

Drought Update

Colorado Climate Center

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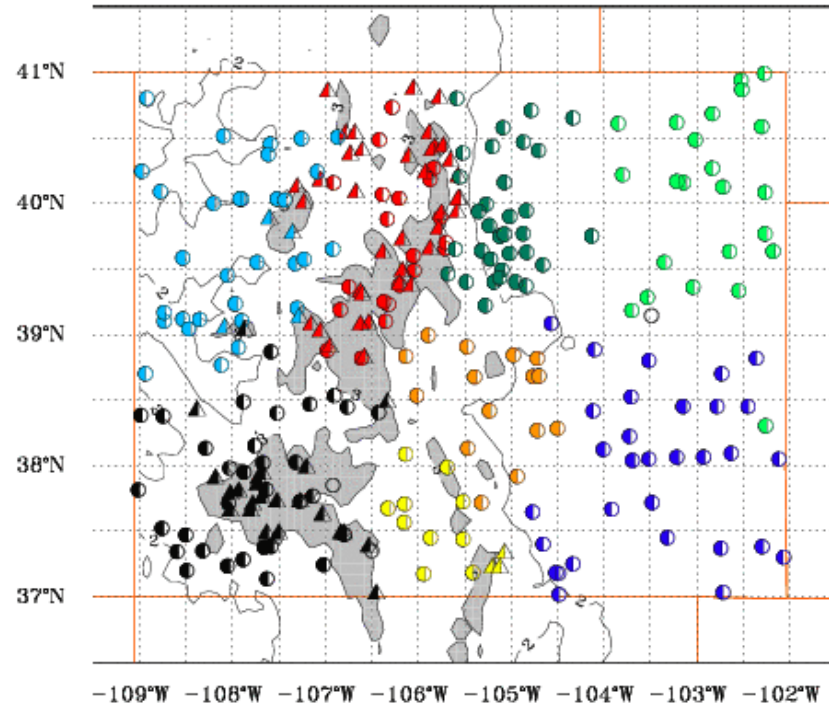
Prepared by Tara Green and Odie Bliss

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



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

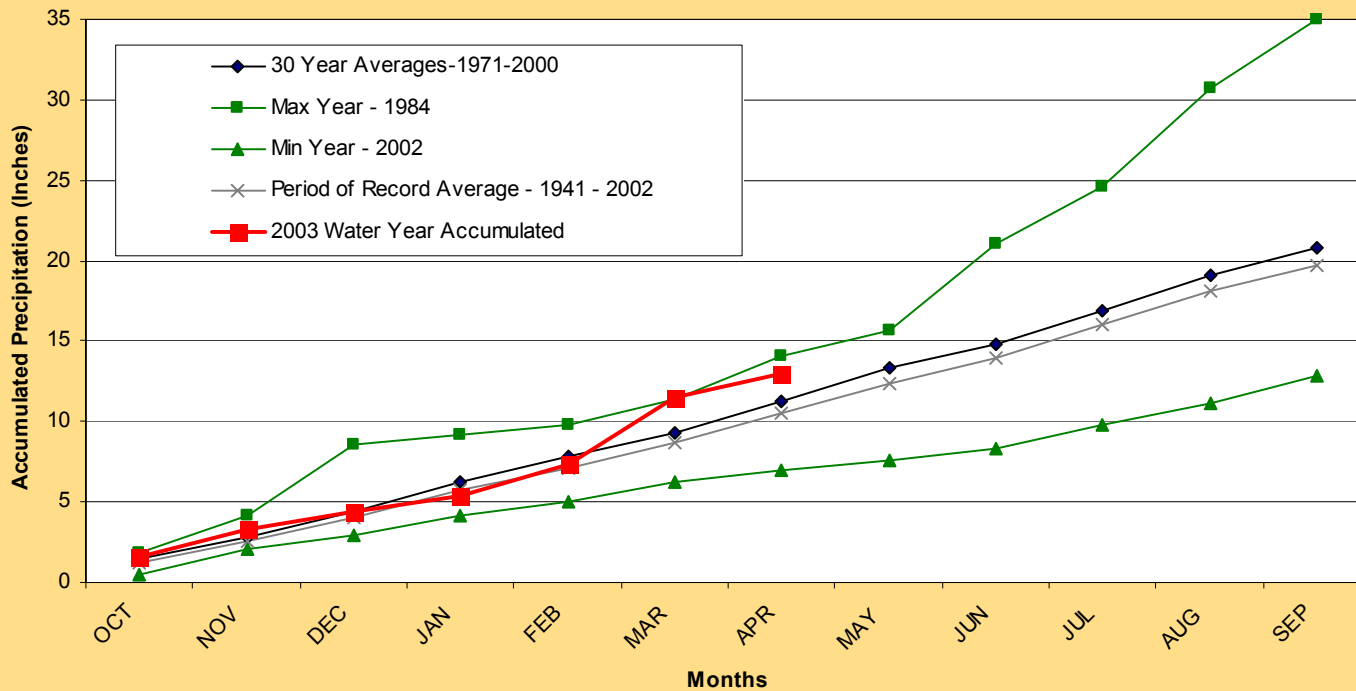
May 2, Monthly Colorado Core Regions (OFF,SC1ABC), 78-99



COOP	SNOTEL			COOP	SNOTEL		
●	▲	IND 1		●	▲	IND 6	
●	▲	IND 2		●	▲	IND 7	
●	▲	IND 3		●	▲	IND 8	
●	▲	IND 4					
●	▲	IND 5					
○	△	Stations not assigned to an index					

