Hexie Mountain Area Groundwater Basin

- Groundwater Basin Number: 7-53
- County: Riverside
- Surface Area: 11,200 acres (17.5 square miles)

**Basin Boundaries and Hydrology**
This basin is located in northeastern Riverside County and southeastern San Bernardino County. The basin is bounded by nonwater-bearing rocks on all sides and includes the Lost Horse and Ryan Mountains on the west and the Hexie Mountains on the east (Rogers 1965, 1967). Annual average precipitation ranges from about 8 to 10 inches.

**Hydrogeologic Information**

**Water Bearing Formations**
In this basin, groundwater is found in unconsolidated younger Quaternary alluvial deposits and the underlying unconsolidated to semi-consolidated older Tertiary to Quaternary alluvial deposits.

**Restrictive Structures**
An extension of an unnamed fault runs from the eastcentral portion of the basin to the eastern boundary (Rogers 1965); however, it is unknown whether or not it is a barrier to groundwater movement.

**Recharge Areas**
Recharge to the basin is derived chiefly from the infiltration of runoff through alluvial deposits at the base of the surrounding mountains.

**Groundwater Level Trends**
No information available.

**Groundwater Storage**

**Groundwater Storage Capacity.** Unknown.

**Groundwater in Storage.** Unknown.

**Groundwater Budget (Type C)**
No budget information available.

**Groundwater Quality**

**Characterization.** Unknown.

**Impairments.** Unknown.
Well Characteristics

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

Active Monitoring Data

<table>
<thead>
<tr>
<th>Agency</th>
<th>Parameter</th>
<th>Number of wells /measurement frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department of Health Services and cooperators</td>
<td>Groundwater levels</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Miscellaneous</td>
<td></td>
</tr>
<tr>
<td></td>
<td>water quality</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Title 22 water</td>
<td></td>
</tr>
<tr>
<td></td>
<td>quality</td>
<td></td>
</tr>
</tbody>
</table>

Basin Management

Groundwater management:

Water agencies

- Public
- Private

References Cited


Additional References


Errata

Changes made to the basin description will be noted here.