

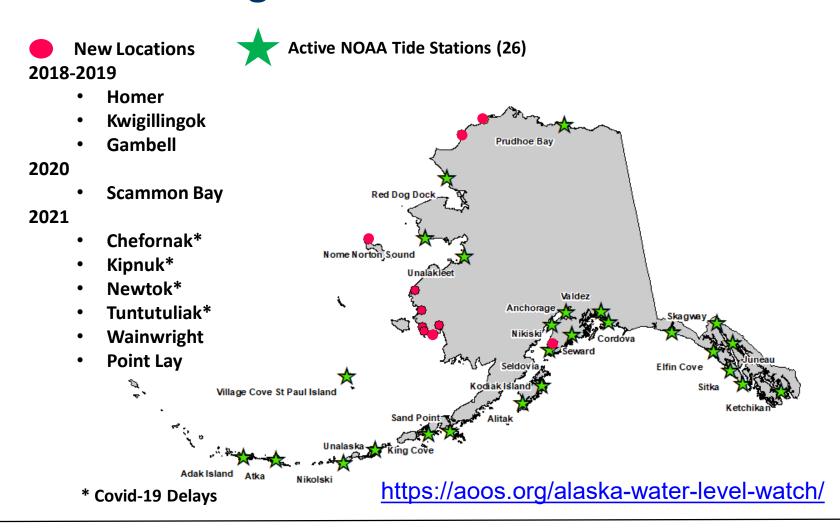


Coastal Geospatial Services Contract

- Five year IDIQ mapping and geospatial contract designed to provide data and map products to the coastal zone management community
 - Data Acquisition: Remotely sensed collection of imagery, topography,
 bathymetry using aerial, satellite, and shipboard platforms
 - GIS Services: Spatial data development, management, integration, application development, cartography, and GIS consultation in support of coastal management applications
 - Thematic Mapping: Processing and developing data into thematic classes for land cover, environmental sensitivity, benthic habitat, and hazards vulnerability mapping
 - Survey and Control Services: Establishing ground control, collection of QC checkpoints, field validation, tidal datum determination



Establishing Tidal Datums in Coastal Alaska

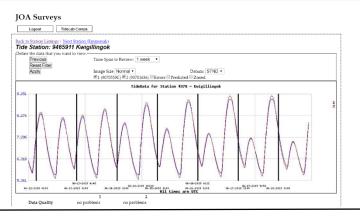




Establishing Tidal Datums in Coastal Alaska

- Purpose: Improving tidal predictions, coastal flooding and forecasting, improving V-Datum tool
- Coverage: 10 sites Western AK and North Slope
- Partners: AK DGGS, NOAA CO-OPS, NOAA OCM, Quantum Spatial, JOA
- **Specifications**: comply with CO-OPS operations and design, recon, installation, 90 data occupation, submittal to CO-OPS
- Products: new tidal datums, predictions, benchmarks







Establishing Tidal Datums in Coastal Alaska





1. Ishkowik





2. Gambell Island

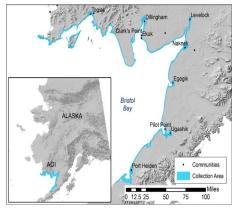


3. Kwigillingok



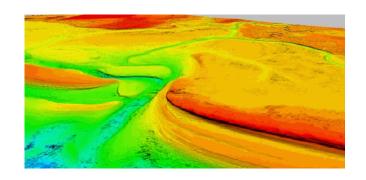
Imagery Acquisition in Bristol Bay

- Purpose: Baseline imagery and phodarderived DSMs to assess risk and improve flood forecasting
- Coverage: Cape Newenham to Port Heiden
- Partners: AK DGGS, NOAA OCM, Quantum Spatial
- **Specifications**: 20cm pixel size, 4 band, 80% overlap and 40% side-lap
- **Products:** Orthoimagery, phodar point clouds, and digital surface models





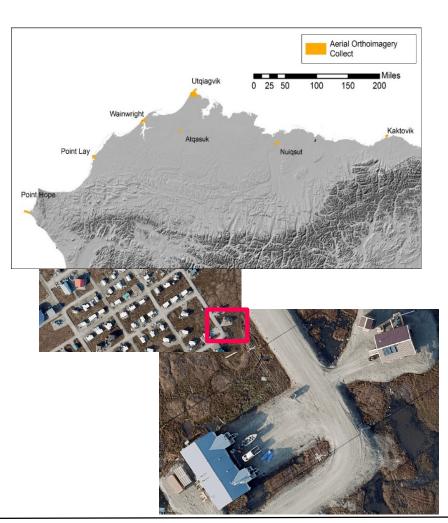
(Courtesy of Chasen Cunitz)





Imagery Acquisition along the North Slope

- Purpose: High resolution orthoimagery for civil works and emergency management
- Coverage: Point Hope, Point Lay, Wainwright, Utqiagvik, Atqasuk, Nuiqsut, and Kaktovic
- Partners: AK DGGS, NSB, NOAA
 OCM, Quantum Spatial
- **Specifications**: 3" pixel resolution, 4 band imagery
- Products: Orthoimagery





Where's the Data?

Go to Digital Coast/Data Access Viewer

