

Bull Flat Groundwater Basin

- Groundwater Basin Number: 6-101
- County: Lassen
- Surface Area: 18,100 acres (square miles)

Basin Boundaries and Hydrology

The Bull Flat Groundwater Basin is located east of Secret Valley and extends beyond the California boarder into Nevada. The basin consists of elongated valleys that are bounded by Quaternary and Plio-Pleistocene volcanic basalt of Five Springs Mountain, Cherry Mountain and the northern extents of Skedaddle Mountains (Lydon 1960). The basin generally trends to the northeast with an arm extending to the northwest along the base of Five Springs Mountain. Basin deposits consist of Quaternary alluvium and Tertiary lake deposits. Annual precipitation ranges from 9- to 11-inches.

Hydrogeologic Information

Hydrogeologic information was not available for the following:

Water-Bearing Formations

Groundwater Level Trends

Groundwater Budget

Groundwater Quality

Well Characteristics

Well yields (gal/min)	
Municipal/Irrigation	NKD
Total depths (ft)	
Domestic	NKD
Municipal/Irrigation	

NKD – No known data.

Active Monitoring Data

Agency	Parameter	Number of wells /measurement frequency
	Groundwater levels	NKD
	Miscellaneous Water Quality	NKD

Basin Management

Groundwater management:	No known groundwater management plans, groundwater ordinances, or basin adjudications.
Water agencies	
Public	
Private	

Selected References

- California Department of Water Resources (DWR). 1963. Northeastern Counties Groundwater Investigation, Volume 1, Text. California Department of Water Resources. Bulletin 98. 224 p.
- California Department of Water Resources (DWR). 1963. Northeastern Counties Investigation, Volume 2, Plates. California Department of Water Resources. Bulletin 98.
- Lydon PA, Gay TE, Jr., et al. 1960. Geologic Map of California [Westwood Sheet], California Division of Mines.

Bibliography

- Bailey EH. 1966. Geology of Northern California. California Division of Mines and Geology. Bulletin 190.
- California Department of Water Resources. 1960. Northeastern Counties Investigation. California Department of Water Resources. Bulletin 58.
- California Department of Water Resources. 1965. Northeastern Counties Ground Water Investigation, Appendix C, Geology. California Department of Water Resources, Northern District. Bulletin 98.
- California Department of Water Resources. 1975. California's Ground Water. California Department of Water Resources. Bulletin 118.
- California Department of Water Resources. 1980. Ground Water Basins in California. California Department of Water Resources. Bulletin 118-80.
- California Department of Water Resources. 1992. Lassen County Water Resources Assessment Study. California Department of Water Resources, Northern District. Memorandum Report.

Errata

Changes made to the basin description will be noted here.