

Water Conservation Numerical Factoids

Nothing tells a story better than cold, hard facts. This collection of numbers can serve as a useful tool for analyzing various policies, technologies, and proposals related to water conservation. By default, this table is sorted by Units, then by #. It is useful to change the sort to see groupings by Description, or to add to the information shown here to support your own analysis. For example:

Compare the effects of different water conservation measures

Analyze the sources of San Diego County's water

Examine water reuse and purification technology proposals

Compare storage capacities of reservoirs

Research the Colorado River Compact, the Quantification Settlement Agreement (QSA), and other agreements

To serve your needs better, so that you can modify and sort this information, this document is available for download as a Microsoft Word document, at www.ucan.org, where it is continually updated with new information. So go ahead, impress your friends with your grasp of water trivia!

#	Units	Description	Source
26	#	MWD member public agencies	MWD. (3/11/08). Press Release. http://www.mwdh2o.com/mwdh2o/pages/news/press_releases/2008-03/2008-09%20budget_rates.pdf
3.50	\$/acre-foot	Cost for farmers to buy Colorado River Water from the Bureau of Reclamation	Reisner, Marc. (1985). <i>Cadillac Desert</i> , Penguin Books, New York. p. 8.
25	\$/acre-foot	MWD imposed surcharge on 3/12/2008 for increasing supply, effective 1/1/2009	MWD. (3/11/08). Press Release. http://www.mwdh2o.com/mwdh2o/pages/news/press_releases/2008-03/2008-09%20budget_rates.pdf
60	\$/acre-foot	MWD pays for Colorado River water	The Press-Enterprise. (March 2008). http://www.pe.com/localnews/inland/stories/PE_News_Local_D_farmers30.3e5e77c.html
140	\$/acre-foot	MWD pays for Delta water, up to this amount	The Press-Enterprise. (March 2008). http://www.pe.com/localnews/inland/stories/PE_News_Local_D_farmers30.3e5e77c.html
200	\$/acre-foot	MWD pays for Palo Verde water	The Press-Enterprise. (March 2008). http://www.pe.com/localnews/inland/stories/PE_News_Local_D_farmers30.3e5e77c.html

300	\$/acre-foot	Cost to desalinate Colorado River Water at Yuma treatment center, in partial fulfillment of the Mexican Water Treaty of 1944. Salinity is largely due to farming activity upstream.	Reisner, Marc. (1985). <i>Cadillac Desert</i> , Penguin Books, New York. p. 8.
412	\$/acre-foot	MWD cost for purchase and delivery of full-service untreated water, Tier 1 ¹ rate, effective 1/1/2009	MWD. (3/11/08). Press Release. http://www.mwdh2o.com/mwdh2o/pages/news/press_releases/2008-03/2008-09%20budget_rates.pdf
528	\$/acre-foot	MWD cost for purchase and delivery of full-service untreated water, Tier 2 rate, effective 1/1/2009	MWD. (3/11/08). Press Release. http://www.mwdh2o.com/mwdh2o/pages/news/press_releases/2008-03/2008-09%20budget_rates.pdf
579	\$/acre-foot	MWD cost for purchase and delivery of full-service treated water, Tier 1 rate, effective 1/1/2009	MWD. (3/11/08). Press Release. http://www.mwdh2o.com/mwdh2o/pages/news/press_releases/2008-03/2008-09%20budget_rates.pdf
695	\$/acre-foot	MWD cost for purchase and delivery of full-service treated water, Tier 2 rate, effective 1/1/2009	MWD. (3/11/08). Press Release. http://www.mwdh2o.com/mwdh2o/pages/news/press_releases/2008-03/2008-09%20budget_rates.pdf
1,024	\$/acre-foot	Typical San Diego residential water utility rate. (See also rate in units of \$/100 cubic feet, HCF).	City of San Diego billing statement, residential single-family household, March 3, 2008
400 – 800	\$/acre-foot	Cost of water from inter-basin transfers	San Diego Coastkeeper, Powerpoint
800 – 900	\$/acre-foot	Estimated cost of water from Integrated Potable Reuse (IPR)	San Diego Coastkeeper, Powerpoint
1,850	\$/acre-foot	Cost of ocean desalination water in 1990	Snow, Lester, California Department of Water Resources
860 – 1,300	\$/acre-foot	Estimated cost of water from ocean desalination, assuming \$0.08/kWh	Johns, Jerry. (2006). 'The Role of Desalination in Meeting California's Water Needs'. CA DWR. Retrieved on 8/1/2008 from http://documents.coastal.ca.gov/reports/2006/6/Th3a-6-2006-presentation.pdf
0.76	\$/HCF	City of Sacramento consumer rate, average (when billing starts in 2010)	The Sacramento Bee
0.80	\$/HCF	City of San Diego charge for recycled water ('purple piping')	City of San Diego, http://www.sandiego.gov/water/recycled/recycledrates.shtml
2.35	\$/HCF	Typical San Diego residential water utility rate. (See also rate in units of \$/acre-foot.)	City of San Diego billing statement, single family residential household, March 3, 2008
2.98	\$/HCF	City of Los Angeles consumer rate, Tier 1	Los Angeles Dept of Water and Power, http://www.ladwp.com/ladwp/cms/ladwp001068.jsp
1.50	\$/month	MWD Cost of 3/12/2008 increase to average household	MWD. (3/11/08). Press Release.

