

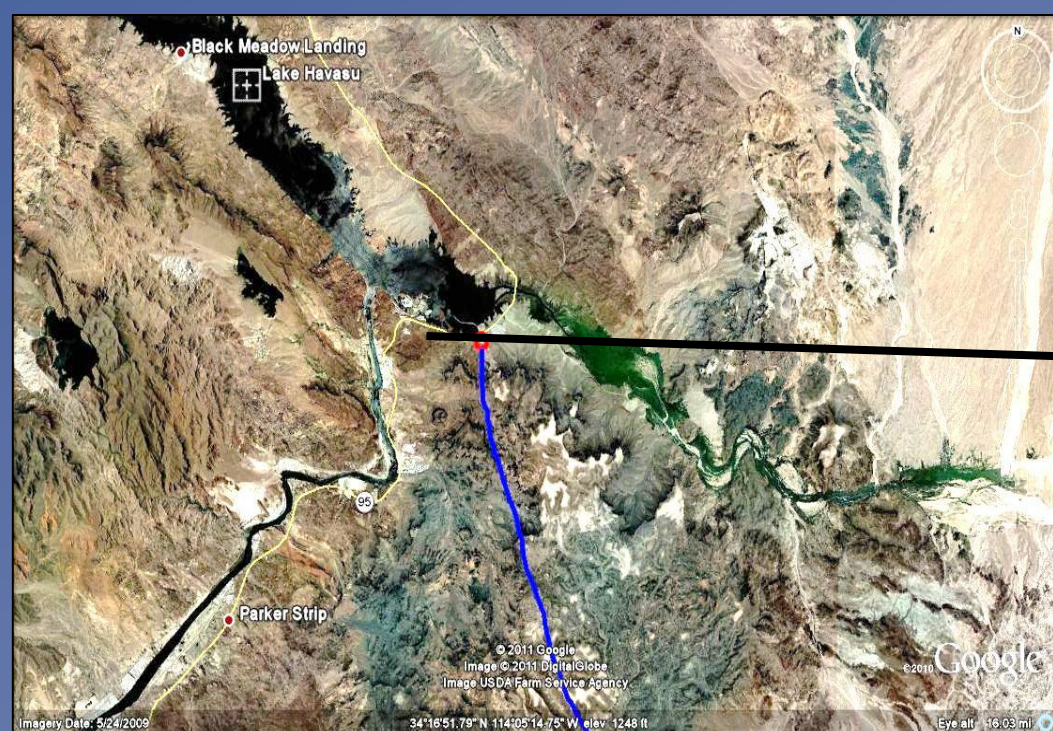
Central Arizona Project

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Earth Camp for Educators 2011

