

Dry Lake Valley Groundwater Basin

- Groundwater Basin Number: 3-29
- County: San Benito
- Surface Area: 1,420 acres (2 square miles)

Basin Boundaries and Hydrology

Dry Lake Valley is a sparsely populated valley along the upper reaches of the San Benito River in San Benito County. The basin is approximately four miles long and generally less than one half mile wide. The elevation ranges from approximately 1,200 to 1,400 feet. The basin is mapped as Quaternary nonmarine terrace deposits. Middle and or lower Pliocene marine rocks bound the basin on both sides, with upper Miocene marine rocks to the northwest. The Pine Rock Fault is associated with this valley (Jennings and Strand 1958). No information regarding groundwater occurrence or movement within the basin was found, therefore basin boundary confidence is considered low. The valley is occupied by the San Benito River, which drains it to the northwest. Average precipitation is 17 inches.

Hydrogeologic Information

Water Bearing Formations

No specific published information on the water bearing deposits was found. A review of San Joaquin District well completion report files showed only two reports for the basin. In both wells it was reported that no water was encountered. The wells were 260 feet and 115 feet deep and encountered alluvial materials to a depth of about 20 feet and consolidated sandstone and shale below that depth. From this very limited data it appears that the alluvial terrace material may be dry and thus is not a producing aquifer.

Groundwater Level Trends

No data was found regarding water level trends.

Groundwater Storage

No published information on groundwater storage was found.

Groundwater Budget (Type C)

There is no information to provide an estimate of this basin's budget.

Groundwater Quality

No groundwater quality information was found in the published literature or in DWR files.

Water Quality in Public Supply Wells

Constituent Group ¹	Number of wells sampled ²	Number of wells with a concentration above an MCL ³
Inorganics – Primary	0	0
Radiological	0	0
Nitrates	2	0
Pesticides	0	0

VOCs and SVOCs	0	0
Inorganics – Secondary	0	0

¹ A description of each member in the constituent groups and a generalized discussion of the relevance of these groups are included in *California's Groundwater – Bulletin 118* by DWR (2003).

² Represents distinct number of wells sampled as required under DHS Title 22 program from 1994 through 2000.

³ Each well reported with a concentration above an MCL was confirmed with a second detection above an MCL. This information is intended as an indicator of the types of activities that cause contamination in a given basin. It represents the water quality at the sample location. It does not indicate the water quality delivered to the consumer. More detailed drinking water quality information can be obtained from the local water purveyor and its annual Consumer Confidence Report.

Well Production characteristics

Well yields (gal/min)	
Municipal/Irrigation	
Total depths (ft)	
Domestic	
Municipal/Irrigation	

Active Monitoring Data

Agency	Parameter	Number of wells /measurement frequency
	Groundwater levels	NKD
	Miscellaneous water quality	NKD
Department of Health Services and cooperators	Title 22 water quality	0

Basin Management

Groundwater management:	
Water agencies	
Public	None
Private	None

References Cited

California Department of Water Resources (DWR), San Joaquin District. Well completion report files.

Jennings, Charles W. and Rudolph G. Strand (compilers). 1958. Santa Cruz Sheet of *Geologic Map of California*. California Division of Mines and Geology (CDMG). Scale 1:250,000.

Errata

Changes made to the basin description will be noted here.