



Santa Cruz-Catalina Ridge
Fault Zone

San Clemente
Fault Zone

Catalina
Fault Zone

San Diego Trough
Fault Zone

N
↑

38.1 mi

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Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Data LDEO-Columbia, NSF, NOAA

Google earth

All of the fault zones shown on the map are right lateral strike slip faults. Fault traces were obtained from the USGS quaternary fault database at <http://earthquake.usgs.gov/hazards/qafaults/google.php>

Name:

1. Briefly describe the terrain just north of the Catalina Fault Zone.

2. The Catalina Fault Zone bends noticeably in the vicinity of the blue arrow. Would this be considered a releasing bend or a restraining bend? Explain your reasoning, including a general discussion and map view sketch of the local stresses in that location.

