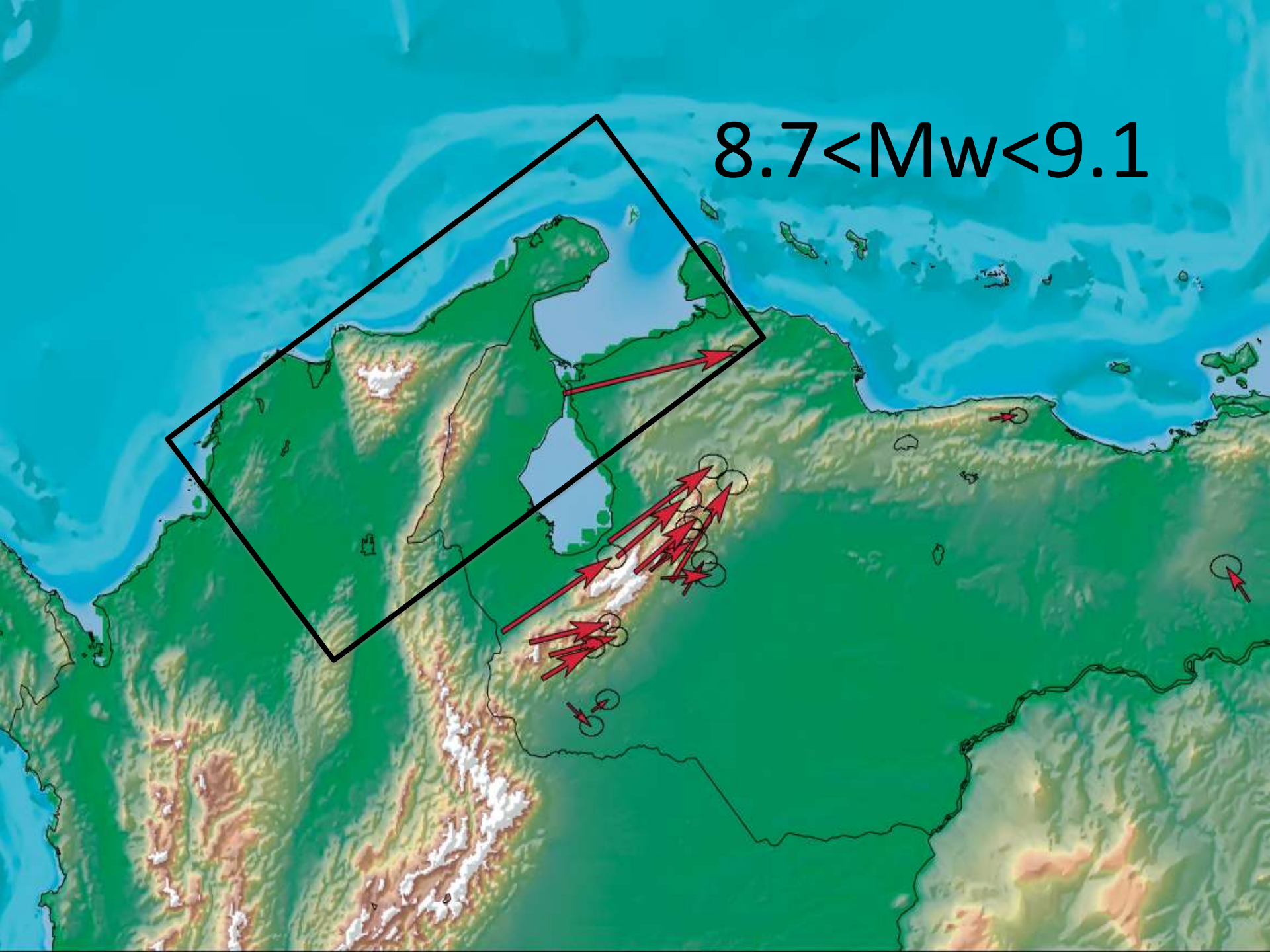


$8.7 < M_w < 9.1$

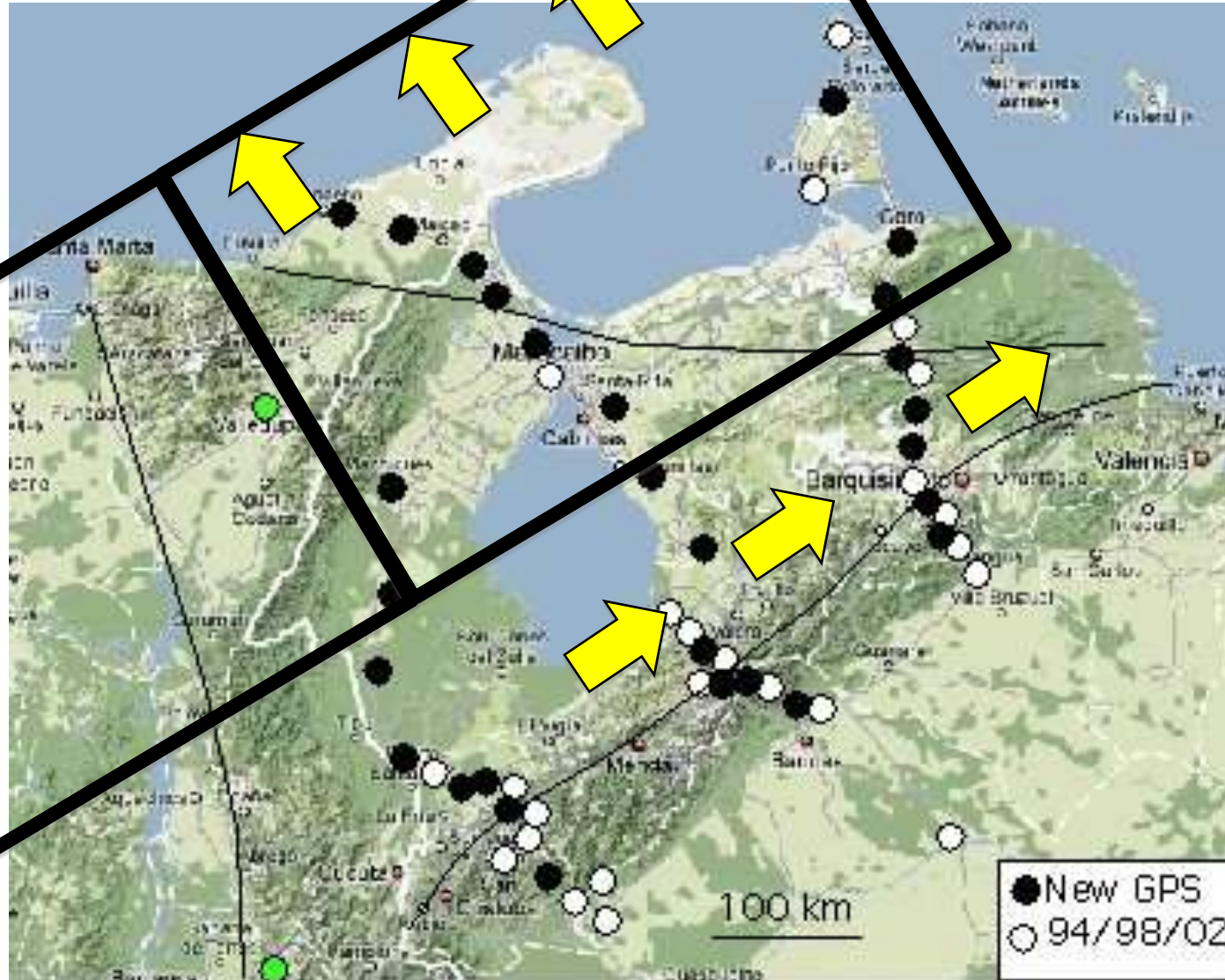


Minimum $M_w = 8.7$, 300 km x 200 km x 6 m slip
(no slip since 1492)

