

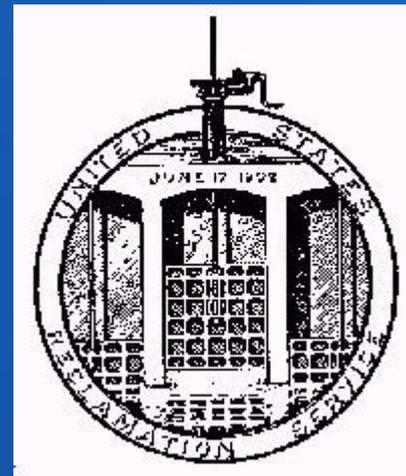
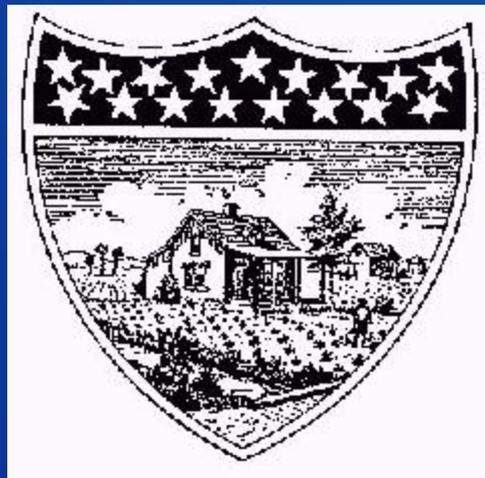
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Managing Water in the West

