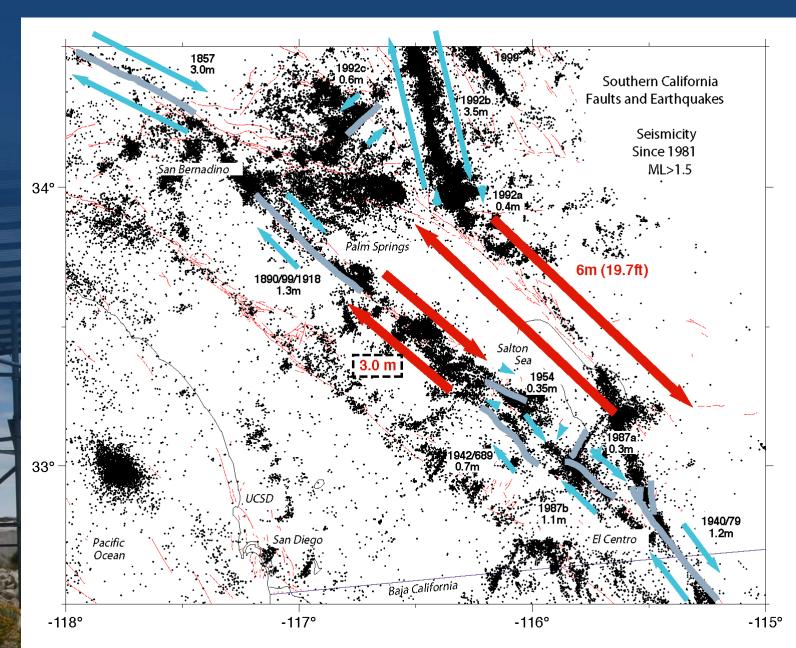


Historical seismicity and Slip Deficits







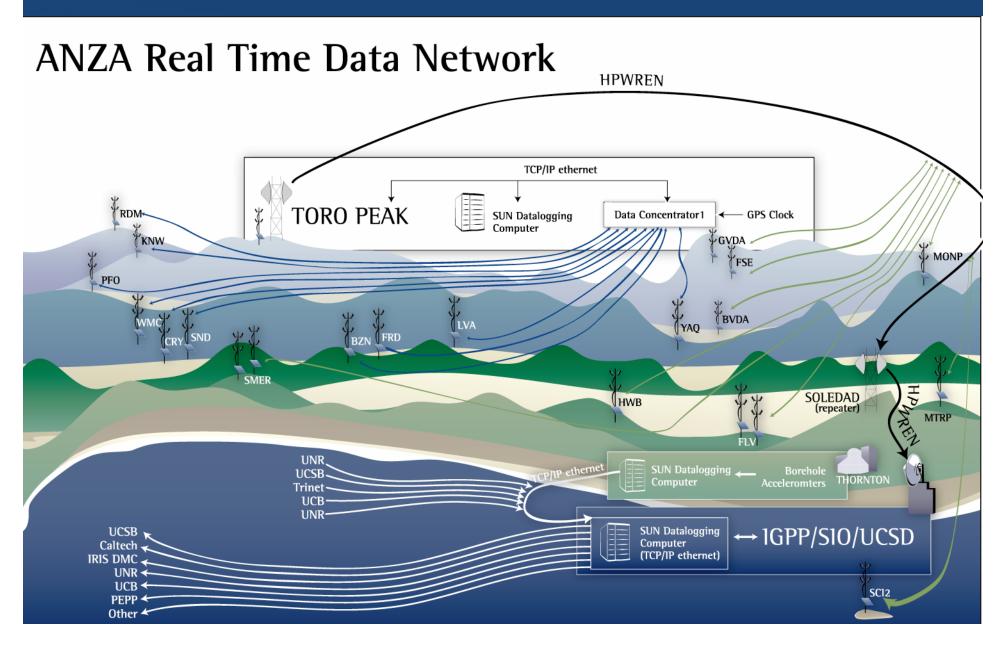
ANZA Data Exchange

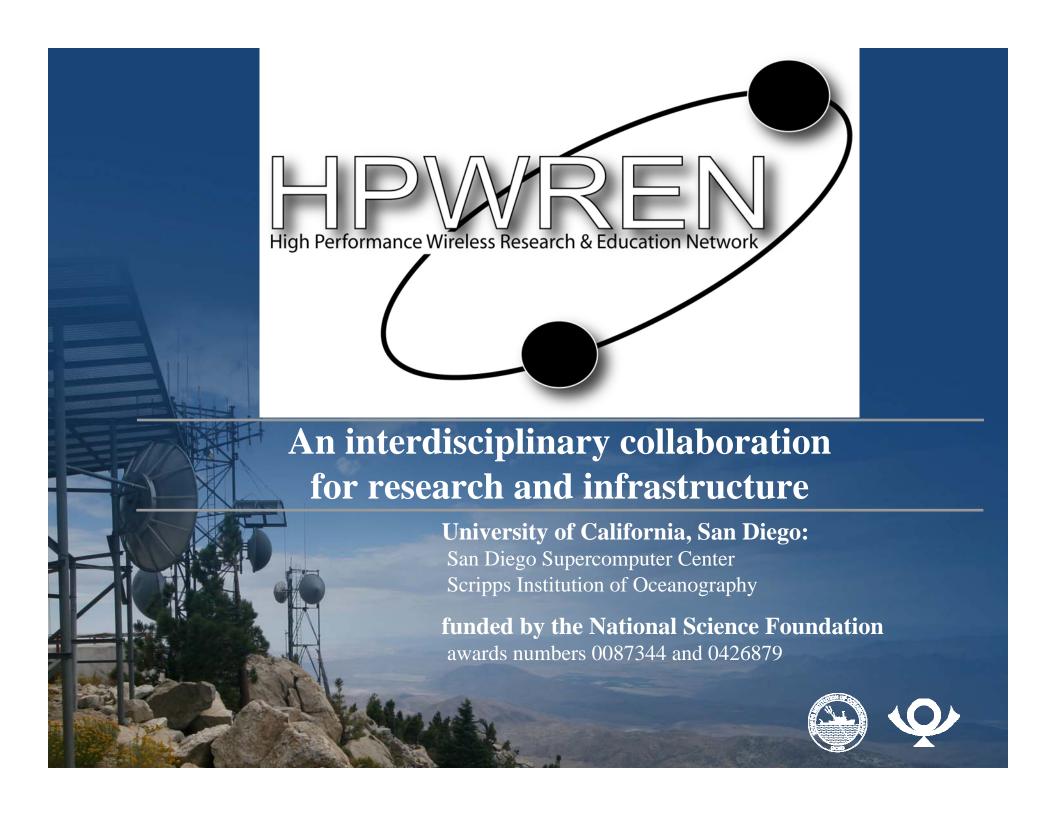
- Import
 - SCSN
 - UCSB
 - PBO
- Export
 - SCSN/CISN/ANSS
 - UCSB
 - USArray
 - IRIS DMC