$M_w = 8.7$

$M_w = 8.7$

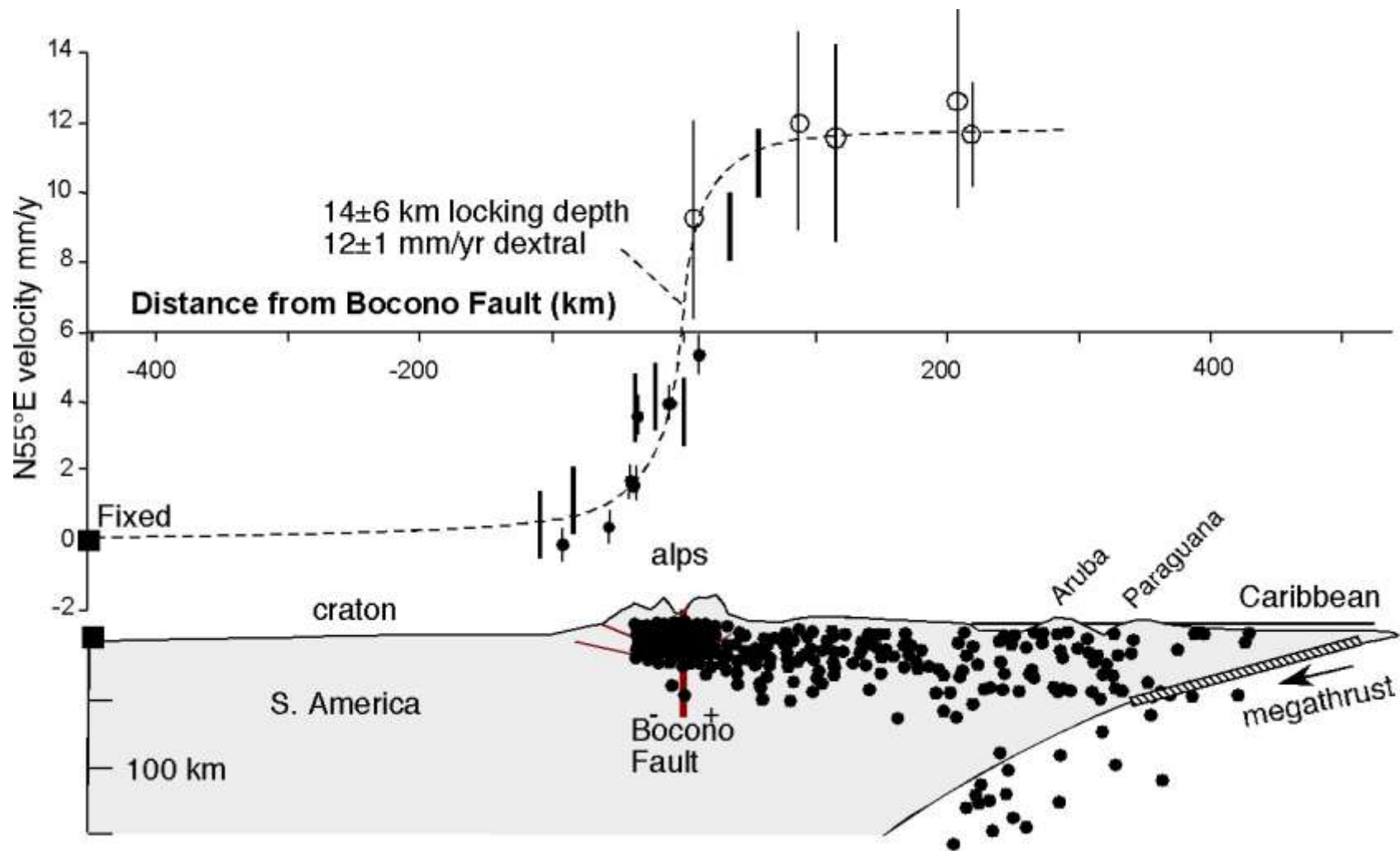
$M_w = 8.9$ if 14 m slip
 $9.1 < M_w < 9.1$
if both segments slip