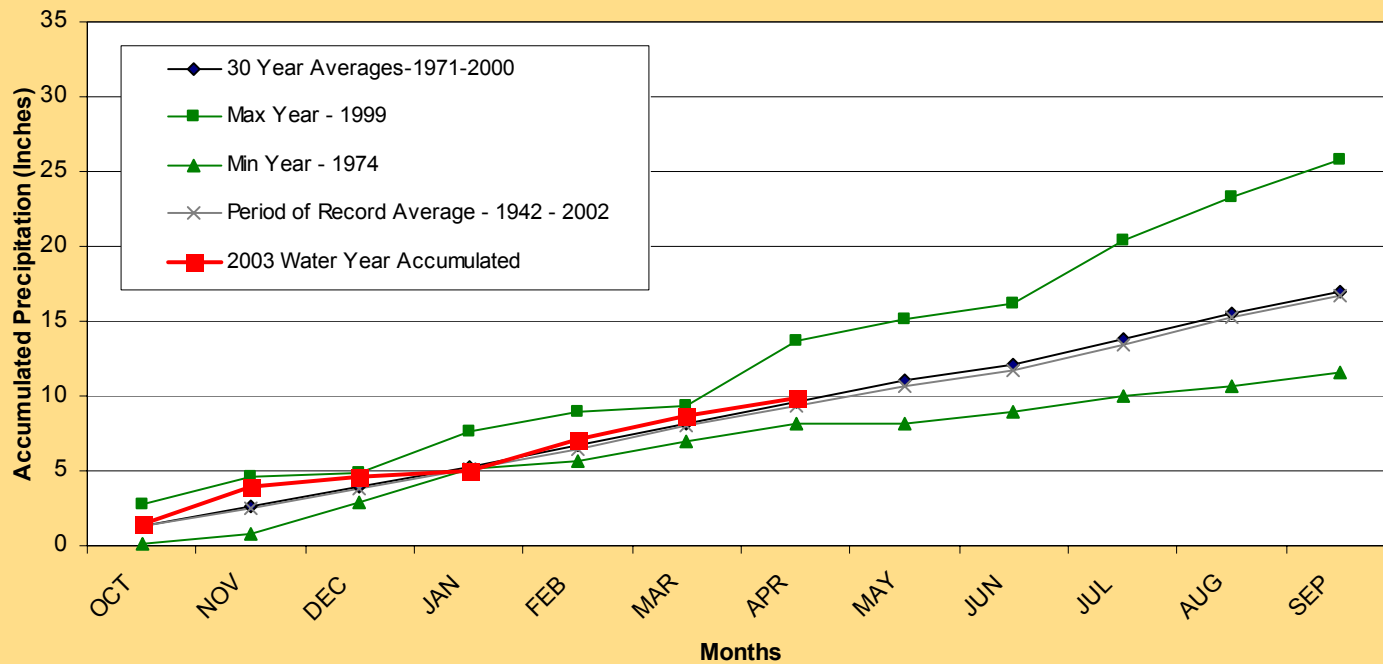
Division 1

**Grandlake 1 NW
2003 Water Year
(through October '02 - April '03)**



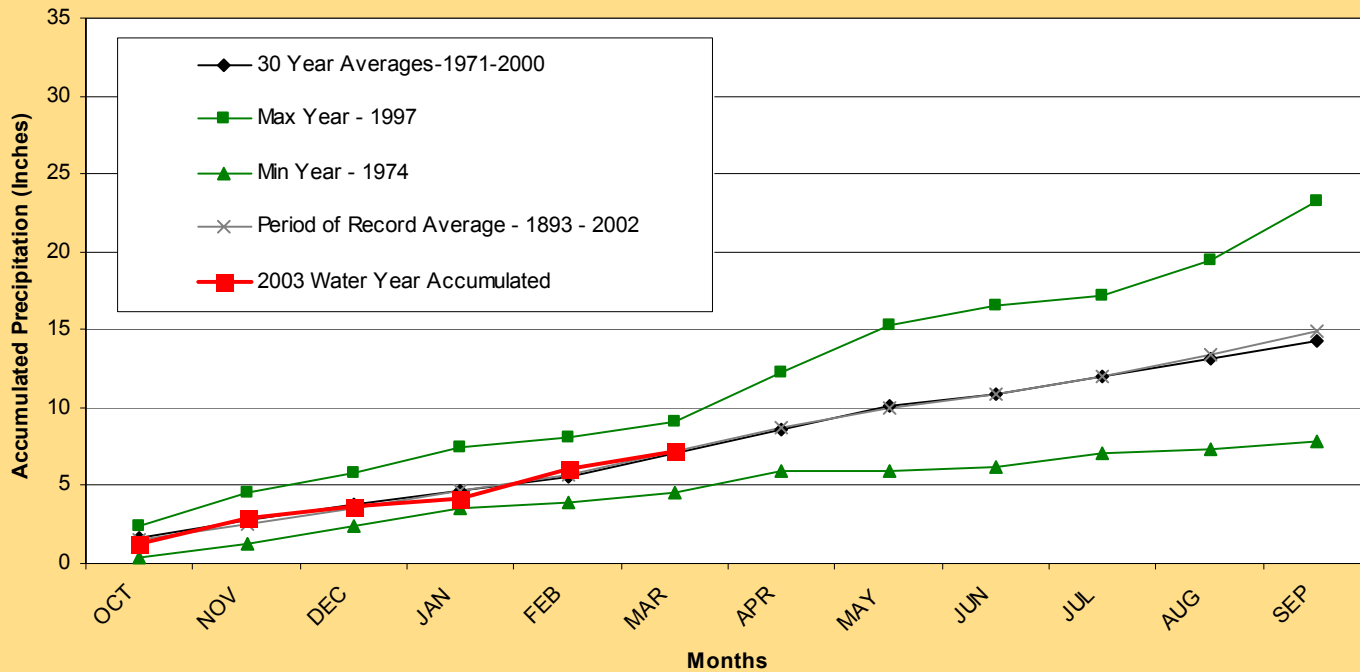
Division 1

Taylor Park 2003 Water Year (through October '02 - April '03)



