

Bray Town Area Groundwater Basin

- Groundwater Basin Number: 1-17
- County: Siskiyou
- Surface Area: 8,030 acres (13 square miles)

Basin Boundaries and Hydrology

Bray Town Area Groundwater Basin is located northeast of Mount Shasta and south of Orr Mountain in eastern Siskiyou County. The basin is bounded to the north by Pliocene basalt of Orr Mountain and Mount Hebron and on the east by Pliocene basalt (Gay 1958). The basin is bounded on the south by Pliocene andesite and alluvial fan deposits (Wood 1960). Strand (1963) identifies alluvial fan deposits as Quaternary glacial deposits. The basin is bounded to the west by Holocene basalt (Strand 1963); however, Wood (1960) identifies those deposits as Pleistocene fluvioglacial deposits. Annual precipitation in the basin ranges from 21- to 25-inches, increasing to the south.

Hydrogeologic Information

Hydrogeologic information was not available for the following:

Water-Bearing Formations

Groundwater Level Trends

Groundwater Storage

Groundwater Budget (Type B)

The estimate of groundwater extraction for the Bray Town Area Basin is based on a 1991 survey conducted by the California Department of Water Resources. The survey included landuse and sources of water. Groundwater extraction for municipal and industrial uses is estimated to be 6 acre-feet. Deep percolation of applied water is estimated to be 170 acre-feet.

Groundwater Quality

Hydrogeologic information was not available.

Well Production 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

Basin Management

Groundwater management:	The County of Siskiyou adopted a groundwater management ordinance in 1998.
Water agencies	
Public	None
Private	None

Selected References

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- Planert M., Williams J.S. 1995. Ground Water Atlas of the United States, Segment 1, California, Nevada. USGS. HA-730-B.
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Errata

Changes made to the basin description will be noted here.