
San Diego State University
College of Sciences
Field Stations Program

San Diego State University ★
Properties in Field Station Programs



Produced by
Jeffrey T. Iles
September 20, 1999



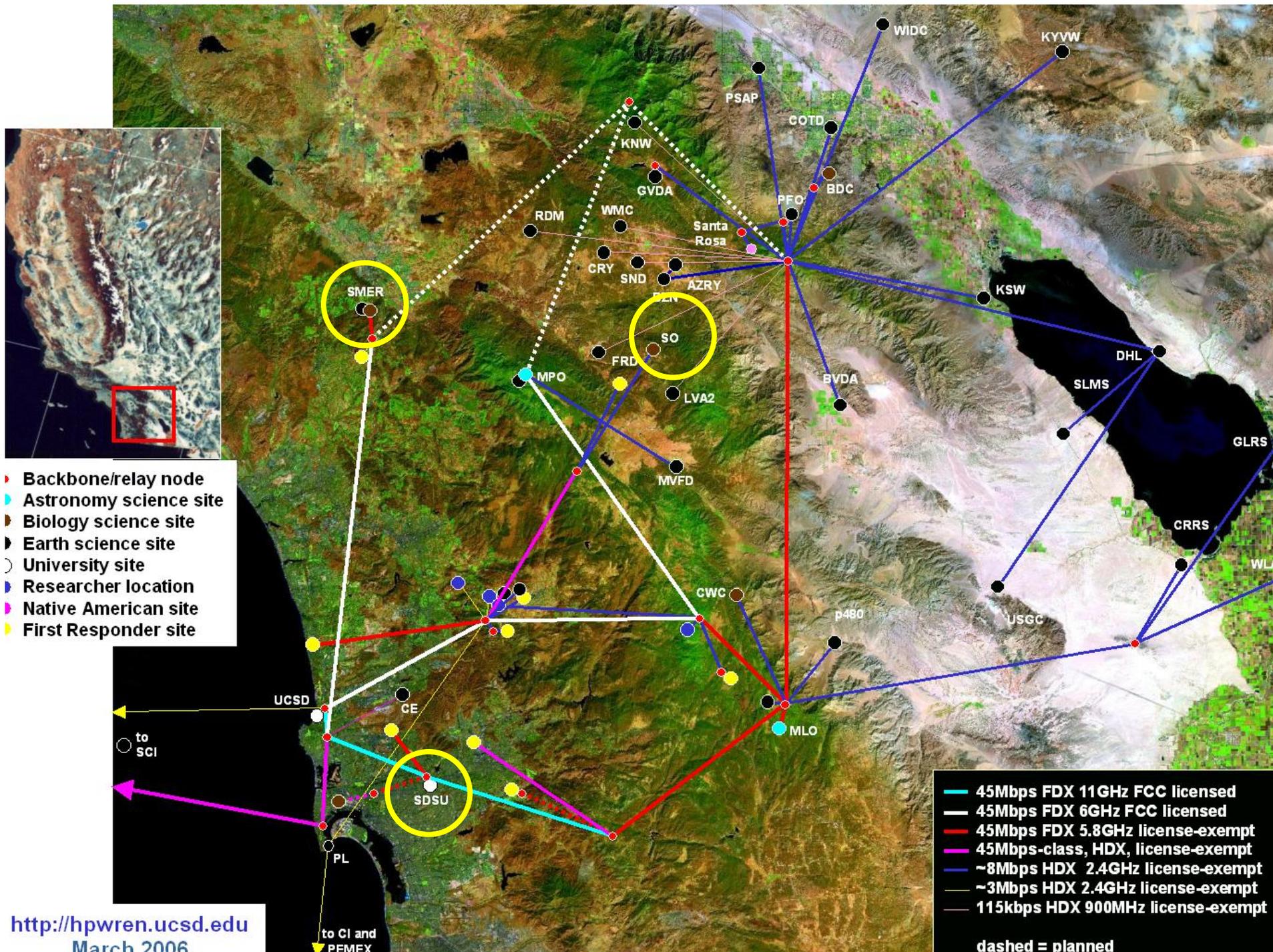
Field Stations
College of Sciences

- Field Stations
- Major freeways
- Streams
- County lines
- International boundary