Overview of the Bureau of Reclamation

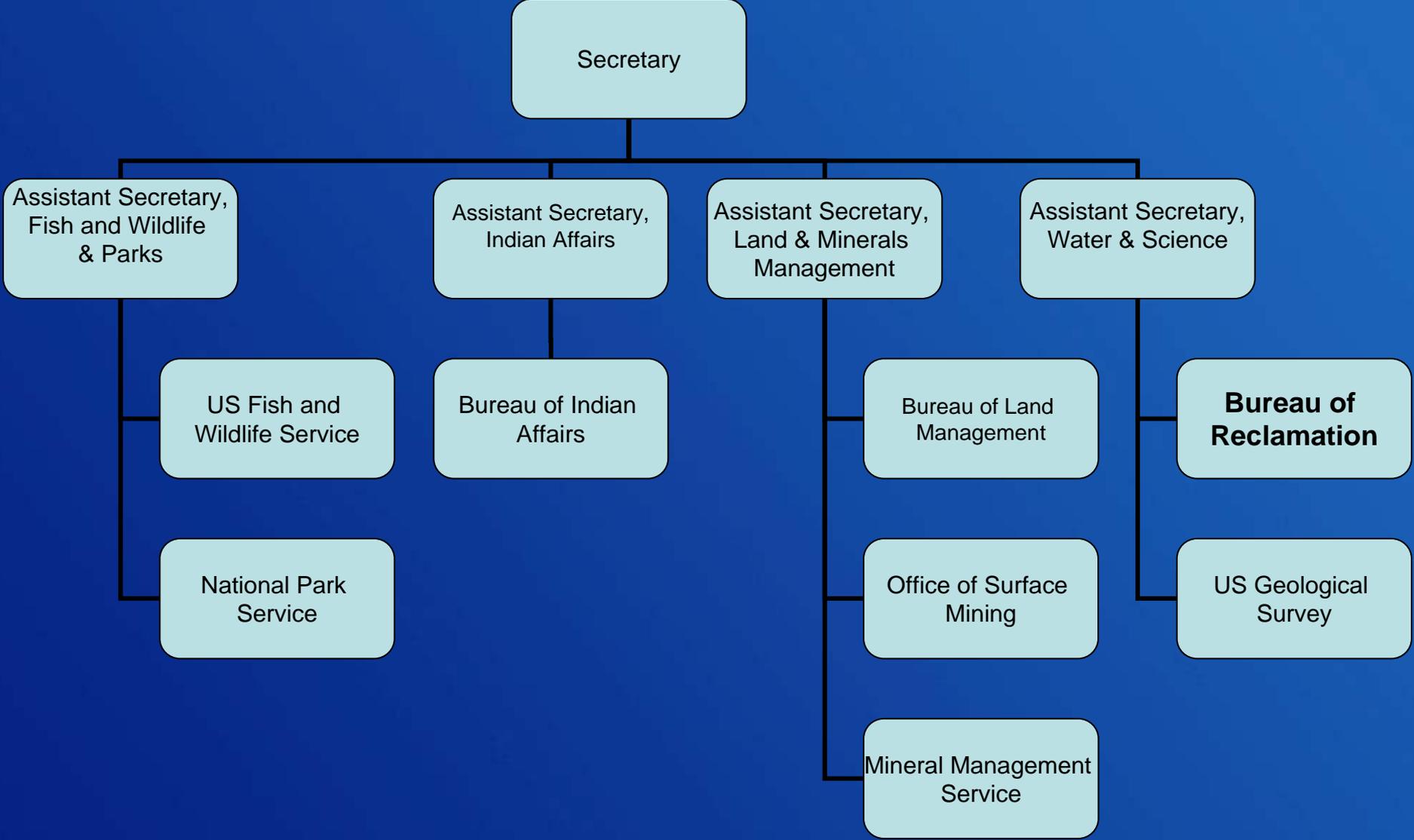


U.S. Department of the Interior
Bureau of Reclamation



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U.S. Department Of The Interior



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Mission Statement

To manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of the American public.