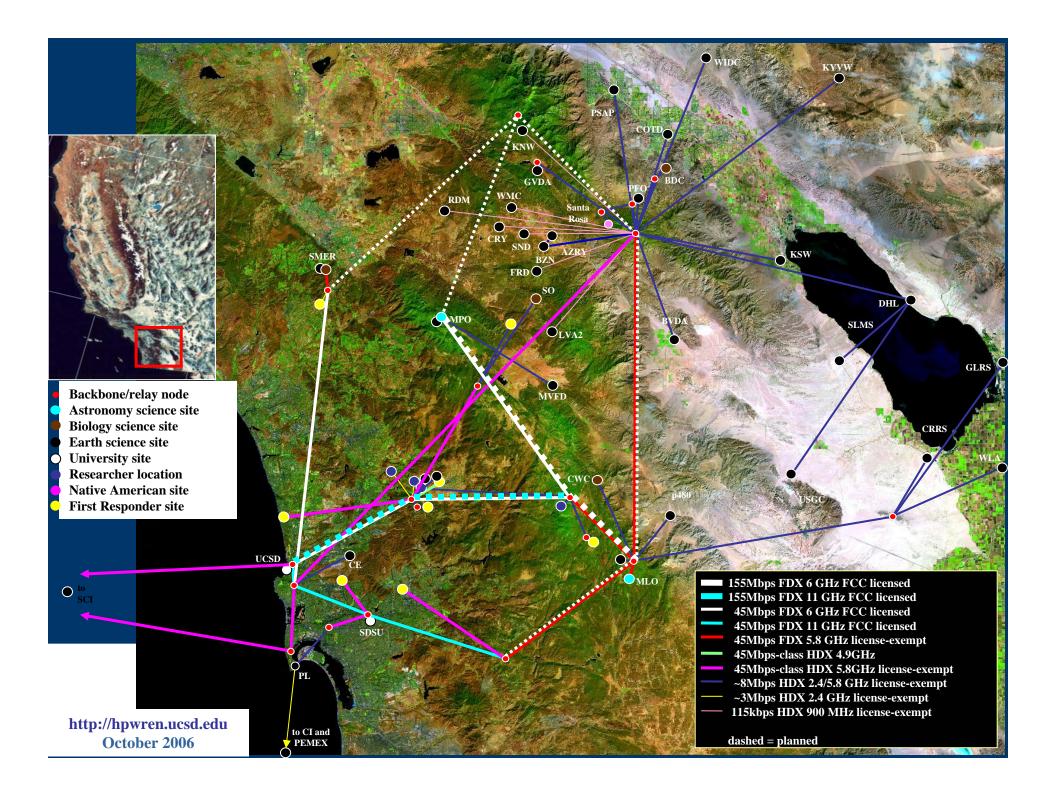




ANZA Network Topology









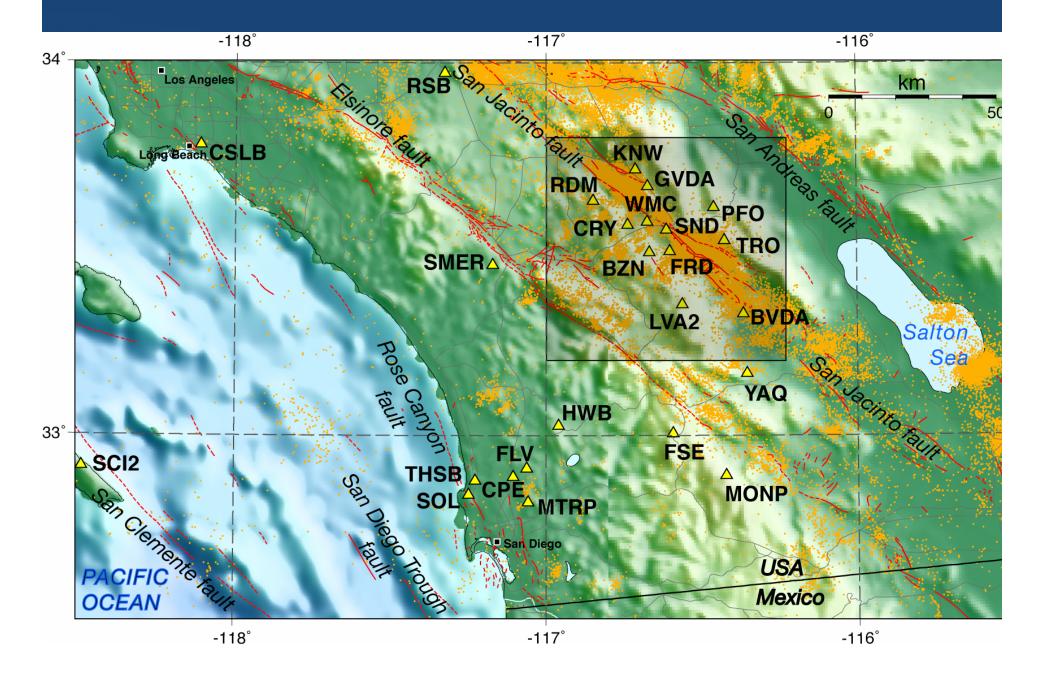
ANZA Performance Metrics

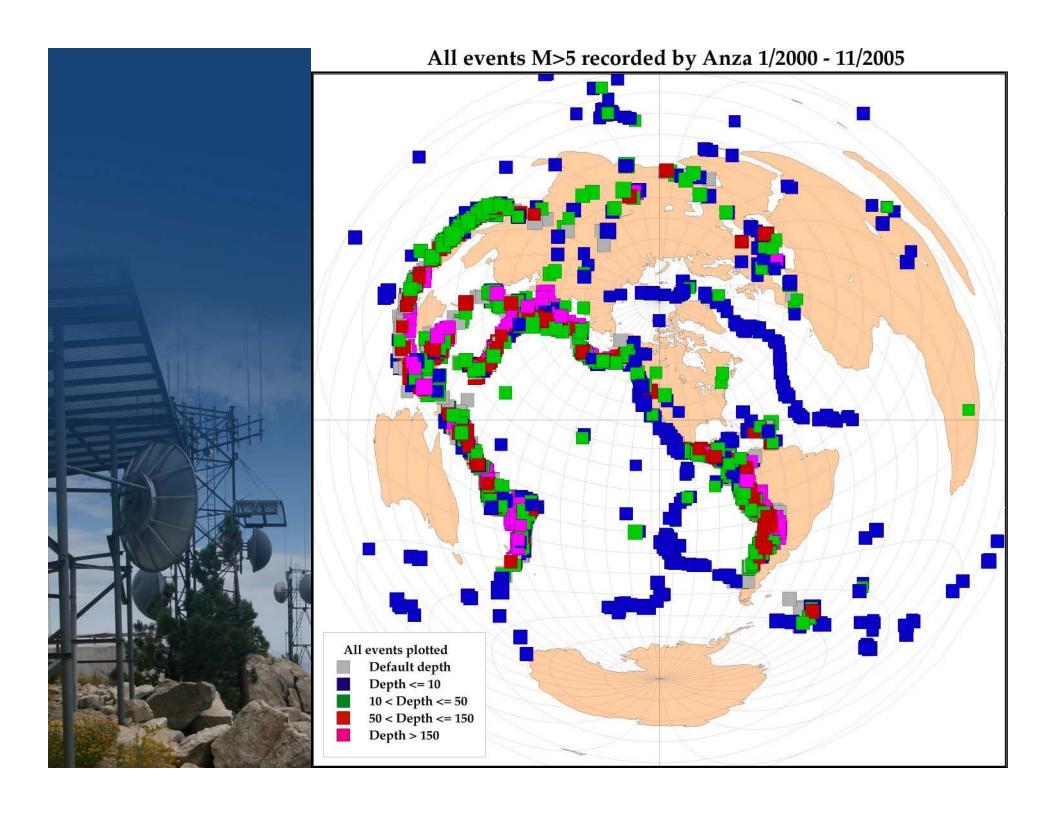
- Network uptime (April 2005 April 2007)
 - 99.7% (Average)
 - 100% (Monthly Median)
- Network Data Return
 - 97.5% (Average)
 - 99.3% (Station Median)
- Network Latency
 - 98.92% packets less than 10 seconds
 - 99.69% packets less than 60 seconds
- Magnitude Completeness
 - 1.6 Ml Whole network
 - 0.5 Ml Anza gap