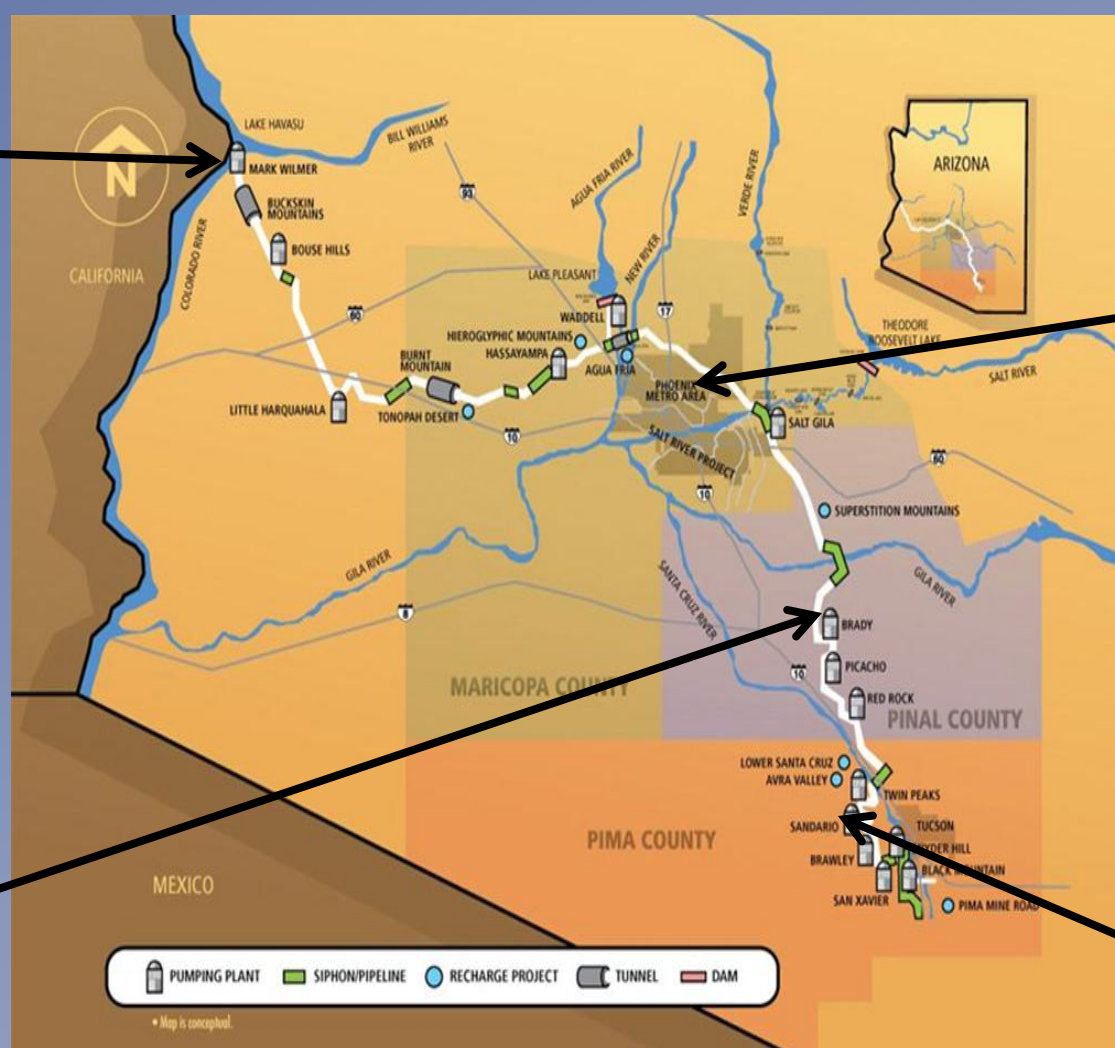


The Power of Perspective

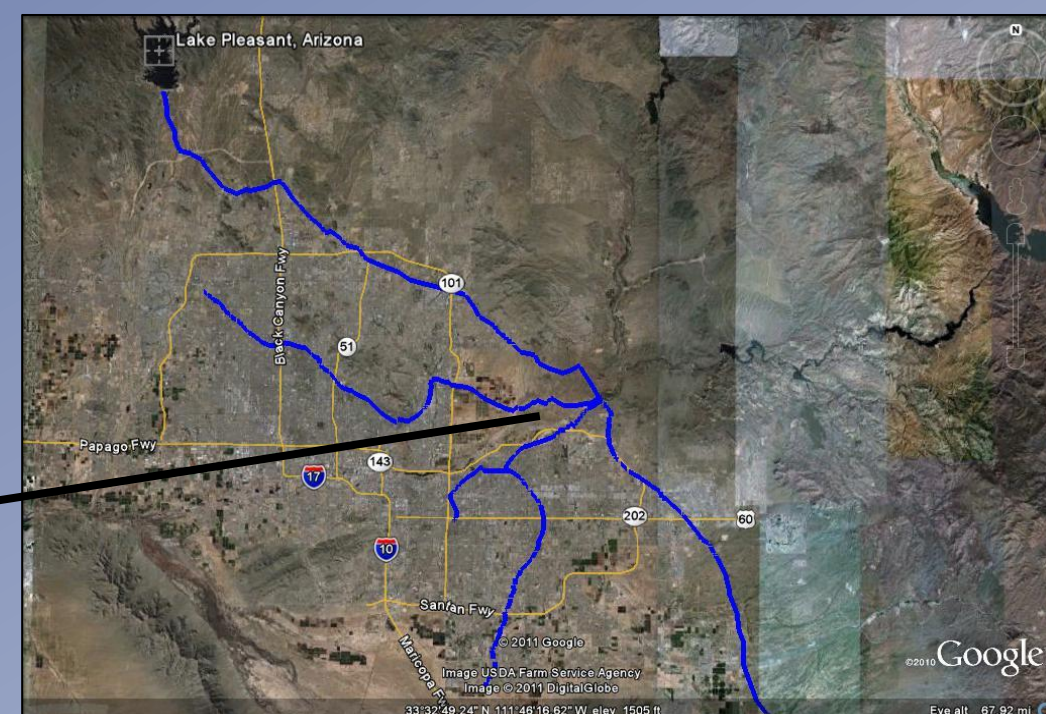
Artist's view of a U.S. Landsat satellite. Credits: NASA.



