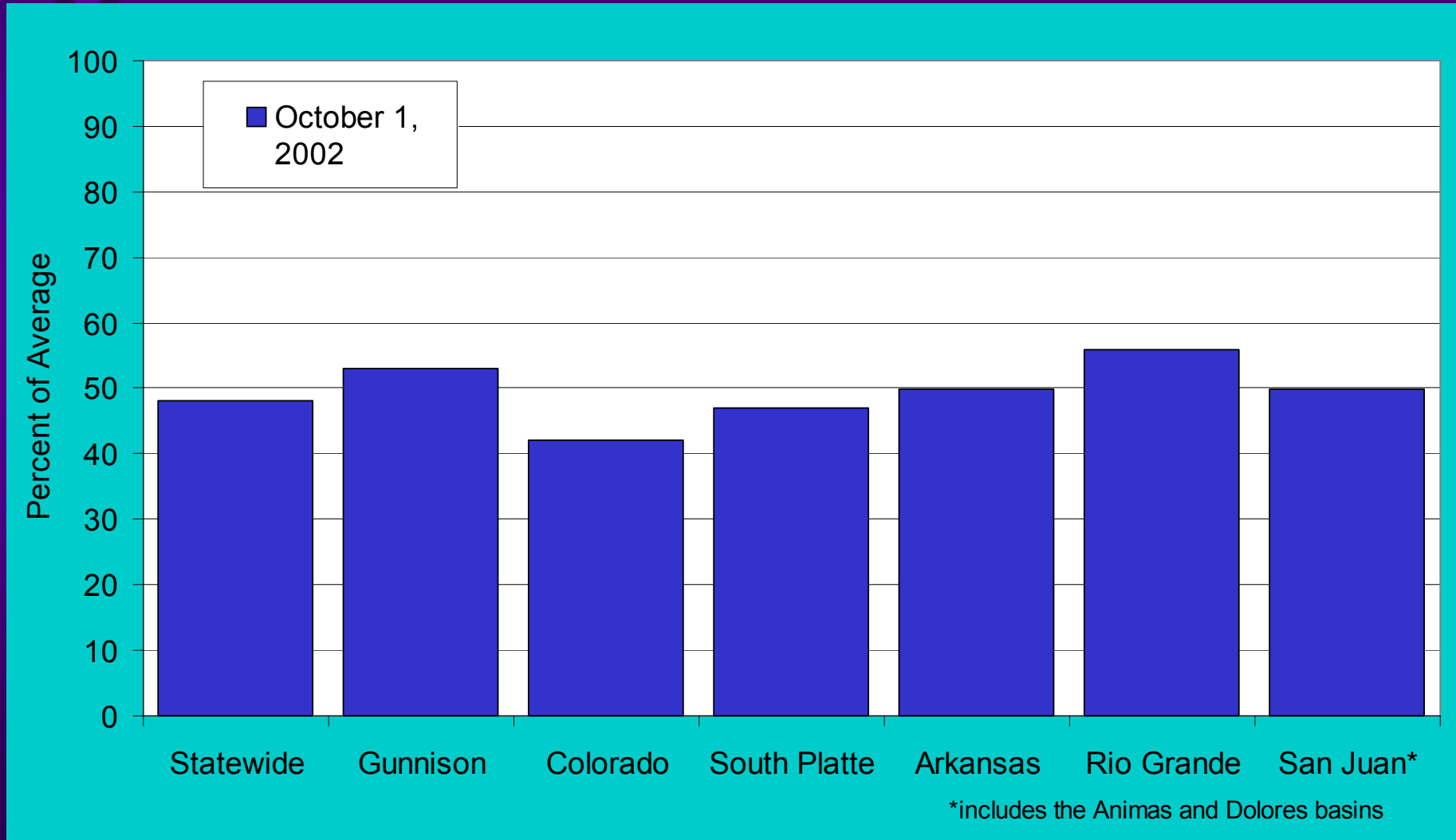
Reservoir Storage by Basin for Oct 1, 2003



