2003 Water Year Wrap-Up and Look Ahead

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Colorado Average Annual Precipitation Map

Average Annual Precipitation
1961 - 1990
inches per year

- 0-8
- 9-10
- 10-12
- 12-14
- 14-16
- 16-18
- 18-20
- 20-24
- 24-26
- 28-32
- 32-36
- 36-40
- 40-44
- 44-48
- 48-52
- 52-56
- 56-60
- 60-70
Water Year 2002 (Oct 01- Sep 02) Precipitation as a Percent of the 1971-2000 Average
Water Year 2003 (Oct 02- Sep 03) Precipitation as a Percent of the 1971-2000 Average
June 2003 precipitation as a percent of average
July 2003 precipitation as a percent of average
September 2003 precipitation as a percent of the 1971-2000 average.
Water Year 2003 Regional Temperature Departures

- Eastern Plains
- Foothills
- Mountains
- Western Valleys
Montrose #2

2003 Water Year
(through October '02 - September '03)

Accumulated Precipitation (Inches)

- 30 Year Averages-1971-2000
- Max Year - 1941
- Mn Year - 1958
- Period of Record Average - 1893-2002
- 2003 Water Year Accumulated
Center 4SSW

2003 Water Year
(through October '02 - September '03)

Accumulated Precipitation (Inches)

- 30 Year Averages-1971-2000
- Max Year - 1992
- Min Year - 1951
- Period of Record Average - 1971 - 2002
- 2003 Water Year Accumulated
Rocky Ford

Rocky Ford
2003 Water Year
(through October '02 - September '03)
Cheyenne Wells

2003 Water Year
(through October '02 - August '03)

Accumulated Precipitation (Inches)

- 30 Year Averages-1971-2000
- Max Year - 1909
- Min Year - 1956
- Period of Record Average - 1971 - 2002
- 2003 Water Year
ENSO Index History

http://www.cdc.noaa.gov/~kew/MEI/
El Nino Recent Past and Projections

http://www.cdc.noaa.gov/~kew/SWcasts/
Temperature
Dec 2003 – Feb 2004

From the Colorado Prediction Center
Precipitation
Dec 2003 – Feb 2004

From the Colorado Prediction Center
Temperature
Mar – May 2004

From the Colorado Prediction Center
Precipitation
Mar – May 2004

From the Colorado Prediction Center
Temperature
Jun – Aug 2004

From the Colorado Prediction Center
Precipitation
Jun – Aug 2004

From the Colorado Prediction Center
CoAgMet
Weather Data for Agriculture

- Automated weather stations with daily and hourly readings of:
  - Temperature
  - Humidity
  - Wind
  - Precipitation
  - Solar energy
  - Evapotranspiration

http://www.COAGMET.com
CoCoRaHS map for all Colorado stations for 9/9/03
CoCoRaHS map for all Colorado stations for 9/10/03
CoCoRaHS map for all Colorado stations for 9/11/03
CoCo RaHS
Community Collaborative
Rain and Hail Study
YOU CAN HELP!

http://www.cocorahs.org
Colorado Climate Magazine

- Good bedtime reading about the climate of Colorado -- recent and historic
- $15/year subscription pays printing and mailing costs
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”