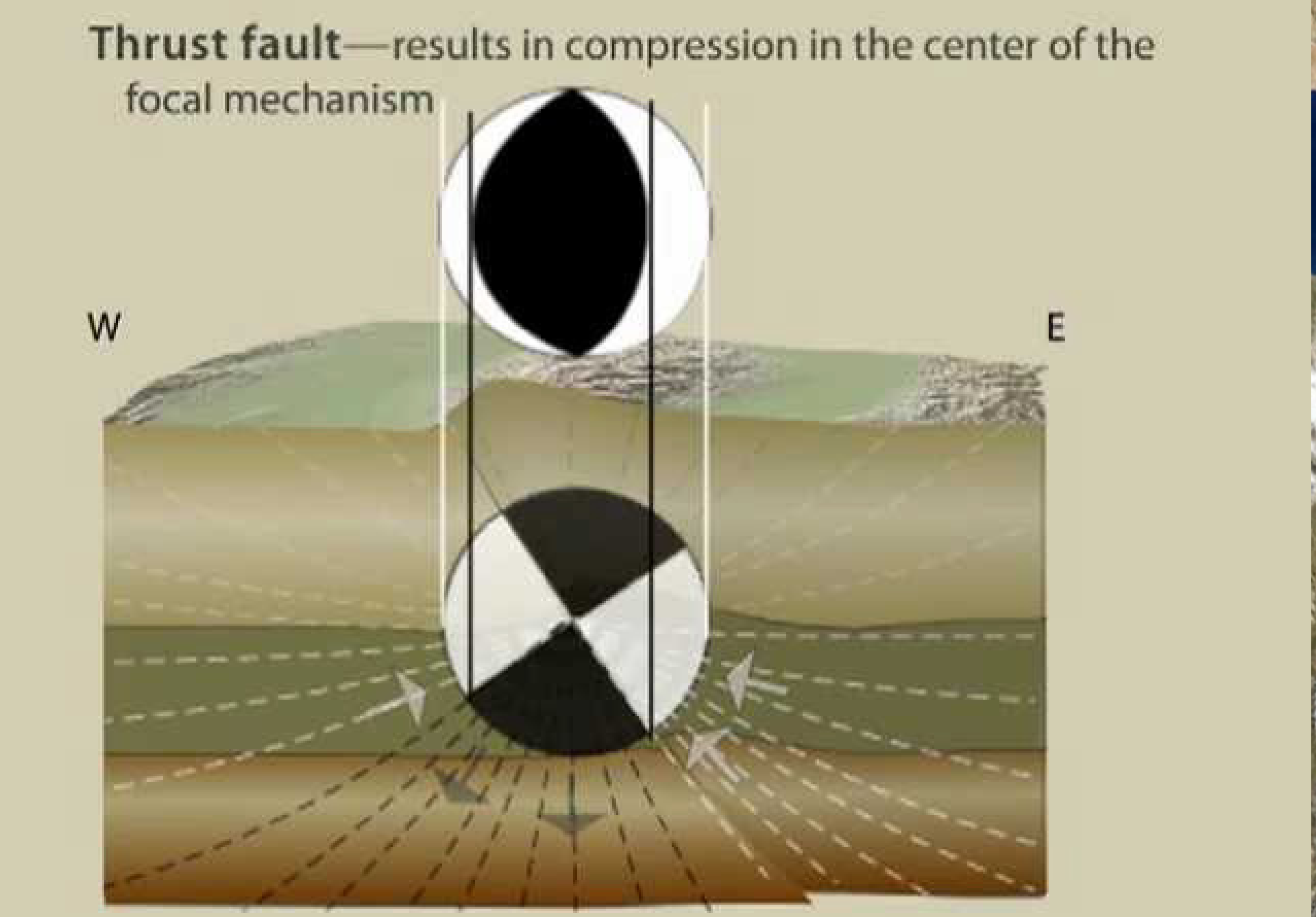Color wrap is 24 cm per fringe.