*includes the Animas and Dolores basins

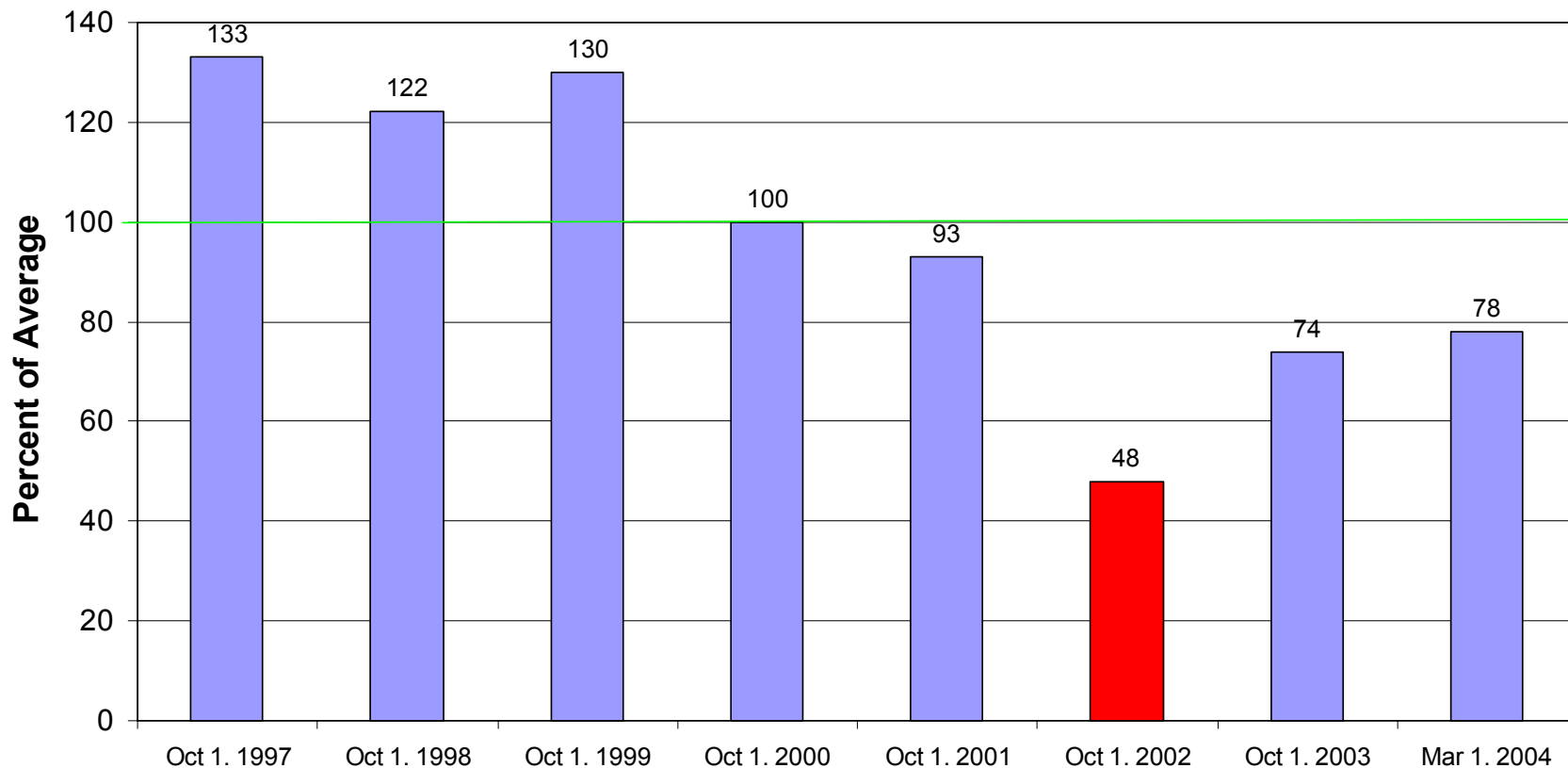


Reservoir Storage by Basin For Oct. 1, 2002



Colorado Reservoir Storage

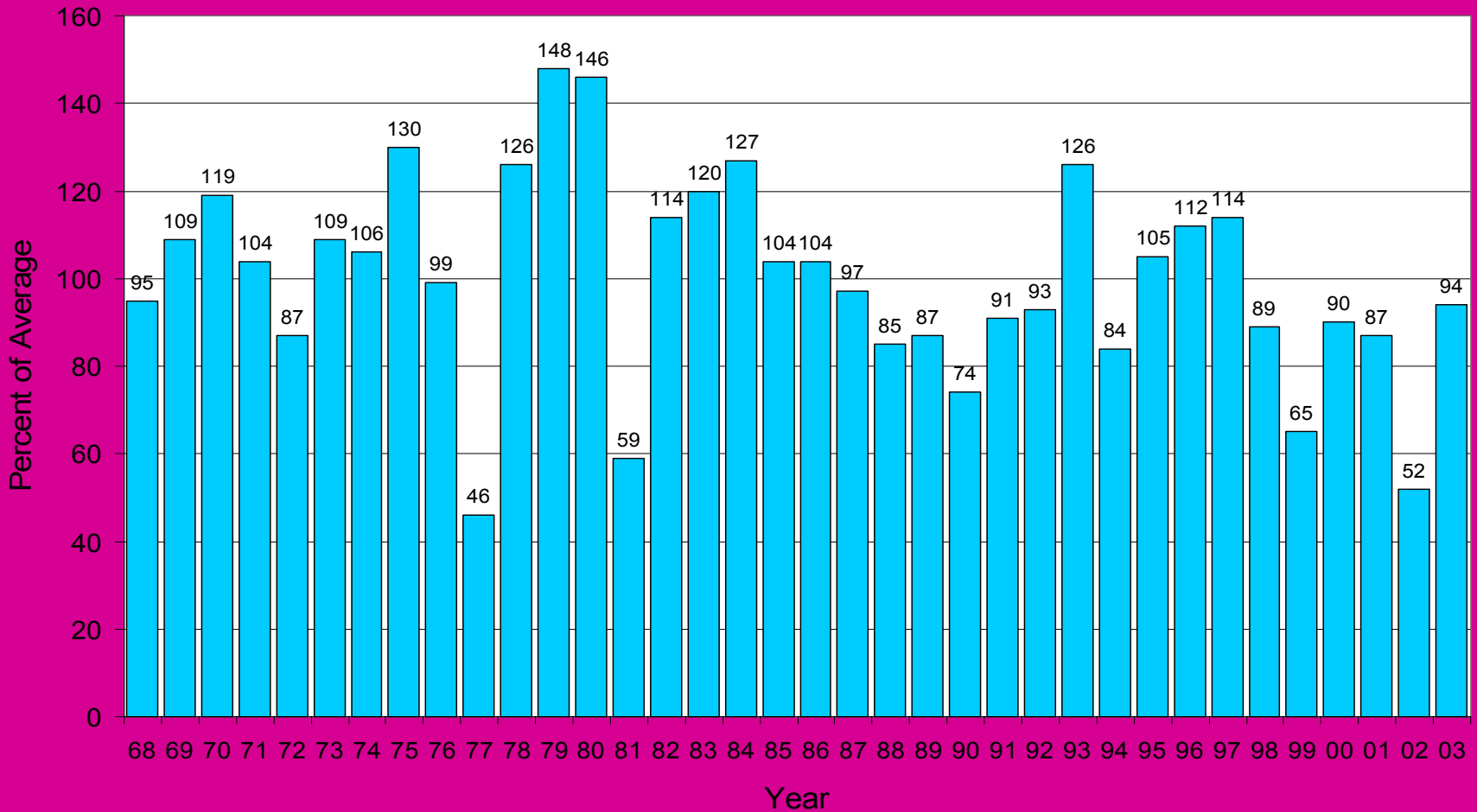
Colorado Statewide Reservoir Levels on October 1st
for Years 1997-2003 and Mar 1, 2004

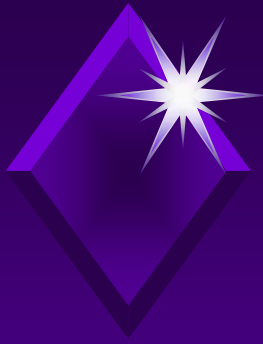




April 1 Snowpack History

APRIL 1 SNOWPACK
COLORADO STATEWIDE





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”