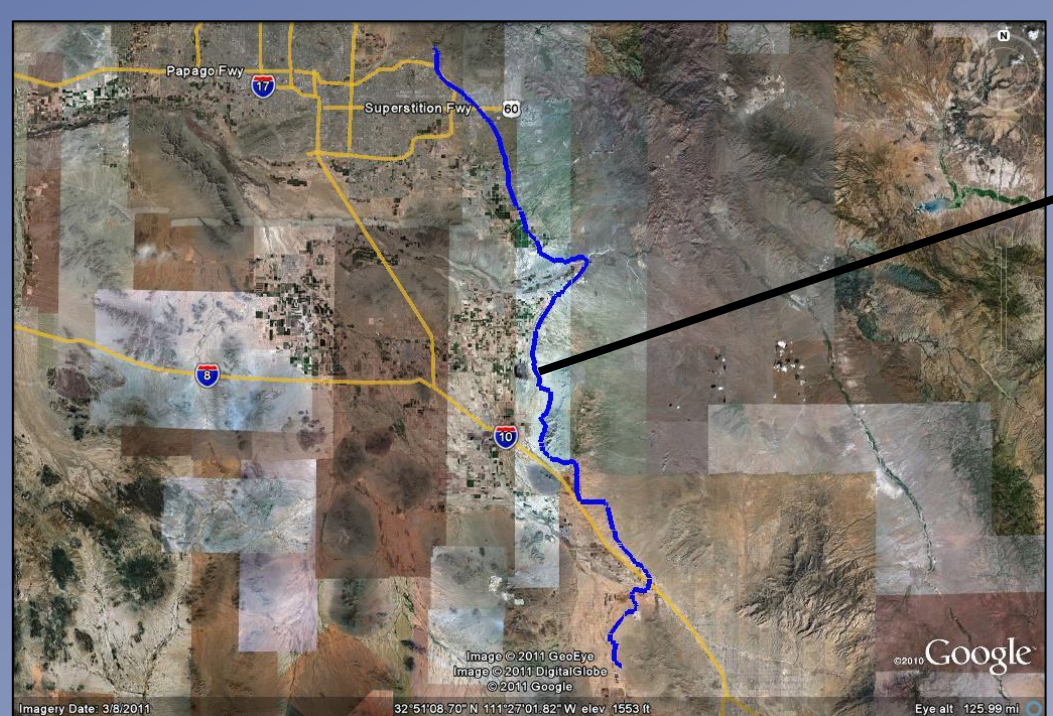
Start of the CAP Canal in Lake Havasu



Central Arizona Project Canal System Map



Distribution of CAP water in Phoenix Metro Area



CAP canal snakes across the desert from Phoenix to Tucson



Groundwater recharge basins at the end of the CAP canal near Tucson

The Central Arizona Project (CAP) delivers water from the Colorado River to Central and Southern Arizona. It runs 336 miles from Lake Havasu to Tucson, delivering water to farmers, Native American nations and 50 cities and communities, including Phoenix and Tucson. CAP water is lifted 3000 feet between the canal intake at the river and its end near Tucson. The CAP provides the largest single supply of renewable water for the state, with a service area that includes 5 million people, and growing! Delivering all this water consumes about 4% of all the energy used in Arizona.



Water Resources Research Center

The Central Arizona Project delivers 1.5 million acre-feet of water each year. One acre-foot is the amount of water used by the typical suburban household in one year. Where does this water go?

- 30% is "banked" underground for future use
- 10% goes to Native American Communities
- 35% goes to cities, towns, industries
- 25% goes to agriculture