

AUBERRY SERIES

The Auberry series consists of well-drained soils underlain by weathered granodiorite. These soils are moderately sloping to steep and are on the middle and lower parts of the foothills. Slopes are 5 to 50 percent. The vegetation is mostly annual grasses and firs and oak, but scattered areas are in ponderosa and digger pine. Elevation ranges from 400 to 1,600 feet. The annual rainfall is 20 to 40 inches, and the average annual air temperature is about 60°F. The frost-free season is 235 to 260 days.

In a representative profile the surface layer is about 14 inches of brown or dark-brown sandy loam. The subsoil is about 26 inches of yellowish-brown and light yellowish-brown heavy sandy loam, sandy clay loam, and sandy loam. Reaction is medium acid and slightly acid. Weathered coarse-grained granodiorite is at a depth of about 40 inches.

Permeability is moderate in these soils. Effective rooting depth is 36 to 46 inches. Available water holding capacity is 5 to 7 inches.

The Auberry soils are used for annual range, irrigated pasture, and improved dry pasture.

Individual Soil Types	Rock Outcrop	Runoff	Erosion	Capability Unit	Uses
Auberry sandy loam 5 to 15% slopes (AtC)	2 – 10%	Slow to Medium	Slight – Moderate	IVe-1	Annual range, improved dry pasture, irrigated pasture
Auberry-Rock Outcrop Complex 2 to 30% slopes (AuD)	10 – 25%	Medium to Rapid	High	VIs-1	Annual range, limited improved dry pasture
Auberry-Rock Outcrop Complex 30 to 50% slopes (AuE)	10 – 25%	Rapid	Very High	VIIIs-1	Annual range