

An interdisciplinary collaboration for research and infrastructure

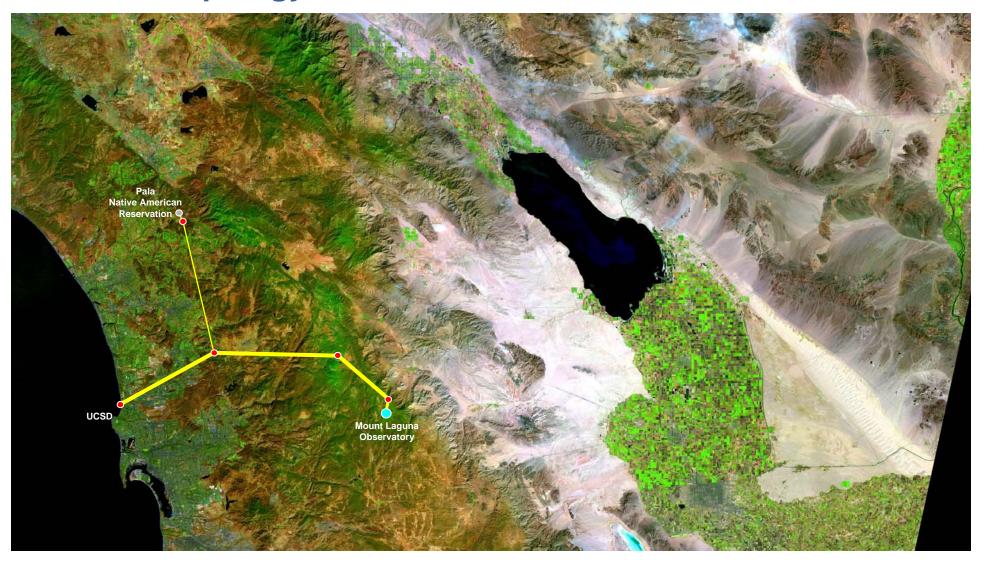
University of California, San Diego:

San Diego Supercomputer Center Scripps Institution of Oceanography

funded by the National Science Foundation

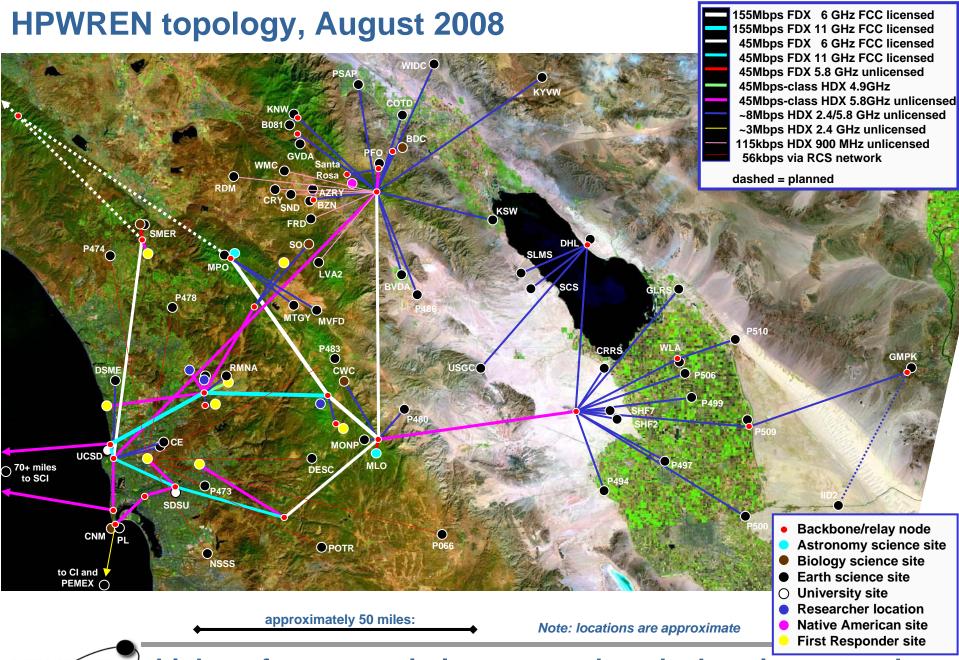
awards numbers 0087344 and 0426879

HPWREN topology, December 2000



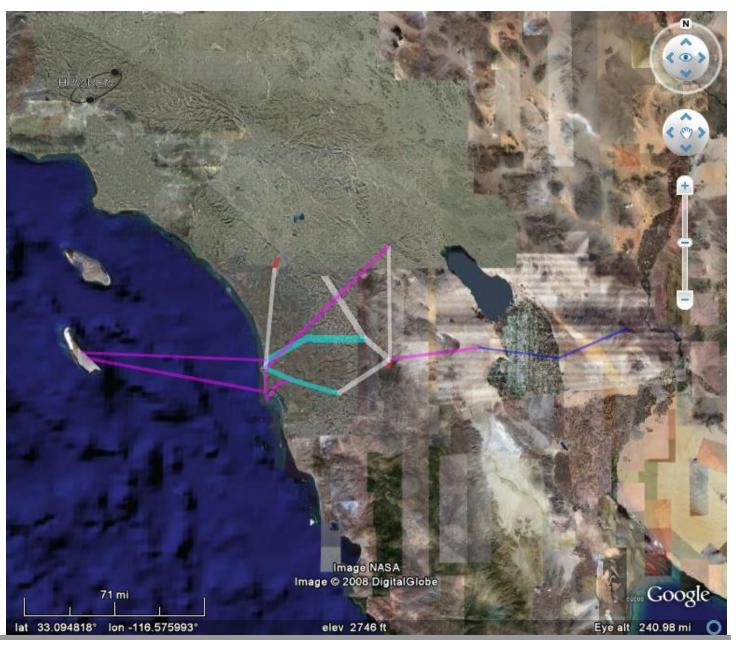
approximately 50 miles:







Topo





Some significant activities since last year's meeting

- All primary HPWREN backbone links are FCC-licensed now!
- High-traffic path upgraded from 45Mbps to 155Mbps
- Palomar Observatory (Caltech) paid for their 155Mbps access link
- Progress made via another backup link, via Santiago Peak
- Implementation of QoS and PBR
- Created ~6 minute HPWREN High Definition video for NSF in March
- Progress on Live Virtual Interactive Explorations, distance education
- Deployment of two inexpensive acoustics sensors (SMER and CNM)
- High resolution and collated images at CNM
- NPS Technology Transfer Workshop



Funding

- Current award originally expired by the end of September 2008
- Currently in a no-cost extension for up to a year
- Probably have enough leftover funds until September/October 2009 or so
- Submitted an HPWREN-upkeep follow-on proposal -- many HPWREN partners helped with material for the proposal
- May know more in a few weeks
- Need NSF or other funding agencies to hear from HPWREN collaborators
- Please help by contributing HPWREN news updates and telling NSF that this cyberinfrastructure is useful and needed

