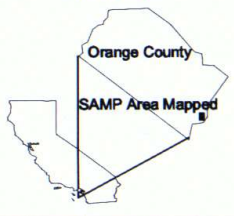


Index Map



Legend

Sem-consolidated sandstones yielding substantial baseflow

- San Onofre Breccia
- Santiago Formation
- Sespe Formation
- Vaqueros Formation
- Undifferentiated San Onofre Breccia, Topanga, and Monterey Formations
- Undifferentiated Sespe and Vaqueros Formations

Granitic Rocks

- Mixed granitic rocks generating substantial baseflow

Volcanic and metavolcanic rocks generating substantial baseflow

- Santiago Peak volcanics
- Elsinore Peak basalt and Santa Rosa basalt

Consolidated sandstones and other coarse-grained sediments yielding discernible baseflows

- Pleasant sandstone member of Williams Formation
- Schulz Ranch "sandstone" member of Williams Formation

Broadly-fractured sandstones and shales locally yielding baseflow

- Monterey Formation
- Siltstone facies of Capistrano Formation
- Topanga Formation

Fine grained consolidated sediments yielding little baseflow

- Bedford Canyon Formation
- Lower Schulz Ranch "siltstone" member of Williams Formation
- Silverado Formation
- Starr member of Williams Formation

Major unconsolidated deposits not likely to generate baseflows

- Niguel Formation
- Oso Sandstone member of Capistrano Formation
- Undifferentiated Capistrano Formation
- Undifferentiated Puente and Capistrano Formations

Metasediments of Trabuco and Ladd Formations

- Holtz Shale member of Ladd Formation
- Trabuco Formation
- Undifferentiated Williams, Ladd, and Trabuco Formations
- Undifferentiated metasedimentary
- Baker Canyon member of Ladd Formation

Other unconsolidated deposits locally yielding limited baseflows

- Marine Terrace Deposits
- Alluvium, colluvium, and non-marine terrace deposits
- La Vida member of Puente Formation
- Landslides

▨ Potreros (historic summer pasture)

⚡ Major Watershed Creeks

✱ Springs

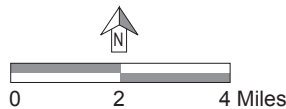


Figure 31
Bedrock Derived Baseflow

Geomorphic and Hydrologic Needs of Aquatic and Riparian Endangered Species

Source: Balance Hydrologics, Inc., 2002