Water Year 2008 Temperature Departures

Water Year 2008 Temperature Departure (deg F)

-6.0 -4.0 -2.0 0.0 2.0 4.0 6.0

Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep

- Eastern Plains
- Foothills
- Mountains
- Western Valleys
April Average Temperature History for Colorado (NCDC)

April 2008: 40.9 deg  Rank: 25
Period of record 1895-2008
April 2008 Precipitation (inches)
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

- 30 Year Averages-1971-2000
- Period of Record Average - 1941 - 2002
- 2008 Water Year Accumulated

Accumulated Precipitation (Inches)

- Max Precip
- Min Precip

Months

OCT  NOV  DEC  JAN  FEB  MAR  APR  MAY  JUN  JUL  AUG  SEP
Division 2 – Grand Junction

Grand Junction WSFO
2008 Water Year

Accumulated Precipitation (Inches)

- 30 Year Averages-1971-2000
- Period of Record Average - 1893-2002
- 2008 Water Year Accumulated
- Max Precip
- Min Precip

Months

Accumulated Precipitation (Inches)

OCT
NOV
DEC
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
Division 3 – Montrose

Montrose #2
2008 Water Year

- 30 Year Averages - 1971-2000
- Period of Record Average - 1893-2002
- 2008 Water Year Accumulated
- Max Precip
- Min Precip

Accumulated Precipitation (Inches)

Months

OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP
Division 3 – Cochetopa Creek

Cochetopa Creek
2008 Water Year

Accumulated Precipitation (Inches)

- 30 Year Averages-1971-2000
- Period of Record Average - 1949 - 2002
- 2008 Water Year
- Max Precip
- Min Precip

Months

OCT  NOV  DEC  JAN  FEB  MAR  APR  MAY  JUN  JUL  AUG  SEP
Division 4 – Center

Center 4SSW
2008 Water Year

- 30 Year Averages-1971-2000
- Period of Record Average - 1971 - 2002
- 2008 Water Year
- Max Precip
- Min Precip

Accumulated Precipitation (Inches)
Division 5 – Pueblo

Pueblo WSO
2008 Water Year

Accumulated Precipitation (Inches)

- 30 Year Averages-1971-2000
- Period of Record Average - 1874-2000
- 2008 Water Year Accumulated
- Max Precip
- Min Precip

Months
OCT  NOV  DEC  JAN  FEB  MAR  APR  MAY  JUN  JUL  AUG  SEP

Period of Record Average - 1874-2000
2008 Water Year Accumulated
Max Precip
Min Precip
Division 6 – Cheyenne Wells

Cheyenne Wells
2008 Water Year

30 Year Averages-1971-2000
Period of Record Average - 1971 - 2002
2008 Water Year
Max_Precip
Min precip

Accumulated Precipitation (Inches)

Months
OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP

Period of Record Average - 1971 - 2002
2008 Water Year
Max _Precip
Min precip
Division 7 – Akron

Akron 4E
2008 Water Year

Period of Record Average - 1906 - 2002
2008 Water Year Accumulated
Max Precip
Min Precip
Year of Max

Accumulated Precipitation (Inches)

Months

OCT  NOV  DEC  JAN  FEB  MAR  APR  MAY  JUN  JUL  AUG  SEP
Division 7 – Leroy

Leroy 5SW
2008 Water Year

- 30 Year Averages-1971-2000
- Period of Record Average - 1890-2002
- 2008 Water Year Accumulated
- Max Precip
- Min Precip

Accumulated Precipitation (Inches)
Division 8 – Boulder

Boulder
2008 Water Year

- 2008 Water Year
- 30 Year Averages-1971-2000
- Period of Record Average - 1894-2002
- Max Precip
- Min Precip
Kassler
2008 Water Year

- 30 Year Averages-1971-2000
- Period of Record Average - 1899 - 2002
- 2008 Water Year Accumulated
- Max Precip
- Min Precip

Accumulated Precipitation (Inches)

Months

- OCT
- NOV
- DEC
- JAN
- FEB
- MAR
- APR
- MAY
- JUN
- JUL
- AUG
- SEP
Average Cocorahs May 1 - May 15 2008 Precipitation by County

Colorado_Counties

- 0.00 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- 2.01 - 2.50
- 2.51 +
Summary

• Cooler than average temperatures have continued through mid May (longest string of consecutive cooler than average months in many years)

• Spring precipitation through mid May has been highly variable
  – Above average precipitation in much of northern and central mountains
  – Southwest and south central Colorado very dry since March
  – Considerably drier than average since March over much of eastern Colorado
  – Average or better precipitation mid Front Range counties and extreme NE Colorado
Summary continued

- Most low elevation snow has melted in its typical uneventful manner
- High elevation melt out is now underway
- No large spring storms so far this spring. Early summer mountain dry spell usually begins now.
Summary continued

• Only four weeks remain in eastern Colorado’s typical “Wet season.” Thereafter, we shift to primarily convective precipitation – storms locally intense but usually not widespread.

• June – peak tornado season – Watch out for HAIL.
Colorado Climate Center

Data and Power Point Presentations available for downloading

http://ccc.atmos.colostate.edu

– click on “Drought”
– then click on “Presentations”