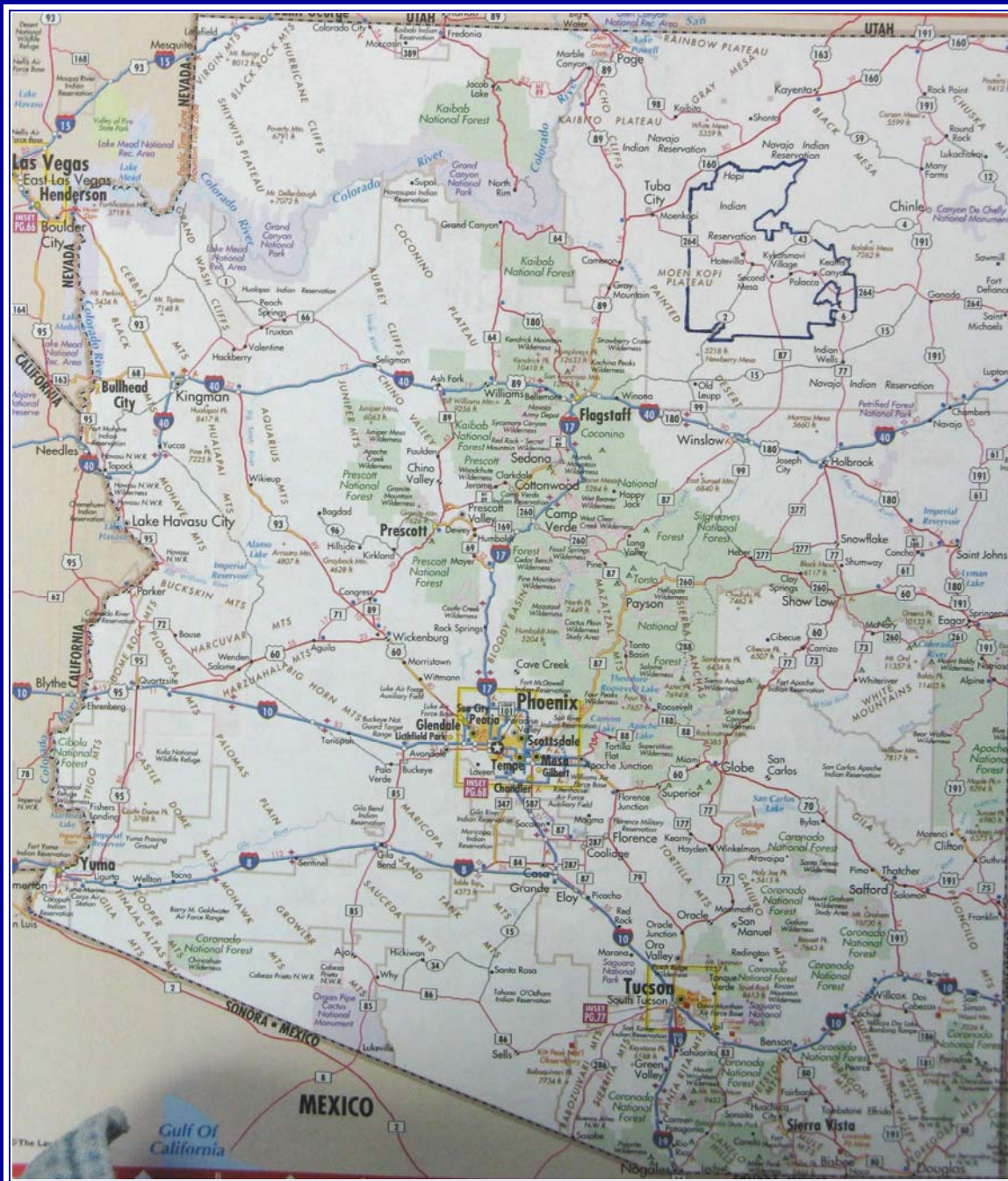


THE



OPI TRIBE

Hopi Tribe



Arizona State Map

- Hopi is located in Northeastern AZ
- Elevations range from 3,900ft to 6,500ft
- Geography consists of mesa's/buttes, flat valleys, juniper/pine woodlands, wetlands, etc
- Various wildlife species