			http://www.mwdh2o.com/mwdh2o/pages/news/press_releases/2008-03/2008-09%20budget_rates.pdf
50,000,000	\$/year	QSA: Revenue generated by IID through sale of 300,000 acre-feet to MWD and SDCWA	Bulkley, Jonathan W. (2004). "Abstract: The October 2003 Quantification Settlement Agreement Implications for Water Management". Retrieved on 8/1/08 from http://www.ucowr.siu.edu/proceedings/2004%20Proceedings/2004%20UCOWR%20Conference%20Proceedings/Thursday/AM%20Technical%20Sessions/Session%2030/Bulkley.pdf
5.8	%	MWD rate increase, 1/2008	San Diego Union-Tribune
6.6	%	MWD rate increase passed along by SDCWA, 1/2008	San Diego Union-Tribune
14.3	%	MWD Rate overall increase to member agencies, imposed on 3/12/2008, going into effect 1/1/2009	MWD. (3/11/08). Press Release. http://www.mwdh2o.com/mwdh2o/pages/news/press_releases/2008-03/2008-09%20budget_rates.pdf
16	%	San Diego county's right to Delta and Colorado River water	Wood, Don, The Pacific Energy Policy Center Center
20	%	AB 2175 mandated per-capita urban consumer use reduction, statewide	http://info.sen.ca.gov/pub/07-08/bill/asm/ab_2151-2200/ab_2175_bill_20080701_amended_sen_v95.pdf
25	%	San Diego county's actual consumption of Delta and Colorado River water	Wood, Don, The Pacific Energy Policy Center Center
30	%	MWD reduction in flow to SoCal urban farmers resulting from the delta supply cuts	MWD. (3/11/08). Press Release. http://www.mwdh2o.com/mwdh2o/pages/news/press_releases/2008-03/2008-09%20budget_rates.pdf
30	%	Reduction in flow of delta water to SoCal due to judicial decree to protect the Delta smelt	MWD. (3/11/08). Press Release. http://www.mwdh2o.com/mwdh2o/pages/news/press_releases/2008-03/2008-09%20budget_rates.pdf
30	%	MWD mandatory cutback in agricultural water use for discounted water users, decision 10/22/07, effective 1/1/08	So Cal Agricultural Water Team, http://www.scawt.com/mwdinterrupt.php
42	%	SDCWA: Estimated reduction in agricultural water use due to conversion to residential development	North County Times
50	%	Percentage of urban water consumption used for landscape irrigation, based on a 2005 study (SDCWA white paper)	Water Conservation Summit: Post-Event White Paper, San Diego County Water Authority, (Oct 12, 2007), p. 2
4,000	Acre-feet	Storage: Murray Reservoir	City of San Diego. (2004). Annual Drinking Water Quality Report
7,000	Acre-feet	Storage: Miramar Reservoir	City of San Diego. (2004). Annual Drinking Water Quality Report
18,000	Acre-feet	Emergency Storage Project, added storage: Olivenhain	SDCWA. (September 2007). Emergency Storage Project.

