

Dry Burney Creek Valley Groundwater Basin

- Groundwater Basin Number: 5-49
- County: Shasta
- Surface Area: 3,070 acres (5 square miles)

Basin Boundary and Hydrology

The Dry Creek Valley Groundwater Basin consists of Quaternary alluvium. The basin is bounded to the northwest, west, and south by Pliocene andesite of Don Hurt Mountain, Stacher Butte, and Jacks Backbone. The basin is bounded to the east by Pleistocene basalt of Whittington Butte and Horse Heaven Buttes (Lydon 1960). Annual precipitation ranges from 49- to 55-inches, increasing to the southeast.

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 – 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:	Shasta County adopted a groundwater management ordinance in 1998.
Water agencies	
Public	None
Private	None

Selected Reference

Lydon PA., Gay, Jr. TE, et al. 1960. Geologic Map of California [Westwood Sheet], California Division of Mines and Geology.

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.

California Department of Water Resources. 1984. Eastern Shasta County Ground Water Study, California Department of Water Resources, Northern District.

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.