

Mountain Meadows Valley Groundwater Basin

- Groundwater Basin Number: 5-8
- County: Lassen
- Surface Area: 8,150 acres (13 square miles)

Basin Boundaries and Hydrology

The Mountain Meadows Valley Groundwater Basin is located to the northeast of Lake Almanor. The basin consists of Quaternary alluvium which encircles Mountain Meadow Reservoir. The basin is bounded to northeast by Jurassic to Triassic metavolcanic rocks and Tertiary non-marine sediments. The basin is bounded to the southeast by Miocene volcanic rocks and to the northwest by Pleistocene basalt. Annual precipitation in the basin ranges from 35- to 39-inches.

Hydrogeologic Information

Hydrogeologic information was not available for the following:

Water-Bearing Formations

Groundwater Level Trends

Groundwater Storage

Groundwater Quality

Groundwater Budget (Type B)

The estimate of groundwater extraction for the Mountain Meadows Valley Basin is based on a 1997 survey conducted by the California Department of Water Resources. The survey included land use and sources of water. Groundwater extraction for municipal and industrial uses is estimated to be 7 acre-feet. Deep percolation of applied water is estimated to be 350 acre-feet.

Well Characteristics

Well yields (gal/min)	
Municipal/Irrigation	NKD
Total depths (ft)	
Domestic	218 (1 Well Completion Report)
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:	No known groundwater management plans, groundwater ordinances, or basin adjudications
Water agencies	
Public	None
Private	None

Bibliography

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Errata

Changes made to the basin description will be noted here.