

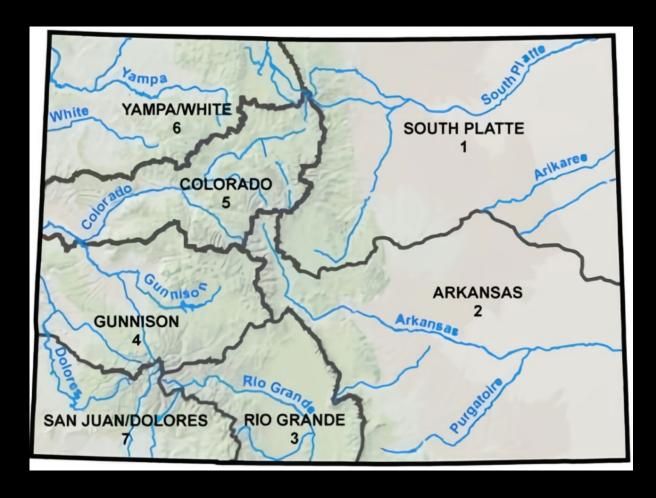


CCI Winter Conference November 29, 2021

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All Coloradans are Connected to the Colorado River







Colorado River "Basin"





"... all of the drainage area of the Colorado River System and all other territory within the United States of America to which the waters of the Colorado River System shall be beneficially applied."

Bridging the Divide

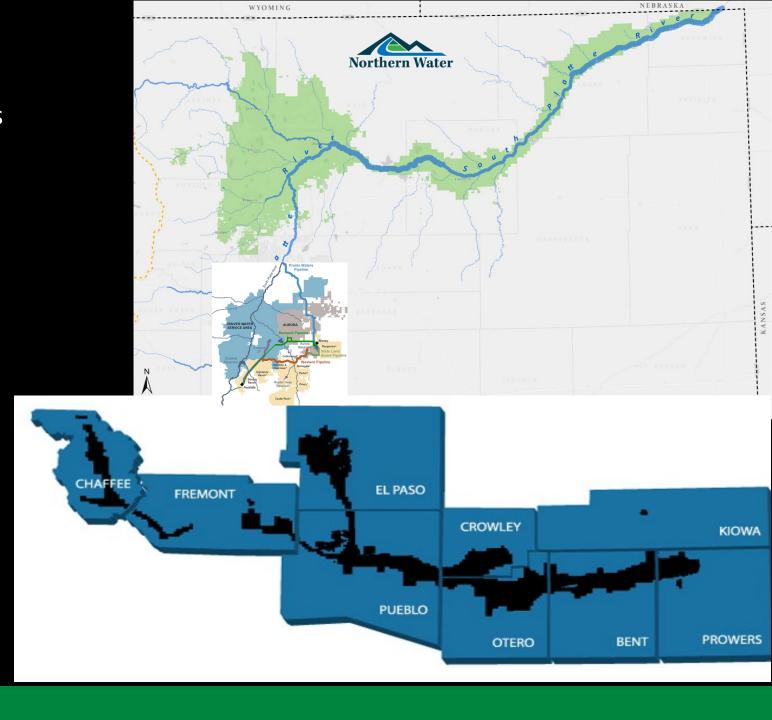






- Agricultural Viability and Sustainability
- Water Supply availability and certainty
- Colorado River Development and Protection
- Upper Colorado River Endangered Fish Recovery
- Cooperative Projects, Agreements, Operations
- Compensatory Storage / Mitigation Components