		Reservoir	Retrieved June 30, 2008 from http://www.sdcwa.org/infra/pdf/ESP_fact_sheet_Sept_2007.pdf
20,000	Acre-feet	Emergency Storage Project, added storage: Lake Hodges	SDCWA. (September 2007). <u>Emergency Storage Project</u> . Retrieved June 30, 2008 from http://www.sdcwa.org/infra/pdf/ESP_fact_sheet_Sept_2007.pdf
24,000	Acre-feet	Storage: Olivenhain Reservoir	SDCWA, http://sdcwa.org/infra/esp-olivenhainphototour.phtml
25,400	Acre-feet	Storage: Loveland Reservoir	CA Dept of Water Resources, http://www.dpla.water.ca.gov/sd/hydrologic_data/reservoir/reservoir_storage_aug01.pdf
29,000	Acre-feet	Storage: Hodges Reservoir	City of San Diego. (2004). <u>Annual Drinking Water Quality Report</u>
30,000	Acre-feet	Storage: Sutherland Reservoir	City of San Diego. (2004). <u>Annual Drinking Water Quality Report</u>
43,800	Acre-feet	Storage: Lake Skinner	CA Dept of Water Resources, http://www.dpla.water.ca.gov/sd/hydrologic_data/reservoir/reservoir_storage_aug01.pdf
45,000	Acre-feet	Storage: Barrett Reservoir	City of San Diego. (2004). <u>Annual Drinking Water Quality Report</u> , p.4
50,000	Acre-feet	Storage: Morena Reservoir	City of San Diego. (2004). <u>Annual Drinking Water Quality Report</u>
52,000	Acre-feet	Emergency Storage Project: San Vicente Reservoir (approved dam raise project by 2014)	SDCWA. (September 2007). <u>Emergency Storage Project</u> . Retrieved June 30, 2008 from http://www.sdcwa.org/infra/pdf/ESP_fact_sheet_Sept_2007.pdf
58,000	Acre-feet	Storage: Otay Reservoir	City of San Diego. (2004). <u>Annual Drinking Water Quality Report</u>
90,000	Acre-feet	Storage: San Vicente Reservoir, existing storage (pre-dam raising)	City of San Diego. (2004). <u>Annual Drinking Water Quality Report</u>
90,100	Acre-feet	Emergency Storage Project (ESP) of the SDCWA, additional total storage capacity	SDCWA. (September 2007). <u>Emergency Storage Project</u> . Retrieved June 30, 2008 from http://www.sdcwa.org/infra/pdf/ESP_fact_sheet_Sept_2007.pdf
100,000	Acre-feet	Storage: San Vicente, carry-over (wet weather) (approved)	SDCWA, http://www.sdcwa.org/infra/cip-

