Basin Number	Basin Name	Sq. Mile	2010 Population	Data Component Ranking Value: Population	Population Growth	Public Supply Wells	Total Wells *	Irrigated Acreage	GW Use **	Impacts	Other Information	Overall: Overall Basin Priority	Impact Comments	Other Information Comments
6-18	DEATH VALLEY	1,447.7	190	0	0	1	0.75	1	0	0	0	Very Low		
6-19	WINGATE VALLEY	112.1	0	0	0	0	0	0	0	0	0	Very Low		
6-20	MIDDLE AMARGOSA VALLEY	613.8	230	0	0	1	0.75	0	0	4	0	Very Low	Water quality is rated inferior to marginal for domestic purposes due to elevated fluoride and boron contents; however, locally groundwater is of good quality. (B-118)	
6-21	LOWER KINGSTON VALLEY	378.0	0	0	0	0	0	0	0	5	0	Very Low	Groundwater is inferior for domestic or irrigation purposes due to elevated fluoride, chloride, boron, sulfate and TDS (B-118)	
6-22	UPPER KINGSTON VALLEY	279.0	37	0	0	1	0.75	0	0	4	0	Very Low	Groundwater is marginal to inferior for domestic or irrigation purposes due to elevated fluoride and TDS (B-118).	
6-23	RIGGS VALLEY	137.9	0	0	0	0	0	0	0	0	0	Very Low		
6-24	RED PASS VALLEY	151.7	0	0	0	0	0	0	0	0	0	Very Low		
6-25	BICYCLE VALLEY	140.8	0	0	0	1	0.75	0	0	3	0	Very Low	Elevated TDS and fluoride (B-118).	
6-26	AVAWATZ VALLEY	43.5	0	0	0	0	0	0	0	0	0	Very Low		
6-27	LEACH VALLEY	96.3	0	0	0	0	0	0	0	0	0	Very Low		
6-29	MESQUITE VALLEY	139.1	64	0	0	0	0.75	1	0	3	0	Very Low	Declining water levels. Locally high TDS in southern portion of basin makes GW marginal to inferior for domestic uses. (B-118)	
6-30	IVANPAH VALLEY	312.7	40	0	0	1	0.75	0	0	4	0	Very Low	Basin groundwater is rated marginal to inferior for both domestic and irrigational use because of elevated fluoride and sodium.(B-118)	
6-31	KELSO VALLEY	402.0	20	0	0	0	0.75	0	0	0	0	Very Low		
6-32	BROADWELL VALLEY	144.8	8	0	0	1	0.75	0	0	0	0	Very Low		
6-33	SODA LAKE VALLEY	599.3	750	0	0	1	0.75	0	0	5	0	Very Low	Groundwater quality is rated marginal to inferior for both domestic and irrigation purposes. This assessment is based on 66 analyses showing elevated concentrations of fluoride, boron, and TDS. Geotracker shows many LUST sites.	
6-34	SILVER LAKE VALLEY	55.5	0	0	0	0	0.75	0	0	4	0	Very Low	Groundwater in this basin is rated marginal to inferior for both domestic and irrigation uses because of elevated concentrations of fluoride, boron, and TDS. (B-118)	
6-35	CRONISE VALLEY	198.9	2	0	0	0	0.75	0	0	0	0	Very Low		
6-36.01	LANGFORD VALLEY - WELL LAKE	30.4	0	0	0	1	0	0	0	0	0	Very Low		
6-36.02	LANGFORD VALLEY - IRWIN	16.5	8,845	2	5	1	1.5	0	0	3	0	Very Low	Locally high iron and fluoride concentrations.(B-118)	
6-37	COYOTE LAKE VALLEY	138.6	99	0	0	0	0.75	0	0	4	0	Very Low	Groundwater quality is rated as inferior to marginal for both domestic and irrigation purposes because of elevated levels of fluoride, boron, sodium, and TDS. (B-118).	
6-38	CAVES CANYON VALLEY	114.9	88	0	0	1	0.75	0	0	3	0	Very Low	Suitability of groundwater quality is rated inferior for irrigation and suitable to inferior for domestic use (DWR 1964). Historical measurements show TDS content ranging from 622 to 1,272 mg/L with an average of 904 mg/L (DWR 1964).	
6-40	LOWER MOJAVE RIVER VALLEY	449.3	32,938	1	1	2	0.75	1	3.5	5	1	Medium	Groundwater basin has been in overdraft. Water quality has been impaired from natural sources, leaking tanks, and superfund sites from military bases.	Basin is adjudicated. USGS reports GW Level declines of 100 ft since the 1930s
6-41	MIDDLE MOJAVE RIVER VALLEY	332.2	6,654	1	0	1	0.75	1	3.5	3	1	Low	Groundwater Quality impairments for VOCs, salts, nitrates, and irrigation effluents. Waste water treatment plant have also affected groundwater quality. Some nitrates and fluoride exceed MCL.	Basin is adjudicated.
6-42	UPPER MOJAVE RIVER VALLEY	648.9	355,338	2	5	3	0.75	1	3	5	2	High	Overdraft. Water quality impacts in basin including nitrates, inorganics, and fuel additives, etc. Superfund site within basin.	Basin is adjudicated (+1). Irrigated Acreage of zero from DAU isn't correct, add +1
6-43	EL MIRAGE VALLEY	119.2	10,933	1	4	2	0.75	1	3	4	0	Medium	Groundwater levels have declined significantly in parts of the basin, some have recovered. Water is rated marginal to inferior for domestic and irrigation purposes. (B-118). Some documented VOCs issues also.	

