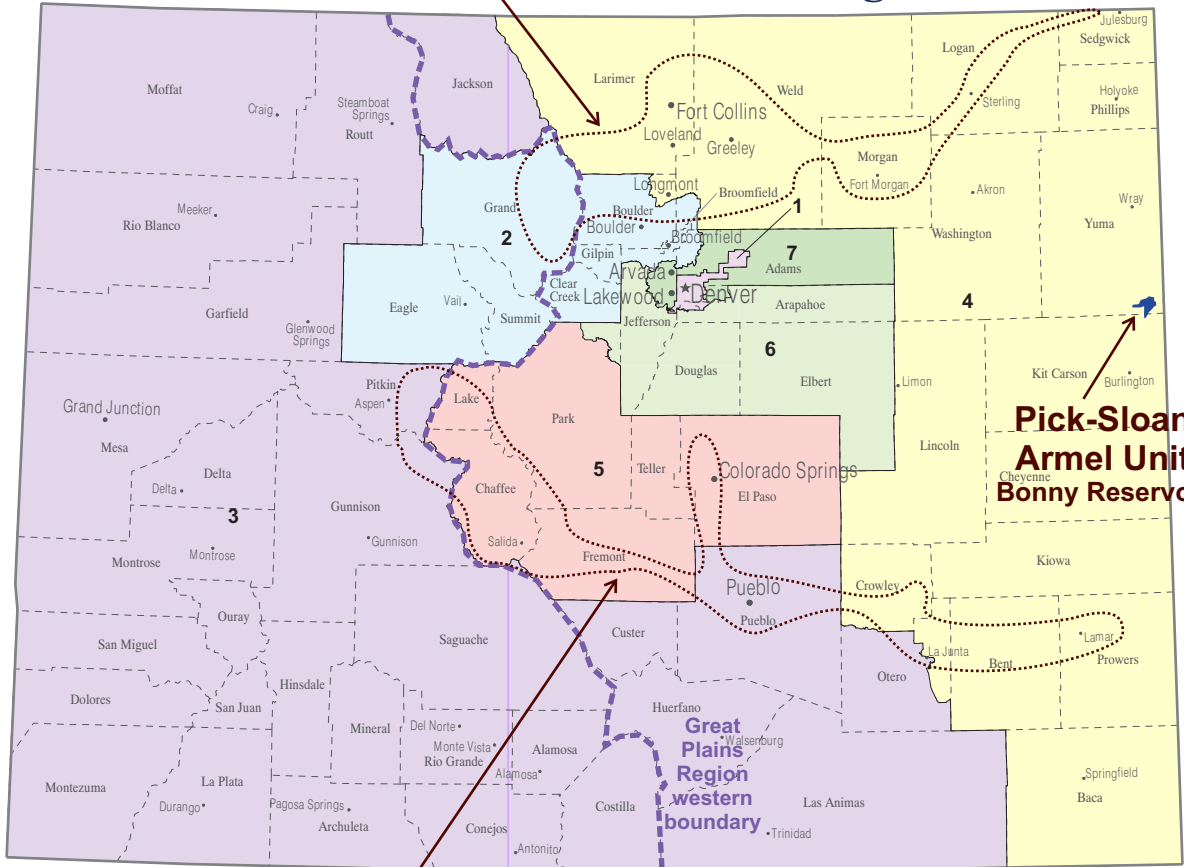
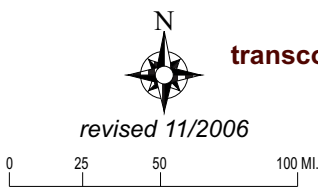


**Colorado - Big Thompson**  
 transcontinental diversion and delivery features  
 10 storage reservoirs  
 6 powerplants  
 general project area shown

# Map of Great Plains Region Colorado Projects and Congressional Districts



**Pick-Sloan  
 Armel Unit  
 Bonny Reservoir**



**Frylingpan - Arkansas**  
 transcontinental diversion and delivery features  
 5 storage reservoirs  
 1 powerplant  
 general project area shown

# Colorado

## Governor

Bill Ritter (D)

## Senators

Wayne Allard (R)

Ken Salazar (D)

## Dist. Representative

1. Diana DeGette (D)
2. Mark Udall (D)
3. John Salazar (D)
4. Marilyn N. Musgrave (R)
5. Doug Lamborn (R)
6. Thomas Tancredo (R)
7. Ed Perlmutter (D)