The Hopi Reservation

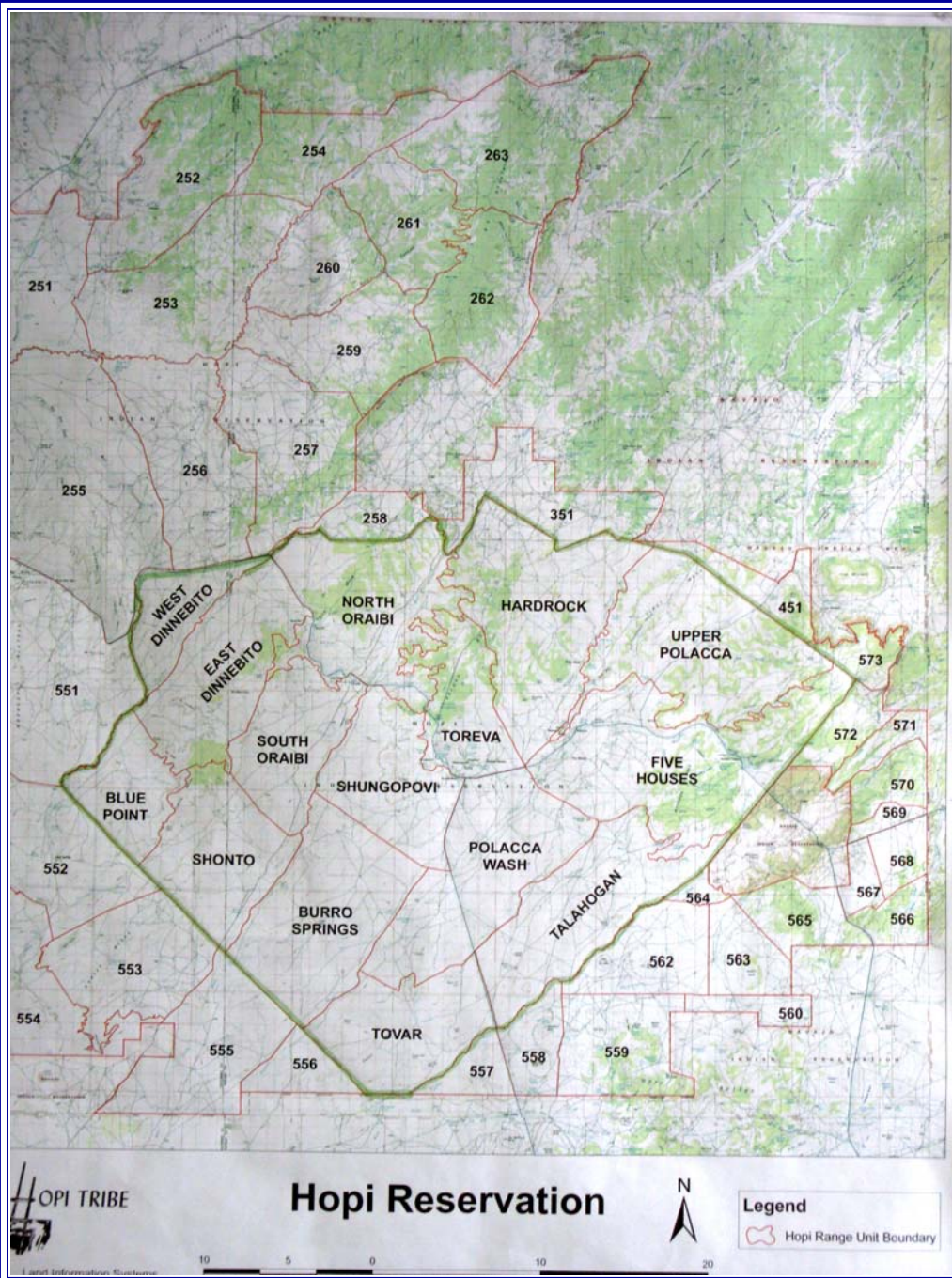
- Consists of Approximately 1.6-mil Acres
- Population (Enrolled members) Approximately 12,500 plus
- Approximately 7,500 residing on the reservation

