

Upper Santa Ana Valley Groundwater Basin

- Groundwater Basin Number: 3-23
- County: San Benito
- Surface Area: 1,430 acres (2 square miles)

Basin Boundaries and Hydrology

Upper Santa Ana Valley is a westward sloping valley in the Coast Range Mountains of San Benito County. The elevation ranges from 800 to 1,200 feet. Several westward flowing tributary streams of Santa Ana Creek collect surface drainage, which exits the valley through a narrow gap near the Indart Ranch. The basin is mapped as Quaternary alluvium and is bounded on all sides by Cretaceous marine sediments (Jennings and Strand 1958). The basin boundary confidence is considered high due to clear geologic contacts despite a lack of information regarding groundwater occurrence or movement. Average precipitation is 15 inches.

Hydrogeologic Information

Water Bearing Formations

No specific published information on the water bearing units was found. A review of San Joaquin District well completion report files found three well reports in the basin. Depth of these wells ranged from 98 to 451 feet below the surface, two of which encountered consolidated rock at 77 and 98 feet.

Groundwater Level Trends

No data was found regarding water level trends. Well completion files for wells drilled between 1960 and 1977 reported groundwater levels from 18 to 80 feet.

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.

Well Production characteristics

Well yields (gal/min)

Municipal/Irrigation

Total depths (ft)

Domestic

Municipal/Irrigation

Range: 98- 451

Active Monitoring Data

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

Basin Management

Groundwater management:	San Benito County adopted a groundwater ordinance in 1995.
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.