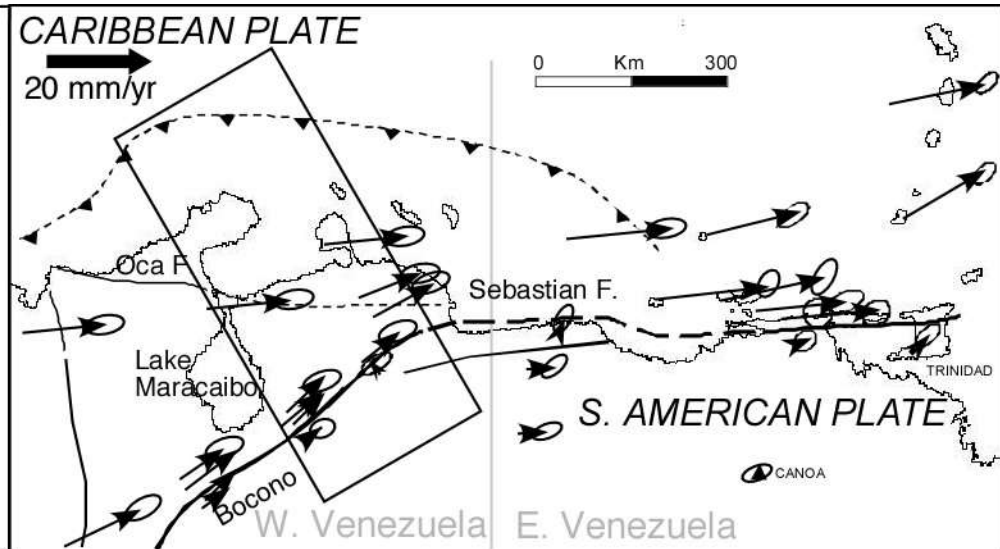
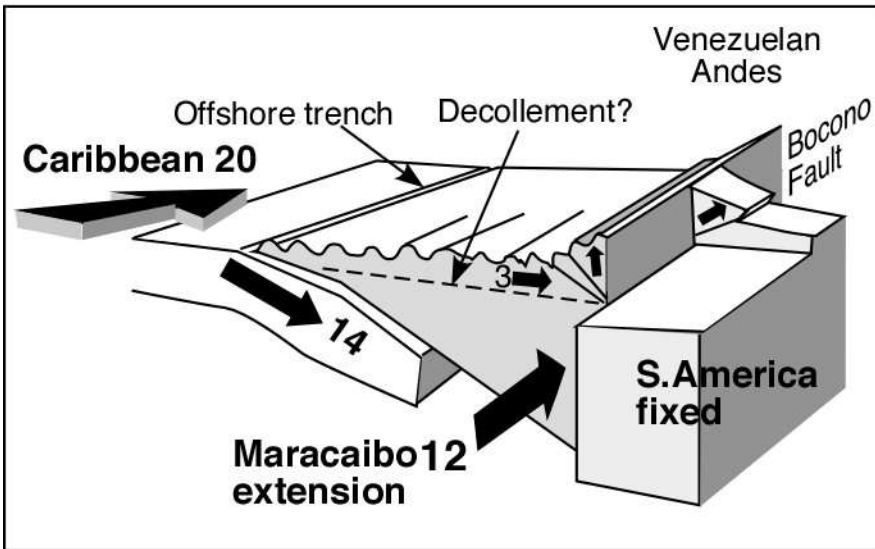


● New GPS
○ 94/98/02

SOUTH EAST

NORTH WEST





Laminated décollement at 10 km
 Source B Subduction zone 5-40 km
 300km x 200 km
 600 km x 200 km
 600 km x 300 km