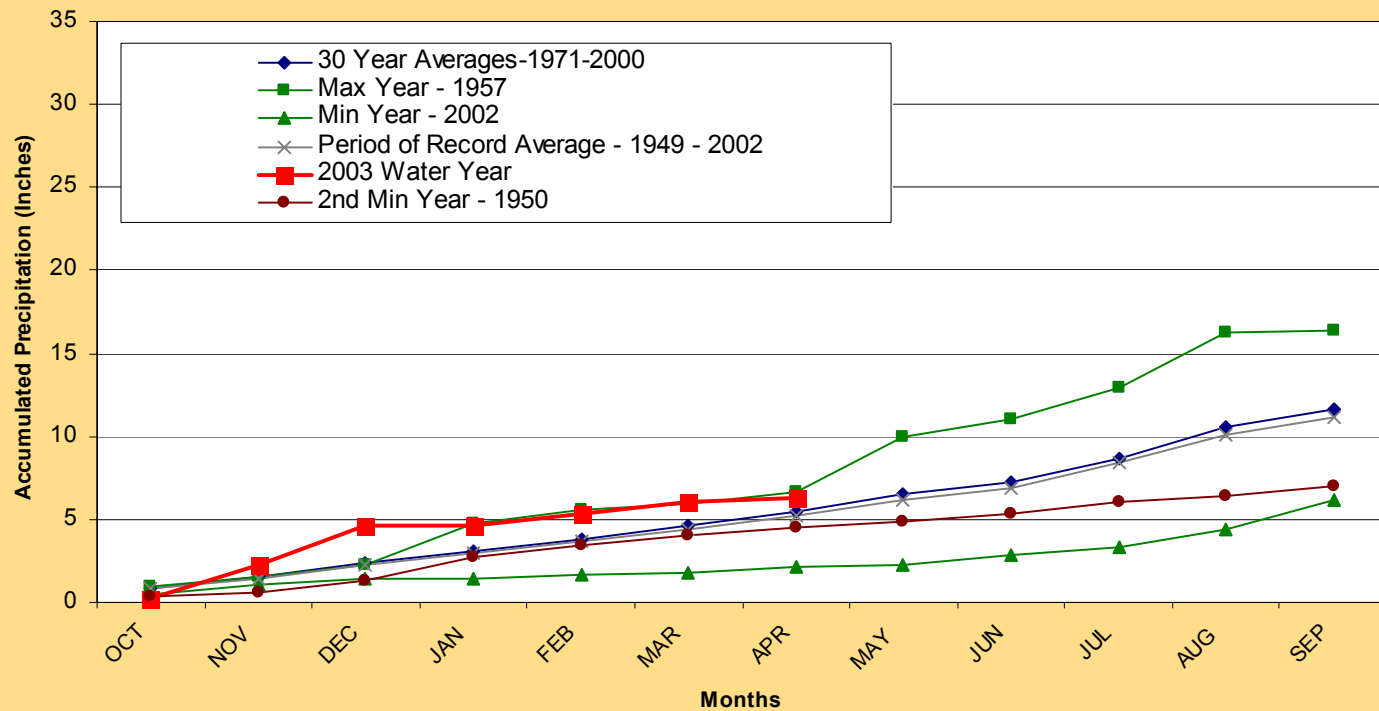
Division 2

Colbran 2SW 2003 Water Year (through October '02 - April '03)



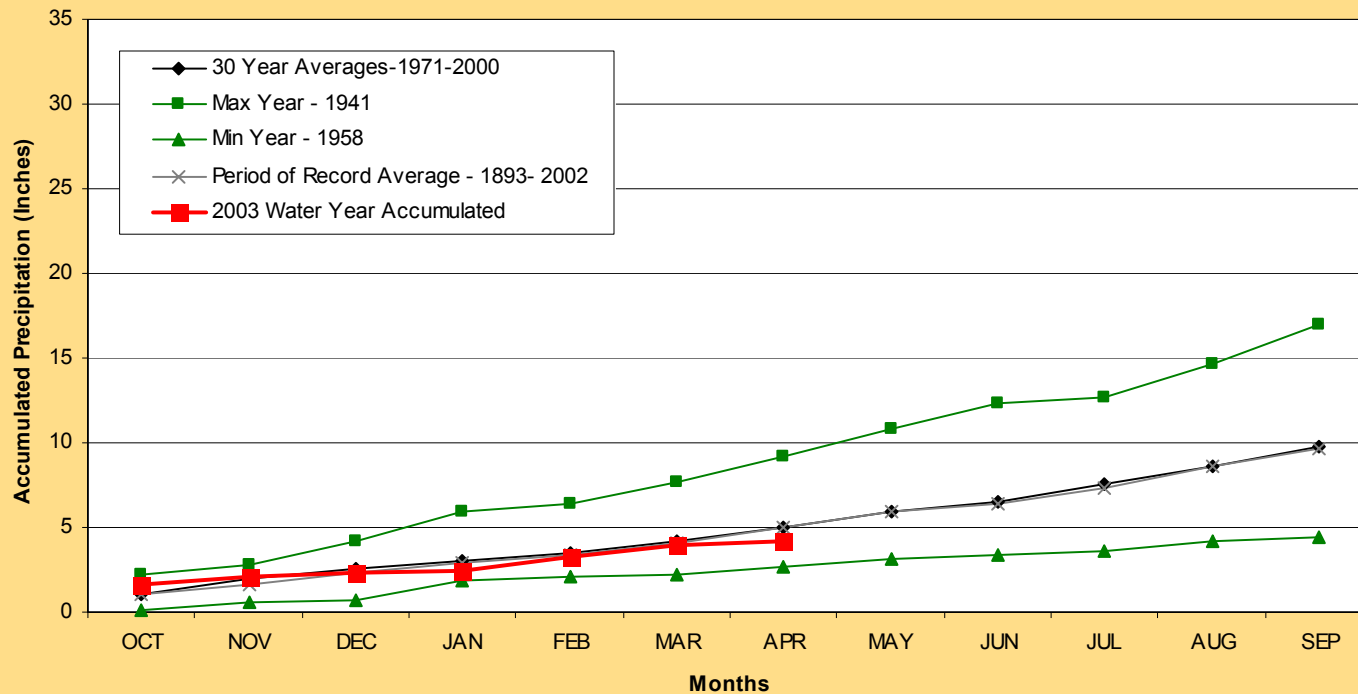
Division 3

Cochetopa Creek 2003 Water Year (through October '02-April '03)



