

## Significant Earthquakes and Faults

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### Fault Name Index

#### Newport-Inglewood - Rose Canyon Fault Zone

TYPE OF FAULTING: right-lateral (?)

LENGTH: roughly 90 km

NEAREST COMMUNITIES: Laguna Beach, Dana Point, Oceanside, Encinitas

MOST RECENT MAJOR RUPTURE: [Holocene](#), in part; mostly [Quaternary](#)

SLIP RATE: estimated at between 0.8 and 2.1 mm/yr

INTERVAL BETWEEN MAJOR RUPTURES: uncertain

PROBABLE MAGNITUDES:  $M_w$ 6.0 - 7.2 (?); uncertain due to uncertainty in the continuity of the fault zone

OTHER NOTES: This fault zone lies entirely offshore. It is poorly located in parts, and not well studied.

#### [References](#)

This fault is featured on the following map:

[Southern Fault Map](#)

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