

San Dimas Experimental Forest Metadata Report (SDF)

Riverside, California

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Research Area Information

San Dimas Experimental Forest.....SDF

San Dimas Experimental Forest

Research Area Information

USGS Harvest URL

http://gce-lter.marsci.uga.edu/harvest/usgs/sdf_lter.txt

Meteorological Stations

Watershed

Bell 1 Watershed.....Bell_1

Bell 1 Watershed

Watershed Spatial Characteristics

Area (hectares)32 ha
Aspect (degrees azimuth)approx. 220 (SW)
Minimum watershed elevation (meters; a.m.s.l)approx. 750 m
Maximum watershed elevation (meters; a.m.s.l)approx. 1048 m

Watershed Ecological Characteristics

Channel length (meters)3180
Channel length description
contour line crenulations
Drainage density (km/km²)9.94
Mean snowpack description
Usually none.

Watershed Descriptions

Pre-treatment vegetation

Native chaparral

Pre-treatment description

Unknown

Soil description

0.1 to 0.5 m, grade into deeply weathered parent material. Excessively drained, coarse texture.

Geology description

Pre-Cambrian metamorphics (gneiss and schist); Mesozoic plutonics (granodiorite), intensely fractured.

Treatment History

Converted to perennial grass in the 1960s. Burned in Nov. 1975 (Village Fire), and in 1960 Johnstone Peak fire.

Succession description

Chaparral slow to reestablish area. Lots of *Eriogonum fasciculatum* (buckwheat) and *Eriodictyon trichocalyx* (yerba santa) in watershed.

Gauging Stations

Bell 1 Watershed.....Bell_1

Bell 1 Watershed

Hydrologic Gauging Station

Stream Discharge