		dam raise project by 2014)	carryoverstorage.phtml
113,000	Acre-feet	Storage: El Capitan Reservoir	City of San Diego. (2004). <u>Annual Drinking Water Quality Report</u>
200,000	Acre-feet	MWD increased supply to be purchased using the \$25/af surcharge, effective 1/1/2009	MWD. (3/11/08). Press Release. http://www.mwdh2o.com/mwdh2o/pages/news/press_releases/2008-03/2008-09%20budget_rates.pdf
9,900,000	Acre-feet	QSA: Total accumulated transfer to SDCWA over 45 years, starting from 2003	SDCWA, http://www.sdcwa.org/manage/pdf/QSAfactsheet.pdf
18,300,000	Acre-feet	QSA: Total accumulated transfer to SDCWA over 75 years, starting from 2003	SDCWA, http://www.sdcwa.org/manage/pdf/QSAfactsheet.pdf
21,000,000	Acre-feet	QSA: Total accumulated transfer to SDCWA over 110 years, starting from 2003	SDCWA, http://www.sdcwa.org/manage/pdf/QSAfactsheet.pdf
1	Acre-feet/year	Average consumption for four people, or two households	Various sources
16,000	Acre-feet/year	QSA: Canal lining water going to ‘San Luis Rey Settlement Parties’, several bands of Mission Indians, to satisfy a 1988 federal legal settlement over a water rights dispute	SDCWA, http://www.sdcwa.org/manage/pdf/QSAfactsheet.pdf
26,000	Acre-feet/year	QSA Coachella Canal lining project, net water conservation as of 2006	SDCWA, http://www.sdcwa.org/manage/pdf/QSAfactsheet.pdf
28,440	Acre-feet/year	SDCWA: Estimated reduced non-ag (residential, commercial, industrial?) demand through conservation measures, to be available for new development	<u>North County Times</u>
38,070	Acre-feet/year	SDCWA: Estimated reduced agricultural demand through conservation measures, to be available for new development	<u>North County Times</u>
56,000	Acre-feet/year	Amount the SDCWA hopes to save through “extraordinary conservation measures in 2008”, inspired by their \$1.8 million educational marketing campaign approved on March 27, 2008	SDCWA
77,700	Acre-feet/year	QSA All-American Canal lining project, net water conservation as of 2010	SDCWA, http://www.sdcwa.org/manage/pdf/QSAfactsheet.pdf
77,700	Acre-feet/year	QSA Increase flow for 110 years to SDCWA due to lining of the All-American and Coachella canals ⁱⁱ	SDCWA, http://www.sdcwa.org/manage/pdf/QSAfactsheet.pdf
103,000	Acre-feet/year	QSA: IID to CVWA transfer	SDCWA, http://www.sdcwa.org/manage/pdf/QSAfactsheet.pdf
110,000	Acre-feet/year	QSA: IID to MWD transfer	SDCWA, http://www.sdcwa.org/manage/pdf/QSAfactsheet.pdf
25,000 – 111,000	Acre-feet/year	QSA: Palo Verde farmers transfer to MWD	SDCWA,

			http://www.sdcwa.org/manage/pdf/QSAfactsheet.pdf
10,000 – 200,000	Acre-feet/year	QSA: IID to SDCWA transfer, increasing over 75 years	SDCWA, http://www.sdcwa.org/manage/pdf/QSAfactsheet.pdf
300,000	Acre-feet/year	Colorado River Compact: Nevada allocation after California and Arizona got their share, in 1928.	Reisner, Marc. (1985). <i>Cadillac Desert</i> , Penguin Books, New York. p. 130
300,000	Acre-feet/year	MWD reduction due to delta decision	The Press-Enterprise
330,000	Acre-feet/year	QSA: Coachella Valley Water District's Colorado River Entitlement	SDCWA, http://www.sdcwa.org/manage/pdf/QSAfactsheet.pdf
500,000	Acre-feet/year	Agricultural water use reduction by 2020, as mandated by AB 2175, statewide	http://info.sen.ca.gov/pub/07-08/bill/asm/ab_2151-2200/ab_2175_bill_20080701_amended_sen_v95.pdf
525,000	Acre-feet/year	SDCWA Portion of annual supply procured from MWD (75%)	San Diego Union-Tribune
550,000	Acre-feet/year	MWD Annual Colorado River draw according to a complex formula (see source reference). See also 'QSA – Quantification Settlement Agreement'	MWD, http://www.mwdh2o.com/mwdh2o/pages/yourwater/supply/colorado/colorado04.html
700,000	Acre-feet/year	SDCWA Annual supply volume	The San Diego Union-Tribune
300,000 – 500,000	Acre-feet/year	California Water Plan estimate of desalination water production by 2030	Johns, Jerry. (2006). 'The Role of Desalination in Meeting California's Water Needs'. CA DWR. Retrieved on 8/1/2008 from http://documents.coastal.ca.gov/reports/2006/6/Th3a-6-2006-presentation.pdf
813,000	Acre-feet/year	SDCWA forecast water demands in 2020, including conservation	SDCWA. (2004). San Diego County Water Authority 2004 Annual Water Supply Report. Retrieved June 29, 2008 from http://www.sdcwa.org/news/pdf/WaterSupplyReport2004.pdf
1,000,000	Acre-feet/year	Colorado River Compact: Lower Basin 'bonus' allocation, to keep those states from abandoning the negotiations	Reisner, Marc. (1985). <i>Cadillac Desert</i> , Penguin Books, New York. p. 130
1,500,000	Acre-feet/year	Colorado River Compact: Mexico allocation	Reisner, Marc. (1985). <i>Cadillac Desert</i> , Penguin Books, New York. p. 130
2,230,000	Acre-feet/year	MWD total sales to member agencies anticipated in FY08/09	MWD. (3/11/08). Press Release. http://www.mwdh2o.com/mwdh2o/pages/news/press_releases/2008-03/2008-09%20budget_rates.pdf
2,800,000	Acre-feet/year	Colorado River Compact: Arizona allocation after Feds had California commit to 4.4M in 1928. Arizona wanted more	Reisner, Marc. (1985). <i>Cadillac Desert</i> , Penguin Books, New York. p. 130
3,000,000	Acre-feet/year	Could be saved through the use of existing water	The Sacramento Bee