ANZA Network







ANZA Data Uses

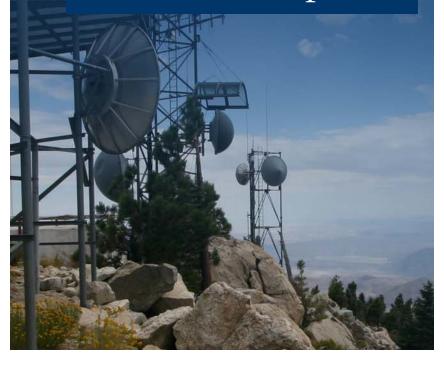
- Monitoring
 - Locations
 - Magnitudes
 - Real time data delivery
 - Information to public
- Earthquake Science
 - Source parameters
 - High frequency spectral characteristics
 - Empirical Greens functions
 - Scaling and self-simularity
 - Attenuation and scattering
 - Temporal evolution of aftershocks
 - Remote triggering

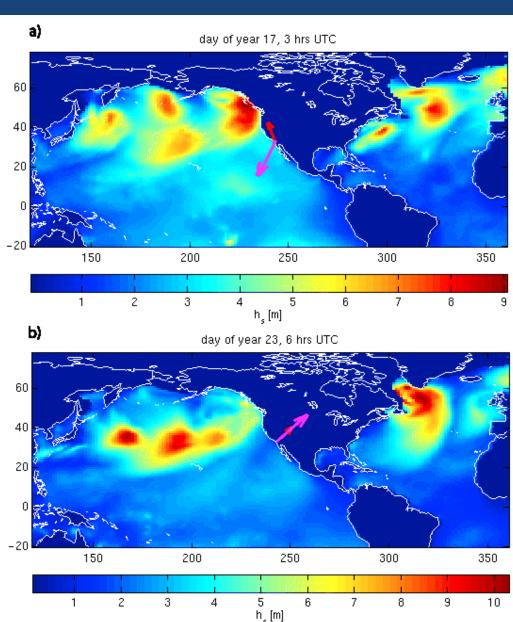




Array studies of microseisms

- Slant stack beamforming
- 7 second peak
- 14 second peak

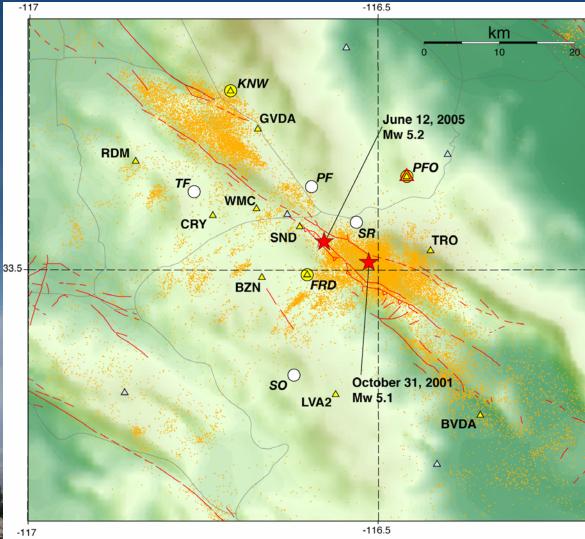




ANZA and PBO borehole strain and seismic stations

- $M \sim 5$ events are red stars
- Seismicity are orange dots
- ANZA stations are yellow triangles
- PBO stations are circles





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