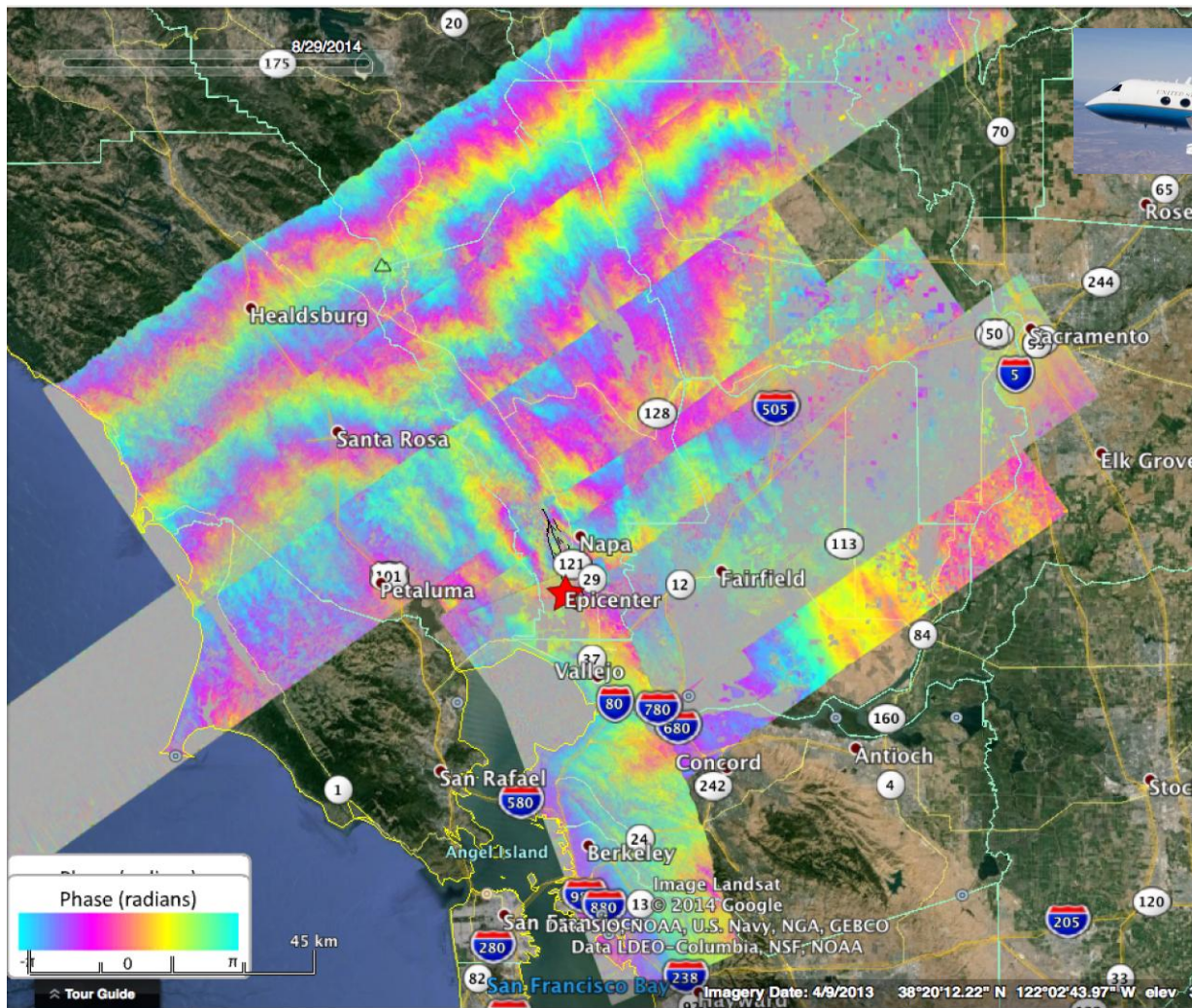


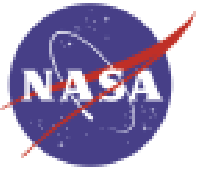
# NASA UAVSAR Response to the Napa Earthquake