		conservation technologies, according to the state’s California Water Plan Update, chapter 22.	
3,100,000	Acre-feet/year	QSA: Imperial Irrigation District Colorado River entitlement	SDCWA, http://www.sdcwa.org/manage/pdf/QSAfactsheet.pdf
4,400,000	Acre-feet/year	QSA: Quantification Settlement Agreement (QSA) ⁱⁱⁱ apportionment to California. This is also the diversion amount that California agreed to limit itself to in order to gain federal approval of Boulder Dam and the All-American Canal in Imperial County, in 1928.	SDCWA, http://www.sdcwa.org/manage/pdf/QSAfactsheet.pdf
5,300,000	Acre-feet/year	Beef cattle pasture irrigation in 1986 in California	Reisner, Marc. (1989). Quoted by John Robbins, ‘2,500 Gallons All Wet?’, EarthSave, http://www.earthsave.org/environment/water.htm
7,500,000	Acre-feet/year	Colorado River Compact: Lower Basin allocation (Arizona, California, Nevada)	Reisner, Marc. (1985). <i>Cadillac Desert</i> , Penguin Books, New York. p. 130
7,500,000	Acre-feet/year	Colorado River Compact: Upper Basin allocation (Colorado, New Mexico, Utah, Wyoming)	Reisner, Marc. (1985). <i>Cadillac Desert</i> , Penguin Books, New York. p. 130
8,700,000	Acre-feet/year	Total annual consumption by California cities and suburbs	Sacramento Bee
13,500,000	Acre-feet/year	Colorado River historical average flow based on three centuries of data. Range: 4.4maf – 22maf. (Compare to 17.5maf assumed by the Colorado River Compact.) Oops.	University of Arizona
16,400,000	Acre-feet/year	Colorado River Compact ^{iv} : US Reclamation Service’s estimated average flow in 1922. In actual fact, the flow is less (see other factoid)	Reisner, Marc. (1985). <i>Cadillac Desert</i> , Penguin Books, New York. p. 130
½	Acre-foot	== 13,600 gallons	Conversion
1	Acre-foot	== 1,233.48 cubic meters	Conversion
1	Acre-foot	== 27,200 gallons	Conversion
1	Acre-foot	== 325,851 gallons	Conversion
1	Acre-foot	== 43,560 cubic feet	Conversion
26,000	Acres	MWD Number of acres of farmland followed by Palo Verde farmers to supply water to MWD	Press Enterprise. (March 30, 2008). http://www.pe.com/localnews/inland/stories/PE_News_Local_D_farmers30.3e5e77c.html
738,000	Acres	Bay Delta size	State of California, http://www.publicaffairs.water.ca.gov/swp/delta.cfm
101,571,840	Acres	Size of California (round to an even 100,000,000 for comparison purposes. Very handy metric)	City-Data.com, http://www.city-data.com/states/California-Location-size-and-extent.html
100	Cubic feet	== 748 gallons	Conversion

