

Horse Lake Groundwater Basin

- Groundwater Basin Number: 6-97
- County: Lassen
- Surface Area: 3,800 acres (square miles)

Basin Boundaries and Hydrology

The Horse Lake Groundwater Basin is located south of Madeline Plains and east of Eagle Lake. The basin encompasses Horse Lake and is bounded to the southeast by Pleistocene volcanic basalt and on all other sides by Pliocene basalt with outcrops of Pleistocene basalt (Gay 1960). Faulting in the region transects the basin in both northwest and north-northeast directions. The primary water-bearing formation in the basin is Holocene alluvium. Annual precipitation is approximately 13- to 19-inches, increasing to the south.

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	NKD
Total depths (ft)	
Domestic	687 (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

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.
- 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.
- California Department of Water Resources (DWR). 1965. Bulletin No. 98, Northeastern Counties Ground Water Investigation, Appendix C: Geology, California Department of Water Resources, Northern District.

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.