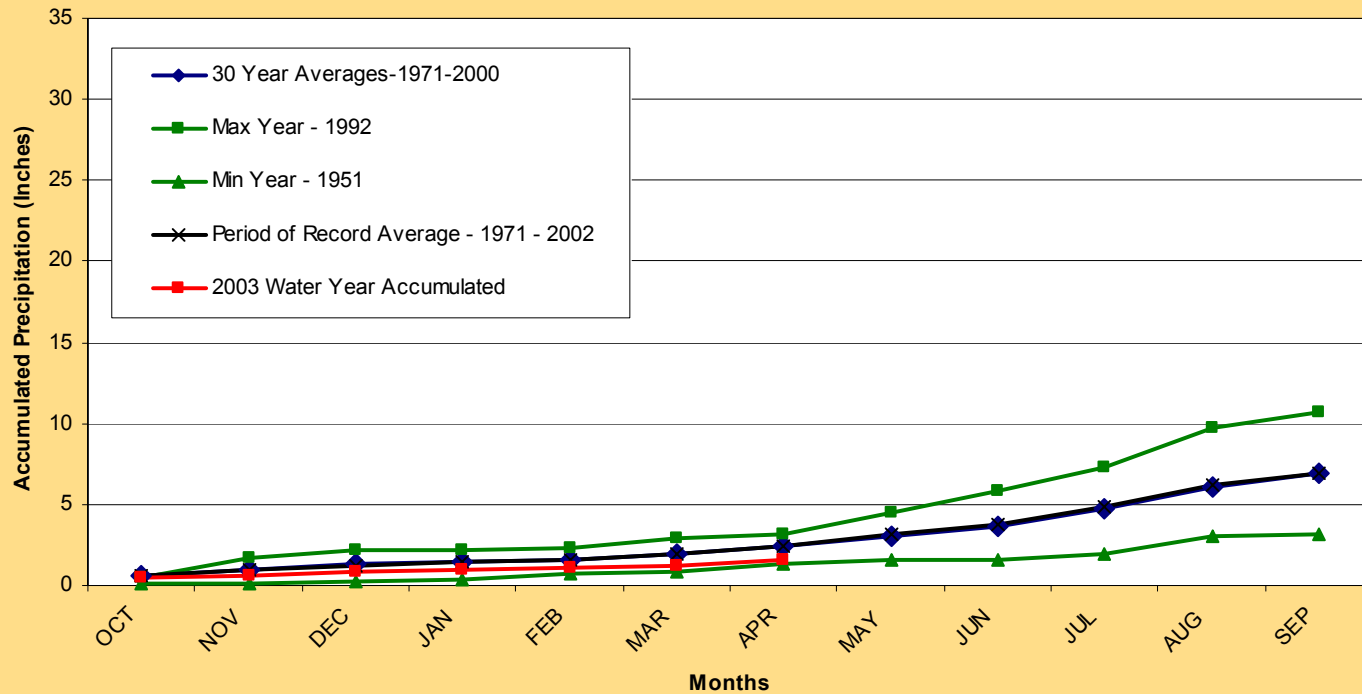
Division 3

Montrose #2 2003 Water Year (through October '02-April '03)



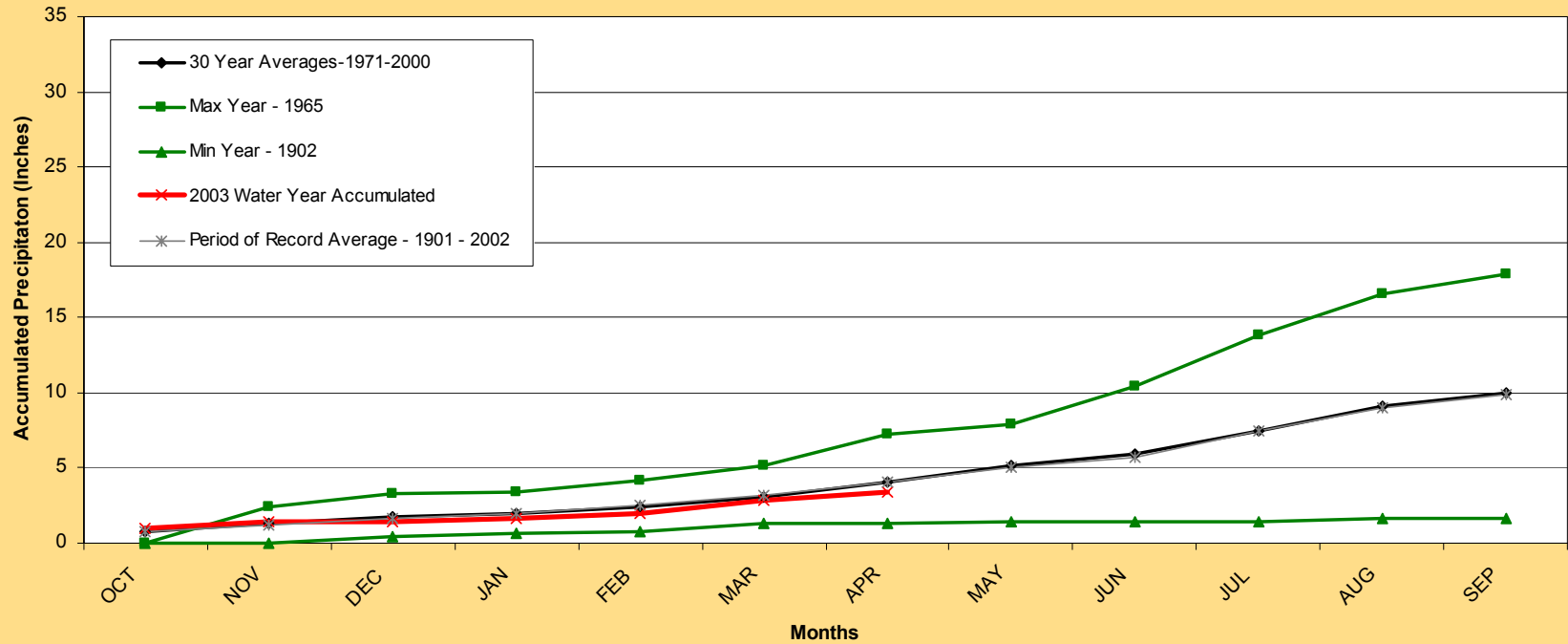
Division 4

Center 4SSW 2003 Water Year (through October '02-April '03)