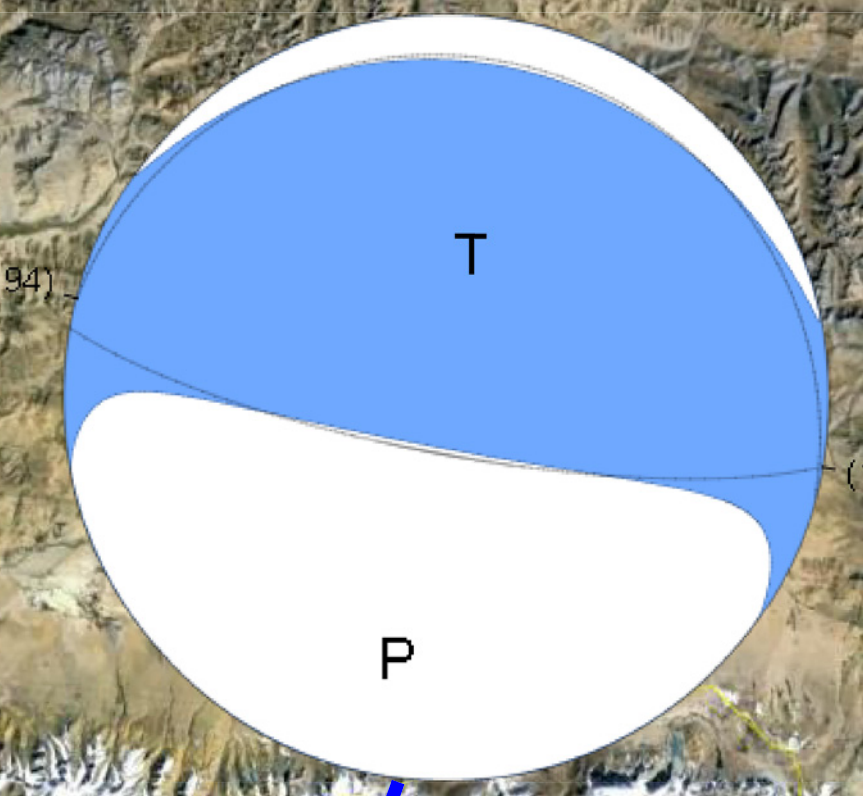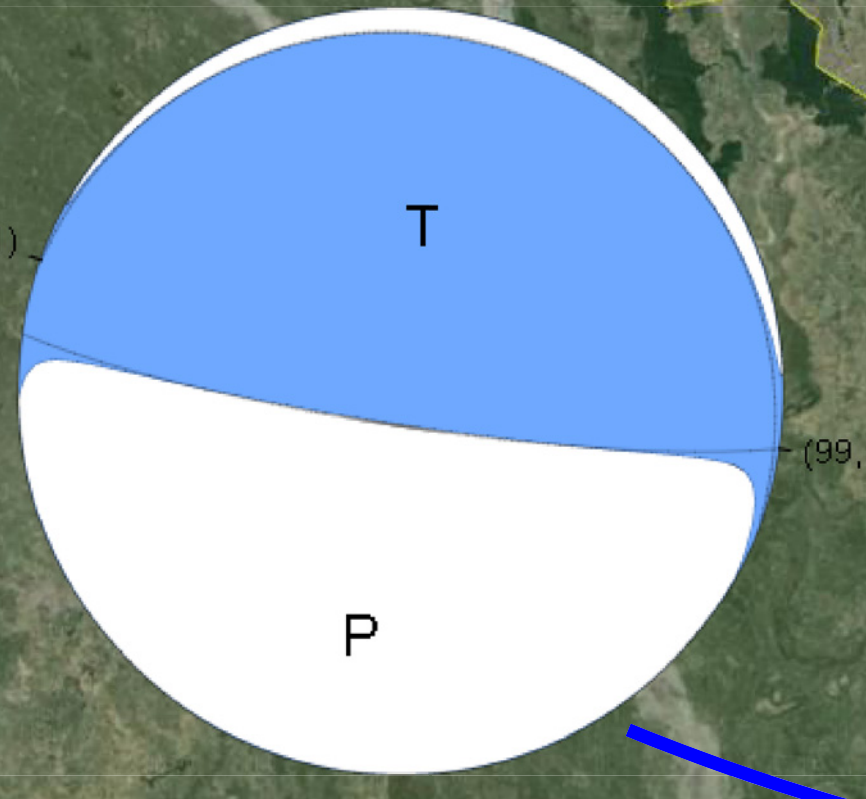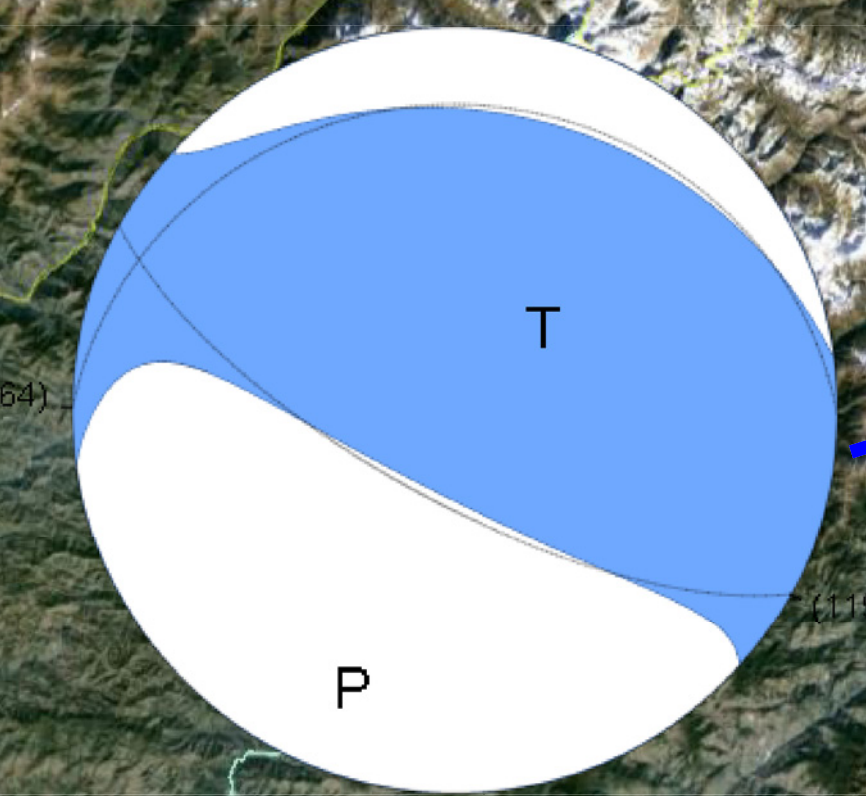
Thrust fault—results in compression in the center of the focal mechanism

