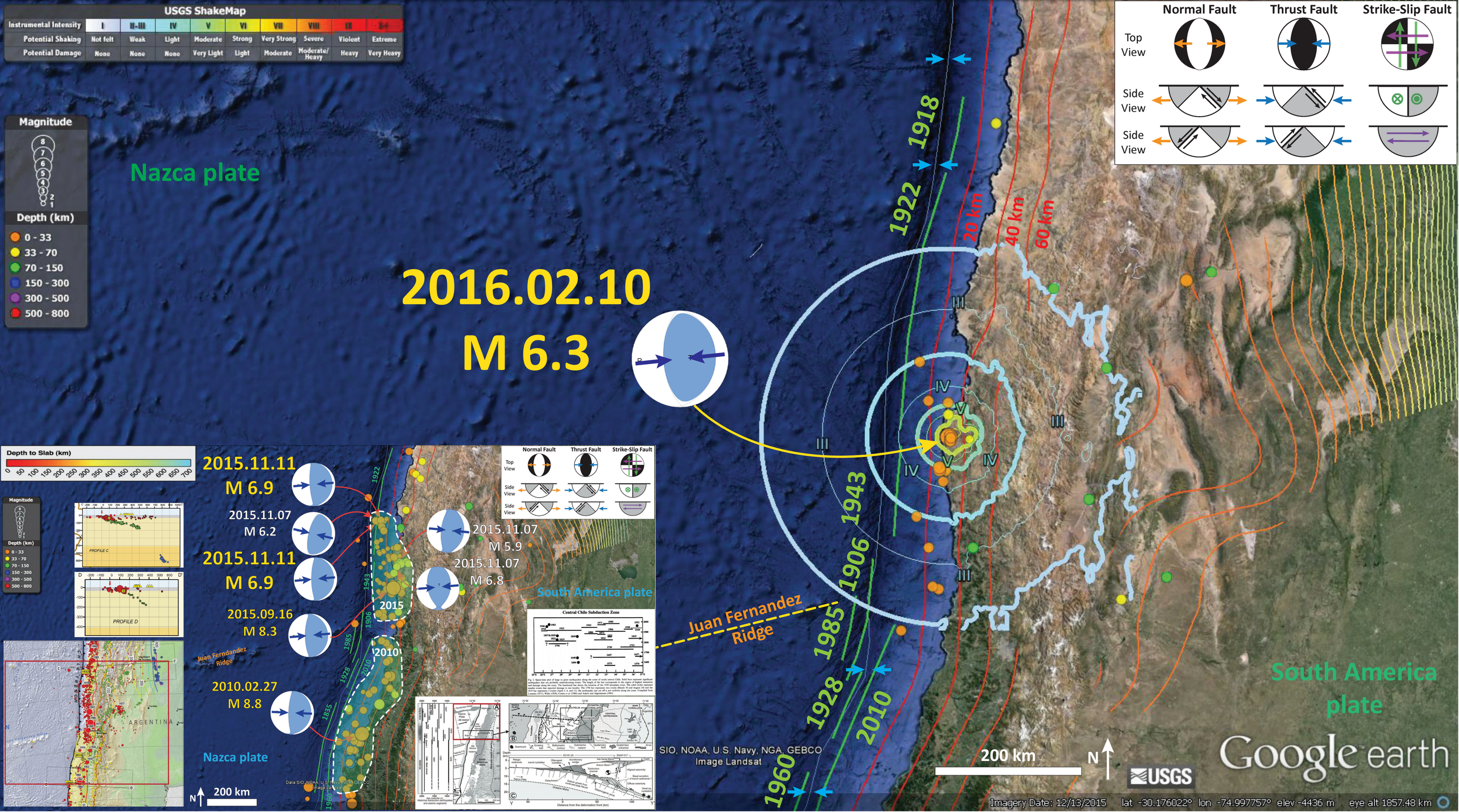
USGS ShakeMap
Instrumental Intensity
I
II-III
IV
V
VI
VII
VIII
IX
X+
Potential Shaking
Not felt
Weak
Light
Moderate
Strong
Very Strong
Severe
Violent
Extreme
Potential Damage
None
None
None
Very Light
Light
Moderate
Moderate/ Heavy
Heavy
Very Heavy
Magnitude
8
7
6
5
4
3
2
1
Depth (km)
0 - 33
33 - 70
70 - 150
150 - 300
300 - 500
500 - 800
Nazca plate
2016.02.10
M 6.3
Normal Fault
Thrust Fault
Strike-Slip Fault
Top View
Side View
Side View
1918
1922
1943
1906
1985
1928
2010
1960
20 km
40 km
60 km
III
IV
V
Juan Fernandez Ridge
South America plate
SIO, NOAA, U.S. Navy, NGA, GEBCO
Image Landsat
200 km
N
USGS
Google earth
Imagery Date: 12/13/2015 lat -30.176022° lon -74.997757° elev -4436 m eye alt 1857.48 km
Depth to Slab (km)
0 50 100 150 200 250 300 350 400 450 500 550 600 650 700
2015.11.11
M 6.9
2015.11.07
M 6.2
2015.11.11
M 6.9
2015.09.16
M 8.3
2010.02.27
M 8.8
2015.11.07
M 5.9
2015.11.07
M 6.8
2015
2010
1835
PROFILE C
PROFILE D
Central Chile Subduction Zone
Nazca plate
South America plate
Juan Fernandez Ridge
200 km
N
Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Image Landsat