--- Earthquake Planning Scenario ---
ShakeMap for Ventura M7.6 Scenario

Scenario Date: OCT 21 2011 06:00:00 PM GMT  M 7.6  N34.34 W119.17  Depth: 11.1km

Ventura- Pitas Pt. and San Cayetano

SCEC - Ventura
Special Fault Study Area Workshop

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How big could the earthquake be here? Could it really be M 8.0?

Length, down-dip width, slip

Fault length:

Point Concepcion to Rialto    350 km    M 7.9 ?

Santa Barbara to Saugus       125 km    M 7.6 ?

Carpenteria to Fillmore       80 km     M 7.3 ?

Down-dip width:

Ideas? (45 km for a 45° dip and a 25 km elastic thickness)

Slip:

For 6-7 m uplift, require 10+ meters slip; avg. slip along-strike?