

## Lost Horse Valley Groundwater Basin

- Groundwater Basin Number: 7-51
- County: Riverside, San Bernardino
- Surface Area: 17,300 acres (27.0 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 of the Lost Horse and Ryan Mountains on the east and of the Little San Bernardino Mountains on the north, south, and west (Rogers 1965, 1967). Annual average precipitation ranges from about 6 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***

Unknown.

#### ***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***

Unknown.

#### ***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

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Well yields (gal/min)		
Municipal/Irrigation	Range:	Average:

  

Total depths (ft)		
Domestic	Range:	Average:
Municipal/Irrigation	Range:	Average:

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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

Groundwater management:

Water agencies

Public

Private

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## References Cited

- Rogers, T. H. 1965. *Geologic Map of California, Santa Ana Sheet*. Single Map Sheet, Scale 1:250,000.
- \_\_\_\_\_. 1967. *Geologic Map of California, San Bernardino Sheet*. Single Map Sheet, Scale 1:250,000.

## Additional References

- California Department of Water Resources (DWR). 1954. *Ground Water Occurrence and Quality Colorado River Basin Region*. Water Quality Investigations Report No. 4.
- \_\_\_\_\_. 1975. *California's Ground Water*. Bulletin 118. 135 p.

## Errata

Changes made to the basin description will be noted here.