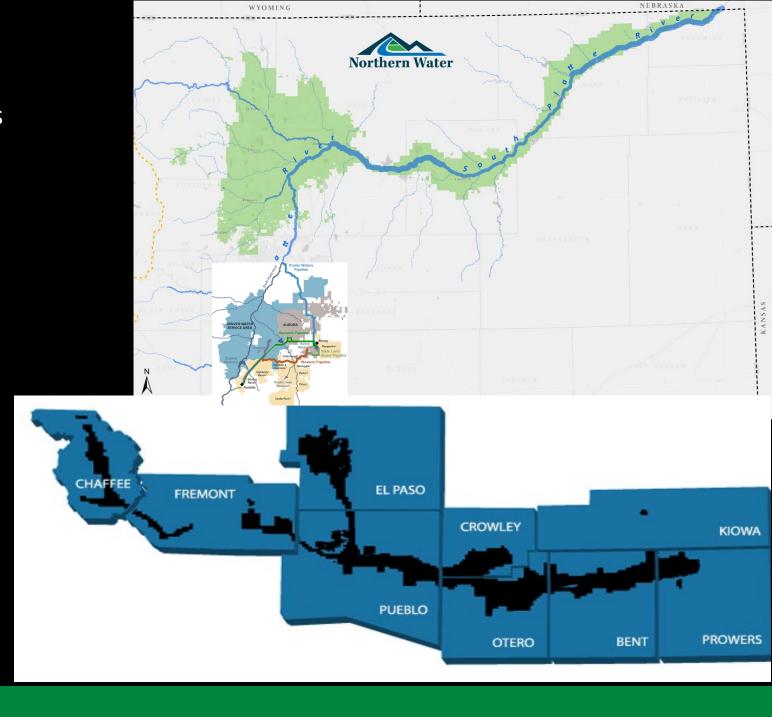
- 25+ Counties Receive TMD Deliveries
 - ~ 20% South Platte Basin Supplies
 - ~ 15% Arkansas Basin Supplies



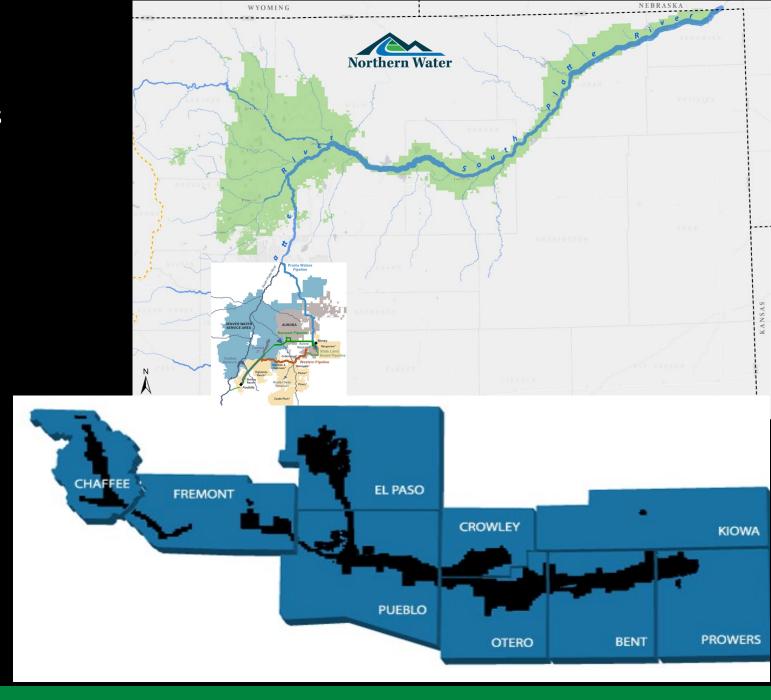
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- Irrigated Agriculture
 - ~ 640,000 acres South Platte Basin
 - ~ 265,000 acres Arkansas Basin



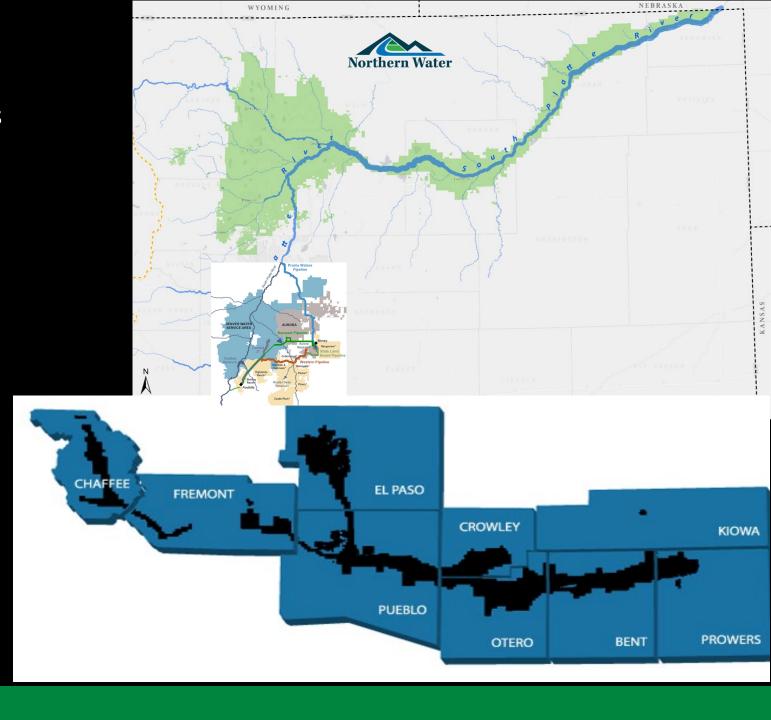
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 - In-River/Flowing Water
 - Flat Water



