

## Dinsmores Town Area Groundwater Basin

- Groundwater Basin Number: 1-34
- County: Humboldt, Trinity
- Surface Area: 2,300 acres (4 square miles)

### Basin Boundaries and Hydrology

The Dinsmores Town Area Groundwater Basin occupies a southeast trending alluvial valley within a short reach of the Van Duzen River in the vicinity and downstream of the community of Dinsmores. The basin is completely bounded by the Franciscan Formation. Basin deposits consist of Quaternary alluvium (Strand 1962). Annual precipitation ranges from 57- to 61-inches.

### Hydrogeologic Information

Hydrogeologic information was not available for the following:

***Water-Bearing Formations***

***Groundwater Level Trends***

***Groundwater Storage***

### ***Groundwater Budget (Type B)***

Estimates of groundwater extraction are based on a 1996 survey conducted by the California Department of Water Resources. The survey included landuse and sources of water. Groundwater extraction for agricultural use is 46 acre-feet. Groundwater extraction for municipal and industrial uses is estimated to be 78 acre-feet. Deep percolation of applied water is estimated to be 24 acre-feet.

### ***Groundwater Quality***

Hydrogeologic information was not available.

### Well Production characteristics

	Well yields (gal/min)	
Municipal/Irrigation	NKD	
	Total depths (ft)	
Domestic	Range: 27 – 160	Average: 89 (13 Well Completion Reports)
Municipal/Irrigation		

NKD – No known data

### Active Monitoring Data

Agency	Parameter	Number of wells /measurement frequency
	Groundwater levels	NKD
Department of Health Services	Miscellaneous water quality	3

## Basin Management

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Groundwater management: No known groundwater management plans, groundwater ordinances, or basin adjudications.

### Water agencies

Public None

Private None

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## Selected References

Fratlicelli LA, Albers JP, Irwin WP, Blake MC. 1987. Geologic Map of the Redding 1 x 2 Degree Quadrangle, Shasta, Tehama, Humboldt, and Trinity Counties, California. USGS. OF-87-257.

Irwin WP. 1960. Geologic Reconnaissance of the Northern Coast Ranges and Klamath Mountains, California. California Division of Mines and Geology. Bulletin 179.

Strand, RG. 1962. Geologic Map of California, [Redding Sheet]. Scale 1:250,000. California Division of Mines and Geology.

## 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.

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

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.