SDSU's Field Station Locations in San Diego County

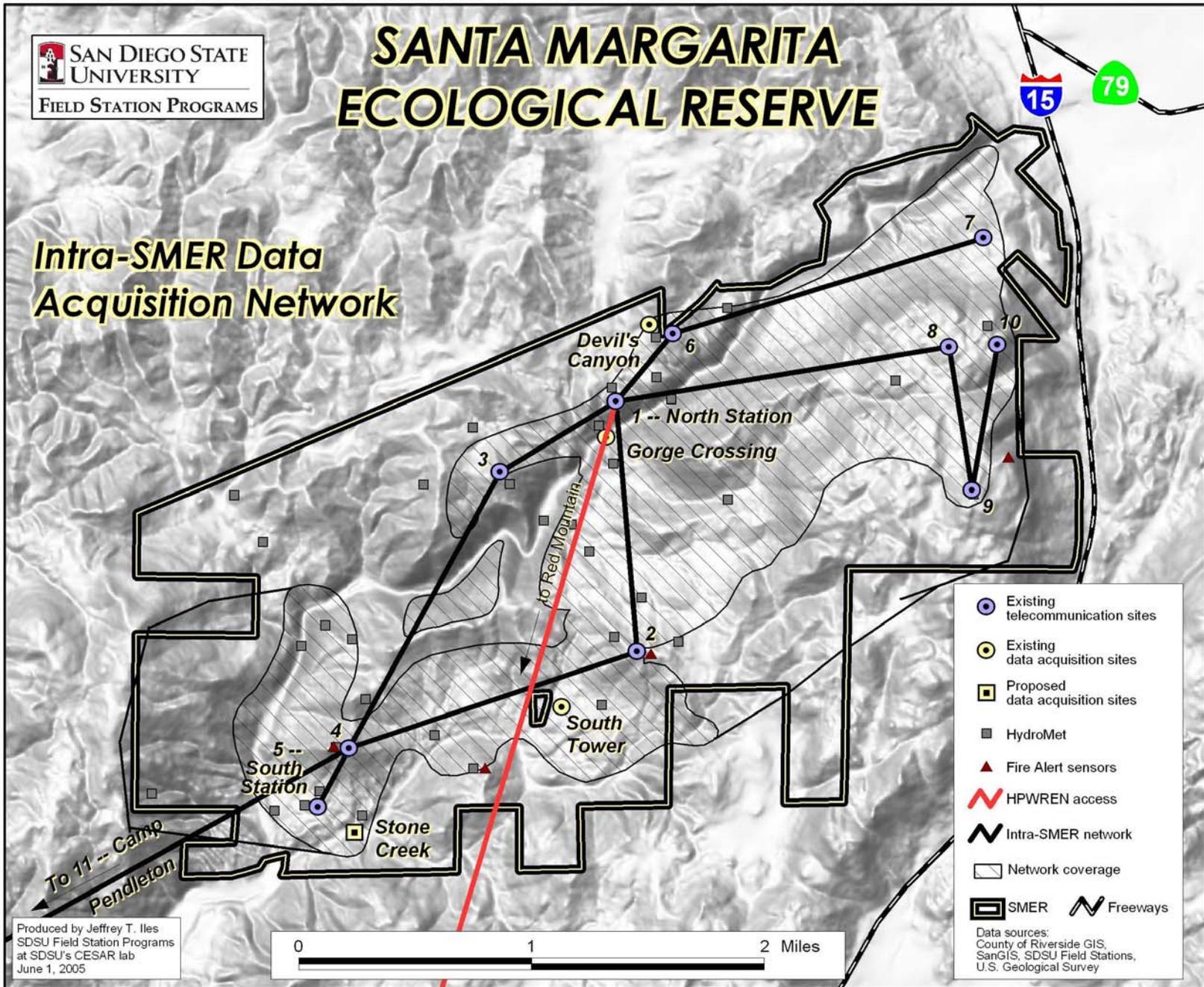
- Santa Margarita Ecological Reserve
- Sky Oaks Field Station
- Tijuana Estuary Reserve
- Fortuna Mountain



<http://hpwren.ucsd.edu>
 March 2006

SANTA MARGARITA ECOLOGICAL RESERVE

Intra-SMER Data Acquisition Network



Distance Learning

Using off the shelf equipment and free software to
conduct interpretative learning from
remote areas through the Internet.

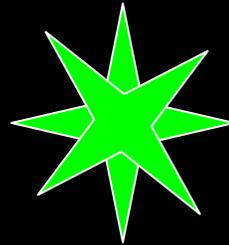
- Laptop
- DV Camcorder
- Orangeware
- Skype
- Internet Connection

Learn more at our website under
“Stories From The Field”
<http://fs.sdsu.edu/kf/>