L-Band (24 cm/9.4 in) Synthetic Aperture Radar



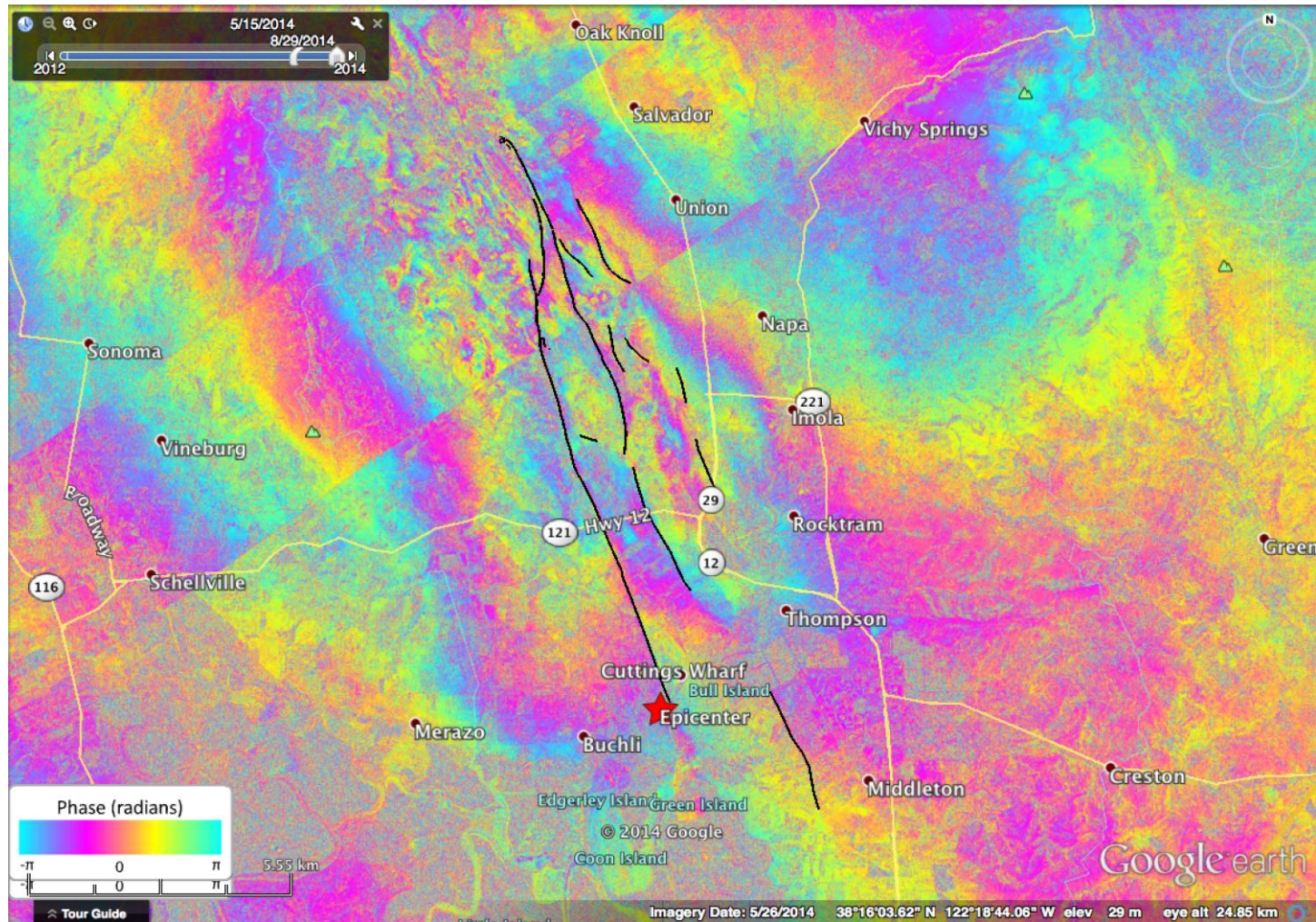
*NASA UAVSAR has proactively and systematically collect data along the tectonic and volcanic active regions of the western United States*