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- Recreation
 - In-River/Flowing Water
 - Flat Water
- Environmental/Ecological
 - Riparian
 - Fish & Wildlife



1922 - Colorado River Compact

1944 – Mexico Treaty

1948 – Upper Colorado Basin Compact

Colorado River Basin Overview

Colorado River Allocations

1922 Colorado River Compact established Upper and Lower Basin States' allocations

UPPER BASIN STATES - 7.5 MAF

1948 Upper Colorado Basin Compact established the Upper Basin States' apportionment

LOWER BASIN STATES - 7.5 MAF

California - 4.4 MAF

Arizona - 2.8 MAF

Nevada - 0.3 MAF

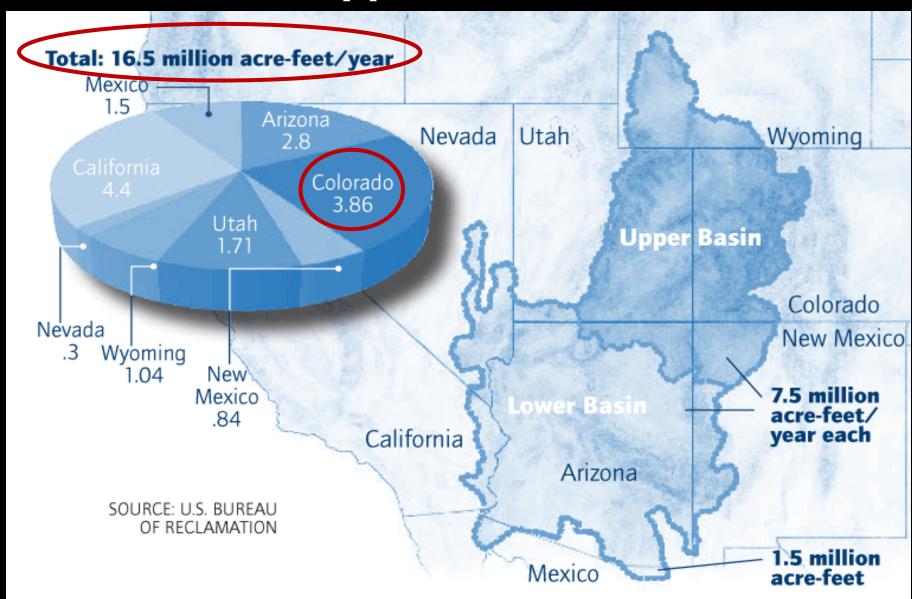
1928 Boulder Canyon Project Act established the Lower Basin States' apportionment

