

Bear Valley Groundwater Basin

- Groundwater Basin Number: 5-64
- County: Colusa
- Surface Area: 9,100 acres (14 square miles)

Basin Boundary and Hydrology

The Bear Valley Groundwater Basin is an elongated north-south trending valley located adjacent to the Stony Creek Fault. The basin consists of Quaternary alluvium bounded by Mesozoic lower Cretaceous marine sedimentary rocks and the Knoxville Formation (Jennings 1960). The basin is drained to the south by Bear Creek. Annual precipitation ranges from 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 the groundwater budget for Bear Valley Basin is based on a 1993 survey conducted by the California Department of Water Resources. The survey included land use and sources of water. No estimate was made for groundwater extraction. Deep percolation of applied water is estimated to be 12 acre-feet.

Groundwater Quality

Well Characteristics

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

Public	None
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Private	None
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Selected References

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Errata

Changes made to the basin description will be noted here.