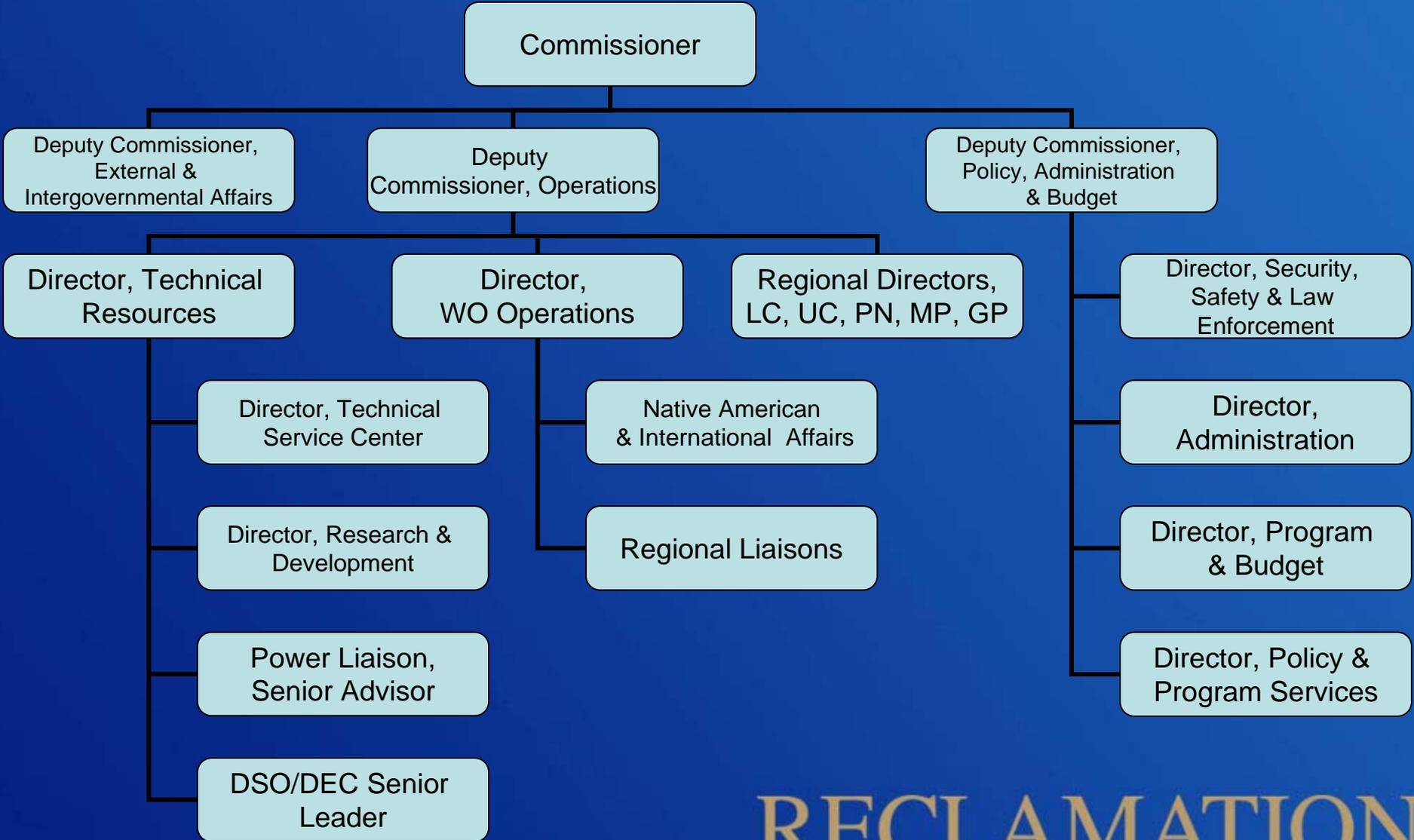
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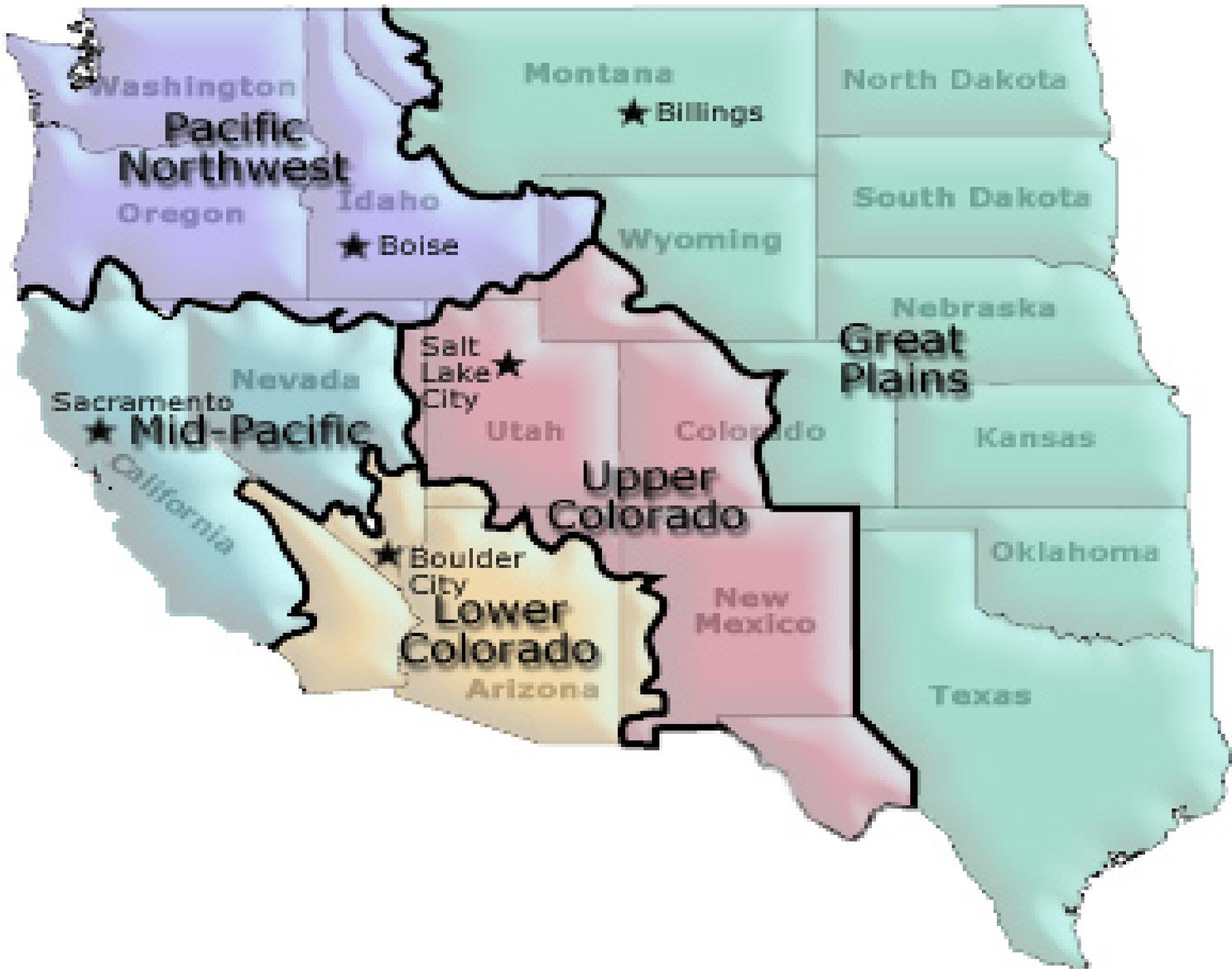


Michael L. Connor
Commissioner
Bureau of Reclamation

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Bureau of Reclamation – Organization Chart





