

Toro Valley Groundwater Basin

- Groundwater Basin Number: 3-40
- County: San Luis Obispo
- Surface Area: 720 acres (1.1 square miles)

Basin Boundaries and Hydrology

The Toro Valley Groundwater Basin underlies Toro Valley in west-central San Luis Obispo County. The basin is bounded on the west by the Pacific Ocean and on all other sides, by impermeable rocks of the Jurassic to Cretaceous age Franciscan Group. The valley is drained by Toro Creek to the Pacific Ocean at Estero Bay.

Hydrogeologic Information

Water Bearing Formations

Groundwater is found in Holocene and late Pleistocene age alluvium. The estimated specific yield is 15 percent (DWR 1958).

Alluvium. The alluvium, which consists of sand, gravel, and clay, ranges to 80 feet thick (DWR 1975). Groundwater is largely unconfined.

Recharge Areas

Recharge to the basin is largely by percolation of stream flow and to a lesser extent from infiltration of precipitation and excess irrigation flow (DWR 1958).

Groundwater Level Trends

Groundwater flow is generally southwestward (DWR 1975).

Groundwater Storage

Groundwater Storage Capacity. The storage capacity is estimated at 2,900 af (DWR 1975).

Groundwater in Storage. Unknown.

Groundwater Budget (Type C)

No information is available.

Groundwater Quality

Characterization. Groundwater analyses from 6 wells in this basin taken from 1957 through 1988 show TDS content ranging from 458 to 732 mg/L.

Impairments. Historical data indicate chloride levels exceeding 100 mg/L (DWR 1975).

Well Production characteristics

| Well yields (gal/min) | | |
|-----------------------|-------------------------------|------------------------|
| Municipal/Irrigation | Range: – 500 gal/min (max) | Average: (DWR 1958) |
| | Total depths (ft) | |
| Domestic | Range: | Average: |
| Municipal/Irrigation | Range: | Average: |

Active Monitoring Data

| Agency | Parameter | Number of wells /measurement frequency |
|---|--------------------------------|---|
| | Groundwater levels | |
| | Miscellaneous water quality | |
| Department of Health Services and cooperators | Title 22 water quality | |

Basin Management

Groundwater management:

Water agencies

Public

San Luis Obispo County
Department of Public Works

Private

References Cited

California Department of Water Resources (DWR). 1958. *San Luis Obispo County Investigation*. Bulletin 18. 288 p.

_____. 1975. *Sea-Water Intrusion in California: Inventory of Coastal Ground Water Basins*. Bulletin 63-5. 394 p.

Additional References

California Department of Water Resources (DWR), Southern District. 1986. *San Luis Obispo County Master Water Plan Update*.

Errata

Changes made to the basin description will be noted here.