MEXICO - 1.5 MAF

1944 Treaty with Mexico established Mexico's treaty deliveries

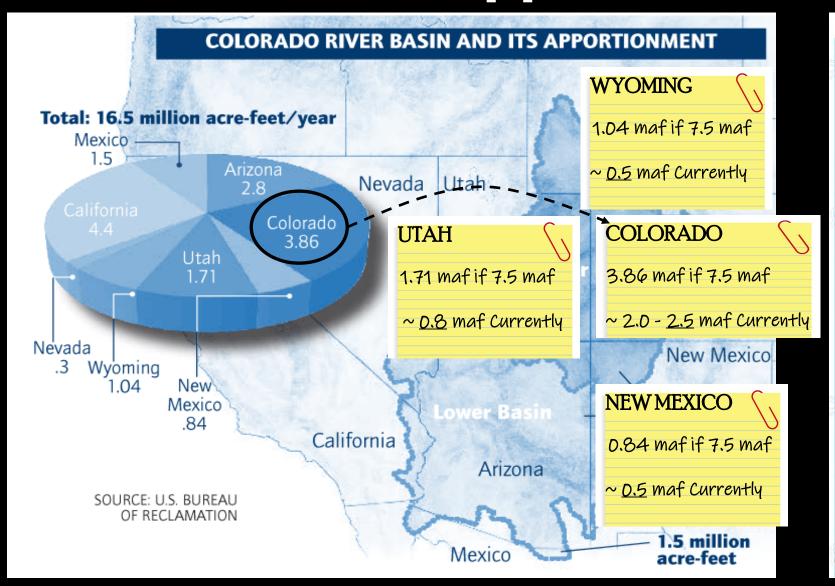


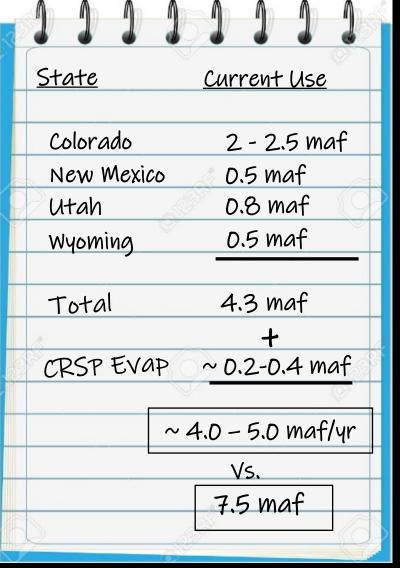
Colorado River Apportionment





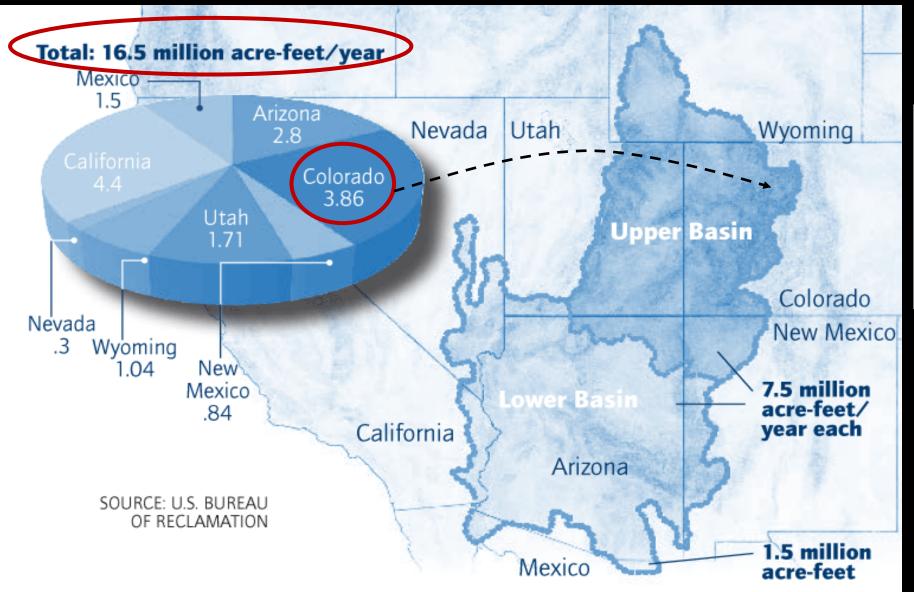
Colorado River Apportionment







Colorado River Apportionment

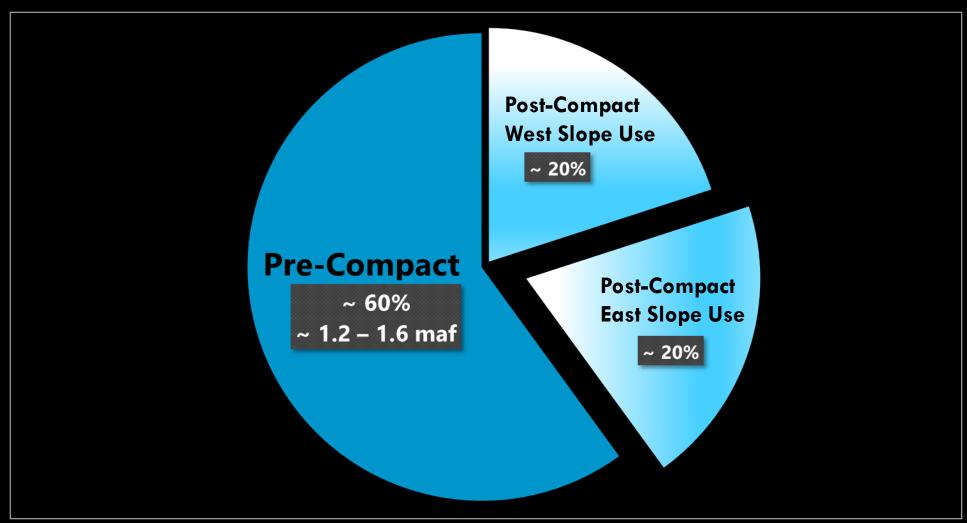






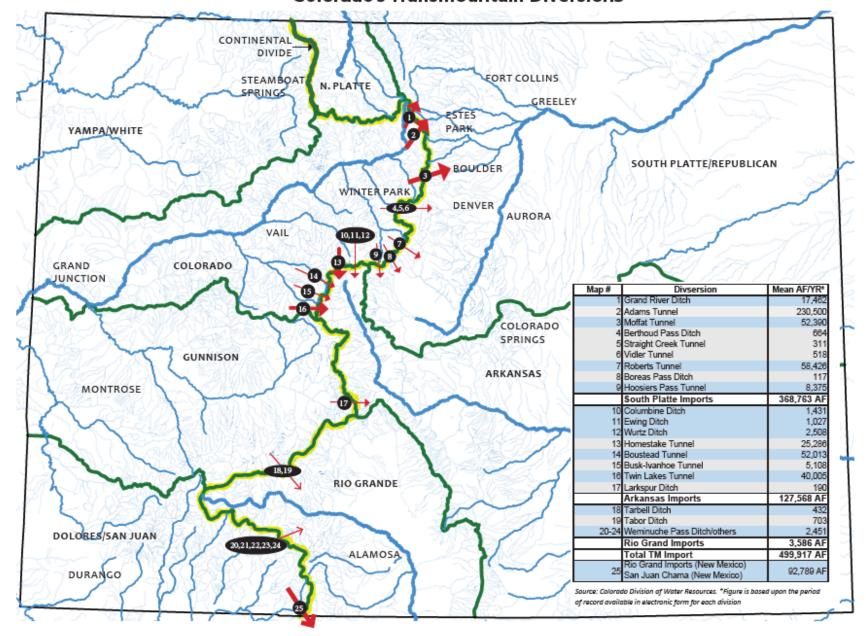
~ 2.5 maf currently

Colorado River Water Use (within Colorado)





Colorado's Transmountain Diversions



Colorado's Transmountain Diversions CONTINENTAL DIVIDE **EORT COLLINS** STEAMBOAT N. PLATTE SPRINGS GREELEY PARK YAMPA/WHITE SOUTH PLATTE/REPUBLICAN BOULDER +369,000 af/year WINTER PARK DENVER - 496,000 af/year GRAND JUNCTION Divsersion Mean AF/YR* Map# Grand River Ditch Adams Tunnel 230,500 Moffat Tunnel 52,390 COLORADO Berthoud Pass Ditch SPRINGS 311 Straight Creek Tunnel Vidler Tunnel GUNNISON Roberts Tunnel 58,426 ARKANSAS Boreas Pass Ditch - 1,300 af/year Hoosiers Pass Tunnel 8,375 +128,000 af/year South Platte Imports 368,763 AF 11 Ewing Ditch 1,027 12 Wurtz Ditch 2,508 25,286 13 Homestake Tunnel 4 Boustead Tunnel 52,013 15 Busk-Ivanhoe Tunnel 5,108 Twin Lakes Tunnel 40,008 RIO GRANDE 17 Larkspur Ditch Arkansas Imports 127,568 AF +3,500 af/year Tarbell Ditch Tabor Ditch 20-24 Weminuche Pass Ditch/others 2,451 DOLORES/SAN JUAN Rio Grand Imports 3.586 AF 20,21,22,23,24 ALAMOSA 499,917 AF Total TM Import Rio Grand Imports (New Mexico) - 95,000 af/year 92,789 AF San Juan Chama (New Mexico) Source: Colorado Division of Water Resources. *Figure is based upon the period of record available in electronic form for each division +93,000 af/year