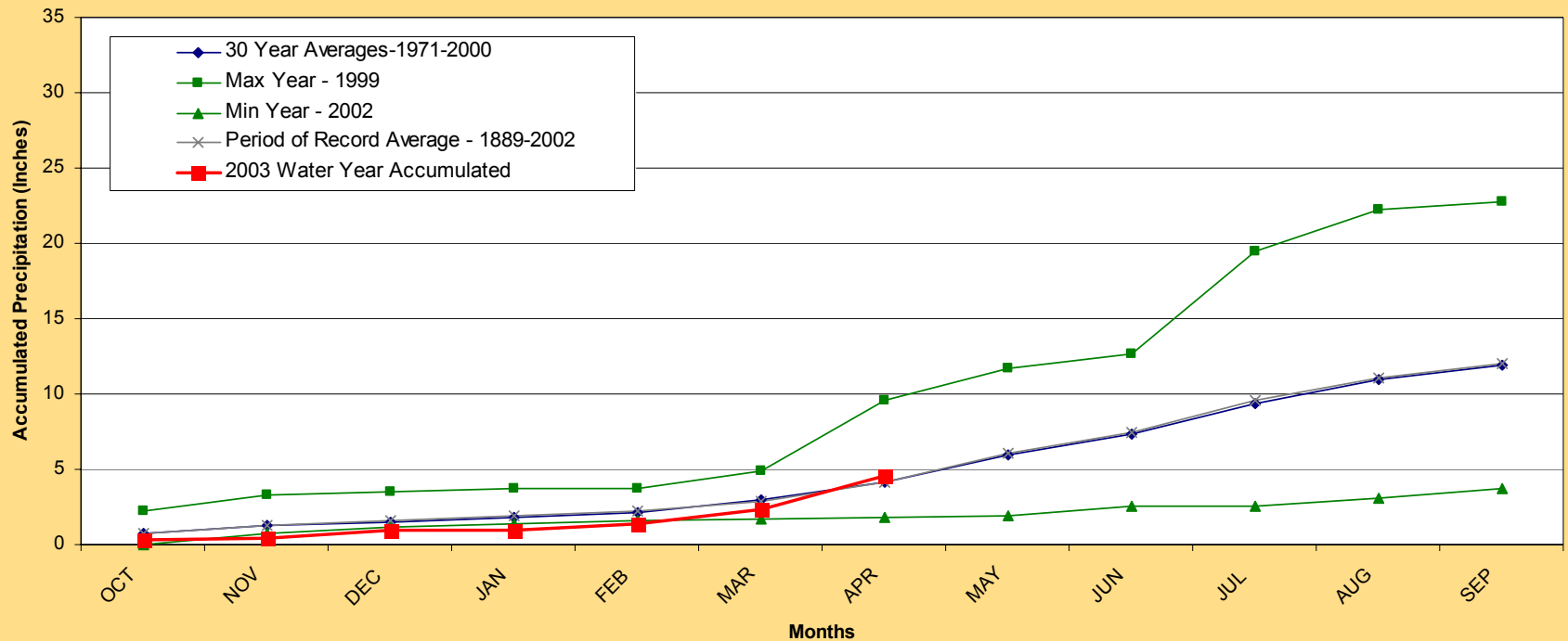
Division 5

Buena Vista 2003 Water Year (through October '02-April '03)



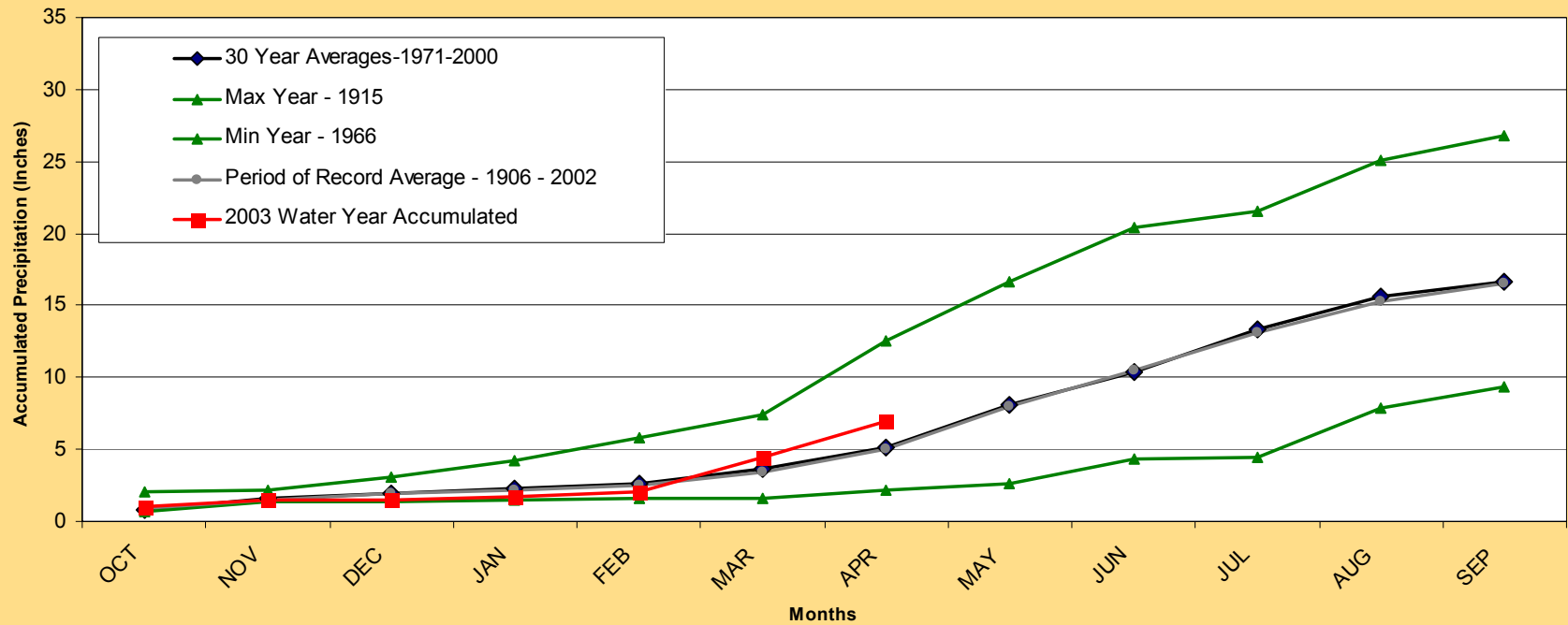
Division 6

Rocky Ford 2003 Water Year (through October '02-April'03)



