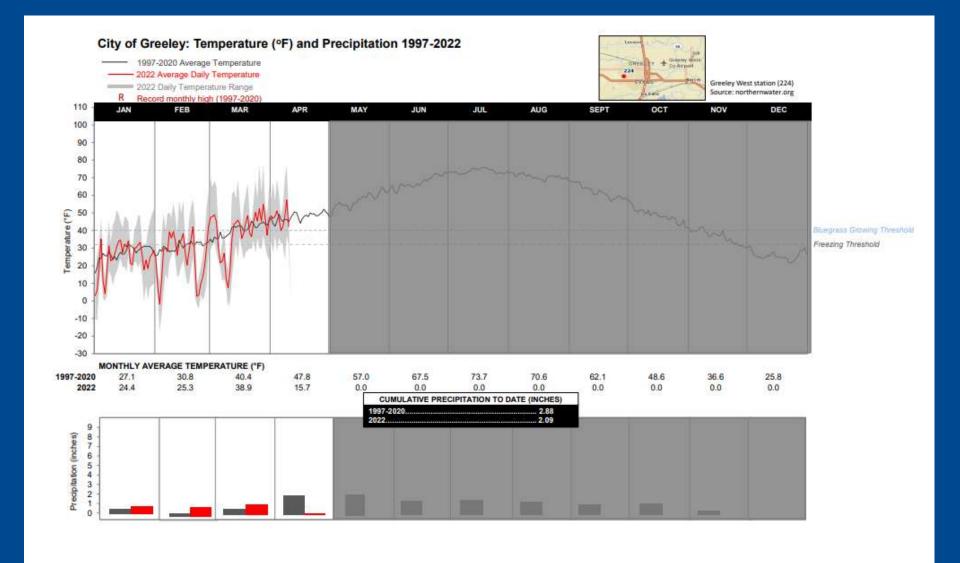
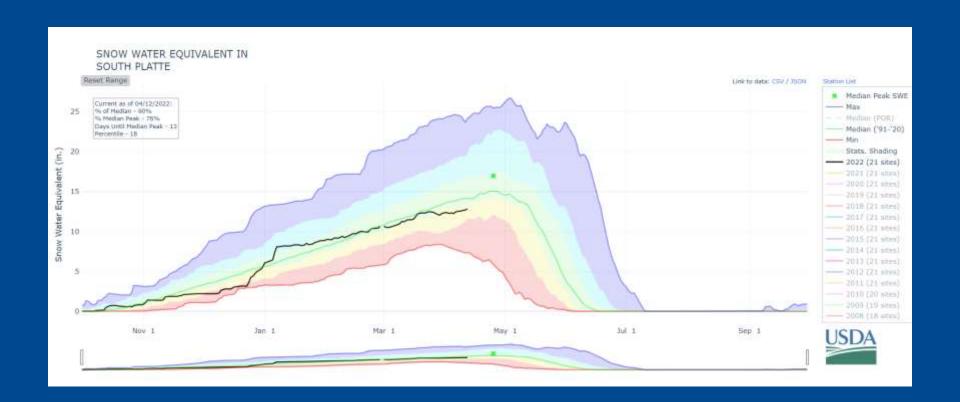
Water Supply Update April 20, 2022

Water & Sewer Board









Colorado SNOTEL Current Snow Water Equivalent (SWE) % of Normal

Apr 12, 2022

Current Snow Water Equivalent (SWE) Basin-wide Percent of 1991-2020 Median

unavailable *

50 - 69%

70 - 89%

90 - 109%

110 - 129%

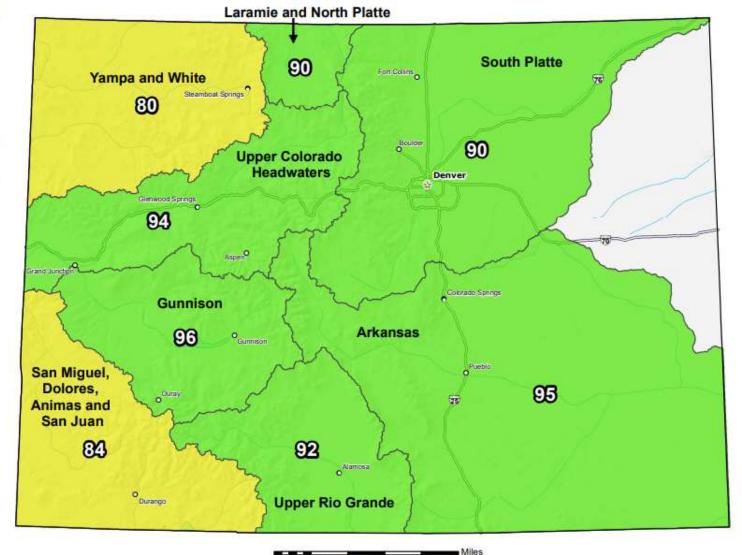
130 - 149%

>=150%

 Data unavailable at time of posting or measurement is not representative at this time of year

