Wild Horse Mesa Area Groundwater Basin

- Groundwater Basin Number: 6-73
- County: Inyo
- Surface Area: 3,320 acres (5.2 square miles)

Basin Boundaries and Hydrology
This groundwater basin underlies Wild Horse Mesa in the Coso and Argus Ranges of southern Inyo County. The basin is bounded by nonwater-bearing rocks of the Argus Range on the southeast and of the Coso Range on all other sides (Jennings 1958; Jennings and others 1962). Surface water drainage is southwestward through Renegade Canyon to Coso Valley. Average annual precipitation ranges from 8 to 10 inches.

Hydrogeologic Information

Water Bearing Formations
Quaternary alluvium forms the water-bearing materials within the basin and includes unconsolidated younger alluvial deposits and underlying unconsolidated to semi-consolidated older alluvial deposits (DWR 1964). Such alluvium likely consists of unconsolidated, fine- to coarse-grained sand, pebbles, and boulders with variable amounts of silt and clay.

Restrictive Structures
Unknown.

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)
Unknown.

Groundwater Quality
Characterization. Unknown.

Impairments. Unknown.
Well Production characteristics

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

<table>
<thead>
<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 and cooperators</td>
<td>Groundwater levels</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Miscellaneous water quality</td>
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<td></td>
<td>Title 22 water quality</td>
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</tbody>
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Basin Management

Groundwater management:

Water agencies

- Public
- Private

References Cited


Errata

Changes made to the basin description will be noted here.