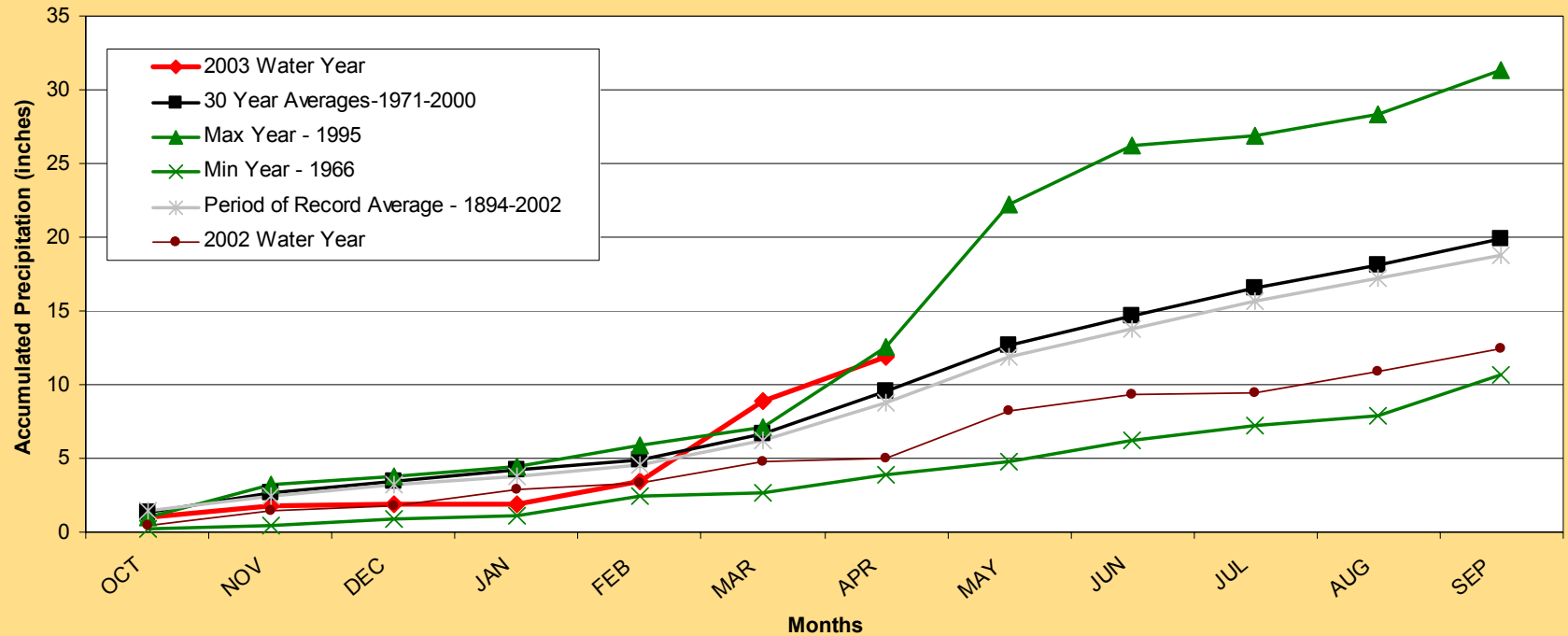
Division 7

Akron 4E
2003 Water Year
(through October '02-April'03)



