

Pondosa Town Area Groundwater Basin

- Groundwater Basin Number: 5-38
- County: Siskiyou and Shasta
- Surface Area: 2,082 acres (3 square miles)

Basin Boundaries and Hydrology

The Pondosa Town Area Groundwater Basin is a northwest trending valley of Quaternary alluvium (Gutierrez et al. 2010). The basin consists of 1,510 acres in Siskiyou County and about 575 acres in Shasta County. The basin is bounded by Tertiary volcanic basalt to the west and Pleistocene volcanic basalt to the east. A northwest-trending normal fault (Gay and Aune 1958) and two perennial streams, Bear Creek and Pole Creek, occupy part of the basin. Average annual precipitation ranges from 36 to 40 inches.

Hydrogeologic Information

Information was not available for the following subsections:

Water-Bearing Formations

Recharge Areas

Groundwater Level Trends

Groundwater Storage

Groundwater Budget (Type C)

Groundwater Quality

Well Characteristics

Well yields (gal/min)	
Municipal/Irrigation	unknown
Total depths (ft)	
Domestic	unknown
Municipal/Irrigation	unknown

Active Monitoring Data

Agency	Parameter	Number of wells /measurement frequency
DWR	Groundwater levels	None
DWR	Miscellaneous water quality	None
Department of Health Services and cooperators	Title 22 water quality	2 wells/annually

Basin Management

Groundwater management: Siskiyou County passed a Groundwater Ordinance in 2010 to establish, as needed, local Groundwater Advisory Committees for each of the aquifers in Siskiyou County. However, the County lacks representative wells in groundwater

Water agencies	basin number 5-38 and has identified the basin as appropriate for alternative monitoring techniques, with respect to CASGEM.
Public	Shasta County Water Agency also lacks representative wells in groundwater basin number 5-38 and has identified the basin as appropriate for alternative monitoring techniques, with respect to CASGEM.
Private	unknown

References Cited

- Gay TE, and Aune QA. 1958. Geologic Map of California: Alturas sheet: California Division of Mines and Geology, scale 1:250,000.
- Gutierrez C, Bryant W, Saucedo G, and Wills C. 2010. Geologic Map of California. California Geological Survey, Geologic Data Map No. 2.
(<http://www.quake.ca.gov/gmaps/GMC/stategeologicmap.html>)

Errata

Changes made to the basin description will be noted here.