W   E

https://youtu.be/MomVOkyDdLo

2015.04.25
Mw 6.6

2015.04.26
Mw 6.7

2015.04.25
Mw 7.8

Nepal

Kathmandu

Thimphu

GGeo
Gateway

From http://geo-gateway.org/main.html

100 km

N
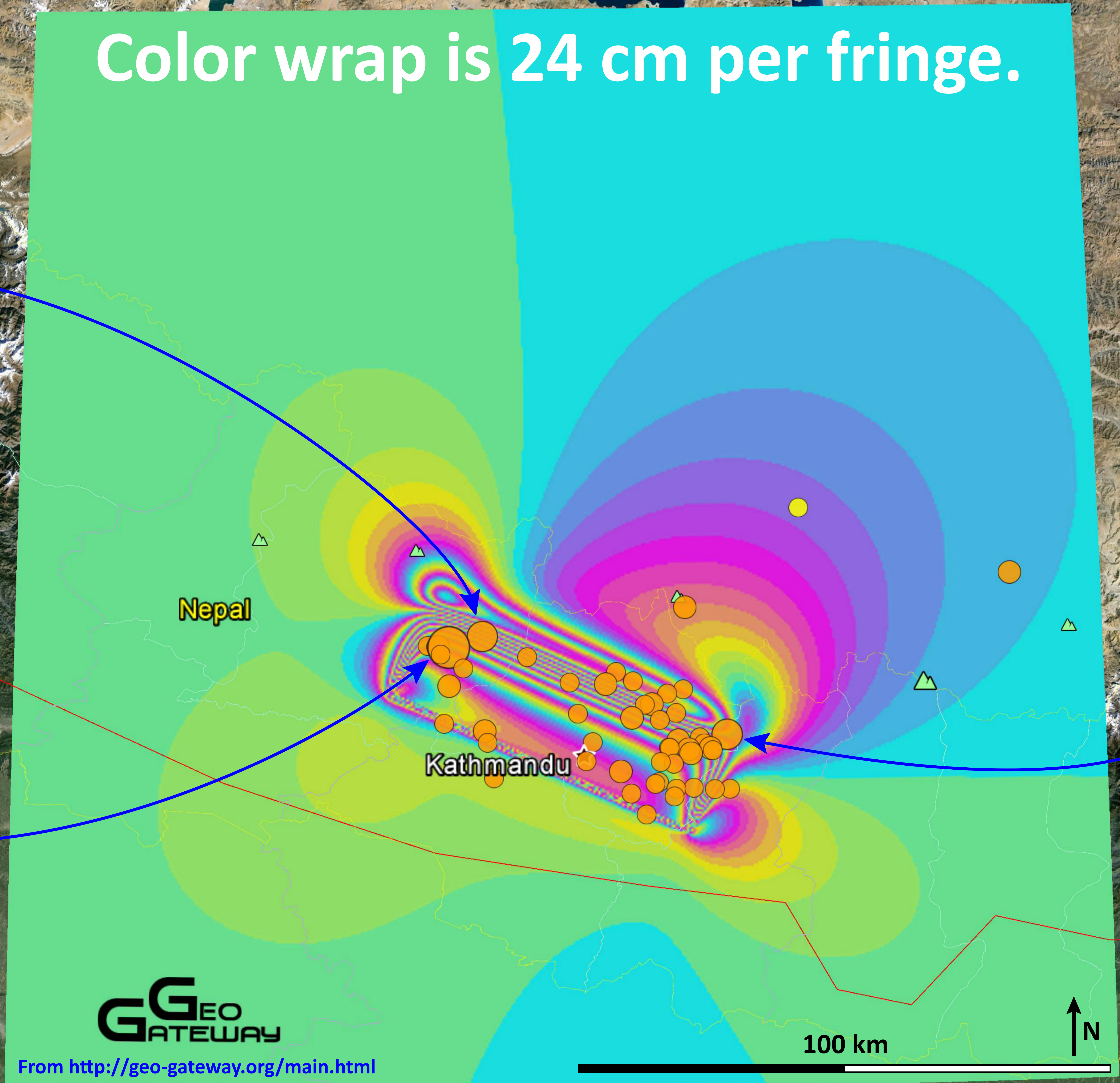
Initial model of the M 7.8 Nepal earthquake as may be seen by an Interferometric Synthetic Aperture (InSAR) space-craft such as Sentinal-1 or ALOS-2 and GPS. The model is based on USGS mechanism of a near horizontal fault and the location of aftershocks. This image shows a synthetic interferogram for a descending pass of −168°, 24 cm wave-length, elevation of 40°. Fault is 11° dip striking 295°. Maximum displacement vector is about 2.3 m.

updated 2015.04.27