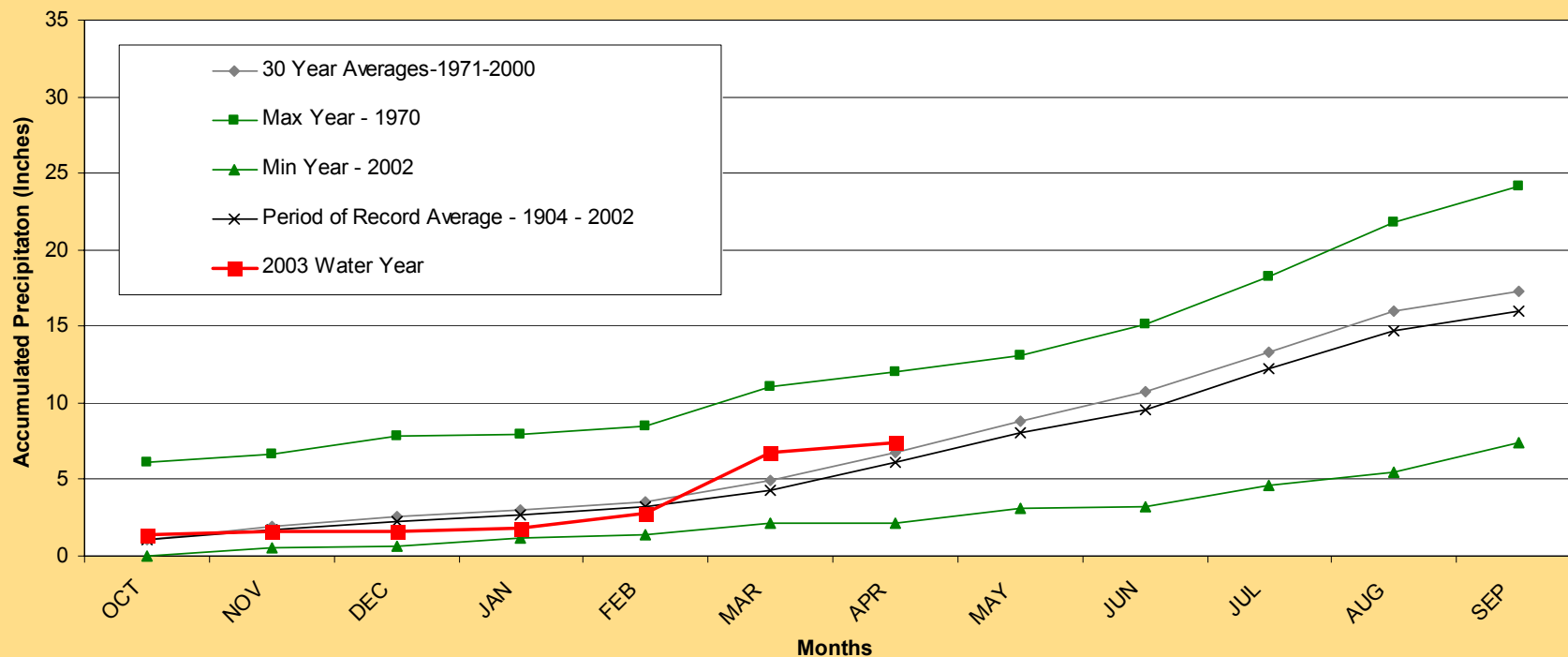
Division 8

Boulder
2003 Water Year
(October '02 - April'03)



Division 8

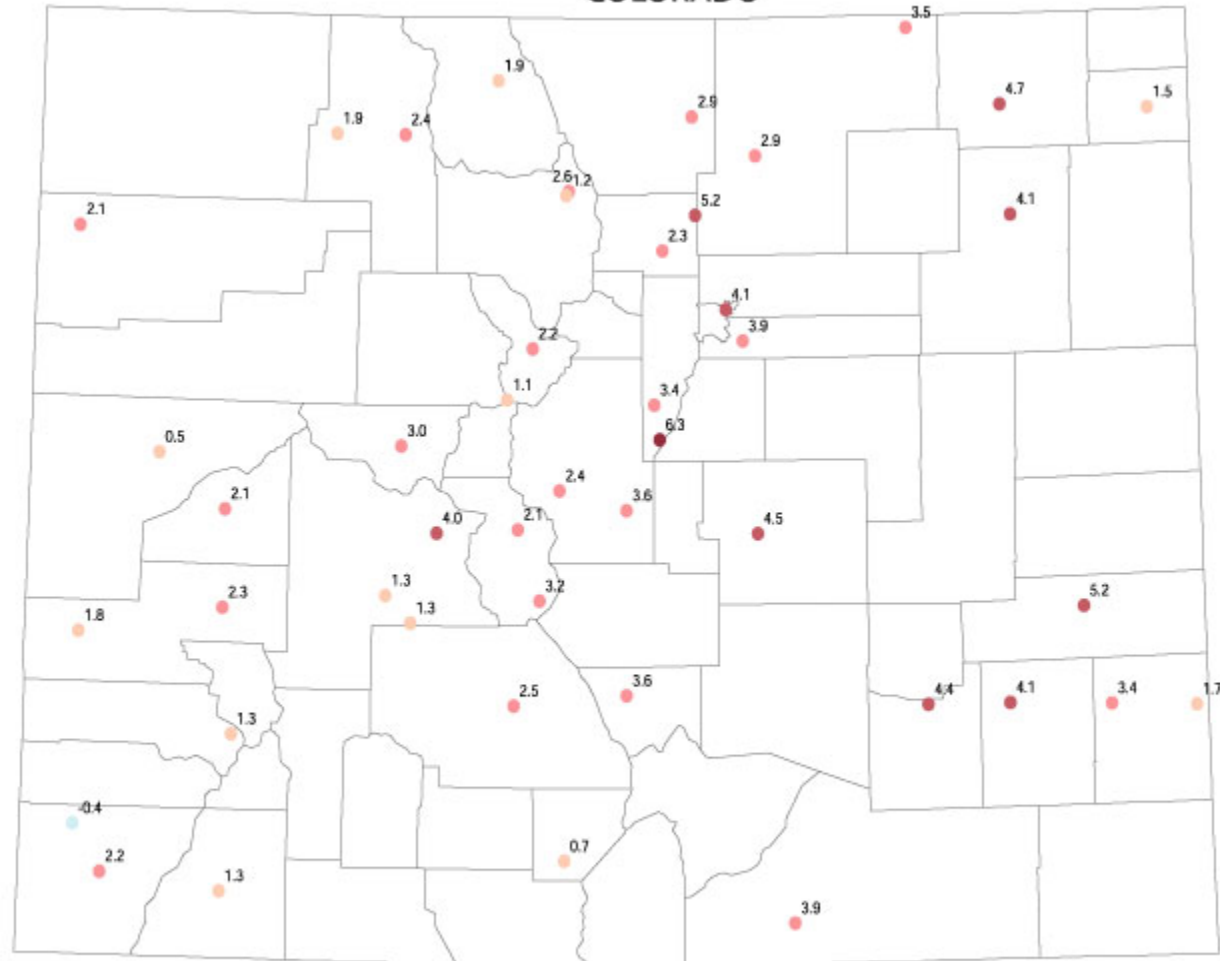
**Cheesman
2003 Water Year
(October '02 - April '03)**



COLORADO

Temperature Anomaly
(degrees F)

- > 10
- 8 - 9.9
- 6 - 7.9
- 4 - 5.9
- 2 - 3.9
- 0 - 1.9
- -2 - -0.1
- -4 - -2.1
- -6 - -4.1
- -8 - -6.1
- -10 - -8.1
- < -10