District #6 Main areas of occupation

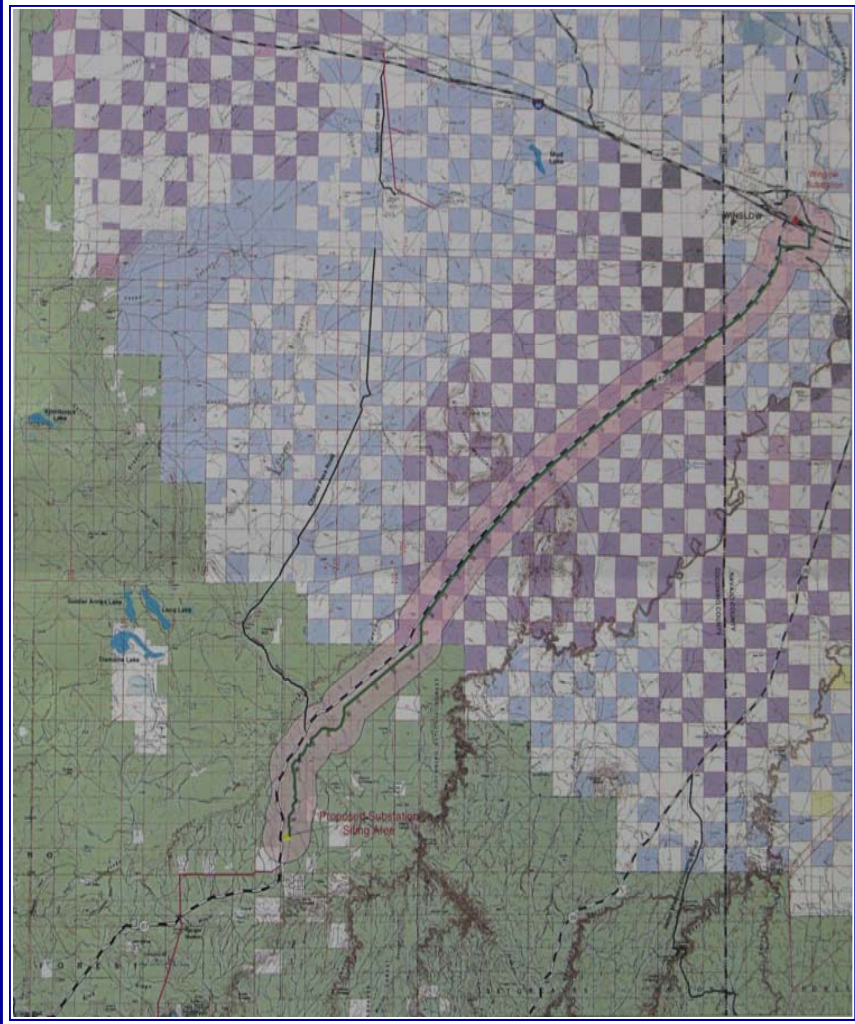
- 13 separate communities each independent and autonomous from the Tribal Gov't.
