Rhodes Hill Area Groundwater Basin

- Groundwater Basin Number: 6-86
- County: Inyo
- Surface Area: 15,600 acres (24.4 square miles)

**Basin Boundaries and Hydrology**
This groundwater basin underlies an east-trending valley in the Black Mountains and Ibex Hills of southern Inyo County. The basin is bounded on the south, west, and north by the Black Mountains, on the northeast by the Calico Peaks, and on the southeast by the Ibex Hills and Sheephead Mountain (Jennings and others 1962). Surface water is drained westward to Death Valley by Rhodes Wash. Average annual precipitation ranges up to six inches.

**Hydrogeologic Information**

*Water Bearing Formations*
Groundwater in the basin is likely found in alluvium of Quaternary age. Such alluvium likely consists of unconsolidated, fine- to coarse-grained sand, pebbles, and boulders with variable amounts of silt and clay.

*Restrictive Structures*
An unnamed southeast trending fault crosses through the central portion of the basin. It is unknown if this fault is a barrier to groundwater movement.

*Recharge Areas*
Recharge to the basin is most likely from percolation of precipitation and runoff from the surrounding mountains.

*Groundwater Level Trends*
Unknown.

*Groundwater Storage*
Groundwater Storage Capacity. Unknown.

Groundwater in Storage. Unknown.

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

*Groundwater Quality Characterization.* Unknown.

*Impairments.* Unknown.
Well Production characteristics

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

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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Groundwater levels

Miscellaneous water quality

Department of Health Services and cooperators

Title 22 water quality

Basin Management

Groundwater management:

Water agencies

Public

Private

References Cited


Additional References


Errata

Changes made to the basin description will be noted here.