Cayton Valley Groundwater Basin

- Groundwater Basin Number: 5-45
- County: Siskiyou
- Surface Area: 1,300 acres (2 square miles)

Basin Boundary and Hydrology
The Cayton Valley Groundwater Basin is a northeast trending basin located west of Fall River Valley and north of Lake Britton. The basin is bounded to the east by several northwest trending faults and Pliocene andesitic rocks of Soldier and Fort Mountains. The basin is bounded to the north and west by Miocene basalt and to the south by Quaternary pyroclastic rocks (Gay 1958). Annual precipitation ranges from 35- to 41-inches, increasing to the northwest.

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 is based on a 1995 survey conducted by the California Department of Water Resources. The survey included land use and sources of water. Groundwater extraction for municipal and industrial use is estimated to be 1 acre-foot. Deep percolation of applied water is estimated to be 210 acre-feet.

Groundwater Quality

Well Characteristics

<table>
<thead>
<tr>
<th></th>
<th>Well yields (gal/min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Municipal/Irrigation</td>
<td>400 (1 well completion report)</td>
</tr>
<tr>
<td>Domestic</td>
<td>NKD</td>
</tr>
<tr>
<td>Municipal/Irrigation</td>
<td>230 (1 well completion report)</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**

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Water agencies</td>
<td></td>
</tr>
<tr>
<td>Public</td>
<td>None</td>
</tr>
<tr>
<td>Private</td>
<td>None</td>
</tr>
</tbody>
</table>

**Selected References**


**Bibliography**


**Errata**

Changes made to the basin description will be noted here.