## Reclamation Offices

***for Bonny Dam contact:***

***Nebraska-Kansas Area Manager:***  
 Steve Ronshaugen (acting)

*Nebraska-Kansas Area Office*  
 P.O. Box 1607  
 Grand Island, NE 68802-1607

**Regional Director:**  
 Michael J. Ryan

Great Plains Regional Office  
 P.O. Box 36900  
 Billings, MT 59107-6900

(406) 247-7600

**Eastern Colorado Area Manager:**  
 Mike Collins

Eastern Colorado Area Office  
 11056 W. County Road 18E  
 Loveland, CO 80357-9711

(970) 962-4300  
 fax: (970) 663-3212

## Reclamation in Eastern Colorado

### The Eastern Colorado Area Office manages:

2 complex projects that divert water from the west slope of the Continental Divide (tributary to the Colorado River) and deliver it to the population centers on the east slope.

These two projects have:

19 storage dams,  
7 dikes,  
24 diversion structures and  
7 powerplants.

The Great Plains Region's projects and operations in Colorado are generally in eastern Colorado and the east slope of the Rocky Mountains, but there are water diversion and storage facilities on the west slope as well. The Great Plains Region's facilities are managed by the Eastern Colorado Area Office (ECAO) in Loveland, Colorado.

Because 80 percent of Colorado's precipitation falls on the west slope of the Rockies, and 80 percent of Colorado's population lives on the east slope, the ECAO's two largest projects, the Colorado-Big Thompson Project and Fryingpan-Arkansas Project, divert and store water on the west slope for use on the arid east slope. ECAO also manages the Trinidad Project in the southeast corner of the state, handles resource issues at Bonny Dam and Reservoir in the northeast corner of the state (part of the Pick-Sloan Missouri Basin Program), land issues at the Narrows also in the northeast, and the Leadville Mine Drainage Tunnel and Treatment Plant near the town of Leadville.



Pueblo Reservoir, near Pueblo, is the terminal storage feature of the Fryingpan-Arkansas Project.

In total, the region's projects in Colorado serve 3,611 farms with a total of about a million acres of irrigated lands. Those lands produce about \$460 million worth of crops each year and provide water to a rural and urban population of over one and a quarter million people.

The region's power facilities in Colorado produce about 800 million kilowatt hours of electricity each year, enough power to supply the needs of over 100,000 households.



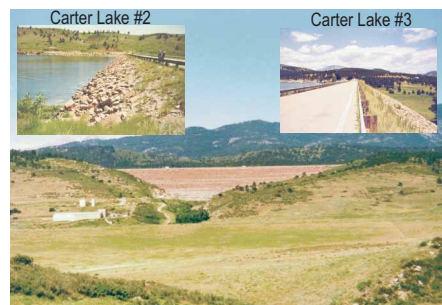
Reclamation Project / Unit	State	Date Authorized	Reservoir Name	Storage Dam Names	Project Flood Benefit through 2006 (\$1000)	Diversion Facility Names	Poweplant Name	Generator Units	Hydropower Capacity (mW)	Net Generation 2006 (kWh)	Number of Pumping Plants	Irrigated Acres	Canals & Laterals (m)	Muni. & Industrial and RWS Population
Colorado-Big Thompson	CO	1937	Carter Lake	3 Carter Lake Dams	0	Willow Creek Forebay Dam*	Big Thompson	1	4.5	9,565,300	3	720,000	99.1/34.12***	725,000
			Flatiron Afterbay Reservoir	Flatiron Dam	0	East Portal Dam	Estes	3	45	120,305,120	(includes Flatiron**)			
			Green Mountain Reservoir *	Green Mountain Dam *	99	Little Hell Creek Dam	Flatiron	3	94.5	257,255,262				
			Lake Granby *	Granby dam *	278	South Poudre Supply Dam	Green Mountain*	2	26	28,778,000				
				4 Grandby dikes*	-	Pole Hill Afterbay Dam	Marys Lake	1	8.1	38,495,814				
			Horsetooth	Dixon Canyon Dam	0	Big Thompson Dam	Pole Hill	1	38.2	197,574,400				
				Horesetooth Dam	0	North Poudre Dam								
				Satanka Dike	0									
				Soldier Canyon Dam	0									
				Spring Canyon Dam	0									
			Mary's Lake	2 Marys Lake Dikes	0									
			Lake Estes	Olympus Dam	0									
			Shadow Mountain Reservoir *	Shadow Mountain Dam *	10									
			Pinewood Reservoir	Rattlesnake Dam	0									
			Willow Creek Reservoir *	Willow Creek Dam *	0									
P-S Arnel Unit	CO	1944	Bonny Reservoir	Bonny Dam	2,787									
Fryingpan-Arkansas	CO	1962	Mt. Elbert Forebay	Mt. Elbert Forebay Dam	0	5 dams & 12 structures *	Mount Elbert	2	200	340,995,310	1 (Mt Elbert**)	280,600	4.3/26.7***	545,000
			Pueblo Reservoir	Pueblo Dam	31,476									
			Ruedi Reservoir *	Ruedi Dam *	9,843									
			Turquoise Lake	Sugarloaf Dam	0									
			Twin Lakes Reservoir	Twin Lakes Dam	0									
			*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
<b>EASTERN COLORADO AREA SUMMARY</b>			<b>16 reservoirs *</b>	<b>20 storage dams &amp; 7 dikes*</b>	<b>44,493,000 flood \$</b>	<b>24 major structures*</b>	<b>7 powerplants</b>	<b>13 gen units</b>	<b>416.3 mW cap.</b>	<b>992,969,206 kWh</b>	<b>4 pump plants**</b>	<b>1,000,600 acres</b>	<b>61 mi tunnels</b>	<b>1,270,000 people</b>