Provisional Data Subject to Revision



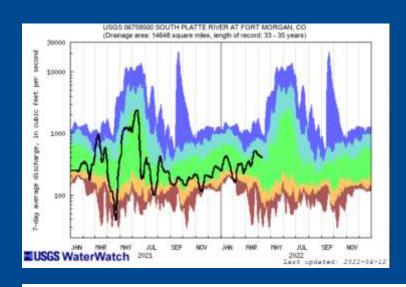


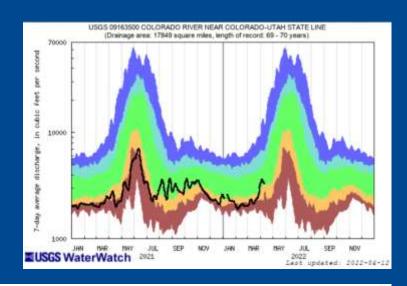
O 10 20

The snow water equivalent percent of normal represents the current snow water equivalent found at selected SNOTEL sites in or near the basin compared to the average value for those sites on this day. Data based on the first reading of the day (typically 00:00).

Prepared by: USDA/NRCS National Water and Climate Center Portland, Oregon https://www.nrcs.usda.gov/wps/portal/wcc/home/

Stream Flows & Forecasts

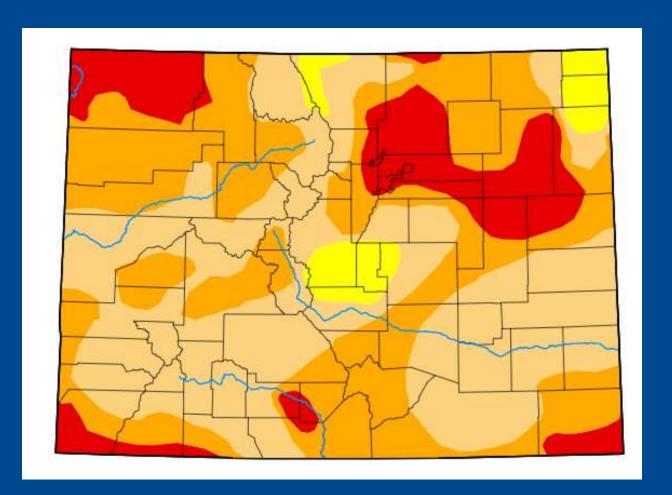


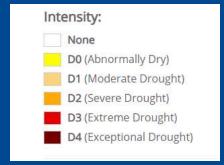


Apr-Jul Maximum, Minimum and Most Probable Streamflow Forecasts (1000 af)

Watershed	Forecast Minimum	Most Probable	Forecast Maximum	Apr-Jul Avg (3)	Most Prob % Avg
Blue River	159	224	288	283	79%
Upper Colorado River	156	196	246	226	87%
Willow Creek	33	48	63	50	96%
Fraser River	67	96	125	118	81%
Davids Disse	T 400 T	040	200	000	029/
Poudre River	130	213	296	230	93%
Big Thompson River	49	84	119	91	92%
St. Vrain River	53	87	121	90	97%
Boulder Creek	36	51	67	54	94%
				465	94%