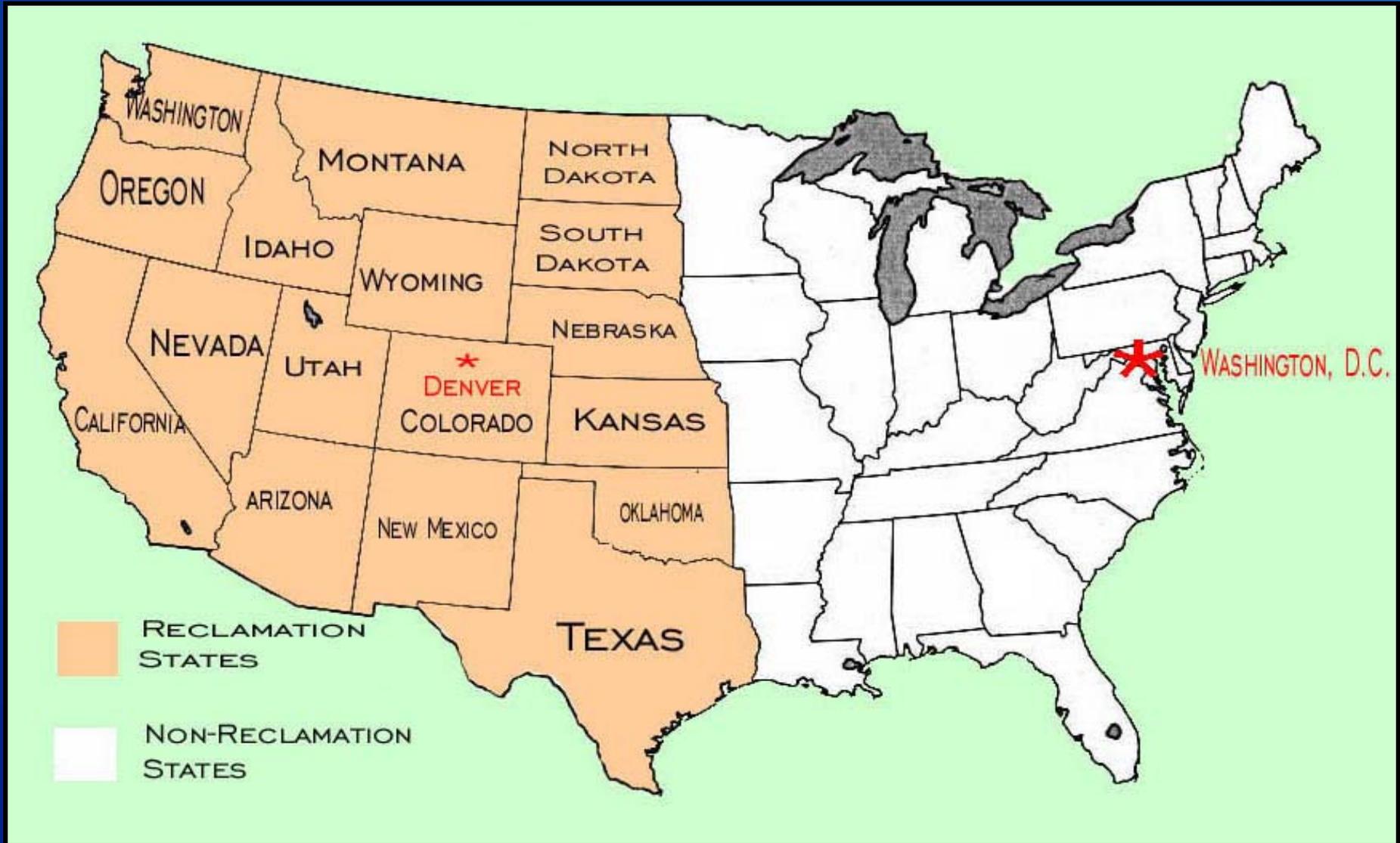
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Major River Basins In The West



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17 Western States



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Annual Average Precipitation