**NOTES:**  
 \* The Colorado-Big Thompson and Fryingpan-Arkansas Projects divert west slope waters (Colorado River basin) to the east slope of the Continental Divide. West slope features are marked with an asterisk. A portion of the delivery facilities of the Colorado River  
 \*\* Flatiron and Mount Elbert are pump-storage powerplants that pump water during periods of low power demand for use in generating power when needed.  
 \*\*\* Canals and laterals / tunnels. The transcontinental diversion projects use tunnels to convey water under the Rocky Mountains.

## Images of Great Plains Region Dams in Colorado (more on next page)



Bonny Dam



Carter Lake Dam #1



Granby Dam & Reservoir



Green Mtn Dam & Powerplant

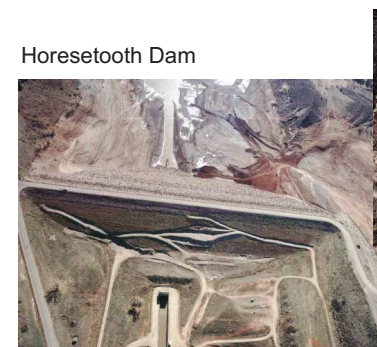


Flatiron Dam & Powerplant

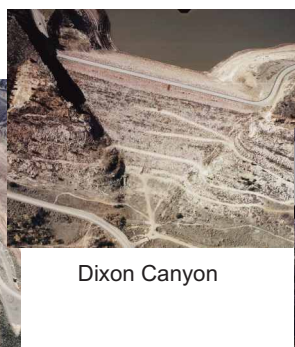


Olympus Dam & Reservoir

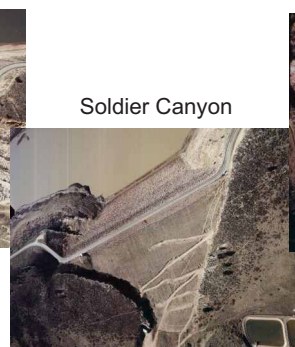
Horsetooth Reservoir dams:  
 as seen before they were recently modified under the Safety of Dams Program



Horesetooth Dam



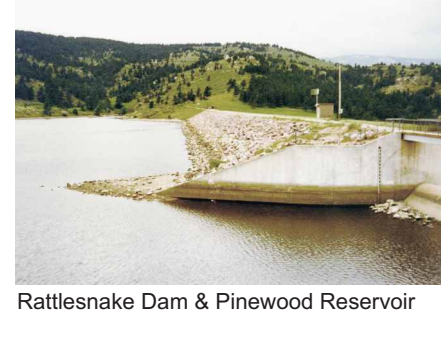
Dixon Canyon



Soldier Canyon



Spring Canyon



Rattlesnake Dam & Pinewood Reservoir



Shadow Mountain Dam & Reservoir



Willow Creek Dam



# Fryingpan-Arkansas Project Colorado

## Storage Dams & Hydropower Facilities



Ruedi Dam (west slope feature)



Sugar Loaf Dam & Reservoir



Pueblo Dam & Reservoir



Twin Lakes Dam



MT Elbert Forebay

MT Elbert Powerplant  
(a pump/storage facility)

Twin Lakes Reservoir