**Prairie Creek Area Groundwater Basin**

- Groundwater Basin Number: 1-25
- County: Humboldt
- Surface Area: 20,000 acres (square miles)

**Basin Boundaries and Hydrology**

The Prairie Creek Area Groundwater Basin is located approximately 50 miles north of Eureka and 25 miles south of Crescent City. The basin is bounded by Lost Man Fault to the east and rocks of the Franciscan Formation on all sides. Basin deposits consist of undifferentiated Plio-Pleistocene marine and non-marine deposits. The basin is also transected by the Grogan Fault within the western third of the basin (Wagner 1987).

Annual precipitation ranges from 59 - to 75-inches, increasing to the northeast.

**Hydrogeologic Information**

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

**Groundwater Budget (Type B)**

Estimates of groundwater extraction are based on a survey conducted by the California Department of Water Resources in 1996. The survey included landuse and sources of water. Estimates of groundwater extraction for municipal/industrial 4 acre-feet. Deep percolation from applied water is estimated to be 3 acre-feet.

**Groundwater Quality**

Hydrogeologic information was not available.

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**Well Characteristics**

<table>
<thead>
<tr>
<th>Well Type</th>
<th>Yield (gal/min)</th>
<th>Total Depths (ft)</th>
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</thead>
<tbody>
<tr>
<td>Municipal/Irrigation</td>
<td>NKD</td>
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<tr>
<td>Domestic</td>
<td>Range: 72 – 132</td>
<td>Average: 101 (3 Well Completion Reports)</td>
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NKD – No known data.
Active Monitoring Data

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

Basin Management

Groundwater management: No known groundwater management plans, groundwater ordinances, or basin adjudications.

Water agencies

Public: None

Private: None

Selected References


Bibliography


Errata

Changes made to the basin description will be noted here.