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Key Water Agencies

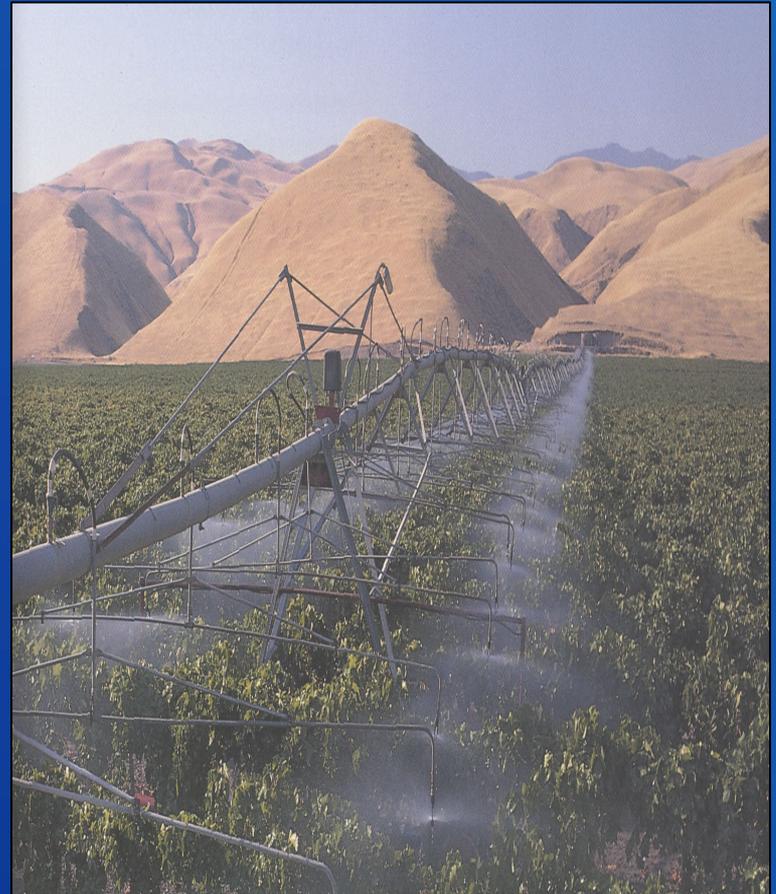
- Reclamation
- U.S. Army Corps of Engineers
- Tennessee Valley Authority
- U.S. Geological Survey
- U.S. Environmental Protection Agency
- Natural Resources Conservation Service (USDA)
- National Weather Service

What is the Water used for ?

- **agricultural irrigation**
- **municipal and industrial**
- **hydropower**
- **fish and wildlife**
- **recreation**
- **flood control**

Agricultural Irrigation

- Provides irrigation water to 20% of U.S. Western farmers
- Irrigation water enables farmers to produce 60% of the nation's vegetables and 25% of its fruit and nut crop



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Municipal And Industrial



**Supplies About 40 Trillion Liters Of Water
To 35 Million People Every Year**

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Hydropower

- 10th Largest Electric Utility in the U.S.A.
- 5th Largest Electric Utility In The 17 Western States



Flood Control



- **Regulating Of Flood Waters Have Saved Destruction Of Cities And Agricultural Lands**
- **Billions Of Dollars Have Been Saved In Flood Damage By Its Actions Since 1950**

