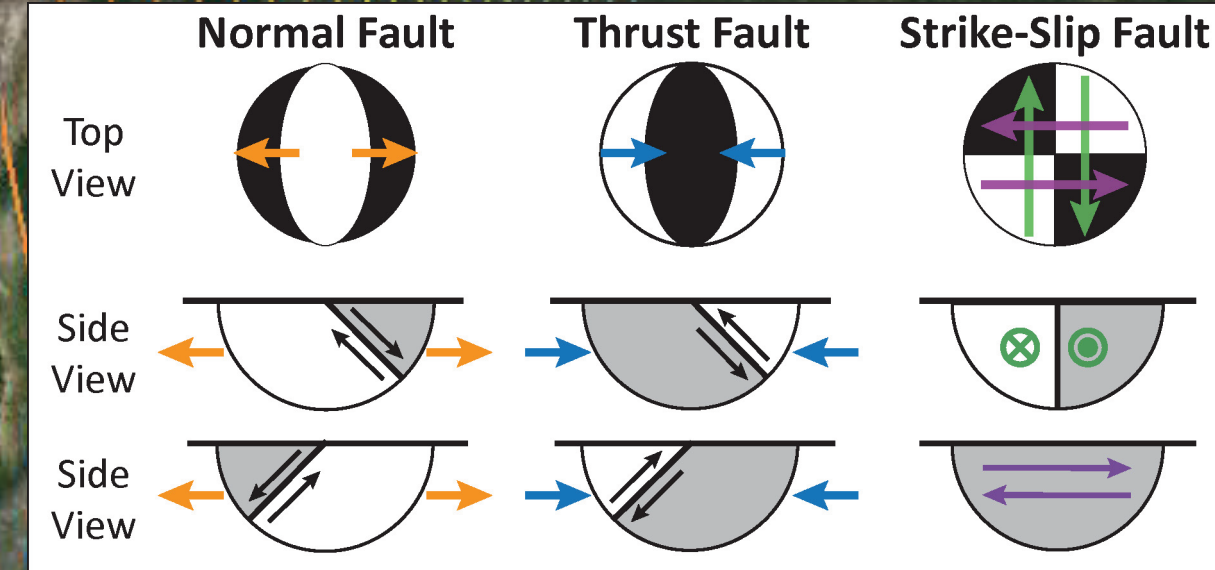


2015.11.07  
M 6.2

2015.11.07  
M 6.8

2015.11.07  
M 5.9



Nazca plate

South America  
plate

Juan Fernandez Ridge

### Central Chile Subduction Zone

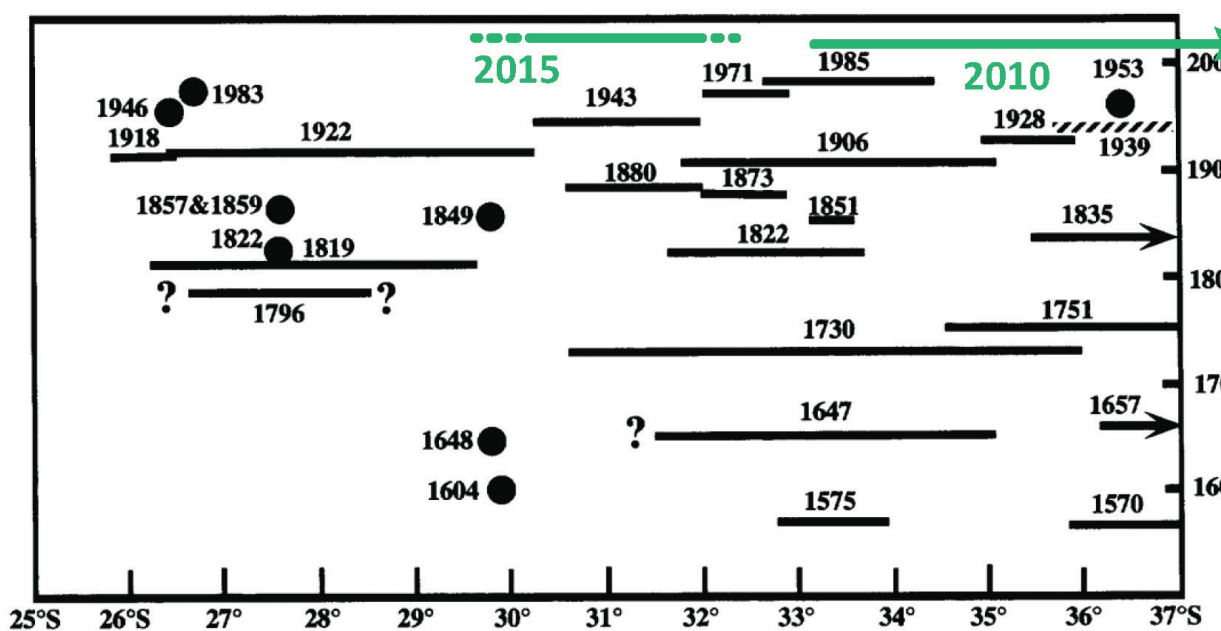


Fig. 2. Space-time plot of large to great earthquakes along the coast of south central Chile. Solid bars represent significant earthquakes that are probably underthrusting events. The length of the bar corresponds to the region of highest intensities and damage along the coast. The hatchured bar shows the location of the 1939 intraplate event. The solid circles represent smaller events that reported damage in one locality. The 1796 bar represents two events (March 30 and August 24) and the 1819 bar represents 3 events (April 3, 4, and 11). the earthquake size cut off is not uniform along the coast. Compiled from Lomnitz (1971), Willis (1929), Comte *et al.* (1986) and Askew and Algermissen (1985).

### Source characteristics of historic earthquakes along the central Chile subduction zone

<sup>1</sup>S. BECK, <sup>2</sup>S. BARRIENTOS, <sup>2</sup>E. KAUSEL and <sup>2</sup>M. REYES

N  
200 km

Image Landsat  
Data SIO, NOAA, U.S. Navy, NGA, GEBCO

### Intensity vs. Distance Plot (ID us10003vgt)