NOTE: * Data component values were reduced by 25% due to data confidence, prior to calculating total GW basin ranking value

** Sub-fields that are used to determine the overal GW Reliance Total ((GW Use + GW %)/2)

*** Overall Basin Ranking Score = Population + Population Growth + PSW + (Total Wells x .75) + Irr Acreage + (GW Use + GW %)/2 + Impacts + Other

Basin Number	Basin Name	Sq. Mile	2010 Population	Data Component Ranking Value: Population	Population Growth	Public Supply Wells	Total Wells *	Irrigated Acreage	GW Use **	Impacts	Other Information	Overall: Overall Basin Priority	Impact Comments	Other Information Comments
6-44	ANTELOPE VALLEY	1,585.3	398,864	2	4	2	1.5	1	3	5	3	High	Closed basin. Water quality impacts per IRWMP, DWR B-118, and other sources. Extractions likely exceed natural recharge.	Pending Adjudication, water reliability issues, and renewed subsidence
6-46	FREMONT VALLEY	526.1	16,883	1	0	1	0.75	0	3	5	0	Low	Basin has naturally high TDS locally and other constituents. Groundwater levels have shown significant decline throughout the basin.	
6-47	HARPER VALLEY	643.5	1,634	0	0	1	0.75	1	1	5	1	Low	Extensive chromium issues well known in Hinkley. In addition, water quality of the basin is generally marginal to inferior for irrigation and domestic uses because of high concentrations of boron, fluoride, and sodium.	Adjudicated Basin
6-48	GOLDSTONE VALLEY	44.2	0	0	0	0	0.75	0	0	3	0	Very Low	Groundwater quality in the basin is rated as inferior for irrigation purposes and marginal for domestic use because of elevated concentrations of chloride, fluoride, and TDS.	
6-49	SUPERIOR VALLEY	189.2	0	0	0	1	0.75	0	0	0	0	Very Low		
6-50	CUDDEBACK VALLEY	149.1	97	0	0	0	0	0	0	3	0	Very Low	Groundwater quality is ranked marginal to inferior for most beneficial uses due to elevated concentrations of chloride and TDS.	
6-51	PILOT KNOB VALLEY	217.9	0	0	0	1	0.75	0	0	0	0	Very Low		
6-52	SEARLES VALLEY	309.6	1,651	0	0	0	0.75	0	0	5	0	Very Low	Water locally beneficial in the north, but generally unsuitable for beneficial uses due to high concentrations of fluoride, boron, sodium, chloride, sulfate, and TDS. Water levels have declined due to pumping for evaporates.	
