Blanchard Valley Groundwater Basin

- Groundwater Basin Number: 5-92
- County: Colusa
- Surface Area: 2,200 acres (3 square miles)

Basin Boundary and Hydrology

The Blanchard Valley Groundwater Basin consists of two elongated north-south trending subbasins located in Antelope Valley. Both subbasins are bounded on all sides by Upper Cretaceous marine deposits (Jennings 1960). Annual precipitation is approximately 21 to 23-inches.

Hydrogeologic Information

Hydrologic information was not available for the following:
- Water-Bearing Formations
- Groundwater Level Trends
- Groundwater Storage

Groundwater Budget (Type B)

The estimate of groundwater extraction 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/industrial use is estimated to be 2 acre-feet. Deep percolation of applied water is estimated to be 1 acre-foot.

Groundwater Quality

Well Characteristics

<table>
<thead>
<tr>
<th></th>
<th>Well yields (gal/min)</th>
<th>Total depths (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Municipal/Irrigation</td>
<td>NKD</td>
<td></td>
</tr>
<tr>
<td>Domestic</td>
<td>NKD</td>
<td></td>
</tr>
<tr>
<td>Municipal/Irrigation</td>
<td>NKD</td>
<td></td>
</tr>
</tbody>
</table>

NKD – No known data

Active Monitoring Data

<table>
<thead>
<tr>
<th>Agency</th>
<th>Parameter</th>
<th>Number of wells/ measurement frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Groundwater levels</td>
<td>NKD</td>
</tr>
<tr>
<td></td>
<td>Miscellaneous water quality</td>
<td>NKD</td>
</tr>
</tbody>
</table>

NKD – No Known Data
Basin Management


Water agencies

- Public: None
- Private: None

Selected References


Bibliography


Errata

Changes made to the basin description will be noted here.