Mission Vista Dual Magnet High School



Arts
&
Communication



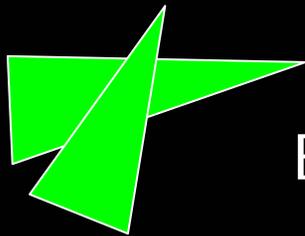
Science
&
Technology



Mission Vista Today

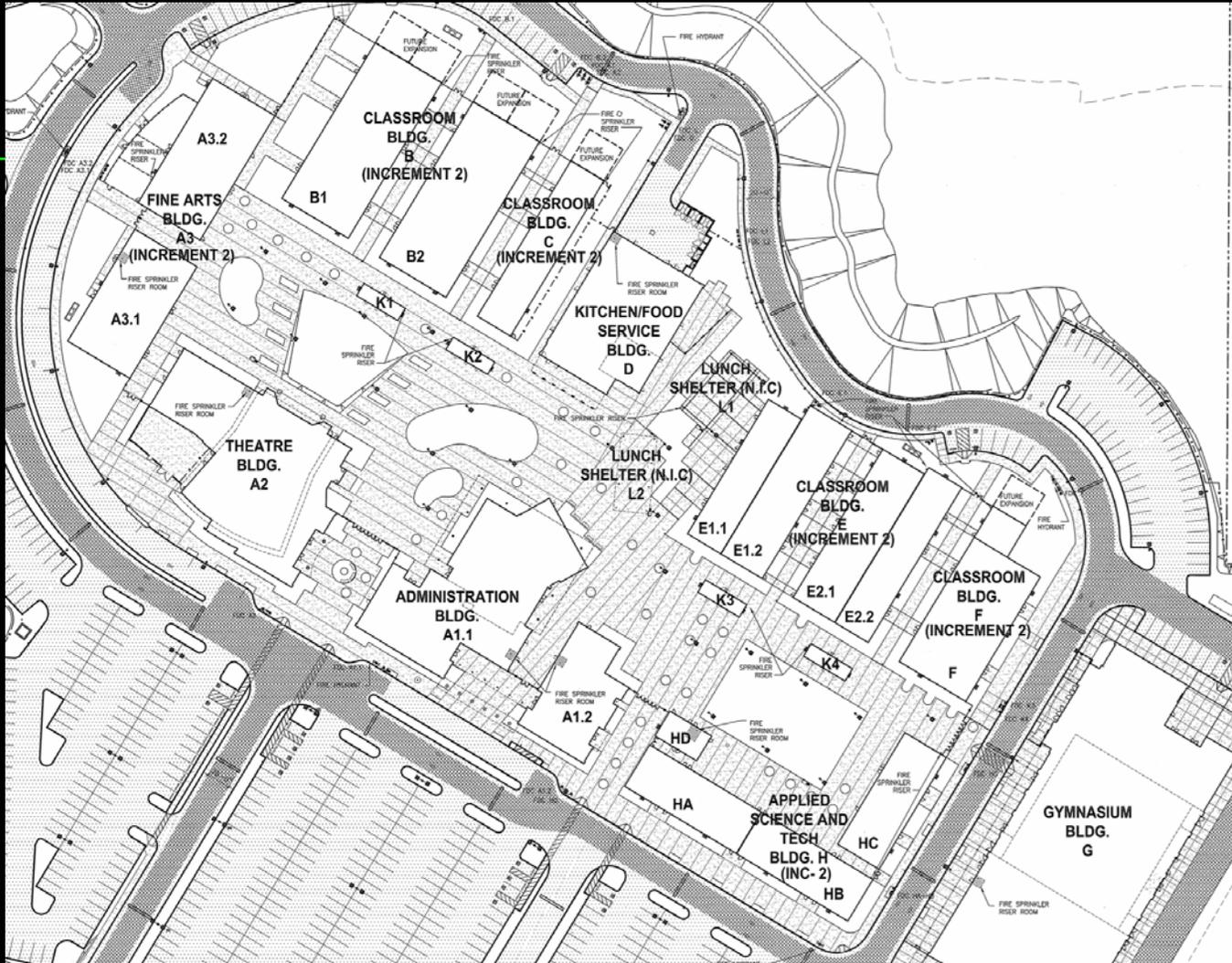


Mission Vista Tomorrow

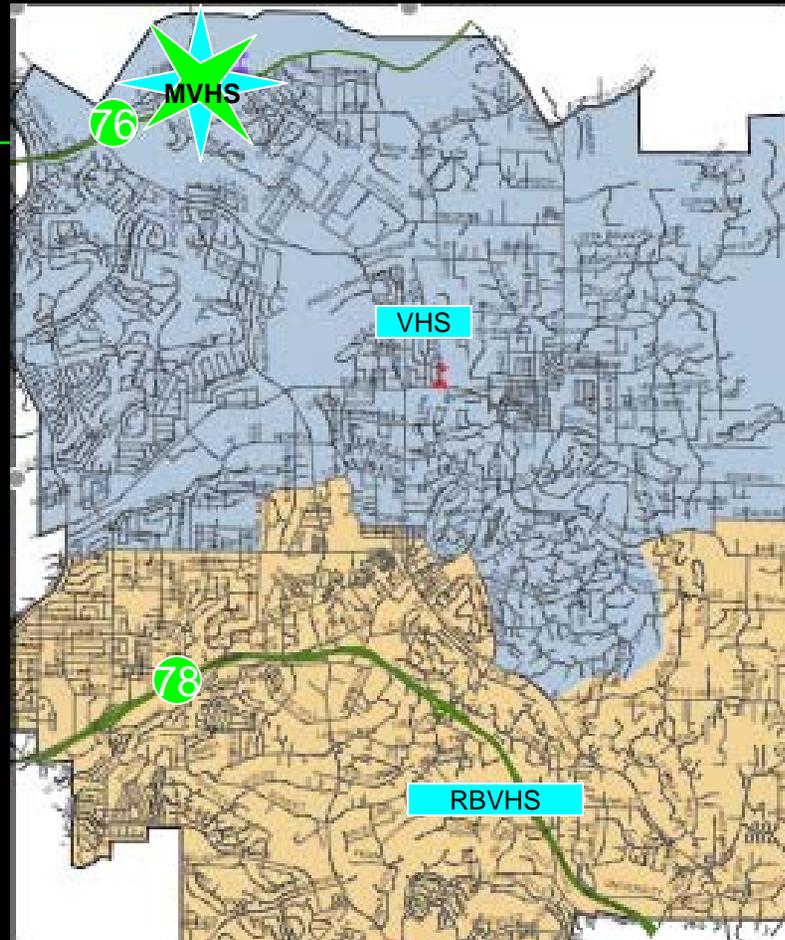


Estimated Completion Date: August 2009

Mission Vista Plans



Where is Mission Vista High School?



Located at the intersection of Melrose and the 76 Highway.



Mission Vista

Founding Faculty



■ Rodney Goldenberg,
Principal



■ Anne Fennell



■ Carol Jones



■ Steve Post



■ Jeannette Gojny



■ Dara Rosen

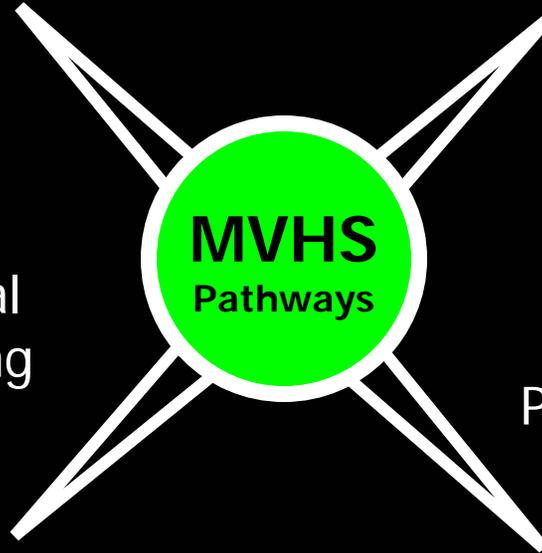
What is a Dual Magnet School?

Two pathways of course offerings that equip students for future college and career pursuits.



