Pine Creek Valley Groundwater Basin

- Groundwater Basin Number: 6-92
- County: Lassen
- Surface Area: 9,530 acres (15 square miles)

Basin Boundaries and Hydrology

The Pine Creek Valley Groundwater Basin is an alluvial filled valley located in southwest Lassen County at the base of Crater Lake Mountain to the south and southeast. The basin is bounded by Recent basalt of Crater Lake Mountain to the north. The basin is bounded on all other sides by Pleistocene basalt of Bogard Buttes, South Valley Butte, and Campbell, Antelope, and Logan mountains. Annual precipitation ranges from 29- to 33-inches.

Hydrogeologic Information

Note: This basin summary was prepared using available published information and data. In addition, a comprehensive literature search was conducted using California, Oregon and Nevada Water Resources, and Mines and Geology web sites, UC and UNR Library sites, and The Resources Agency Library. The searches were made using basin names linked to keywords such as geology, groundwater, hydrogeology, and references to the regional geology. Because no local area hydrogeologic data are available, this basin description is incomplete. Where no local area references or site specific data/publications were found, regional references are listed to provide a regional framework for the basin or subbasin.

Water-Bearing Formations

Section incomplete.

Groundwater Level Trends

Section incomplete.

Groundwater Storage

Section incomplete.

Groundwater Budget

Section incomplete.

Groundwater Quality

Section incomplete.

Well Production Characteristics

	Well yields (gal/min)	
Municipal/Irrigation	No known data	
	Total depths (ft)	
Domestic	68 (1 well completion report)	
Municipal/Irrigation	No data	No data

Active Monitoring Data

Agency	Parameter	Number of wells /measurement frequency
	Groundwater levels	0
	Miscellaneous water quality	0
Department of Health Services	Miscellaneous water quality	1

Basin Management

Groundwater management:

Water agencies

Public

Private

Additional References

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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.