Butte Creek Valley Groundwater Basin

- Groundwater Basin Number: 5-51
- County: Lassen
- Surface Area: 3,230 acres (5 square miles)

Basin Boundaries and Hydrology

The Butte Creek Valley Groundwater Basin is an alluvium filled valley located to the west of Crater Lake Mountain and to the northwest of Project Peak in southwest Lassen County. The basin is bounded on all sides by Pleistocene basalt (Lydon 1960). Annual precipitation ranges between 17- to 19-inches.

Hydrogeologic Information

Hydrogeologic information was not available for the following:

Water-Bearing Formations
Groundwater Level Trends
Groundwater Storage
Groundwater Budget
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:	No known groundwater management plans, groundwater ordinances, or basin adjudications.
Water agencies	
Public	None
Private	None

Selected References

Lydon PA, Gay TE, Jennings CW. 1960. Geologic Atlas of California [Westwood Sheet]. California Division of Mines and Geology.

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California Department of Water Resources. 1980. Ground Water Basins in California. California Department of Water Resources. Bulletin 118-80.

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

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.