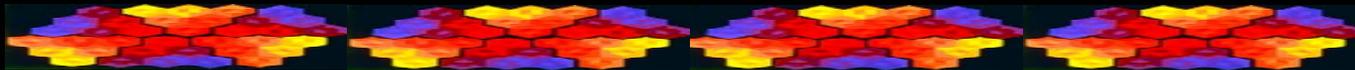
Arts and Communications

A pathway designed for students interested in exploring careers in digital and visual arts, performing arts, design, music composition and other creative pursuits.

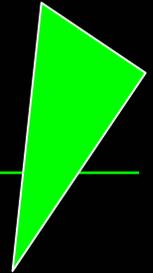


Science and Technology

A pathway designed for students interested in the biomedical sciences, engineering, Earth, Physical and Life sciences, and emerging technology.



Mission Vista Core Classes and Beyond



Main Body of Classes:
All levels of English,
History, Science and Math
including Honors and AP

Sciences

Advisory

Innovations

In-Depth Studies



The Arts

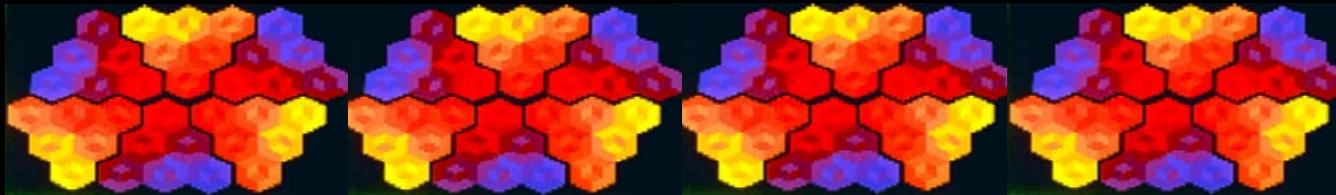
Languages

Technology

Career Tech Prep

How Is Mission Vista Different?