4 < Mw < 6
 Mw = 8.7
 Mw = 8.7
 Mw = 9.1
 Mw = 9.2

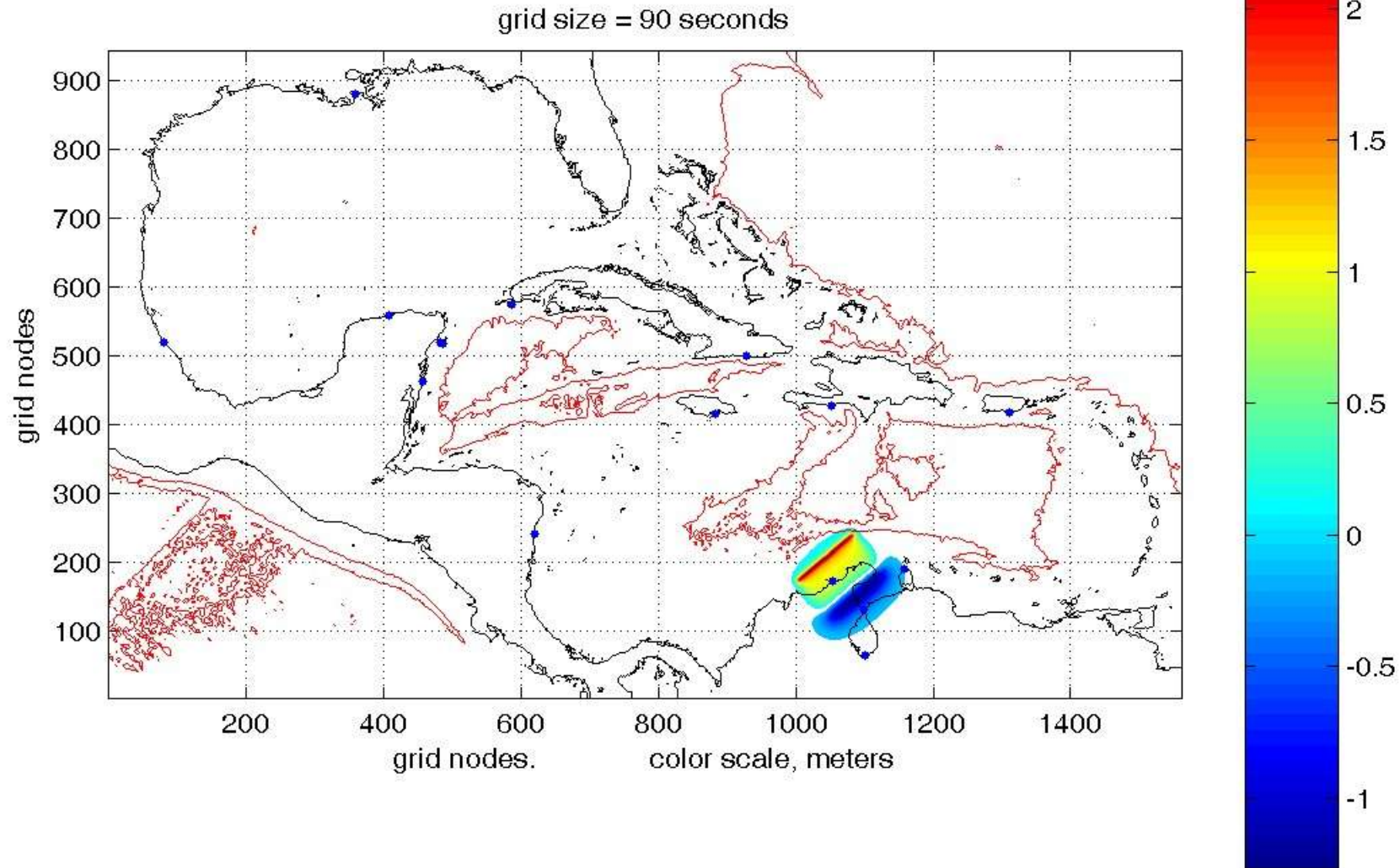
creep ?
 6 m @ 500 years
 14 m @ 1000 years
 14 m @ 1000 years
 20 m @ 1500 years