- Tribal Council Representatives are appointed or elected members of each village.

Hopi Partitioned Lands (HPL)

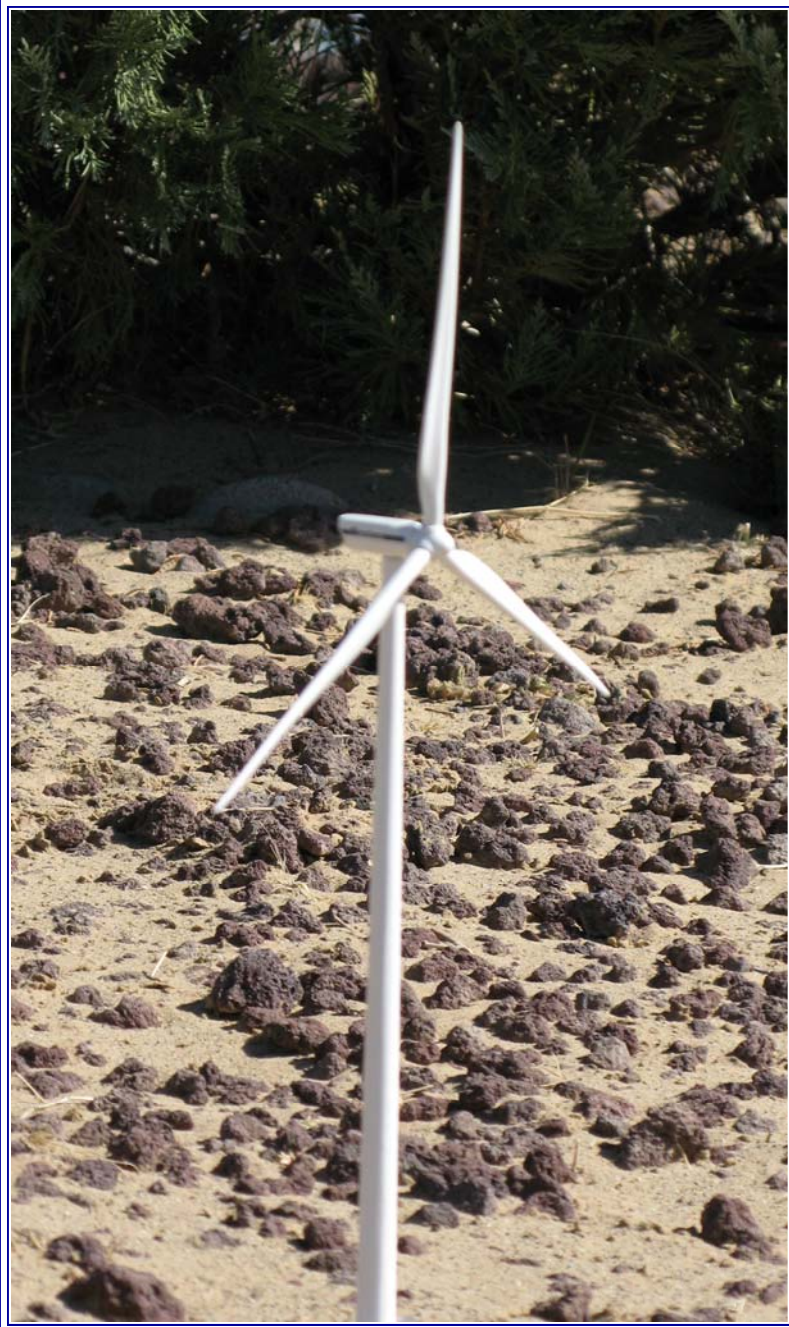
- Farming, Grazing, Mining, other commercial uses