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Recreation

- About 90 Million Visitors A Year To Reclamation Projects And Lands



- 308 Recreation Sites That Feature Fishing, Boating And Camping

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Fish And Wildlife

- Enhance Fish And Wildlife Habitat



- Protect Endangered Species

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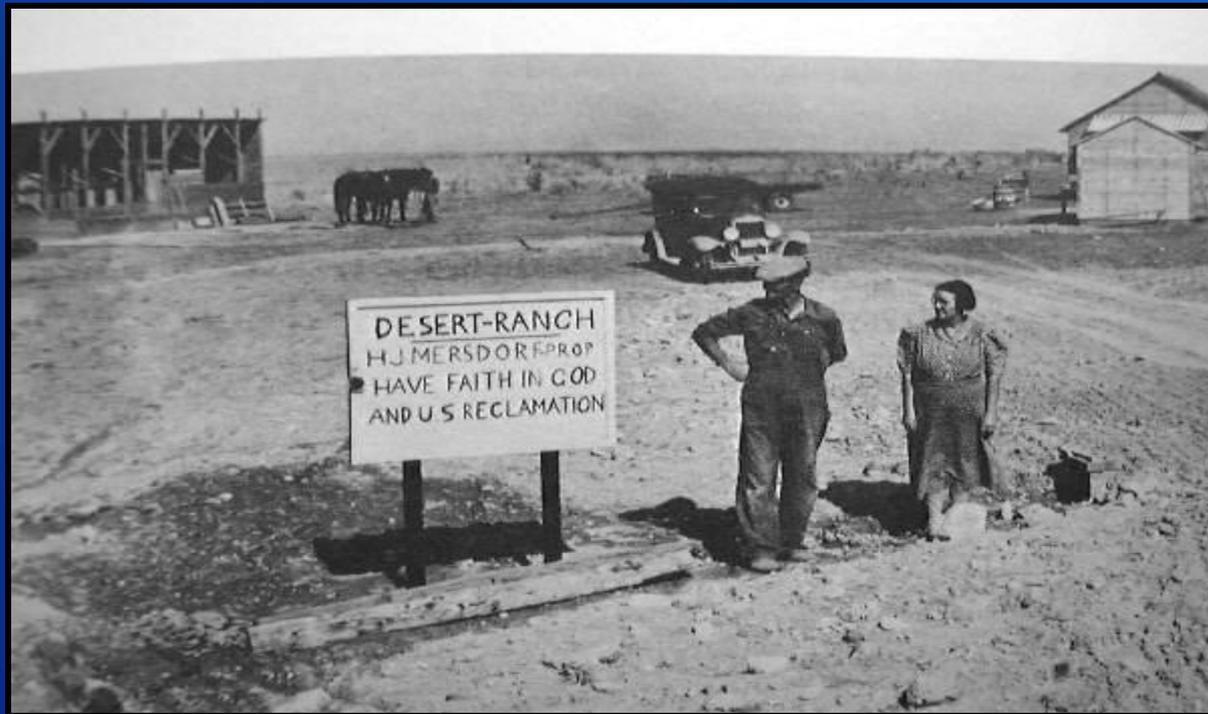
Western United States – Early 1900s



Grand Valley Project, Colorado

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Western United States – Early 1900s



Boise Project, Idaho

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Roosevelt Dam



Salt River Project, Arizona

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Hoover Dam



Boulder Canyon Project, Nevada and Arizona

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Reclamation Mission And Customers

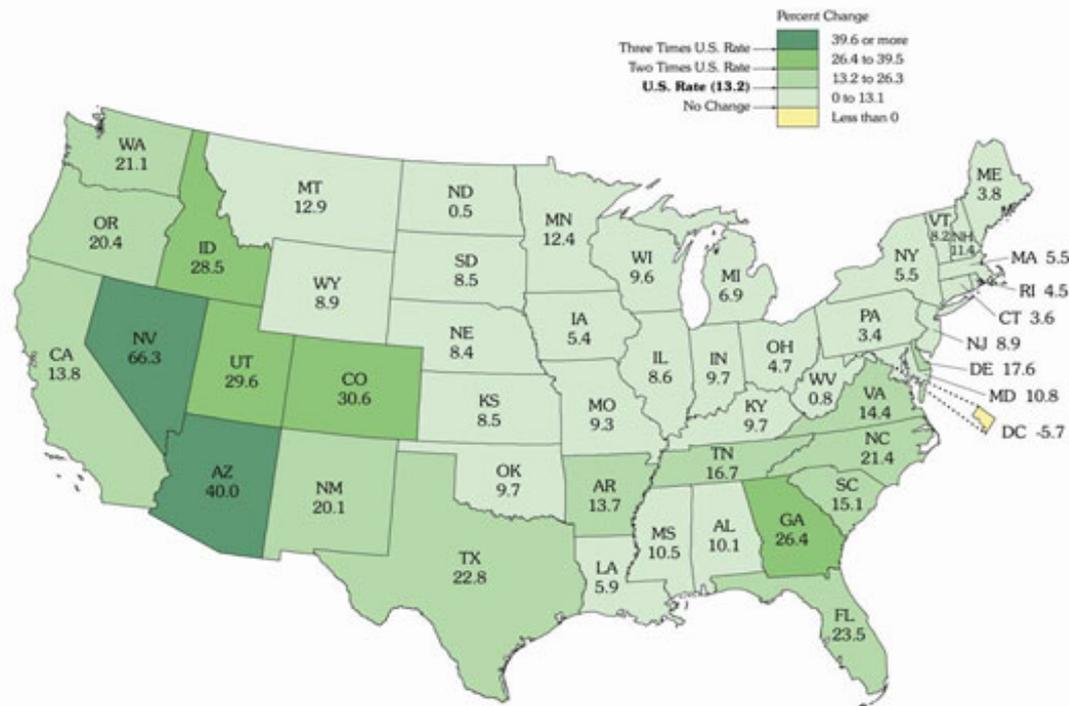
- **Formally Defined By: Contracts, Laws And Regulations**
- **Informally Defined By: Local Population + Interests + Economic And Political Power**

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Population Growth

Demographic Changes: Population Has Grown Fastest in the West, Particularly in the “Public Land States”

