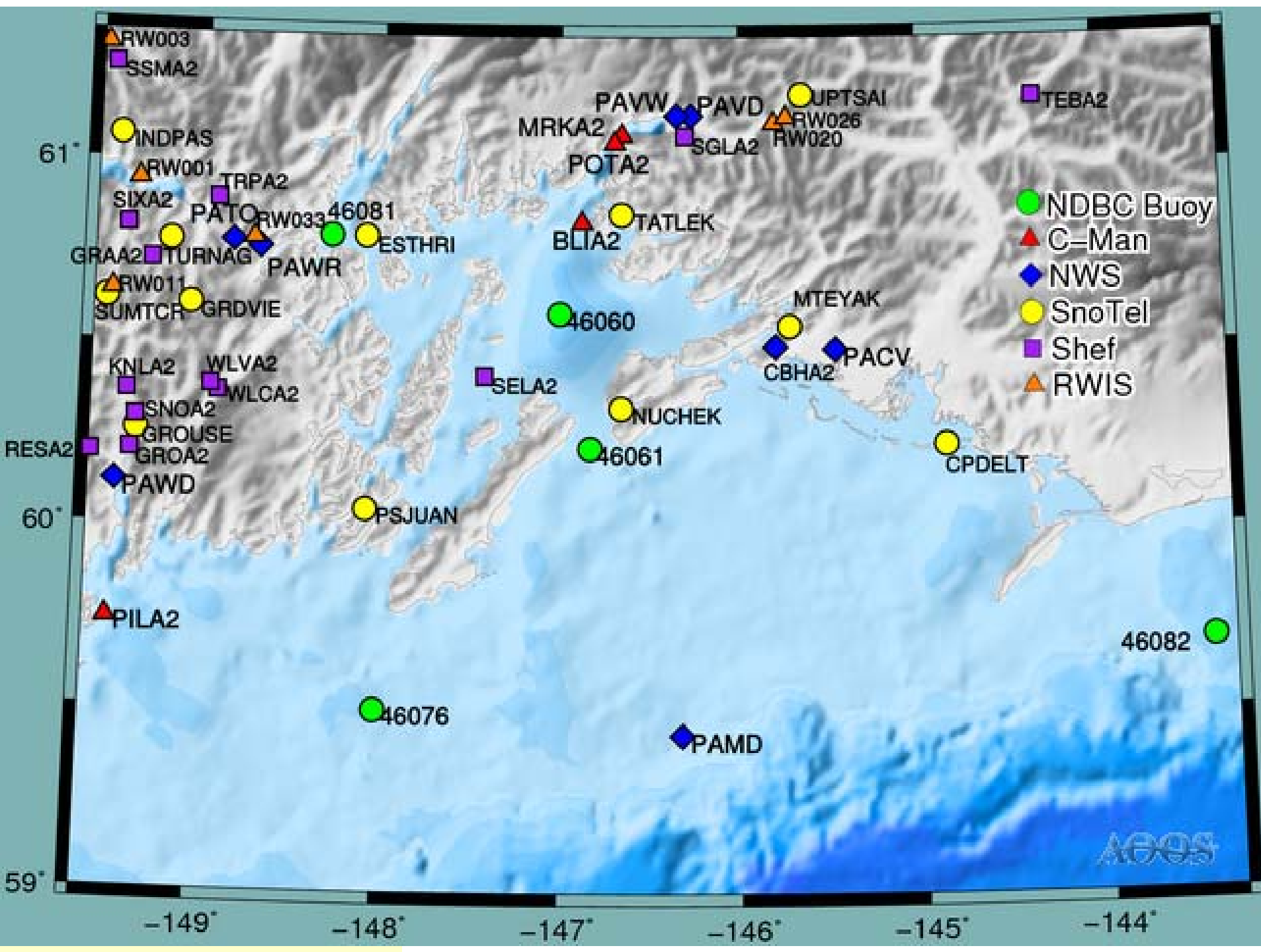


Prince William Sound Climate Data Site Update

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Currently 8 sites have been installed - month record begins

- ◆ Esther Island – June 2005
- ◆ Port San Juan – June 2005
- ◆ Tatilek – July 2005
- ◆ Mt. Eyak – September 2005
- ◆ Nuchek – July 2005
- ◆ Seal Island/NWS – January 2006
- ◆ Strawberry Island – July 2006
- ◆ Sugarloaf Mountain – June 2007

Three sites scheduled/Two Permits in Hand

- Mt Doran
- Naked Island
- Main Bay area – needs permit

Permitting Issues

- Forest Service permits – 1st application was submitted May 2004, 2 Permits were received for construction January 2008
- One permit previously submitted for site location on Forest Service land denied. Asked to put it on private or state land in the general vicinity.
- Current permit for Naked Island – site must be installed during the week after June 15th and prior to August 30th
- Current permit for Mt. Doran – site must be installed after August 15th

Installation Budget

- Initial agreement - \$69,900 Starband sites
- Additional agreement - \$90,000 SNOTEL
- Current Construction Budget - \$34,000 All major items are purchased for the last three sites
- 08 Maintenance Agreement - \$21,000

Logistical Issues

- Site access – currently has not been a problem to charter to sites located at sea level
- Exception is Strawberry Reef - Aircraft availability, timing tides for beach landing, visibility for flying and no winds has been tough to coordinate. Do not have staff or funds to sit and wait for the weather to clear or aircraft/pilot to be available.
- Mt. Doran site will require helicopter access only - \$3000.00/site visit
- Naked Island may be able to access with fixed wing or by boat
- Main Bay area access ???
- Will the Coast Guard be available to transport equipment to install the 3 remaining sites?

Technical Issues

- Most technical issues have been solved. There are two types of communication, SNOTEL telemetry currently at 3 sites, Starband Satellite at 4 sites with web cameras and 1 site on NOAA GOES
- The 3 remaining sites have the data sent by way of SNOTEL

Loading the Auklet at Whittier May 9, 2005



Wrap Up

- Data from the sites will give:
 - ◆ Near real time weather data for fishermen and aviators
 - ◆ a quantitative measurement for the development of the model, RAMS (Regional Atmospheric Modeling System), used to predict the freshwater inflow and currents of Prince William Sound.
- Data is sent to UAF for archive and graphical presentation, also resides at the National Water and Climate Center
- SNOTEL sites are on the web: www.ambcs.org
<http://www.wcc.nrcs.usda.gov/>
- AOOS http://ak.aos.org/pws2/web_cams.php