

East component of phase gradient for Hector Mine 7.1 M Earthquake.

red - gps locations

blue - 1/2 degree ticks (mapped into radar co-ordinates)

yellow - 1/8 degree ticks (mapped into radar co-ordinates)

green - faults mapped prior to earthquake

Synthetic Aperture Radar data are from the European Space Agency Satellite ERS-2 satellite.

Data were acquired at Scripps Institution of Oceanography/IGPP on 20 October. Real-

Time Orbits were provided by Delft University and the ground station was

built by SeaSpace Co. and SIO.