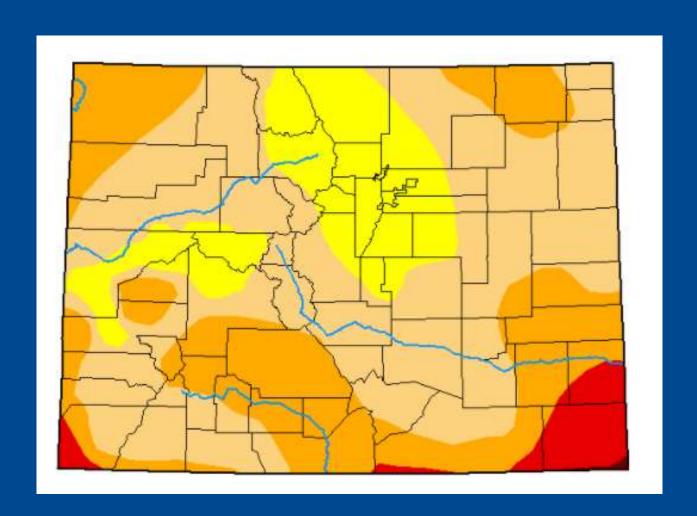
Drought Conditions November 2021

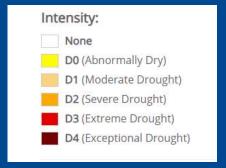




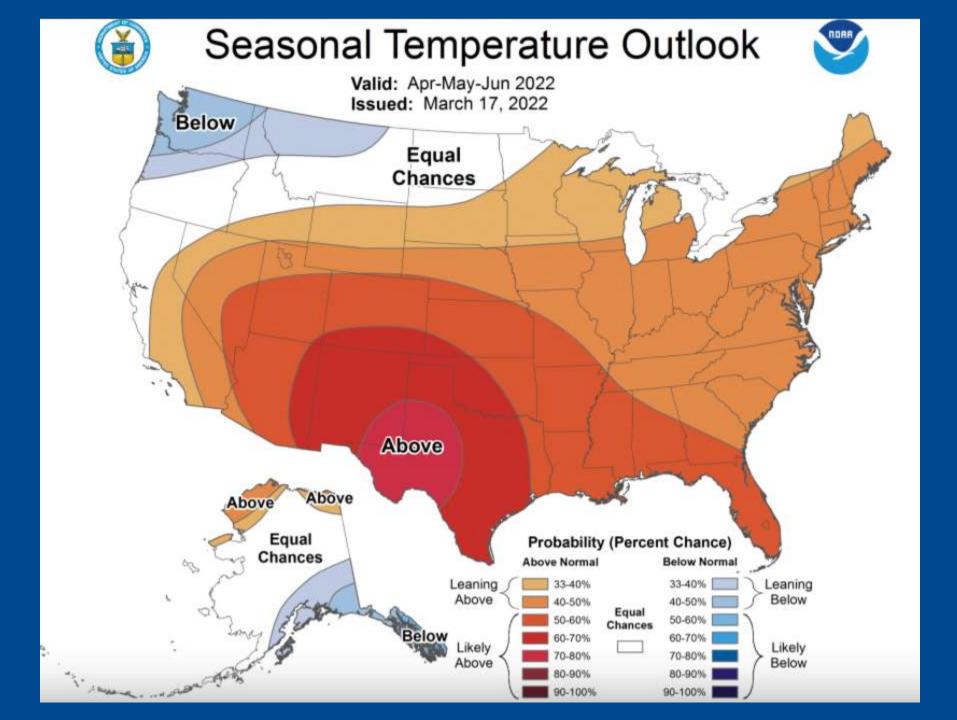


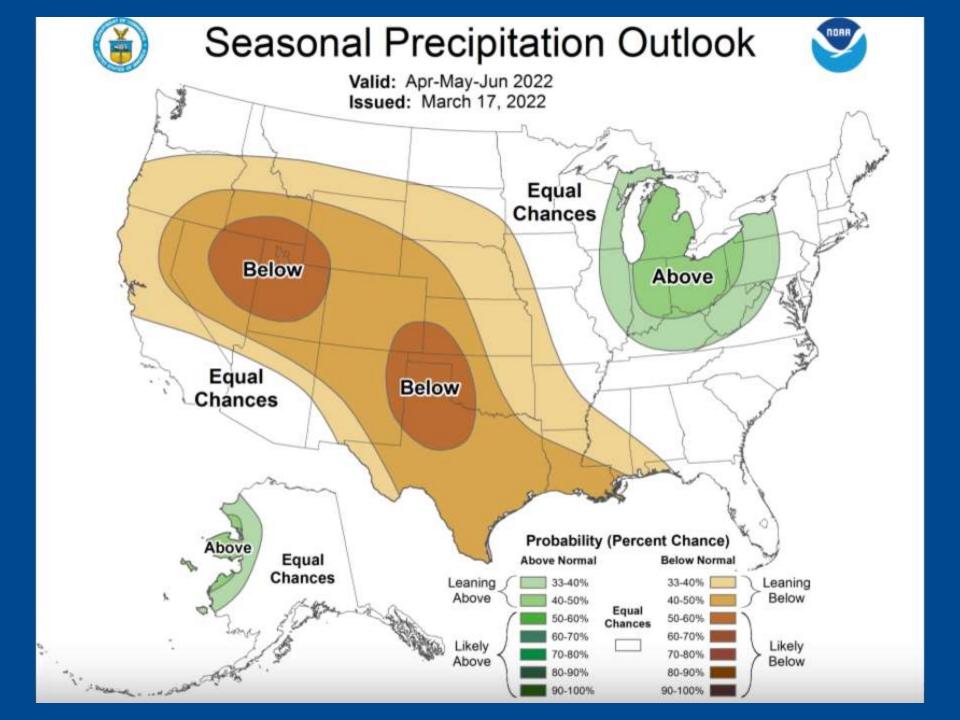
Drought Conditions April 2022

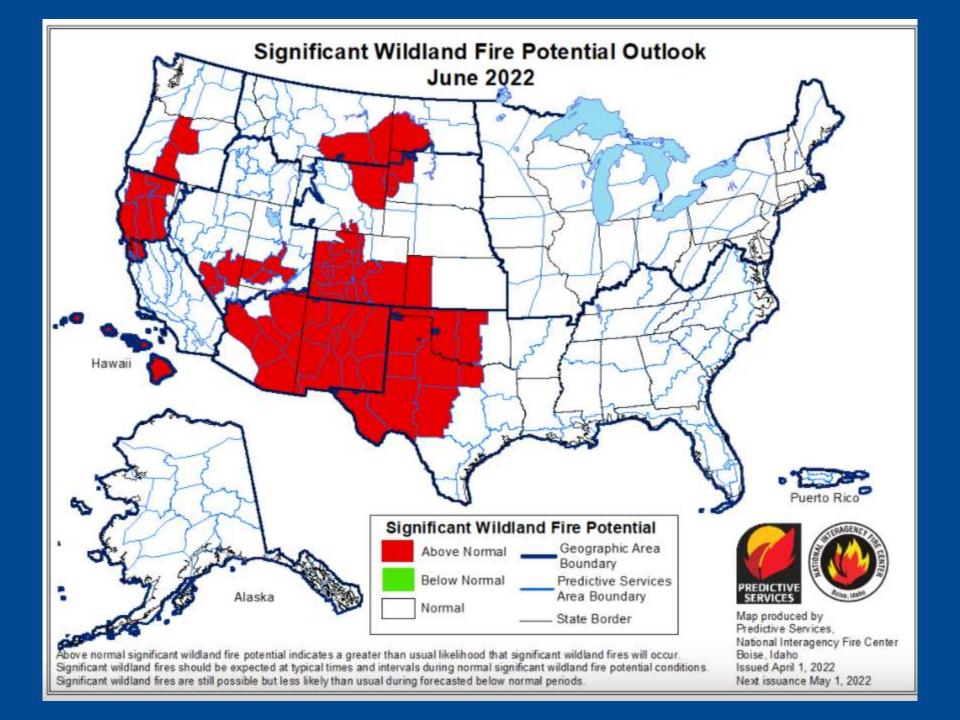












2022 Fire Mitigation Plans

- Complete 6 point mitigation projects from 2021 with Emergency Watershed Protection funding
- Received \$6 million from USFS for ~3,000 acres of aerial mulching and point mitigation planning
- \$2.7 million from the CO Water Conservation Board for mulching and point mitigation

Target Storage Assumptions

- 70% quota from Northern (issued Apr 13)
- GLIC dividends for dry-year
- 2012 water demands
- No pumping of Windy Gap water (collateralize C-BT)
- 2,000 acre-feet of directs unable to be treated due to water quality issues from Cameron Peak fire impacts



21,300 AF Target Storage

April 1, 2022 Storage (acre-feet)					
СВТ	19,664				
Windy Gap	756				
GLIC	18,520				
Tunnel	518				
Total	39,458				
Demands (April 1, 2022-March 31, 2023) (acre-feet)					
СВТ	12,272				
Windy Gap	3,883				
GLIC	10,435				
Tunnel	1,141				
Total	27,730				
Yields through April 2023 (acre-feet)					
CBT (Nov. 2022-April 1, 2022)	11,402				
Windy Gap	3,450				
GLIC	8,767				
Tunnel	647				
Total	24,266				
April 2023 Storage by Source					
СВТ	18,794				
Windy Gap	324				
GLIC	12,852				
Tunnel	23				
April 2023 Storage	31,994				
Target Storage Volume	21,300				



Recommendations

- Declare "Adequate Water Year"
- Maintain target storage volume at 21,300 AF
- Continue long-term rentals
- Rent excess supply

