

Blanchard Valley Groundwater Basin

- Groundwater Basin Number: 5-92
- County: Colusa
- Surface Area: 2,200 acres (3 square miles)

Basin Boundary and Hydrology

The Blanchard Valley Groundwater Basin consists of two elongated north-south trending subbasins located in Antelope Valley. Both subbasins are bounded on all sides by Upper Cretaceous marine deposits (Jennings 1960). Annual precipitation is approximately 21 to 23-inches.

Hydrogeologic Information

Hydrologic information was not available for the following:

Water-Bearing Formations

Groundwater Level Trends

Groundwater Storage

Groundwater Budget (Type B)

The estimate of groundwater extraction is based on a 1993 survey conducted by the California Department of Water Resources. The survey included land use and sources of water. Groundwater extraction for municipal/industrial use is estimated to be 2 acre-feet. Deep percolation of applied water is estimated to be 1 acre-foot.

Groundwater Quality

Well Characteristics

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

NKD – No known data

Active Monitoring Data

Agency	Parameter	Number of wells /measurement frequency
	Groundwater levels	NKD
	Miscellaneous water quality	NKD

NKD – No Known Data

Basin Management

Groundwater management: Colusa County adopted a groundwater management ordinance in 1998.

Water agencies

Public None

Private None

Selected References

Jennings CW, Strand RG. 1960. Geologic Map of California [Ukiah Sheet]. California Division of Mines and Geology.

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Dickinson WR, Ingersoll RV, Graham SA. 1979. Paleogene Sediment Dispersal and Paleotectonics in Northern California. Geological Society of America Bulletin 90:1458-1528.

Ingersoll RV, Rich EI, Dickerson WR. 1977. Field Guide: Great Valley Sequence, Sacramento Valley.

McLaughlin RJ, Ohlin HN, Blome CD. 1983. Tectonostratigraphic Framework of the Franciscan Assemblage and Lower Part of the Great Valley Sequence in the Geysers-Clear Lake Region, California. American Geophysical Union, Eos, Transactions.

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Errata

Changes made to the basin description will be noted here.