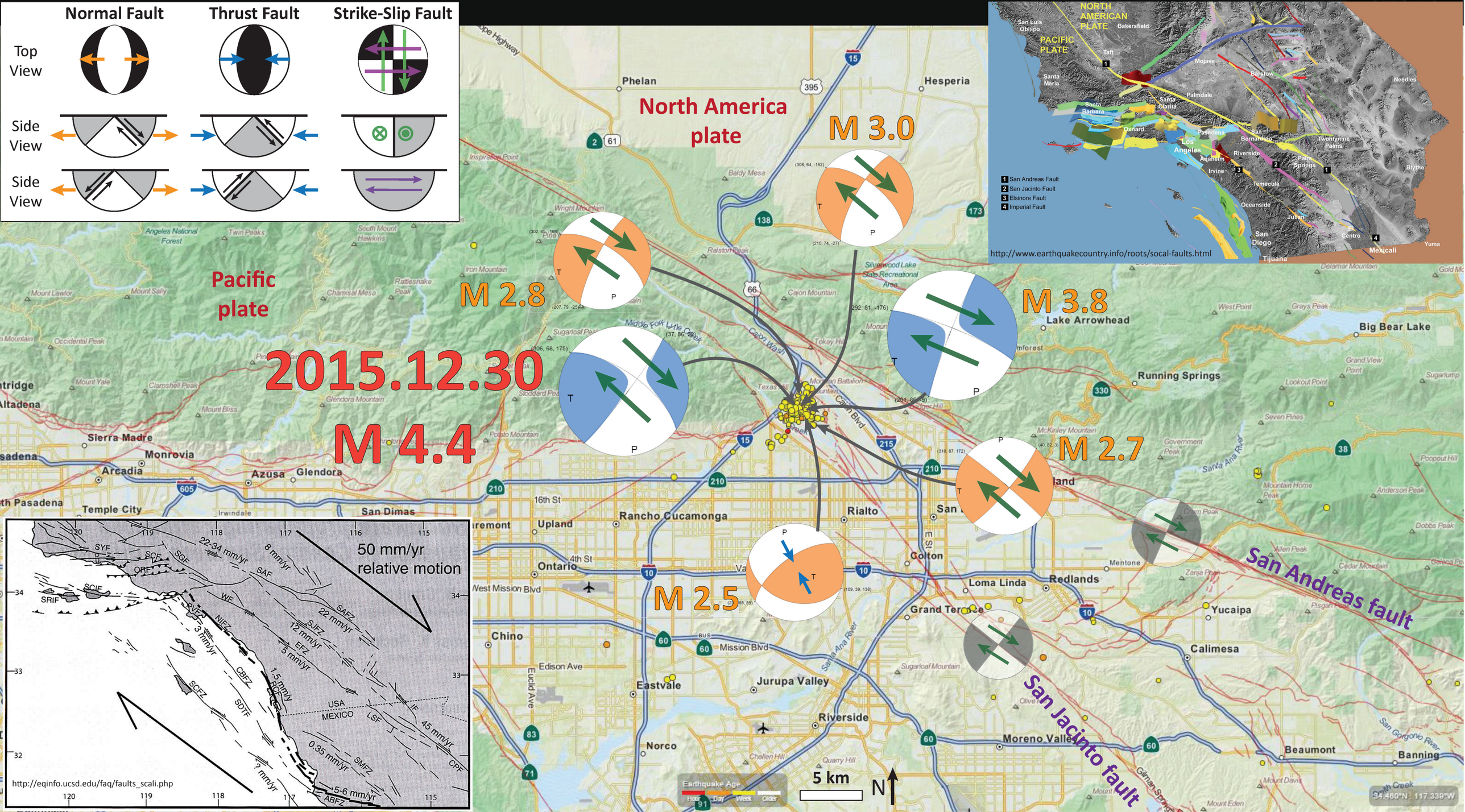
Normal Fault
Thrust Fault
Strike-Slip Fault
Top View
Side View
Side View
North America plate
Pacific plate
2015.12.30
M 4.4
M 3.0
M 2.8
M 3.8
M 2.7
M 2.5
San Andreas fault
San Jacinto fault
50 mm/yr relative motion
http://eqinfo.ucsd.edu/faq/faults_scali.php
http://www.earthquakecountry.info/roots/socal-faults.html
1 San Andreas Fault
2 San Jacinto Fault
3 Elsinore Fault
4 Imperial Fault
NORTH AMERICAN PLATE
PACIFIC PLATE
Earthquake Age
Hour
Day
Week
Older
5 km
N
Phelan
Hesperia
Lake Arrowhead
Big Bear Lake
Running Springs
Sierra Madre
Monrovia
Arcadia
Azusa
Glendora
Temple City
San Dimas
Upland
Rancho Cucamonga
Rialto
Ontario
Colton
Loma Linda
Redlands
Yucaipa
Calimesa
Chino
Eastvale
Jurupa Valley
Riverside
Norco
Moreno Valley
Beaumont
Banning
Grand Terrace
Mentone
Mission Blvd
Edison Ave
West Mission Blvd
16th St
4th St
Baldy Mesa
Cajon Mountain
Cajon Wash
Silverwood Lake State Recreational Area
Mount Baldy
Mount Lawlor
Mount Wilson
Mount Harvard
Mount Yale
Clamshell Peak
Glendora Mountain
Mount Bliss
Potato Mountain
Sugarloaf Peak
Ralston Peak
Iron Mountain
Wright Mountain
Inspiration Point
Twin Peaks
Angeles National Forest
Chamisal Mesa
Rattlesnake Peak
Tokay Hill
Texas Hill
Morton Battalion
Stoddard Peak
Middle Fork Lytle Creek
Sugarloaf Mountain
Challen Hill
Quarry Hill
Olive Hill
Government Peak
McKinley Mountain
Grays Peak
West Point
Delamar Mountain
Gold Mountain
Lookout Point
Grand View Point
Sugarloaf Mountain
Seven Pines
Santa Ana River
Mountain Home Peak
Anderson Peak
Poopout Hill
Dobbs Peak
Allen Peak
Cedar Mountain
Zanja Peak
Pisgah Peak
Galena Peak
Mount Davis
Mount Eden
San Gorgonio River
Gilman Springs
Cram Peak
Phelan
Hesperia
Lake Arrowhead
Big Bear Lake
Running Springs
Sierra Madre
Monrovia
Arcadia
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Galena Peak
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Mount Eden
San Gorgonio River
Gilman Springs
Cram Peak
SYF
SCF
SGF
ORF
SCIF
SRIF
WF
RVF
NIFZ
CBFZ
SCFZ
SDTF
USA
MEXICO
LSF
IF
CPF
SMFZ
ABFZ
SAF
SAFZ
SJFZ
EFZ
LI
22-34 mm/yr
8 mm/yr
22 mm/yr
12 mm/yr
5 mm/yr
3 mm/yr
1.5 mm/yr
45 mm/yr
0.35 mm/yr
? mm/yr
5-6 mm/yr
San Luis Obispo
Bakersfield
Taft
Mojave
Barstow
Needles
Santa Maria
Palmdale
Santa Clarita
Santa Barbara
Oxnard
Pasadena
San Bernardino
Twentynine Palms
Los Angeles
Anaheim
Riverside
Palm Springs
Irvine
Temecula
Oceanside
Julian
Blythe
San Diego
El Centro
Mexicali
Yuma
Tijuana
34.460°N - 117.339°W