South Platte Flows

CBT/WG + 230,000

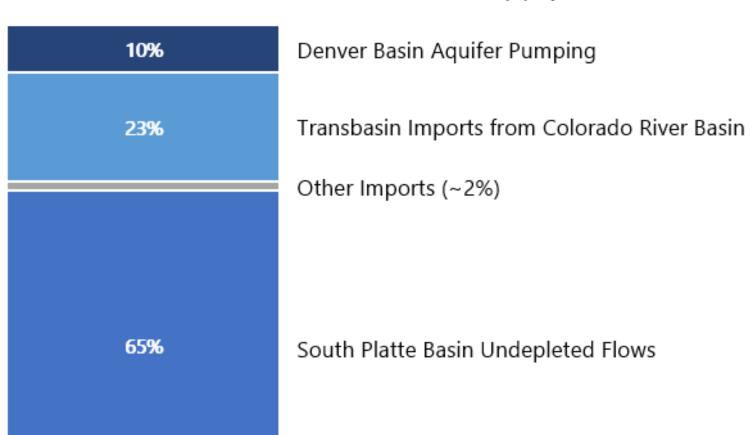
Denver Water + 110,000 af/year

WSSC + 17,000 af/year

Others + 22,000 af/year

Total + 369,000 af/year

South Platte Basin Supply





South Platte Flows

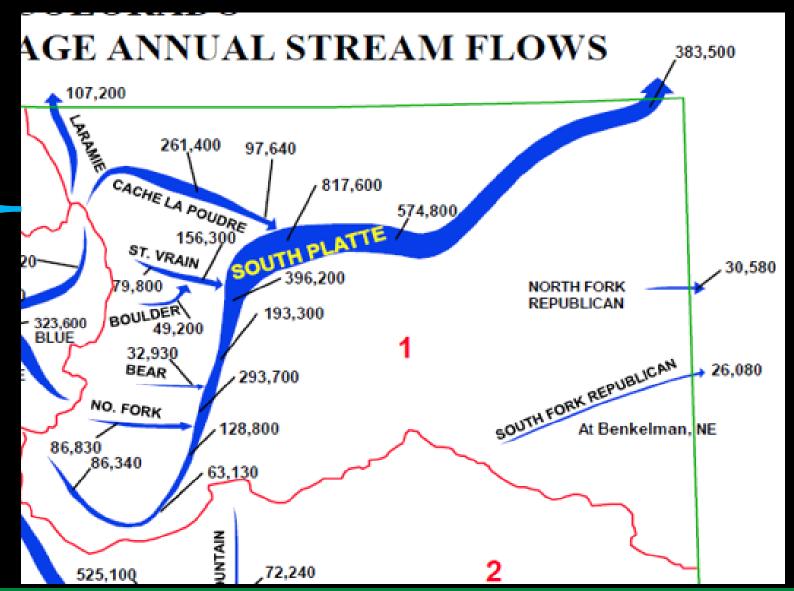
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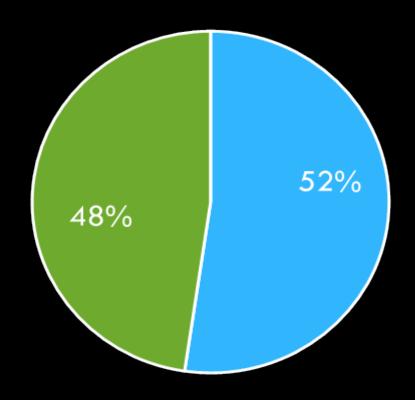
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Total + 369,000 af/year