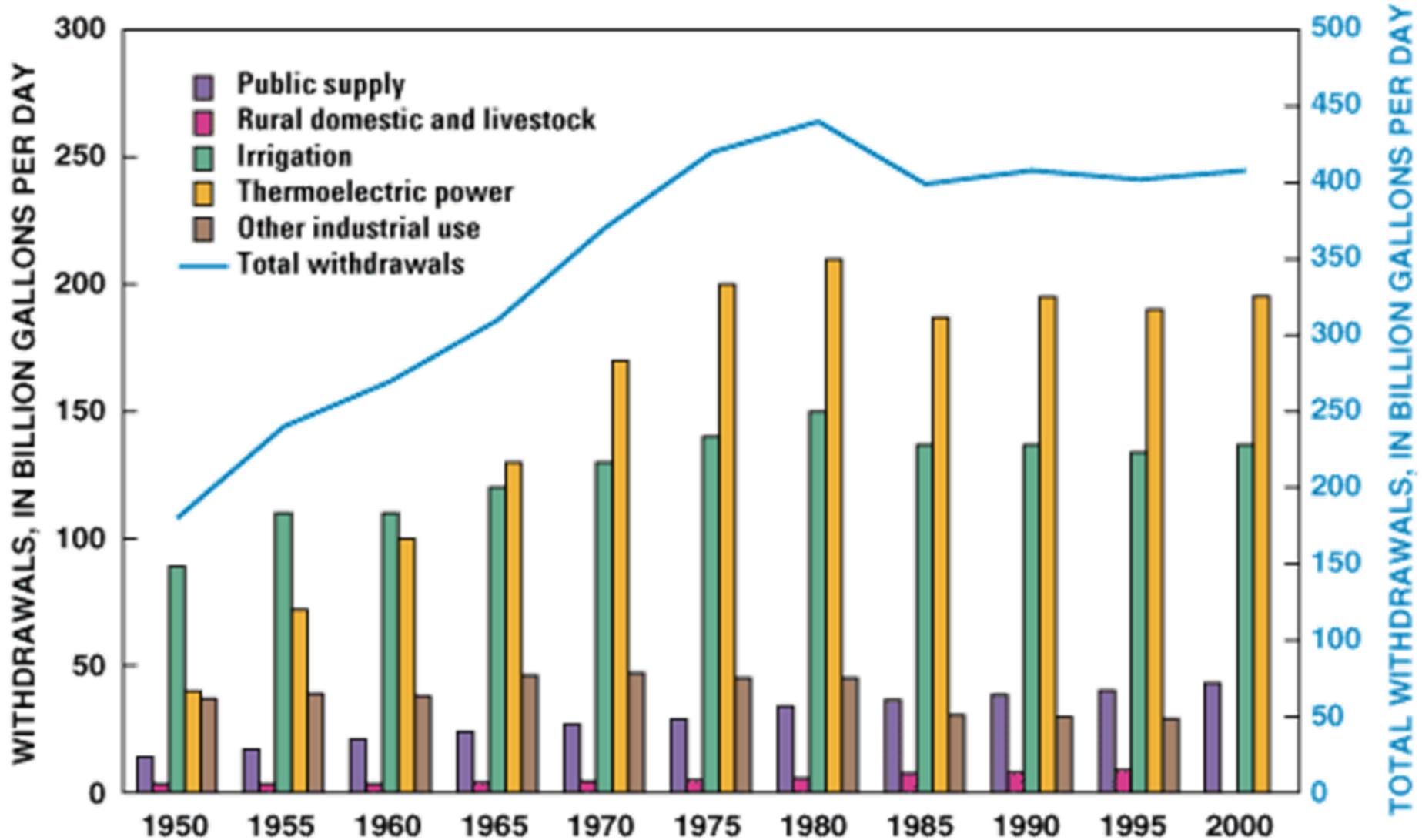
Percent Change in Resident Population for the 48 States and the District of Columbia: 1990 to 2000