Fault plane 300km x 200km Strike 50°

Dip angle 10° Rake angle 90°

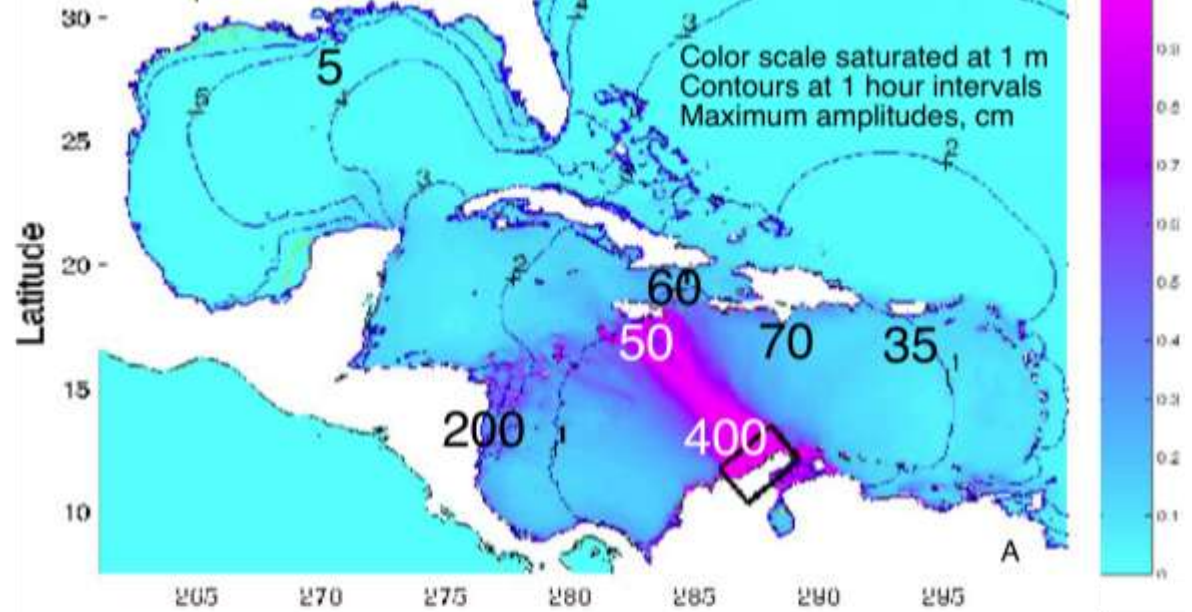
Depth of the shallow edge 10km

Slip 6 m

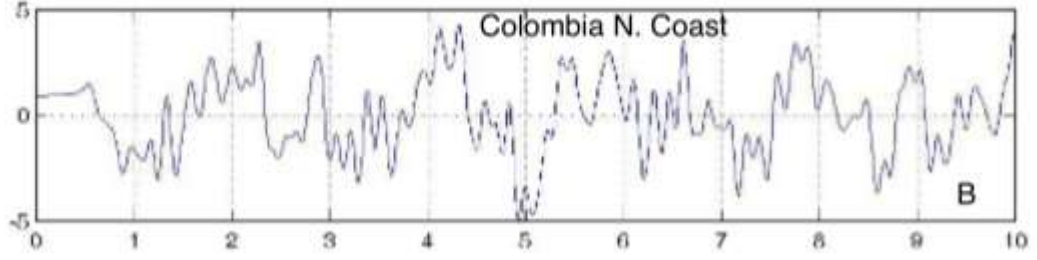


Mw=8.7
(Modesto Ortiz, UNAM)

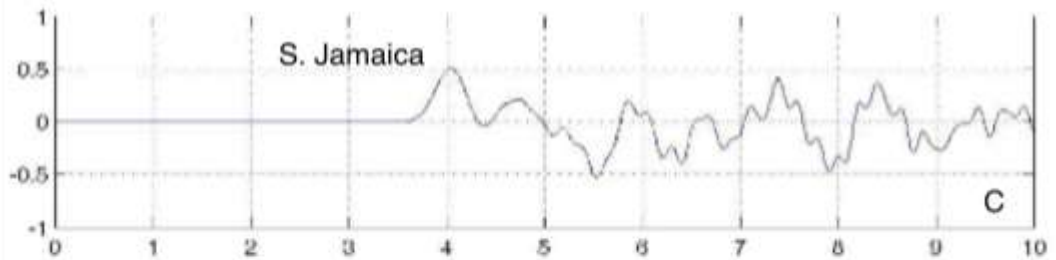
(estimates based on
minimum slip 6 m)



Columbia Coast ± 5 m



Jamaica Coast ± 1 m



Nicaragua ± 2 m

