

Peach Tree Valley Groundwater Basin

- Groundwater Basin Number: 3-32
- County: Monterey
- Surface Area: 9,790 acres (15 square miles)

Basin Boundaries and Hydrology

Peach Tree Valley is a sparsely populated narrow elongate northwest-southeast trending basin in the Coast Range Mountains of Monterey County. The basin is approximately 21 miles long and is generally less than one mile wide. The elevation ranges from approximately 800 to 1,400 feet. The geologic materials of the basin appear to be entirely Quaternary alluvium. Middle and or lower Pliocene marine rocks surround the basin (Jennings and Strand 1958). San Lorenzo and Lewis Creek and their tributaries drain the basin. Drainage is toward the northwest then west to the Salinas Valley. Average precipitation values range from 19 to 21 inches.

Hydrogeologic Information

Water Bearing Formations

No specific published information on the water bearing deposits was found. San Joaquin District well completion report files contain logs for four wells in the basin. These wells range in depth from 60 to 117 feet. They appear to penetrate primarily alluvial material, however, one well reported "DG & Shale & Sandstone" at a depth of 35 to 70 feet.

Groundwater Level Trends

No data was found regarding water level trends. Well completion report files for wells drilled between 1953 and 1997 reported groundwater levels ranging from 35 to 65 feet.

Groundwater Storage

No published information on groundwater storage was found.

Groundwater Budget (Type C)

There is no information to provide an estimate of this basin's budget.

Groundwater Quality

No groundwater quality information was found in the published literature or in DWR files.

Well Production characteristics

| Well yields (gal/min) | | |
|-----------------------|----------------|---|
| Municipal/Irrigation | | |
| Total depths (ft) | | |
| Domestic | Range: 60 -117 | Average: 84 (DWR well completion reports) |
| Municipal/Irrigation | | |

Active Monitoring Data

| Agency | Parameter | Number of wells /measurement frequency |
|---|--------------------------------|---|
| Department of Health Services and cooperators | Groundwater levels | NKD |
| | Miscellaneous water quality | NKD |
| | Title 22 water quality | 0 |
| | | |

NKD: No Known Data

Basin Management

Groundwater management:

Water agencies

| | |
|---------|------|
| Public | None |
| Private | None |

References Cited

California Department of Water Resources (DWR), San Joaquin District. Well completion report files.

Jennings, Charles W. and Rudolph G. Strand (compilers). 1958. Santa Cruz Sheet of *Geologic Map of California*. California Division of Mines and Geology (CDMG). Scale 1:250,000.

Errata

Changes made to the basin description will be noted here.