The West's Population

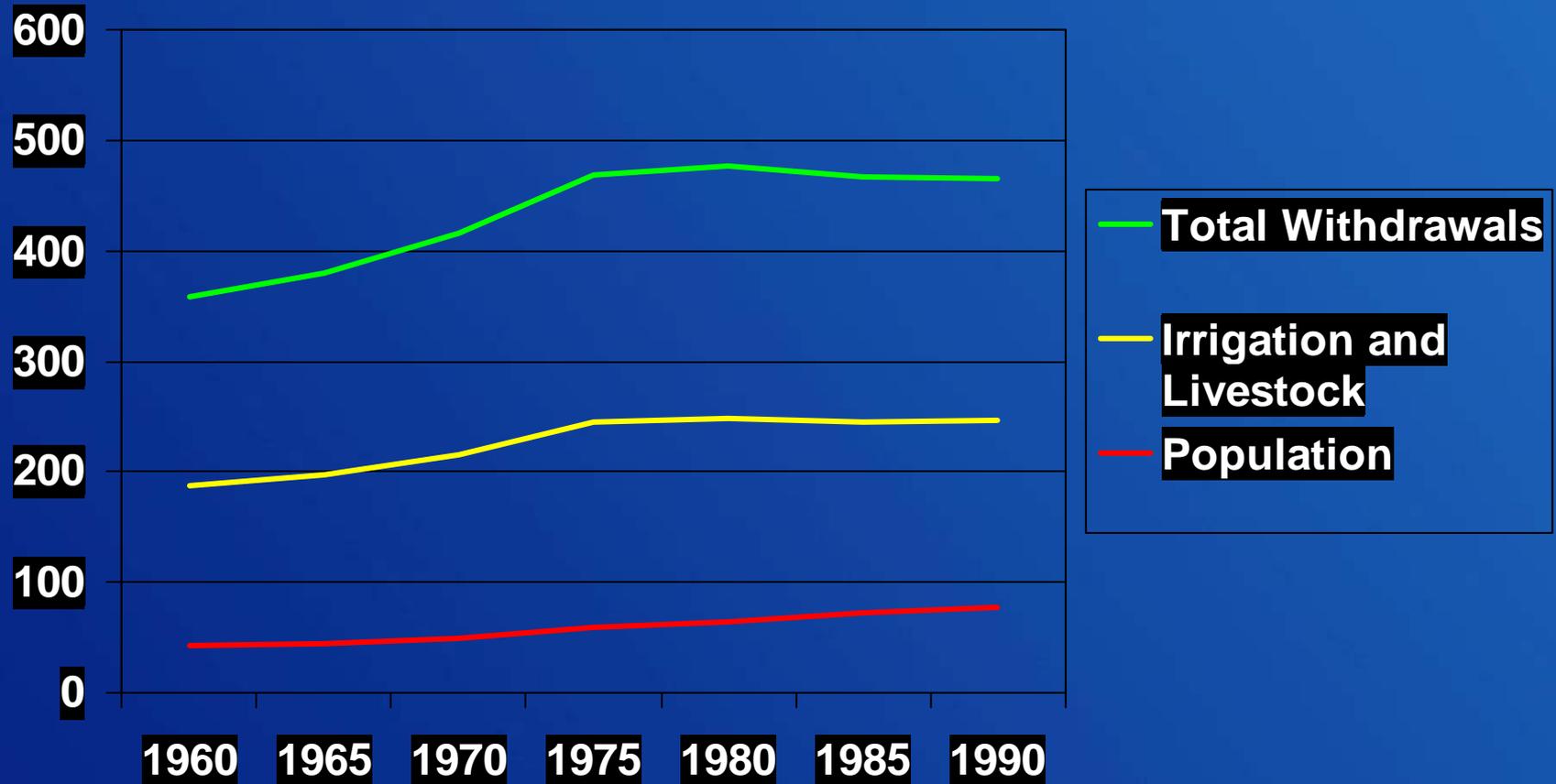
- **9 Of 10 Fastest Growing States Are In The West**
- **California Is The Nation's Most Populous State**
- **Biggest Growth Is In California And Texas**
- **Riparian Corridors Are Key Growth Centers**

Trends in Water Use, 1950-2000



Water Withdrawals & Population in the Western United States, 1960-1990

(Billions of cubic meters, population in Millions)



Changing Attitudes

- Environmental Quality (Air, Water) ↑
- Non-consumptive Use Of Public Lands ↑
- Protection Of Open Spaces And Agricultural Landscapes ↑

New Reclamation “Customers”

- **More Small Farms / Hobby Farms**
- **More M&I Users**
- **More Recreationists**
- **Greater Ethnic Diversity**
- **More Urbanization Around Projects**
- **More Floodplain Residents**
- **More Environmental Interests**
- **Hydropower Users Spread Throughout The West**

Bureau Of Reclamation

Internet Website

<http://www.usbr.gov>

Project Dataweb

www.usbr.gov/dataweb

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