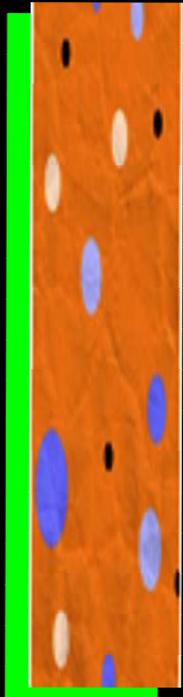
- Technology and Arts integration across and throughout the school-wide curriculum
- 4 by 4 Schedule
 - Students attend four - 90-minute classes each day for 1 Term
 - 1 term is 18 weeks long
 - Students will take four classes the 1st Term & four different classes the 2nd Term



Why the 4 by 4?

- Students will

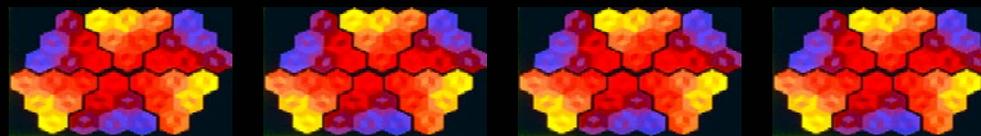
- focus on only four classes for an in-depth, 18-week term
- have opportunities to take more electives
- earn up to 20 more credits per academic year
- benefit from the Advisory period



Mission Vista

Career and Community

- Students will
 - Team with universities and businesses
 - Create partnerships and support their career pathways
 - Science & Technology
 - Arts & Communication
- Community Learning Environment
 - Parents are encouraged to be involved with the school and be a part of the culture



Mission Vista

Proposed Learning Schedule

Monday (Late Start)

Period	Start	End
1	8:30	10:00
2	10:05	11:35
Lunch	11:35	12:15
3	12:20	1:50
4	1:55	3:25

Tuesday - Friday

Period	Start	End
1	7:55	9:25
2	9:30	11:00
Advisory	11:05	11:35
Lunch	11:35	12:15
3	12:20	1:50
4	1:55	3:25



Mission Vista

Sample Class Schedule

Term 1

English

Social Studies

P.E.

Innovations in Technology

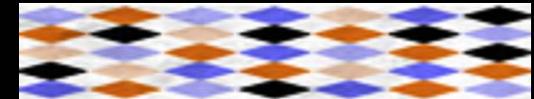
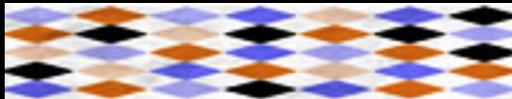
Term 2

Math

Science

International Language

Innovations in the Arts



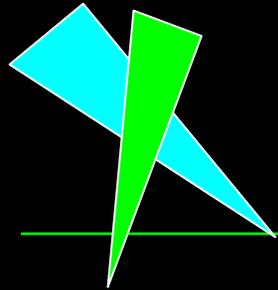


Mission Vista

Advisory Period

- Advisory period Tuesday – Friday
 - Multiple opportunities for support
 - Academic
 - Character Education
 - Personal Connections
 - Career Choices
 - Active, challenging, and engaging
 - Long-term connections between students and teachers



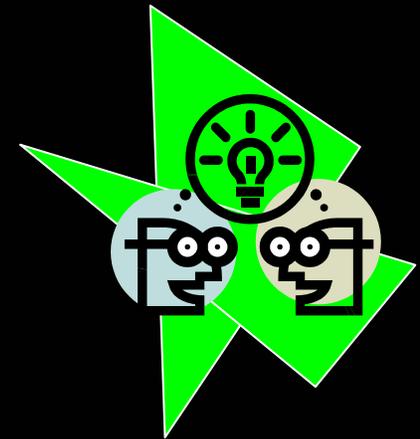


Mission Vista

Innovations Classes

- Innovations in the Arts
- Innovations in Technology

- Create foundation for specialized coursework
- Technology for the 21st century
- Begin developing careers
- Common digital and arts language
- Culminating arts project will incorporate all arts studied
- Students begin digital portfolio in technology class



Mission Vista

Unique Learning Environment

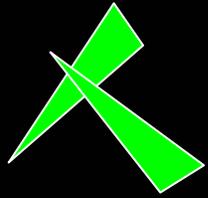
- Project-based curriculum
- Cross-curricular learning
- Common language and skills used in all classes
- Digital portfolio will highlight unique student work throughout High School career
- Advisory period 4 days each week



