

## Chrome Town Area Groundwater Basin

- Groundwater Basin Number: 5-61
- County: Glenn
- Surface Area: 1,410 acres (2 square miles)

### Basin Boundary and Hydrology

The Chrome Town Area Groundwater Basin is a north-south trending basin located near the eastern margin of the Coast Range consisting of Quaternary stream terrace deposits. The basin is bounded to the east by the Jurassic Knoxville Formation and lower Cretaceous marine sedimentary deposits. The basin is bounded on all other sides by the Jurassic Knoxville Formation (Jennings 1969). Annual precipitation is approximately 21 inches.

### 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 Chrome Town Area Basin is based on a 1993 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 5 acre-feet. Deep percolation of applied water is estimated to be 3 acre-feet.

### ***Groundwater Quality***

### Well Characteristics

	Well yields (gal/min)	
Irrigation	NKD	
	Total depths (ft)	
Domestic	Range: 93 – 320	Average: 187 (7 Well Completion Reports)
Irrigation	NKD	

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

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Groundwater management: Glenn County adopted a groundwater management ordinance in 2000.

Water agencies

Public

Private

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## Selected Reference

Jennings CW, Strand RG. 1969. Geologic Atlas of California [Ukiah Sheet]. California Division of Mines and Geology.

## Bibliography

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Dickinson WR, Ingersoll RV, Graham SA. 1979. Paleogene Sediment Dispersal and Paleotectonics in Northern California. Geological Society of America Bulletin 90:1458-1528.

Graham SA, Lowe DR, editors. 1993. Advances in Sedimentary Geology of the Great Valley Group, Sacramento Valley, California.

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## Errata

Changes made to the basin description will be noted here.