CASGEM Groundwater Basin Prioritization Results
Sorted by Basin Name

Basin count	Basin Number	Basin Name	Sub-Basin Name	Hydrologic Region	DWR Region Office	Basin Area Acres	Basin Area Sq. Mile	2010 Population	Data Component Ranking Value: Population	Population Growth	Public Supply Wells	Total Wells *	Irrigated Acreage	Groundwater Reliance: GW Use **	Percent of Total Supply **	GW Reliance Total	Impacts	Other Information	Overall Ranking: Overall Basin Ranking Score ***	Overall Basin Priority	Impact Comments	Other Information Comments
149	4-6	PLEASANT VALLEY		South Coast	SRO	21,654	33.8	69,392	3	3	4	1.5	5	5	5	5	1	0	22.5	High	FC - Discharge of poor quality GW from dewatering wells and effluent discharge from the wastewater treatment facility into the Arroyo Simi have led to rising water levels in the basin along with higher TDS and Chloride levels	
150	7-52	PLEASANT VALLEY		Colorado River	SRO	9,733	15.2	0	0	0	0	0	0	0	0	0	0	0	0.0	Very Low		
151	9-29	POTRERO VALLEY		South Coast	SRO	2,035	3.2	475	1	0	4	3	2	0	0	0	0	0	0.0	Very Low		
152	9-13	POWAY VALLEY		South Coast	SRO	2,485	3.9	16,450	5	2	0	3.75	1	2	1	0	0	0	0.0	Very Low		
153	3-44	POZO VALLEY		Central Coast	SRO	6,852	10.7	52	0	0	4	0	2	1	1	0	0	0	0.0	Very Low		
154	7-40	QUIEN SABE POINT VALLEY		Colorado River	SRO	25,489	39.8	112	0	0	0	0	1	0	1	0	0	0	0.0	Very Low		
155	6-62	RACE TRACK VALLEY		South Lahontan	SRO	14,184	22.2	0	0	0	0	0	0	0	0	0	0	0	0.0	Very Low		
156	3-46	RAFAEL VALLEY		Central Coast	SRO	2,996	4.7	0	0	0	0	0	0	0	0	0	0	0	0.0	Very Low		
157	9-25	RANCHITA TOWN AREA		South Coast	SRO	3,146	4.9	168	1	0	0	3	1	0	0	0	0	0	0.0	Very Low		
158	4-73	RAYMOND		South Coast	SRO	26,310	41.1	223,100	5	2	5	0.75	0	5	5	5	3	0	20.8	Medium	Water quality impacts and a superfund	
159	6-24	RED PASS VALLEY		South Lahontan	SRO	97,088	151.7	0	0	0	0	0	0	0	0	0	0	0	0.0	Very Low		
160	6-86	RHODES HILL AREA		South Lahontan	SRO	15,697	24.5	0	0	0	0	0	0	0	0	0	0	0	0.0	Very Low		
161	7-4	RICE VALLEY		Colorado River	SRO	190,622	297.8	23	0	0	0	0.75	0	0	5	0	0	0	0.0	Very Low		
162	6-23	RIGGS VALLEY		South Lahontan	SRO	88,274	137.9	0	0	0	0	0	0	0	0	0	0	0	0.0	Very Low		
163	3-43	RINCONADA VALLEY		Central Coast	SRO	2,579	4.0	11	0	0	0	0	4	1	1	0	0	0	0.0	Very Low		
164	6-56	ROSE VALLEY		South Lahontan	SRO	42,709	66.7	10	0	0	1	0.75	0	1	5	0	0	0	0.0	Very Low		
165	4-20	RUSSELL VALLEY		South Coast	SRO	3,087	4.8	18,860	4	0	0	1.5	0	2	1	0	3	0	0.0	Very Low	TDS and sulfate exceed MCL for some wells in the basin per Bulletin 118	
166	6-17	SALINE VALLEY		South Lahontan	SRO	146,850	229.5	0	0	0	0	0	0	0	0	0	5	0	0.0	Very Low	GW Quality Impairments: High TDS and Fluorides, groundwater is inferior for domestic use. (B-118)	
167	6-53	SALT WELLS VALLEY		South Lahontan	SRO	29,629	46.3	0	0	0	0	0.75	0	0	0	0	5	0	0.0	Very Low	The groundwater is rated inferior for all beneficial uses because of high TDS content that ranges from about 4,000 mg/L to 39,000 mg/L. Other impairments are elevated concentrations of sodium, chloride, and boron (DWR 1964)	
168	3-14	SAN ANTONIO CREEK VALLEY		Central Coast	SRO	81,941	128.0	2,279	1	0	1	1.5	2	2	5	3.5	4	2	15.0	Medium	Overdraft, water quality degradation	Santa Barbara Water Element, Table 1, p.10, indicates San Antonio basin overdraft by ~ 9,000 af/yr
169	3-33	SAN CARPOFORO VALLEY		Central Coast	SRO	1,054	1.6	4	0	0	0	0	0	0	0	0	0	0	0.0	Very Low		
170	9-15	SAN DIEGO RIVER VALLEY		South Coast	SRO	9,944	15.5	45,800	4	1	3	3.75	1	3	1	2	1	0	15.8	Medium	High Nitrates, iron and Manganese treatment is required, high TDS (>3,000 mg/l) in western portion of basin	
171	9-12	SAN DIEGUITO CREEK		South Coast	SRO	3,578	5.6	3,135	2	2	0	3	3	2	1	0	0	0	0.0	Very Low		
172	9-23	SAN ELIJO VALLEY		South Coast	SRO	888	1.4	1,125	2	4	0	3	1	0	0	0	5		0.0	Very Low	High TDS limits beneficial uses (B-118)	
173	7-27	SAN FELIPE VALLEY		Colorado River	SRO	23,573	36.8	188	0	0	1	1.5	1	1	1	0	3	0	0.0	Very Low	Significant groundwater declines documented in the late 1950s through early 1970s (B-118)	
174	4-12	SAN FERNANDO VALLEY		South Coast	SRO	145,354	227.1	1,745,338	5	3	3	2.25	0	4	1	2.5	3	1	19.8	Medium	Several public supply wells have shown contamination per Bulletin 118	Basin is adjudicated.
