

Tulead Canyon Groundwater Basin

- Groundwater Basin Number: 6-98
- County: Lassen
- Surface Area: 5,200 acres (square miles)

Basin Boundaries and Hydrology

The Tulead Canyon Groundwater Basin is part of the Lahontan Drainage Basin and is located south of Surprise Valley extending into Nevada. The basin is east-west trending and bounded to the north by Pleistocene volcanic basalt, and to the south by Pleistocene and Pliocene volcanic basalt (Gay 1958). Surface exposures of Pleistocene volcanic basalt are also observed within the basin. Faulting in the region trends to the northwest. The primary water-bearing formations in the basin are Holocene alluvium and Pliocene non-marine deposits. Annual precipitation is approximately 15-inches.

Hydrogeologic Information

Hydrogeologic information was not available for the following:

Groundwater Level Trends

Groundwater Storage

Groundwater Budget

Groundwater Quality

Well Characteristics

	Well yields (gal/min)
Municipal/Irrigation	5 (1 Well Completion Report)
	Total depths (ft)
Domestic	110 (1 Well Completion Report)
Municipal/Irrigation	

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:	No known groundwater management plans, groundwater ordinances, or basin adjudications.
Water agencies	
Public	None
Private	None

Selected References

- Lydon PA, Gay TE, Jennings CW. 1958. Geologic Atlas of California [Alturas Sheet]. California Division of Mines and Geology.
- California Department of Water Resources (DWR). 1963. Bulletin No. 98, Northeastern Counties Groundwater Investigation, Volume 1, Text, California Department of Water Resources: 224.
- California Department of Water Resources (DWR). 1963. Bulletin No. 98, Northeastern Counties Investigation, Volume 2, Plates, California Department of Water Resources.
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Bibliography

- Bailey EH. 1966. Geology of Northern California. California Division of Mines and Geology. Bulletin 190.
- California Department of Water Resources. 1975. California's Ground Water. California Department of Water Resources. Bulletin 118.
- California Department of Water Resources. 1980. Ground Water Basins in California. California Department of Water Resources. Bulletin 118-80.
- Planert M, Williams JS. 1995. Ground Water Atlas of the United States, Segment 1, California, Nevada. USGS. HA-730-B.

Errata

Changes made to the basin description will be noted here.