Mission Vista Athletic Programs

- Growing sports programs dependent upon student interests
- Sports teams in year 1 may include
 - Cross Country Field Hockey
 - Soccer Golf
 - Water Sports Surf Team
- With completion of facilities
 - Basketball Baseball
 - Wrestling Softball
 - Volleyball Track and Field

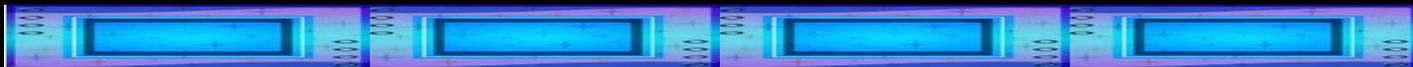


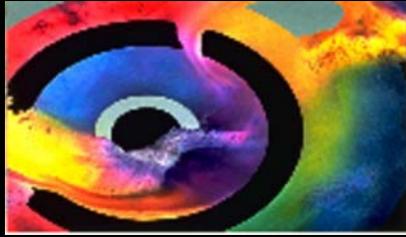


Mission Vista

2009 - 2010

- 9th Graders only
- Small school environment with maximum 500 students
- Students will choose the mascot, school colors, and bring their ideas to the new school
- Leadership opportunities to help create school culture, government, clubs, and dances
- School - wide events: picnics, special trips, community outreach days





Mission Vista

Electives

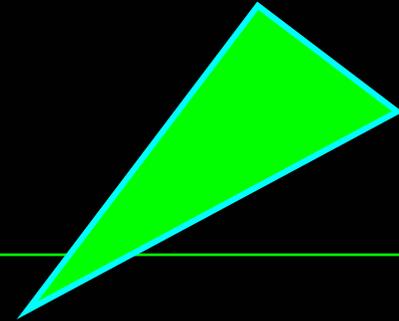


- Innovations in the Arts
- Innovations in Technology
- Music Composition, Theatre, Digital Arts
- International Language
- Engineering & Bio-medical courses (pending approval)



Mission Vista

Keys to Success

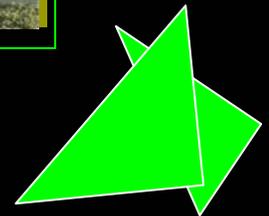


- Loyalty
- Enthusiasm
- Acceptance
- Determination
- Excellence
- Respect
- Service
- Honor
- Innovation
- Personal Best

L. E. A. D. E. R. S. H. I. P.

www.missionvistahs.org

- Apply on-line!
- Stay connected!



www.missionvistahs.org

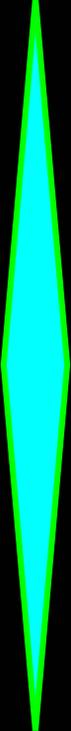
Vision Statement



Mission Vista Dual Magnet High School is a collaborative learning community that cultivates innovative thinkers equipped with the keys necessary to open gateways to their future.

