

# CASGEM BASIN SUMMARY

Basin: SANTA CLARA RIVER VALLEY

Sub\_Basin: OXNARD

Hydrologic Region: South Coast

Basin Number: 4-4.02

South Region Office (SRO)

Date: 5/30/2014

Basin Area: 58200 acres (90.9 miles)

2010 Population: 235973

**DATA COMPONENT RANKING VALUE TABLE**

Data Component	Ranking Range (R)	Units	Ranking Value	Confidence Adjustment	Average of Components	Adjusted Ranking Values
1. Population	$2500 \leq R < 4000$	persons/sq-mi	4			4
2. Population Growth	$15 \leq R < 25$	percent	3			3
3. Public Supply Wells	$0.5 \leq R < 1.0$	wells/sq-mi	4			4
4. Total Wells	$0 < R < 2$	wells/sq-mi	1	0.75		0.75
5. Irrigated Acreage	$R \geq 350$	acres/sq-mi	5			5
6. GW Reliance					5	5
GW Use	$R \geq 0.75$	acre-foot/acre	5			
% of Total Supply	$R \geq 80\%$	percent	5			
7. Impacts*	--	--	5			5
8. Other Information**	--	--	0			0
<b>Overall Basin Ranking Score</b>	<b><math>R \geq 21.08</math></b>	--				<b>26.8</b>

**Overall Basin Priority: High**

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 $\geq 21.08$

**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 SANTA CLARA RIVER VALLEY Basin**

\* Impacts: Saline intrusion, nitrates, pesticides, and PCBs have impacted some water wells per (B-118).

\*\*Other Information: None