

CASGEM BASIN SUMMARY

Basin: LOWER MOJAVE RIVER VALLEY

Sub_Basin: N/A

Hydrologic Region: South Lahontan

Basin Number: 6-40

South Region Office (SRO)

Date: 5/30/2014

Basin Area: 287563 acres (449.3 miles)

2010 Population: 32938

DATA COMPONENT RANKING VALUE TABLE

Data Component	Ranking Range (R)	Units	Ranking Value	Confidence Adjustment	Average of Components	Adjusted Ranking Values
1. Population	$7 \leq R < 250$	persons/sq-mi	1			1
2. Population Growth	$0 \leq R < 6$	percent	1			1
3. Public Supply Wells	$0.1 \leq R < 0.25$	wells/sq-mi	2			2
4. Total Wells	$0 < R < 2$	wells/sq-mi	1	0.75		0.75
5. Irrigated Acreage	$1 \leq R < 25$	acres/sq-mi	1			1
6. GW Reliance	GW Use	acre-foot/acre	2		3.5	3.5
	% of Total Supply					
7. Impacts*	--	--	5			5
8. Other Information**	--	--	1			1
Overall Basin Ranking Score	$13.42 \leq R <$	--				15.3

Overall Basin Priority: Medium

Very Low Ranking Range	Low Ranking Range	Medium Ranking Range	High Ranking Range
Range < 5.75	$5.75 \geq \text{Range} < 13.42$	$13.43 \geq \text{Range} < 21.08$	Range ≥ 21.08

Data Sources and Calculation Notes:

1. Population: Department of Finance 2010 census data.
2. Population Growth: Department of Finance 2010 census data projected to 2030.
3. Public Supply Wells: Department of Public Health, 2012 Drinking Water Supply Database.
4. Total Wells: DWR 2012 Well Master database.
5. Irrigated Acreage: DWR, most recent land use projection and public comment feedback.
6. Groundwater Reliance: DWR, most recent land use projection and public comment feedback.
7. Documented Impacts: DWR Region staff review of DWR Bulletin 118-2003, Groundwater Management Plans, public comment feedback, or other readily available published information.
8. Other Information: DWR Region staff review of DWR Bulletin 118-2003, Groundwater Management Plans, public comment feedback, or other readily available published information.
9. Data component values were reduced by 25% due to data confidence, prior to calculating total groundwater basin ranking value.
10. Overall Basin Ranking = Population + Population Growth + Public Supply Wells + (Total Wells x .75) + Irrigated Acreage + (Groundwater Use + % of Total Supply)/2 + Impacts + Other information

Notes on LOWER MOJAVE RIVER VALLEY Basin

* Impacts: Groundwater basin has been in overdraft. Water quality has been impaired from natural sources, leaking tanks, and superfund sites from military bases.

**Other Information: Basin is adjudicated. USGS reports GW Level declines of 100 ft since the 1930s



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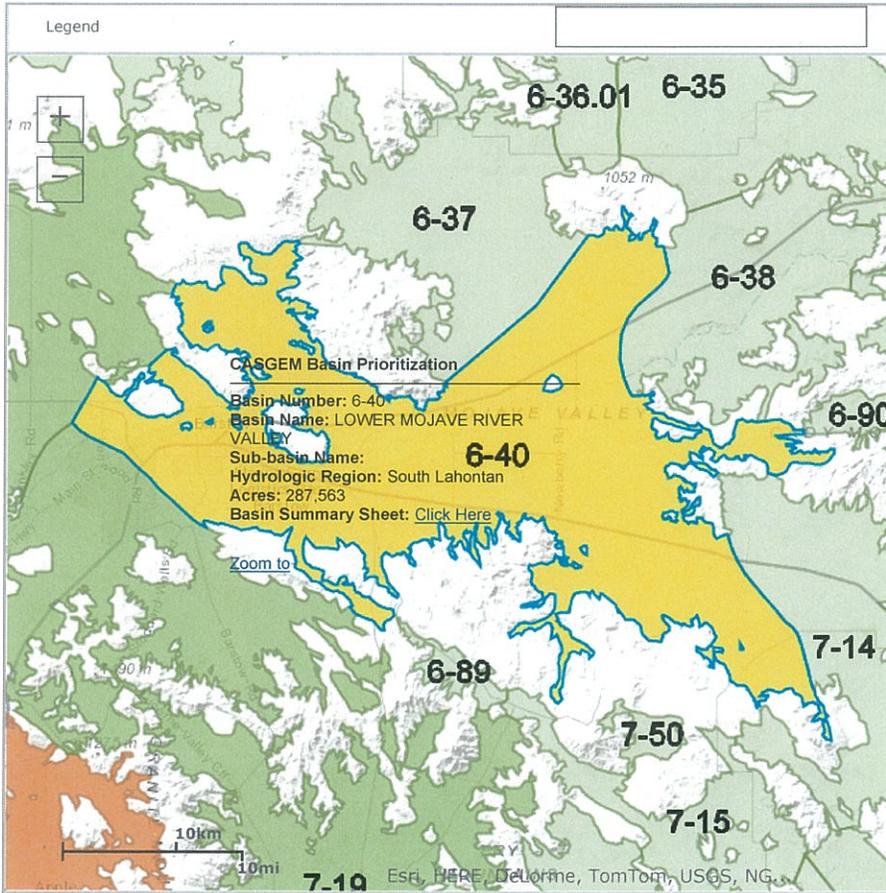
DWR California



CASGEM Groundwater Basin Prioritization

The map below contains the CASGEM Basin Prioritization results. Click on the basin of interest and an informational window will open. Click on the link at the bottom of the window to access the Basin Summary Sheets. Zoom in three times to view basin numbers on the map. For more information visit the [Basin Prioritization page](#). If you have additional questions please contact the appropriate [Region Office](#).

The interactive map below may take to 1-2 minutes to load.



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