Some areas where additional campaign GPS data, filling in between cGPS sites, would be helpful to resolve tectonic problems.
New campaign data are already available from San Bernardino Mtns and Joshua Tree National Park, but still need to fill in the gap between these two networks to resolve tectonic issues related to the San Andreas fault in San Gorgonio Pass.
There are plenty of sites with a few prior observations in the SCEC database (purple dots) that could be reoccupied. There are also existing benchmarks with no prior observations that are in locations that fill in gaps (green dots).
Existing velocities are sparse around the eastern Garlock fault. New campaign data may help to resolve discrepancies between geologic and geodetic slip rates.
Eastern Garlock: now adding sites with one or more prior campaign observations
Eastern Garlock: blue dots show 5 sites with new observations by CSUSB in 2011 to add to the prior observations.