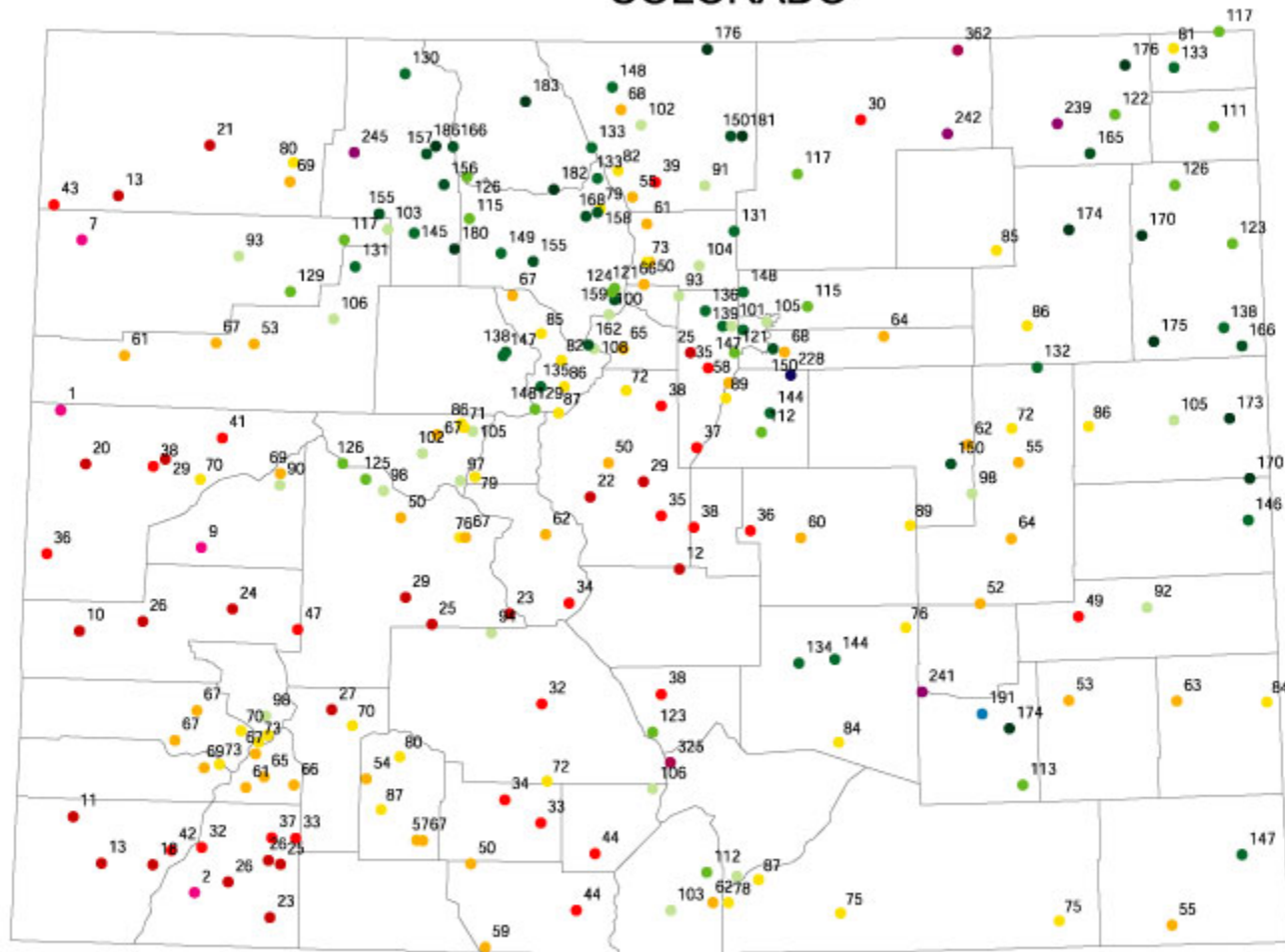


April 2003 temperature departures from the 1971-2000 averages.

COLORADO

Precipitation
(percent)

- 0 - 9
- 10 - 29
- 30 - 49
- 50 - 69
- 70 - 89
- 90 - 109
- 110 - 129
- 130 - 149
- 150 - 169
- 170 - 189
- 190 - 209
- 210 - 229
- 230 - 249
- > 250



April 2003 precipitation as a percent of the 1971-2000 average.

2002 Total Precipitation Accumulated Analysis Compared to Years of Record

(year, inches) = Min Year if not 2002

Climatic Stations	Years of Record	October '01 – September '02 Water Year		September '01 – August '02		September '01 – September '02	
		RANK	INCHES	RANK	INCHES	RANK	INCHES
Grand Lake 1 NW	1940-2002	1	12.87	1	12.55	2	16.03 (1944/14.63)
Taylor Park	1941-2002	3	11.94 (1974/11.08)	1	10.42	2	12.74 (1975/12.63)
Grand Junction WSO A	1892-2002	43	7.93 (1958/5.78)	8	5.54 (1902/5.96)	31	8.08 (1956/4.14)
Meeker	1891-2002	1	9.29	7	10.37 (1902/9.22)	2	10.37 (1946/10.12)
Montrose No. 2	1896-2002	29	7.59 (1991/9.42)	3	5.83 (1951/5.24)	15	8.01 (1991/8.49)
Mesa Verde NP	1923-2002	3	9.68 (1959/4.42)	1	7.43	1	9.83 (died with 1977)
Del Norte 2 E	1940-2002	3	4.69 (1991/5.78)	1	5.19	3	5.18 (1956/4.85)
Center 4 SSW	1891-2002	4	3.69 (1991/3.32)	1	2.44	1	3.82
Colorado Springs WSO	1892-2002	2	6.79 (1978/6.98)	1	6.5	1	7.81
Pueblo WSO	1891-2002	1	3.96	1	3.8	1	4.45
Rocky Ford 2 SE	1892-2002	1	3.73	1	3.62	1	4.26
Cheyenne Wells	1897-2002	9	9.91 (1997/8.96)	4	9.16 (1935/7.45)	10	11.45 (1956/8.11)
Akron 4 E	1905-2002	1	3.73	1	9.4	1	10.90
Leroy 7 WSW	1891-2002	4	9.57 (1894/8.18)	4	10.58 (1894/7.52)	4	11.58 (1894/8.69)
Kassler	1899-2002	6	12.17 (1998/9.88)	8	12.56 (1956/10.54)	9	13.83 (1956/10.57)