Fee Simple Lands



- In addition to the HPL and District #6 land base, aboriginal lands were acquired in 2002 Adding an estimated 352,000 acres.
- These lands are currently checker-boarded with State and Fee-Simple lands with intentions to bring all into Trust status.
- Currently utilized mainly for grazing.
- Wind feasibility study sites proposed for these lands



Wind Feasibility Study for a Utility- Scale Wind Project

Hopi interest in diversifying economy and promoting economic development with clean, sustainable businesses

Impacts on Hopi Economy

- Closing of coal mining activities - Loss of royalties
- Non-gaming tribe

Exploration of other natural resources

- Solar Energy
- Wind Energy





Three Separate Utility-Scale Wind Project sites

1. **The Sunshine Wind Park Project**
2. **The Third Mesa Wind Feasibility Study Project**
3. **East and West Sunset Mountains Wind Feasibility Study Project**



Sunshine Wind Project

A Developer was developing the Sunshine Wind Park Project near Hopi private lands, Hopi joined as one of 3 private land owners

- 60MW project, 1/3 on Hopi private fee lands**
- Now fully permitted, most market-ready project in Arizona**
- Project initially planned for construction in 2006, now delayed by APS**

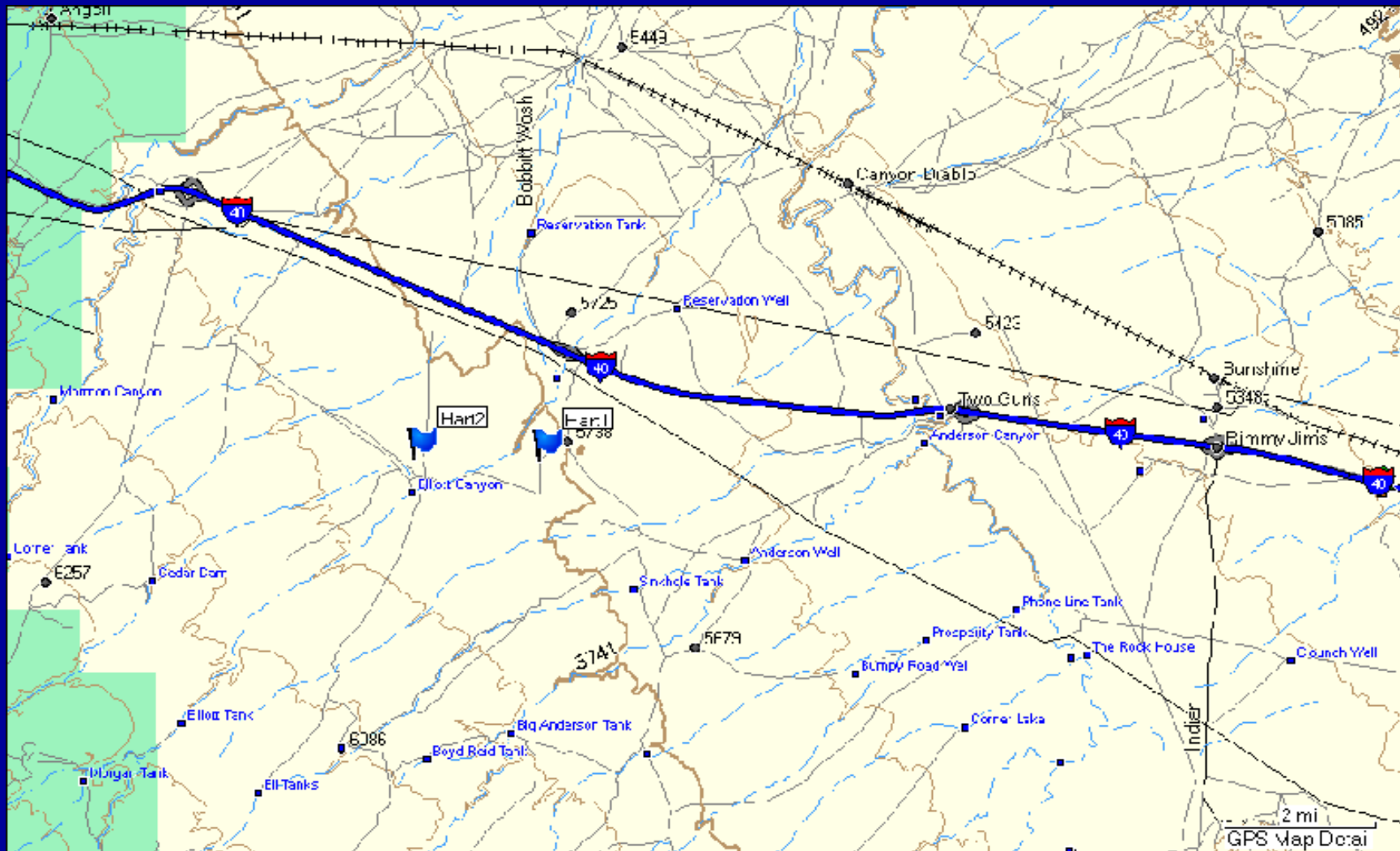
More details at www.sunshinewind.com

The Sunshine Wind Park Project

The Sunshine Wind Park project is being bid into the APS 2007 Renewable Request for Projects (RFP). APS is required to solicit renewable energy to fulfill clean energy requirements of the Arizona's Renewable Energy Standard. APS will be evaluating numerous wind, solar, biomass, and other renewable projects as a competitive bid solicitation RFP.

The Sunshine project has been fully permitted by Coconino County, all environmental and pre-construction studies have been completed. If APS selects Sunshine in its solicitation for renewable energy sources, a long-term power purchase agreement will be negotiated.

Sunshine Wind Park is designed for up to 60 megawatts of capacity. This is equivalent to the average annual electricity needs of 14,000 homes. Electricity generated from Sunshine would tie into an existing APS transmission line that primarily serves Northern AZ communities.



Sunset Mountains Wind Project

Partnered with DOE support to explore the feasibility of a 100MW wind project on the Hopi mesa tops

Hopi and it's Developer identified a new project site "Sunset Mountain" entirely on Hopi lands

Project feasibility work met opposition from traditional, religious and cultural practitioners – no tribal input

Exploring on the two mesas may be a possibility (outreach), if project goes forward, would likely be in the lower flat areas surrounding the two mesas