# NASA UAVSAR Response to the Napa Earthquake

L-Band (24 cm/9.4 in) Synthetic Aperture Radar



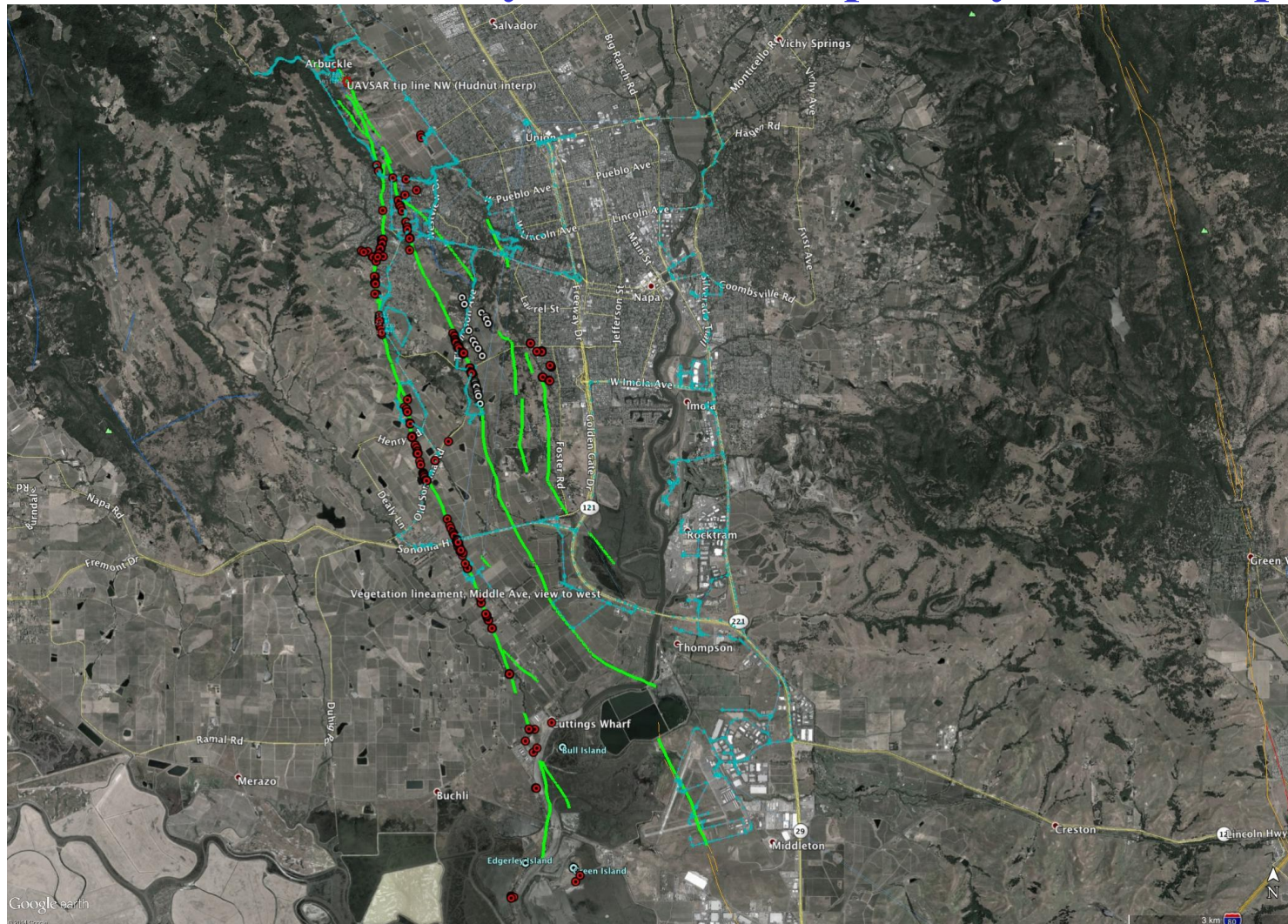
Fault trace interpretation from Dr. Dan Ponti USGS

*Linear features in the interferogram have been identified, mapped and sent to scientists, engineers, and public authorities in the field*





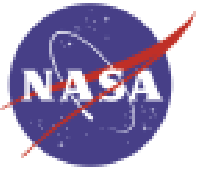
# The Napa earthquake may have the most comprehensively mapped surface deformation pattern for a M6 earthquake with UAVSAR's ability to measure spatially varied slip



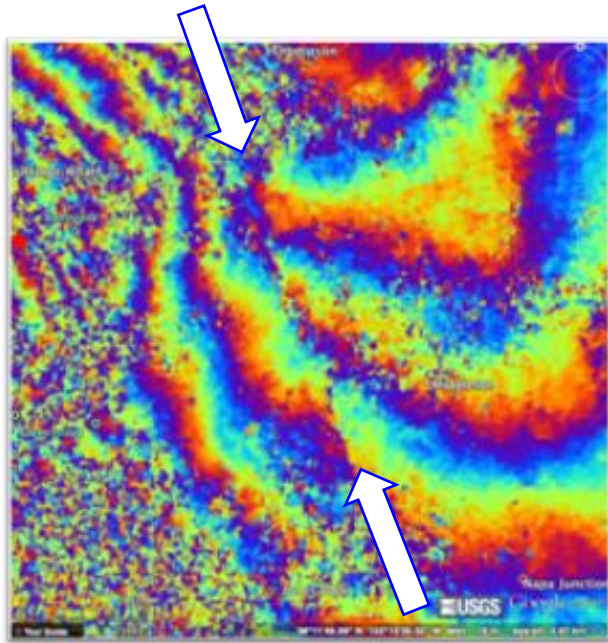
*Excellent agreement with UAVSAR (green lines) and field (red dots) observations*

Field observations curtsy of Dr. Ken Hudnut USGS





# Cosomo SkyMed Synthetic Aperture Radar Interferogram X-Band



*The fault trace is seen as  
breaks in the InSAR  
fringes*