175	4-13	SAN GABRIEL VALLEY		South Coast	SRO	127,278	198.9	1,275,187	5	1	5	2.25	0	5	3	4	3	1	21.3	High	Superfund sites are present within the basin and other areas with water quality impacts are known.	Adjudication (aka Six Basins)
176	8-5	SAN JACINTO		South Coast	SRO	188,623	294.7	474,317	3	4	2	2.25	3	3	5	4	5	1	24.3	High	Basin is in overdraft (MWD). Groundwater quality issues documented in DWR B-118. Pumping has increased some contaminant distribution in the basin	Adjudicated Basin
177	9-1	SAN JUAN VALLEY		South Coast	SRO	16,797	26.2	61,131	3	1	3	2.25	0	3	1	2	2	0	13.3	Low	TDS is generally high, springs with high fluorine, local pesticide contamination, and secondary inorganic contamination (B-118). Desalters used to treat water	
178	9-7	SAN LUIS REY VALLEY		South Coast	SRO	29,865	46.7	43,942	2	1	5	3	3	3	1	2	3	0	19.0	Medium	TDS is a concern according to MWD. B-118 indicates problems with nitrates, inorganics, radiologicals, and VOCs. Desalination generally required in all areas of the basin	
179	9-32	SAN MARCOS AREA		South Coast	SRO	2,144	3.3	15,096	5	3	0	3	0	2	1	0	0	0	0.0	Very Low		
180	9-2	SAN MATEO VALLEY		South Coast	SRO	3,009	4.7	554	1	0	4	1.5	3	0	0	0	3	0	0.0	Very Low	Locally high TDS and some elevated nitrates in wells (B-118)	
181	9-3	SAN ONOFRE VALLEY		South Coast	SRO	1,261	2.0	3,133	3	5	5	0.75	0	2	1	0	0	0	0.0	Very Low		
182	9-10	SAN PASQUAL VALLEY		South Coast	SRO	4,563	7.1	968	1	0	2	3	4	5	5	5	3	1	19.0	Medium	Nitrate problems are widespread (B-118). TDS is also known to be high in places. During dry years, the basin has experienced water level declines up to 20 feet in one year per GWMP.	LWU data based on DAU does not accurately depict Irrigated Acreage. 2006 Farmland Mapping Data indicate irrigated acreage is 2,691 and quick GIS estimate by SRO indicates irrigated acreage is at least 2,200 acres
183	3-35	SAN SIMEON VALLEY		Central Coast	SRO	560	0.9	9	1	0	5	0	3	5	1	0	0	0	0.0	Very Low		
184	3-17	SANTA BARBARA		Central Coast	SRO	6,173	9.6	63,966	5	0	4	3.75	1	2	1	0	2	0	0.0	Very Low	WQ Impacts: Saline intrusion, locally high EC, hardness, hydrogen sulfides, and other constituents (B-118)	
185	4-4.05	SANTA CLARA RIVER VALLEY	FILLMORE	South Coast	SRO	20,842	32.6	16,417	2	2	4	0.75	5	0	0	5	2	0	20.8	Medium	Many groundwater quality impairments in the basin; Nitrates problematic during dry periods; High TDS, etc. (B-118). REH - PubComm indicated WQ is localized and being managed	
186	4-4.03	SANTA CLARA RIVER VALLEY	MOUND	South Coast	SRO	14,846	23.2	77,886	4	2	1	2.25	3	3	5	4	1	0	17.3	Medium	Some primary and secondary inorganic contaminants above the MCL (B-118)	
187	4-4.02	SANTA CLARA RIVER VALLEY	OXNARD	South Coast	SRO	58,200	90.9	235,973	4	3	4	0.75	5	5	5	5	5	0	26.8	High	Saline intrusion, nitrates, pesticides, and PCBs have impacted some water wells per (B-118)	
188	4-4.06	SANTA CLARA RIVER VALLEY	PIRU	South Coast	SRO	8,915	13.9	2,666	1	4	3	0.75	5	5	5	5	3	0	21.8	High	GW Quality impacts: nitrates, storm runoff, leaking tanks, etc. (B-118). High Selenium and other inorganics, average TDS was 1450 mg/l (Ventura co 2011 annual wq report)	
189	4-4.07	SANTA CLARA RIVER VALLEY	SANTA CLARA RIVER VALLEY EAST	South Coast	SRO	66,417	103.8	221,204	3	5	4	2.25	1	4	1	2.5	5	0	22.8	High	GW Quality Impacts: Nitrates, TCE, TDS, perchlorates, etc. (B-118)	
190	4-4.04	SANTA CLARA RIVER VALLEY	SANTA PAULA	South Coast	SRO	22,899	35.8	46,816	3	1	3	1.5	4	5	5	5	3	0	20.5	Medium	Nitrates can fluctuate significantly in the basin, and above MCL. Other inorganics present above MCL. TDS is known to be high.	