

## Wilson Point Area Groundwater Basin

- Groundwater Basin Number: 1-62
- County: Trinity
- Surface Area: 700 acres (1 square mile)

### Basin Boundaries and Hydrology

The Wilson Point Area Groundwater Basin is a north trending alluvial basin located within a short reach of Hayfork Creek near Wilson Point. The northern half of the basin is bounded by Mesozoic granitic rocks. The southern half of the basin is bounded by Pre-Cretaceous metamorphic rocks. Basin deposits consist of Quaternary alluvium (Strand 1962). Annual precipitation is approximately 41 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 Wilson Point Area Basin is 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 estimated to be 30 acre-feet. Groundwater extraction for municipal and industrial uses is estimated to be 4 acre-feet. Deep percolation of applied water is estimated to be 6 acre-feet.

***Groundwater Quality***

Hydrogeologic information was not available

### Well Characteristics

Well yields (gal/min)		
Municipal/Irrigation	NKD	
Total depths (ft)		
Domestic	Range: 9 - 300	Average: 124 (9 Well Completion Reports)
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

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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.