225	Dischargers	Number of municipalities who discharge treated sewage INTO the Colorado River, prior to being extracted at the Colorado River Aqueduct	Reznik, Bruce. San Diego Coastkeeper, writing in The Voice of San Diego. (July 21, 2008). http://www.voiceofsandiego.org/articles/2008/07/24/cafesandiego/742reznik072108.txt
300	Dischargers	Number of cities and farmers permitted to discharge treated sewage into the Sacramento and San Joaquin Rivers, which supply water to San Diego. 10% of their flow is discharge	The Sacramento Bee
2,500	Gallons	Amount of water required to produce a pound of beef	Robbins, John, Diet for a New America
41	Gallons/household/day	Savings: Weather-based irrigation 'smart' controller potential savings for average sized yard	California Urban Water Conservation Council
7,000	Gallons/month	Leakage waste: Potential due to leaky toilet flapper valve, per toilet	East Bay Municipal Water District, Last accessed on June 25, 2008 from http://www.ebmud.com/conserving_and_recycling/water_smart_tips/default.htm
39.1	Gallons/person/day	Typical graywater production	American Water Works Association's 1996 National End-Users Survey
59	Gallons/person/day	Residential per capita consumption: State of Victoria, Australia	http://www.water.gov.au/WaterUse/Capitalcitywateruse/index.aspx?Menu=Level1_4_3
72	Gallons/person/day	Residential per capita consumption: Australia average	http://www.water.gov.au/WaterUse/Capitalcitywateruse/index.aspx?Menu=Level1_4_3
90	Gallons/person/day	Residential per capita consumption: City of Sydney, Australia	http://www.water.gov.au/WaterUse/Capitalcitywateruse/index.aspx?Menu=Level1_4_3
105	Gallons/person/day	Residential per capita consumption: City of Tucson, AZ.	Tucson Water
131	Gallons/person/day	Residential per capita consumption: City of Boulder, CO	http://bcn.boulder.co.us/basin/local/heaney.html
175	Gallons/person/day	Residential per capita consumption: City of Davis, CA (metering started in the 1990's)	The Sacramento Bee. (April 12, 2008). http://www.sacbee.com/107/story/853429.html
181	Gallons/person/day	Residential per capita consumption: City of San Diego. (13,500 gallons/household/month)	The San Diego Union-Tribune
252	Gallons/person/day	Residential per capita consumption: City of Darwin, Australia	http://www.water.gov.au/WaterUse/Capitalcitywateruse/index.aspx?Menu=Level1_4_3
270	Gallons/person/day	Residential per capita consumption: City of Sacramento, CA (no metering, starting in 2010)	The Sacramento Bee. (April 12, 2008). http://www.sacbee.com/107/story/853429.html
282	Gallons/person/day	Residential per capita consumption: City of Fresno, CA (no metering)	The Sacramento Bee. (April 12, 2008). http://www.sacbee.com/107/story/853429.html