6-53	SALT WELLS VALLEY	46.3	0	0	0	0	0.75	0	0	5	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).	
6-54	INDIAN WELLS VALLEY	599.2	34,837	1	4	1	0.75	0	3	5	0	Medium	Overdraft has been documented since the 1960's. Water quality issues with respect to overdraft and mixing of aquifers.	
6-58	PANAMINT VALLEY	407.4	7	0	0	1	0.75	0	0	4	0	Very Low	Water from most wells located on the valley floor is ranked inferior for domestic use and marginal to inferior for irrigation purposes.	
6-71	LOST LAKE VALLEY	36.6	0	0	0	0	0	0	0	0	0	Very Low		
6-76	BROWN MOUNTAIN VALLEY	34.2	0	0	0	0	0	0	0	0	0	Very Low		
6-77	GRASS VALLEY	15.7	0	0	0	0	0	0	0	0	0	Very Low		
6-78	DENNING SPRING VALLEY	11.4	0	0	0	0	0	0	0	0	0	Very Low		
6-79	CALIFORNIA VALLEY	91.6	0	0	0	0	0	0	0	0	0	Very Low		
6-88	OWL LAKE VALLEY	35.0	0	0	0	0	0	0	0	0	0	Very Low		
6-89	KANE WASH AREA	9.4	0	0	0	0	0	0	0	0	0	Very Low		
6-90	CADY FAULT AREA	12.5	6	0	0	0	0	0	0	0	0	Very Low		
7-1	LANFAIR VALLEY	247.4	19	0	0	0	0.75	0	0	0	0	Very Low		
7-14	LAVIC VALLEY	161.1	0	0	0	0	0.75	0	0	0	0	Very Low		
7-15	BESSEMER VALLEY	61.5	0	0	0	0	0	0	0	0	0	Very Low		
7-18.01	JOHNSON VALLEY - SOGGY LAKE	121.7	354	0	0	1	0.75	0	0	0	0	Very Low		
7-18.02	JOHNSON VALLEY - UPPER J.V.	54.8	0	0	0	0	0	0	0	0	0	Very Low		
7-19	LUCERNE VALLEY	232.0	3,311	1	0	1	0.75	1	1	4	1	Low	Water level declines noted from 40 to 100 feet. Evidence of subsidence from overdraft of basin. Locally high nitrates and TDS (B-118).	Fall 1954 - Fall 2002 Change in GW Storage is estimated at - 460TAF (Napoli)
7-2	FENNER VALLEY	715.1	31	0	0	1	0.75	0	0	0	0	Very Low		
7-50	IRON RIDGE AREA	8.3	0	0	0	0	0	0	0	0	0	Very Low		
7-8	BRISTOL VALLEY	784.1	27	0	0	1	0.75	1	2.5	3	0	Low	Fluoride content in some wells exceeds the recommended MCL level (C-118). TDS content is extremely high in some wells near Bristol Lake (DWR 1967)	
8-2.04	UPPER SANTA ANA VALLEY - RIALTO/COLTON	47.2	145,832	4	1	4	2.25	1	3	3	0	Medium	Extensive perchlorate contamination in basin.	
8-2.05	UPPER SANTA ANA VALLEY - CAJON	36.4	520	1	0	1	0.75	1	0.5	0	0	Very Low		

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*** Overall Basin Ranking Score = Population + Population Growth + PSW + (Total Wells x .75) + Irr Acreage + (GW Use + GW %)/2 + Impacts + Other