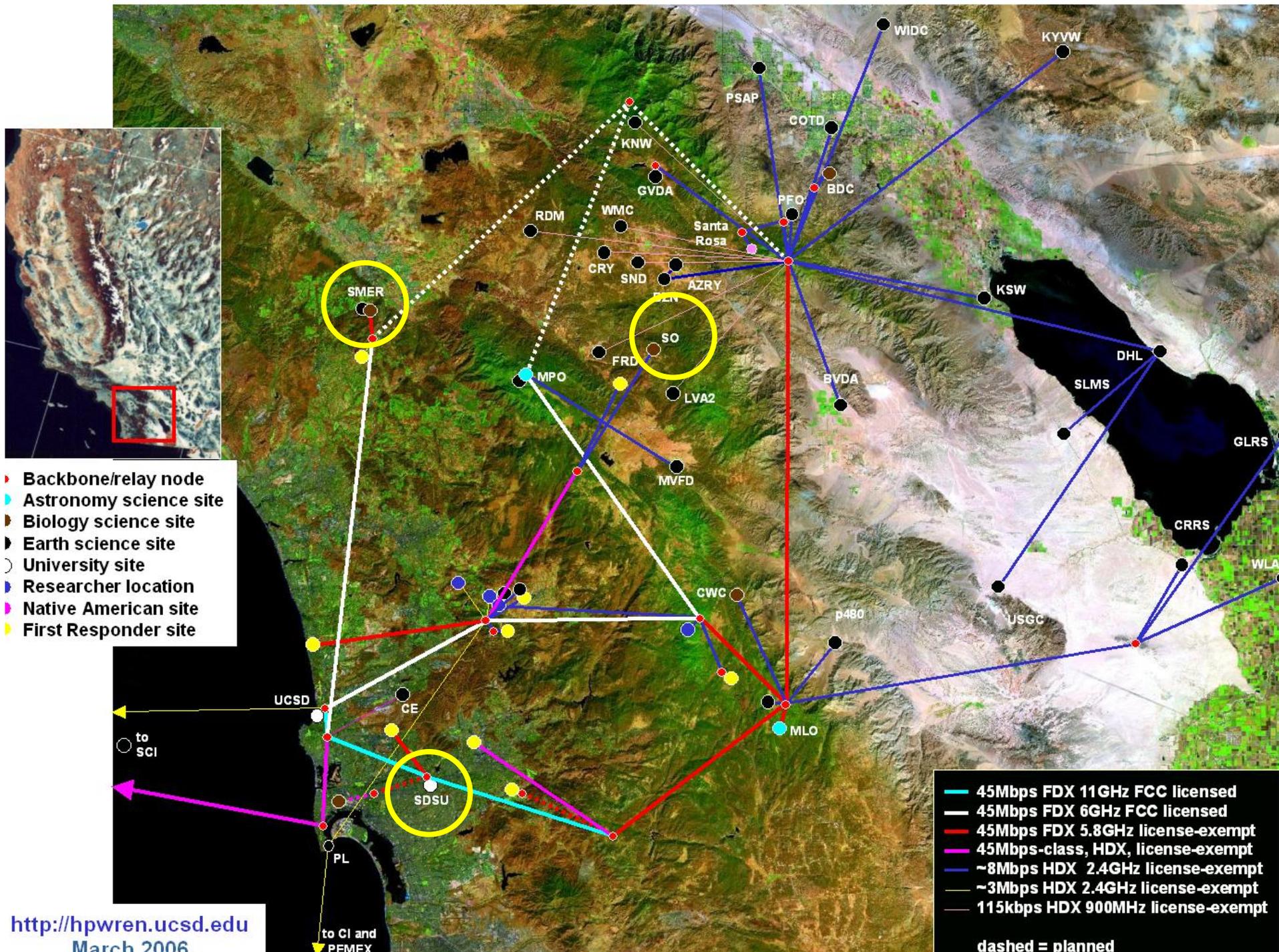
The school's culture is rich in personal connections, supporting a learning environment where students pursue rigorous coursework designed to foster creativity, uniqueness in thought, and intellectual development.

Mission Vista students explore and master educational pursuits which prepare them to thrive and lead in an interconnected world.