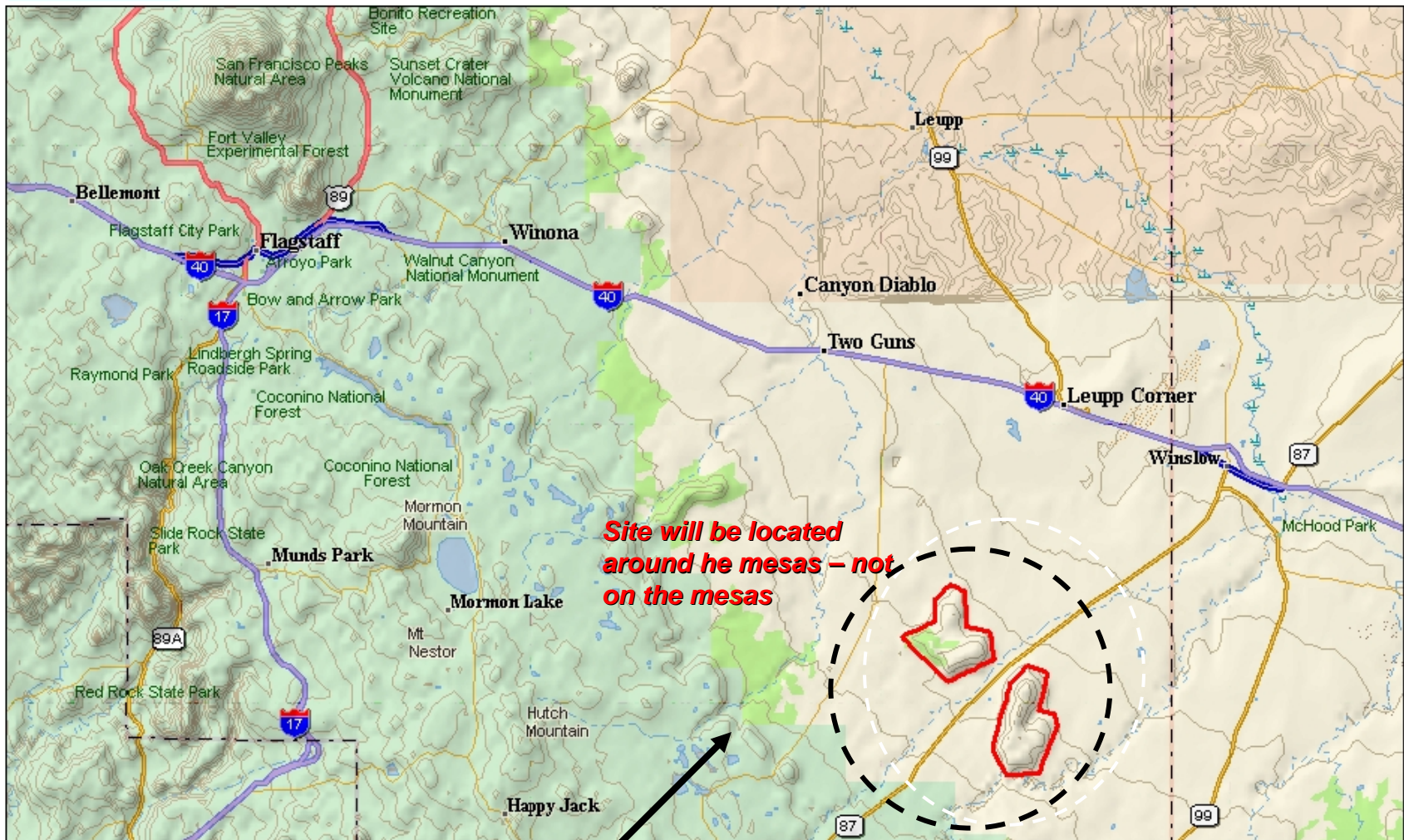
Avian, Biological, Archeological, Cultural & Historical surveys have been performed and completed by the Hopi Natural Resources Departments.

Aviation and Military Safety Review is not currently needed for the feasibility study

•Sunset Project Site



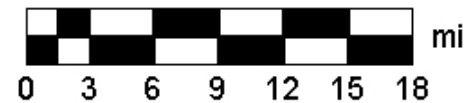
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Site will be located around the mesas - not on the mesas

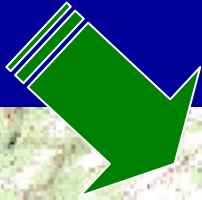
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Prevailing wind direction