11,000	Gallons/second	DWR further reduced pump rate from delta as of March 13, 2008	The Voice of San Diego
15,000	Gallons/second	DWR reduced pump rate from delta as of March 10, 2008	The Voice of San Diego
60,000	Gallons/second	DWR normal pump rate from delta, prior to 12/25/2007	The Voice of San Diego
400,000,000	Gallons/year	Treated sewage discharges from municipalities into the Colorado River, prior to being extracted at the Colorado River Aqueduct	Reznik, Bruce. San Diego Coastkeeper, writing in The Voice of San Diego. (July 21, 2008). http://www.voiceofsandiego.org/articles/2008/07/24/cafesandiego/742reznik072108.txt
1,500,000,000	Gallons/year	Industrial discharges into the Colorado River, prior to being extracted at the Colorado River Aqueduct	Reznik, Bruce. San Diego Coastkeeper, writing in The Voice of San Diego. (July 21, 2008). http://www.voiceofsandiego.org/articles/2008/07/24/cafesandiego/742reznik072108.txt
58,000,000,000	Gallons/year	Treated sewage discharged into Lake Mead by the City of Las Vegas	Sacramento Bee
20	HCF/year	Evaporative loss from swimming pool with no pool cover (based on 30 gallons/sq ft/year x 500 sq ft average pool size)	The Pacific Institute. (2007). Hidden Oasis . p.30. Retrieved June 27, 2008 from http://www.pacinst.org/reports/las_vegas/hidden_oasis.pdf
56,000,000,000	Kwh/year	American public water supply and treatment facilities energy consumption. Enough to power 5 million homes for a year	US EPA, http://www.epa.gov/watersense/water/benefits.htm
1	Liter	= 0.264172052	Conversion
6	Months	Emergency Storage Project (ESP) emergency water storage, on completion	SDCWA. (September 2007). Emergency Storage Project . Retrieved June 30, 2008 from http://www.sdewa.org/infra/pdf/ESP_fact_sheet_Sept_2007.pdf
500,000	People	Population of Southern California sustainable by natural local sources of water (no imports)	Bulkley, Jonathan W. (2004). "Abstract: The October 2003 Quantification Settlement Agreement Implications for Water Management". Retrieved on 8/1/08 from http://www.ucowr.siu.edu/proceedings/2004%20Proceedings/2004%20UCOWR%20Conference%20Proceedings/Thursday/AM%20Technical%20Sessions/Session%2030/Bulkley.pdf
18,000,000	People	MWD urban customers	MWD. (5/2007). Press Release. http://www.mwdh2o.com/mwdh2o/pages/news/press_releas

			es/2007-05/banks_shutdown.htm
23,000,000	People	Number of people who receive water from the Delta	
7	States	Number of states who share the Colorado River water under the Colorado River Compact	Reisner, Marc. (1985). <i>Cadillac Desert</i> , Penguin Books, New York. p. 130
2010	Year	Landscape ordinances must be adopted by water districts, under state law, AB 1881	CA Urban Water Conservation Council, http://www.cuwcc.org/uploads/hotnews/ab1881_chaptered_06-10-05.pdf
2025	Year	Trailer parks (and other multi-family residential buildings) must convert to individual meters, under state law	Visalia Times Delta
75	Years	QSA ‘Stability’ in Colorado River water supplies to California	SDCWA, http://www.sdcwa.org/manage/pdf/QSAfactsheet.pdf

ⁱ MWD Tier 1 Supply Rate – The Tier 1 Supply Rate shall apply to water purchases which in the aggregate for any calendar year, are less than or equal to 60 percent (or, if the member agency purchasing the water has executed a Purchasing Order, 90 percent) of the Base Firm Demand of such member Agency.

MWD Tier 2 Supply Rate –The Tier 2 Supply Rate shall apply when a member agency’s cumulative total of full service deliveries for the calendar year exceeds 60 percent of the member agency’s Base Firm Demand, or 90 percent of Base Firm Demand for member public agencies that execute a Purchase Order.

from <http://www.scawt.com/pdf/07108-4a3.pdf>

ⁱⁱ Note social justice implications of the lining projects, which will dramatically impact ground-water and indigenous farming practices of Mexican farmers south of the border

ⁱⁱⁱ QSA – Quantification Settlement Agreement

^{iv} Colorado River Compact (1922) was coordinated under Commerce Secretary Herbert Hoover during an 11-month series of convenings (Cadillac Desert)