

## Hidden Valley Groundwater Basin

- Groundwater Basin Number: 6-63
- County: Inyo
- Surface Area: 18,000 acres (28.1 square miles)

### **Basin Boundaries and Hydrology**

This groundwater basin underlies Hidden Valley, Ulida Flat and Sand Flat in south central Inyo County and is bounded by impermeable rocks of the Panamint Range (Jennings 1958). Surface drainage flows toward a playa in Hidden Valley and a closed basin in San Flat (Jennings 1958). Average annual precipitation ranges from 6 to 8 inches.

### **Hydrogeologic Information**

#### ***Water Bearing Formations***

Groundwater can likely be found in alluvium of Quaternary age. Alluvium typically consists of unconsolidated, fine- to coarse-grained sand, pebbles, and boulders with variable amounts of silt and clay.

#### ***Restrictive Structures***

Unknown.

#### ***Recharge Areas***

The principal source of recharge to the basin is likely percolation of runoff from surrounding mountains, with minor contribution from percolation of precipitation to the valley floor.

#### ***Groundwater Level Trends***

No wells are known to exist in this basin.

#### ***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

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### Well yields (gal/min)

Municipal/Irrigation

### Total depths (ft)

Domestic

Municipal/Irrigation

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## Active Monitoring Data

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Agency	Parameter	Number of wells /measurement frequency
	Groundwater levels	
	Miscellaneous water quality	
Department of Health Services and cooperators	Title 22 water quality	

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## Basin Management

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Groundwater management:

Water agencies

Public

Private

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## References Cited

Jennings, C. W. 1958. *Geologic Map of California, Death Valley Sheet*. Single Map Sheet, scale 1:250,000.

Additional References

Bedinger, M.S., Sargent, K.A., and Langer, W.H. 1989. *Studies of Geology and Hydrology in the Basin and Range Province, Southwestern United States, for Isolation of High-Level Radioactive Waste- Characterization of the Death Valley Region, Nevada and California*. U.S. Geological Survey Professional Paper 1370-F, 49 p.

California Department of Water Resources (DWR). 1964. *Ground Water Occurrence and Quality, Lahontan Region*, Bulletin 106-1.

\_\_\_\_\_. 1975. *California's Ground Water, Bulletin 118*. 135 p.

## Errata

Changes made to the basin description will be noted here.