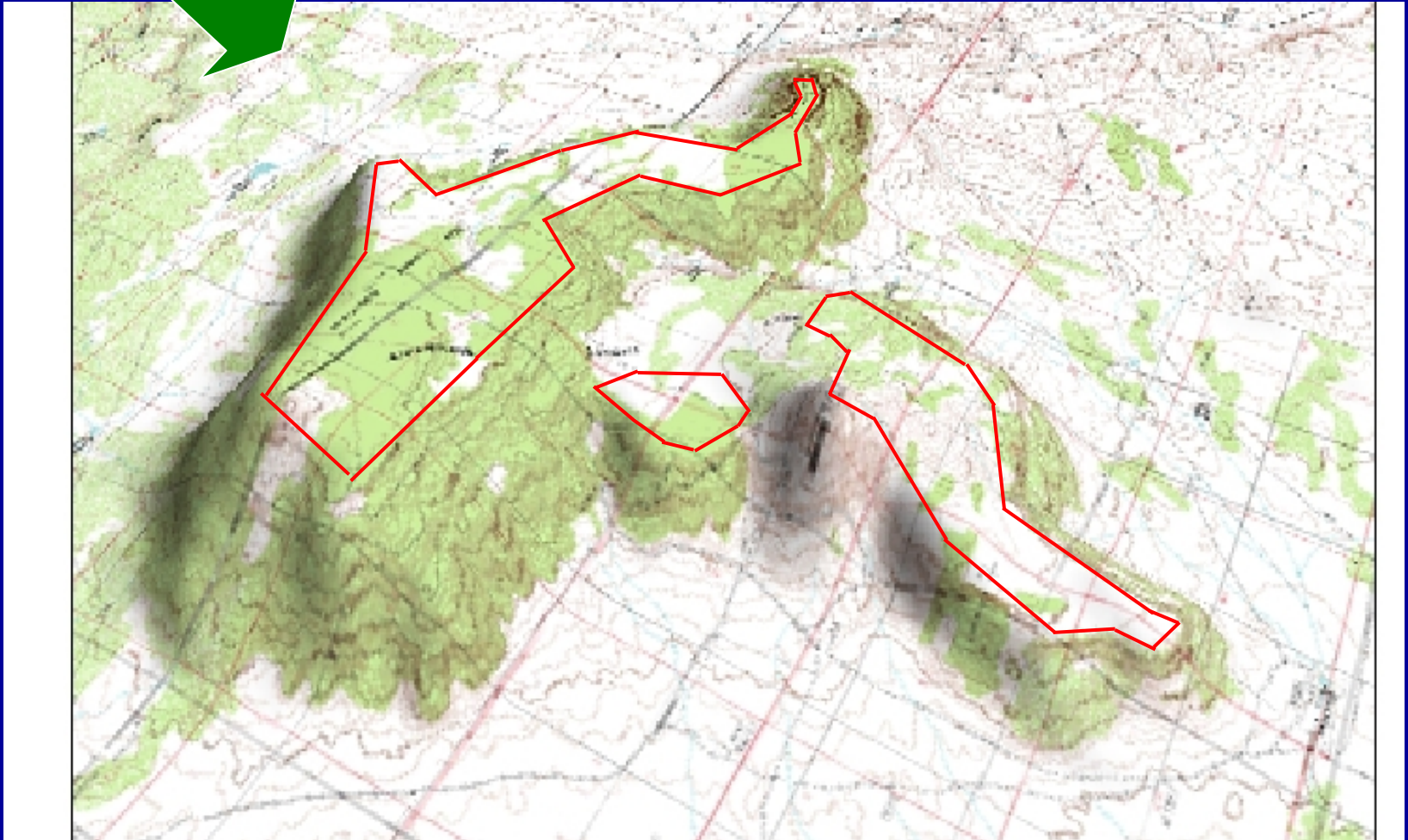


Data Zoom 8-2

West Sunset Mountain



Prevailing Wind
Direction



Mesa Elevation 300 – 450 above prevailing plain

Hopi Agreements

Currently Hopi is working to contract with NAU for the installation of two MET towers to be located at the Sunset Mountain project sites.

Two project locations were selected by Hopi's Developer to perform wind feasibility studies

The Clear Creek Ranch site and the Hart Ranch site both located primarily on Hopi fee lands