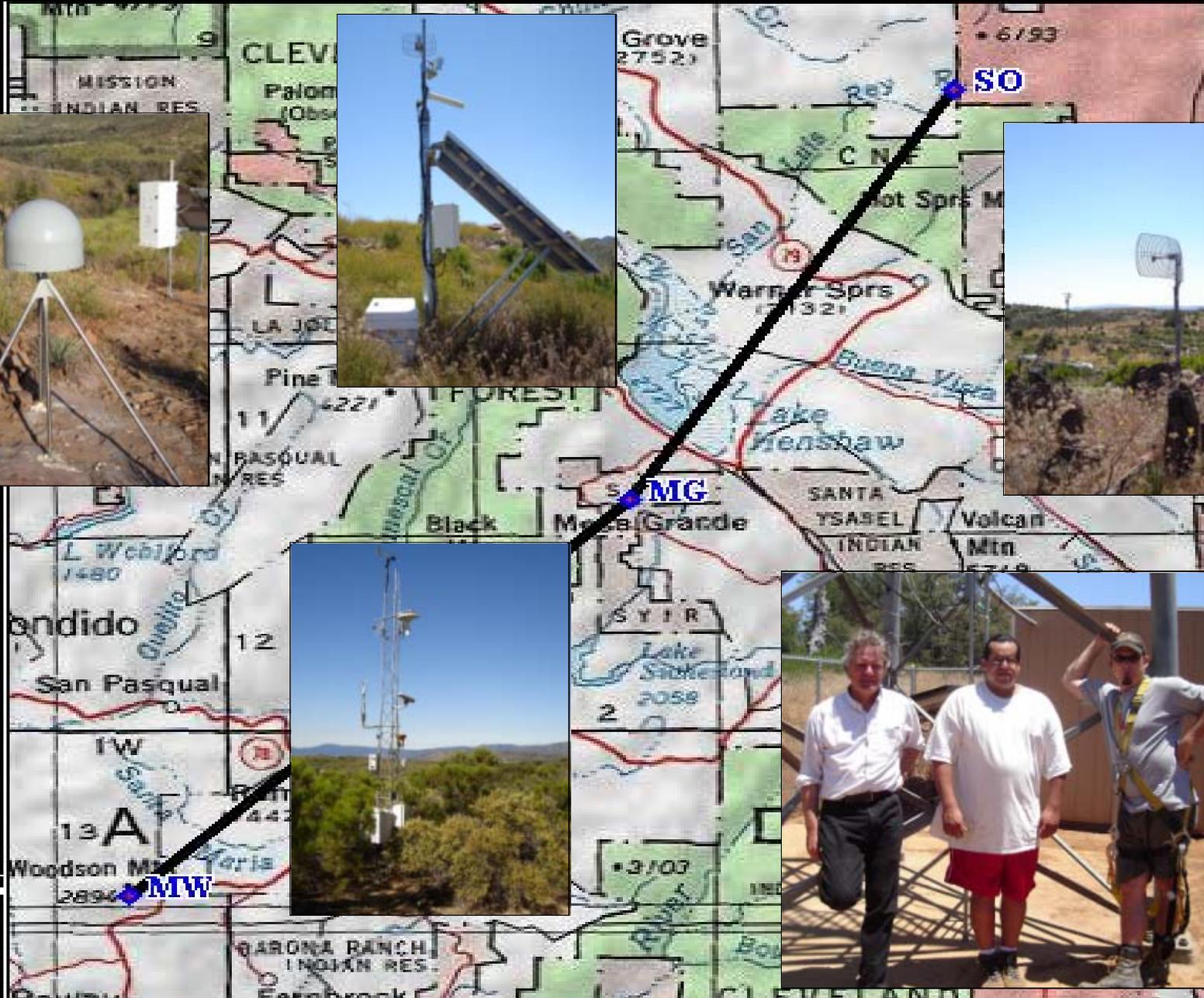
Sky Oaks Field Station Rebuild

Sky Oaks [Web](#) Page

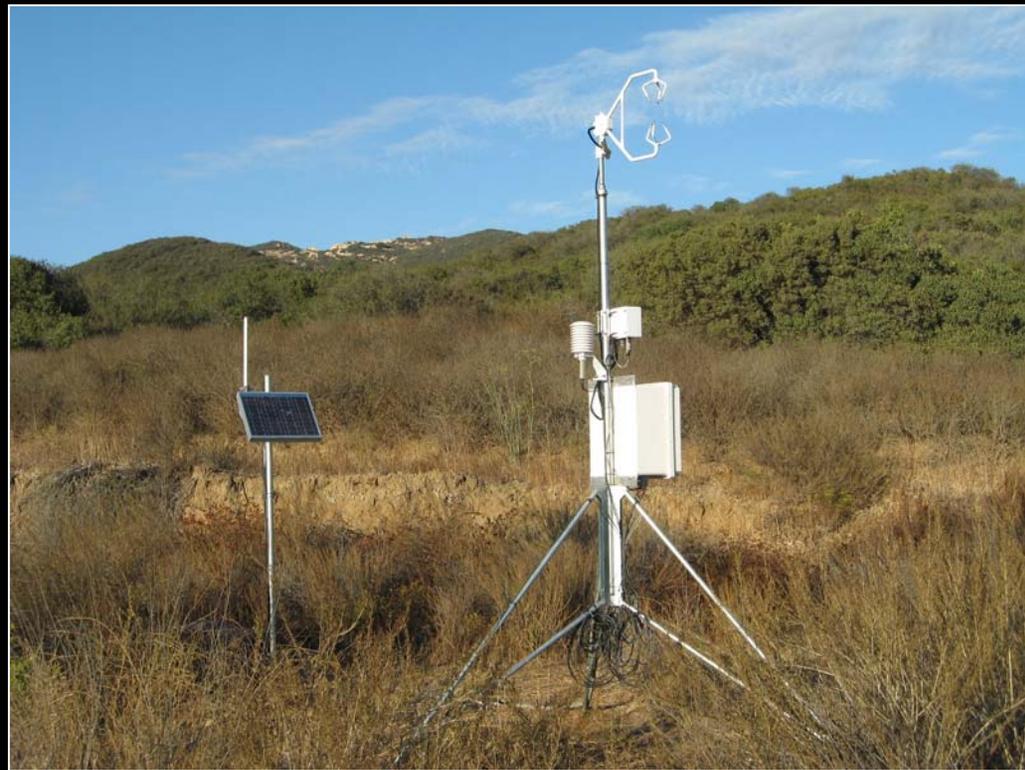


<http://hpwren.ucsd.edu>
 March 2006

Sky Oaks Link



Passive Reflector Testing



Links and Contacts

Field Stations Programs: <http://fs.sdsu.edu/kf/>

Cameras on the web: <http://archive.hpwren.ucsd.edu/cameras/>

Sensor Network Information

Pablo Bryant

619.507.0944