2020 C-BT Delivery Summary by Use

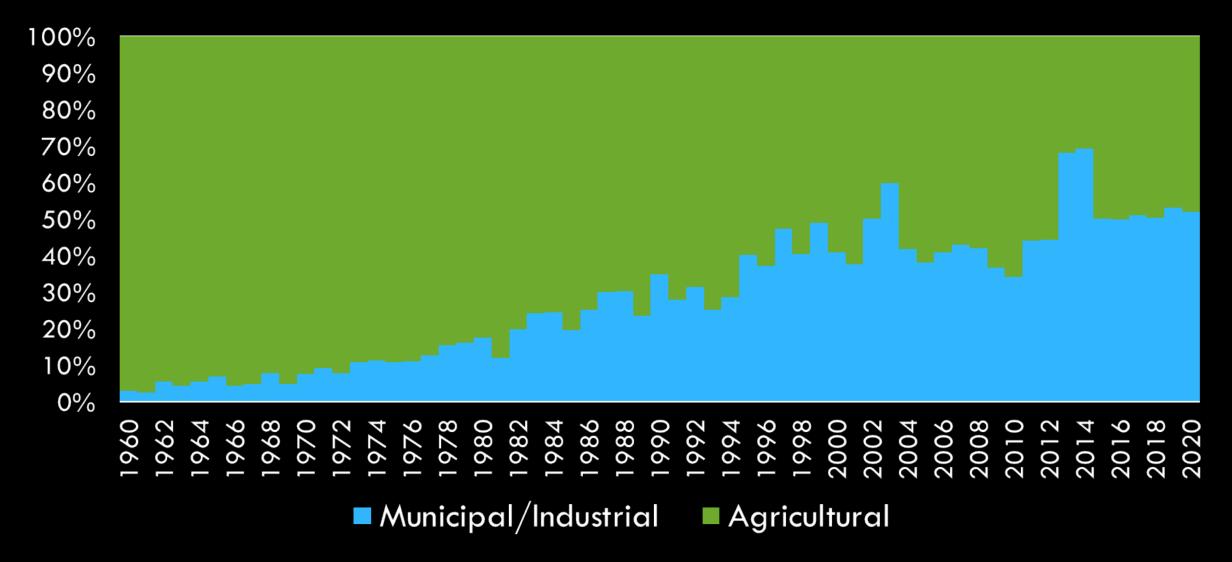
Water Year (AF)



■ Municipal/Industrial (est.) ■ Agricultural (est.)



C-BT Deliveries to Ag and M&I

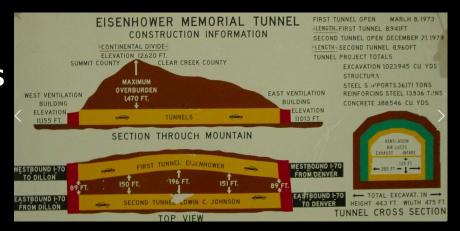




Bridging the Divide

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 - CRCA (Colorado River Cooperative Agreement)
 - Eagle River MOU Project
- Compensatory Storage / Mitigation Components
 - Green Mountain Reservoir & Colorado-Big Thompson
 - Windy Gap Project & Wolford Reservoir
 - Fry-Ark Project & Ruedi Reservoir





Water Conservancy District Act (1937)

C.R.S. § 37-45-118 (In part)

Any works or facilities planned and designed for the exportation of water from the natural basin of the Colorado river and its tributaries in Colorado, by any district.... Any such works or facilities shall be designed, constructed, and operated in such manner that the present appropriations of water and, in addition thereto, prospective uses of water for irrigation and other beneficial consumptive use... within the natural basin of the Colorado river in the state of Colorado...will not be impaired nor increased in cost at the expense of the water users... The facilities and other means for the accomplishment of said purpose shall be incorporated in and made part of any project plans for the exportation of water from said natural basin in Colorado.

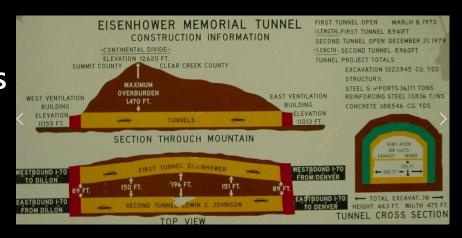
(Mitigation Measures)



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Questions & Discussion