Wildlife Studies

Cultural and religious practitioners opposition
due to non tribal input

- Eagle nesting sites

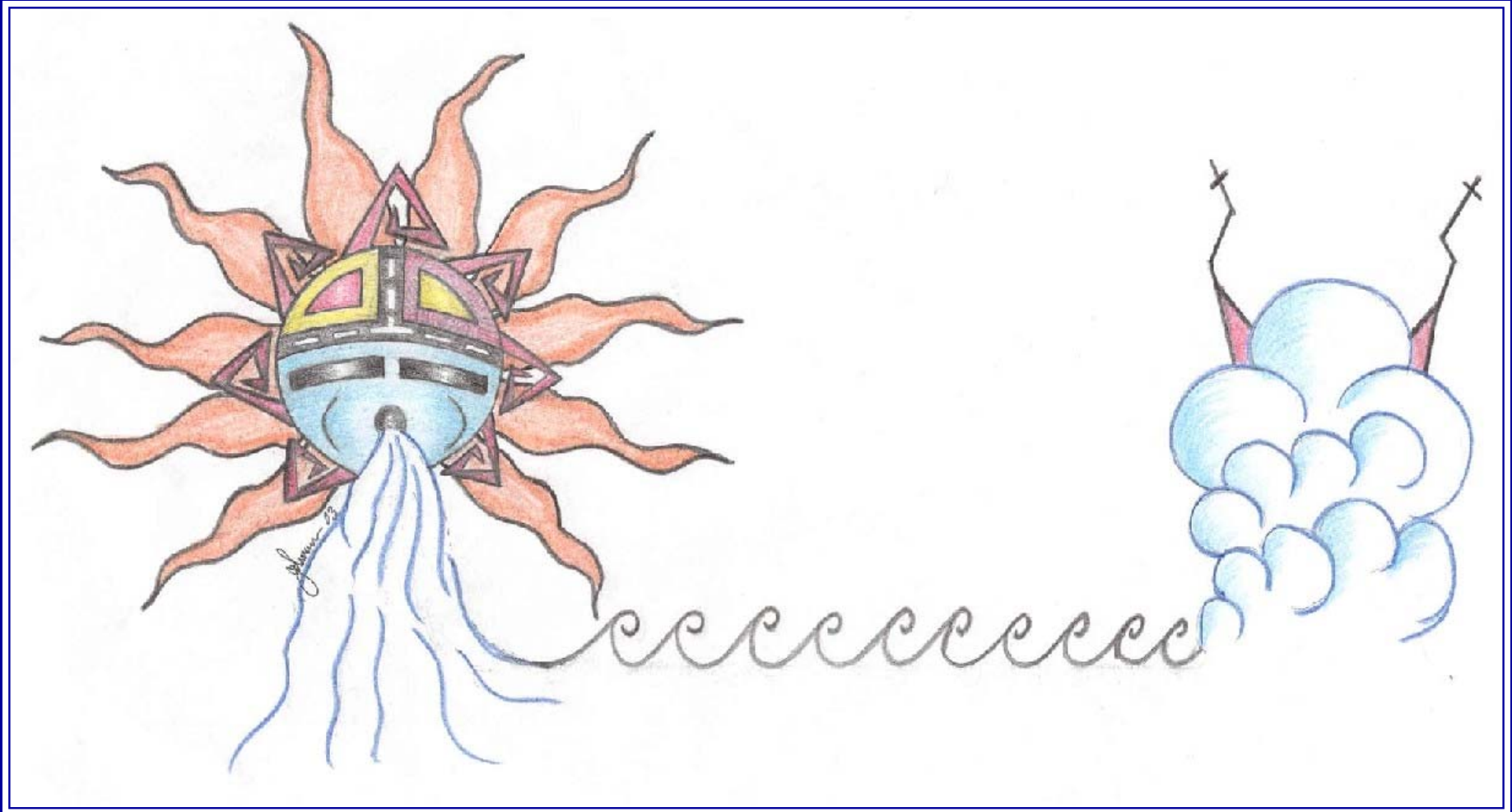


Wildlife issues

Hopi does not permit big game hunting, only for cultural ceremonial activities with a special hunt permit to residents participating in religious activities



Hopi Wind Projects

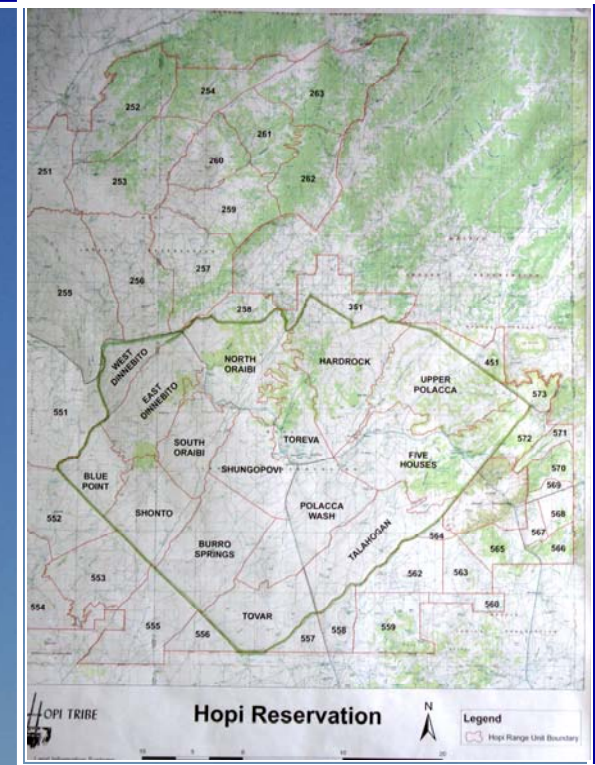


Hopi Clean Air Partnership Project
(HCAPP) EPA Grant

Third Mesa Project Site

50 MET Tower

- Installed March 2006, 1-yr wind data collection
- ASU completing wind data report to be presented at end of November



Hopi Lands



Hopi gets all four seasons of the year

