



Alaska Science Center

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Alaska Science Center Fact Sheet 2007



Cleveland Volcano - 7/27/07

Real-time Water Data

- Streamflow Data

Recent Earthquakes in Alaska

Volcanoes

- Webcams
- Current Status of Volcanoes in Alaska and Kamchatka
- Seismometers


Science Topics

- Alaska Geospatial Data
- Biology
- Earth Science Information Center
- Geography
- Geology
- Water

Alaska Science Portal

Search for USGS science in Alaska

In The Spotlight

- ▶ Estimation of walrus populations on sea ice with infrared imagery and aerial photography
- ▶ 10th International Circumpolar Remote Sensing Symposium site is now live!
- ▶ New USGS Factsheet: Transport of Water, Carbon, and Sediment Through the Yukon River Basin 
- ▶ USGS Professional Paper 1739 Studies by the U.S. Geological Survey in

Science Features



Polar Bear Research



Beak Deformity Research

Recent Publications on Sea Ice

Tracking Wildlife by Satellite

Wandering Wildlife - Follow these animals as they migrate:



- Polar bears, Loons, Long-tailed Ducks, Common Eiders, Brant, and Sockeye Salmon
- Walrus
- Pintail Ducks **NEW**
- Bar-tailed Godwits **NEW**
- Bristle-thighed Curlews
- Long-billed Curlews

▶ Download an algorithm that filters raw Argos satellite tracking data.

▶ USGS Alaska Avian Influenza Studies



USGS science on the highly pathogenic H5N1 avian influenza "Bird Flu" in Alaska.

Movements of Shorebirds with Satellite Transmitters



Avian Influenza Related Studies and Products:

Employment Opportunities

No Positions Open at This Time

Invitation to Bid

USGS Online Automated Recruitment System

Alaska, 2006

 New USGS Factsheet: Tintina Gold Province




 New Studies for the Arctic & Alaska

- Dissolved organic carbon in Alaskan Boreal Forest: Sources, chemical characteristics, and biodegradability
- Flux and age of dissolved organic carbon exported to the Arctic Ocean: A carbon isotopic study of the five largest arctic rivers.
- Water and Sediment Quality in the Yukon River and its Tributaries Between Atlin, British Columbia, Canada, and Eagle, Alaska, USA, 2004.
- Nutrient (N, P) loads and yields at multiple scales and subbasin types in the Yukon River basin, Alaska.


 Undiscovered Locatable Mineral Resources in the Bay Resource Management Plan Area, Southwestern Alaska: A Probabilistic Assessment




 USGS 2007 Water Report
The 2007 Water Resources Data annual reports from around the country have been combined into a single web site.


 Proceedings of the Fourth Glacier Bay Science Symposium




 Movements of Northern Pintail Ducks with Satellite Transmitters

 USFWS/USGS. 2008. Sampling for highly pathogenic Asian H5N1 avian influenza in migratory birds in Alaska: Results of 2007 field season

 2008 Workshop Results

 Applying the scientific method when assessing the influence of migratory birds on the dispersal of H5N1

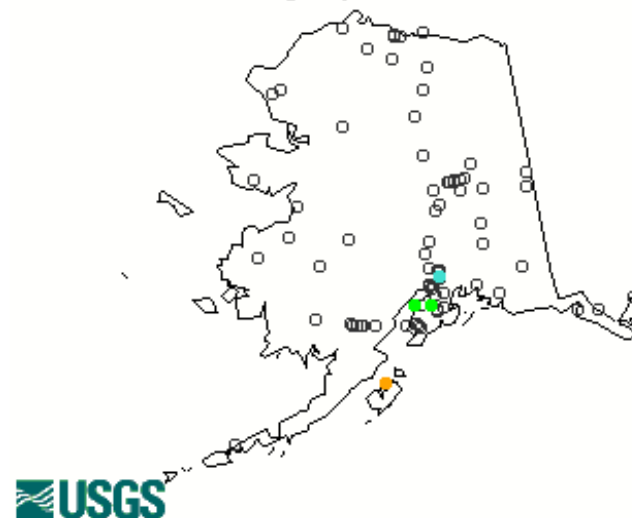
 Assessment of virus movement across continents: using Northern Pintails (*Anas acuta*) as a test

 2007 Sampling Locations Maps

Water Real-time Information

Daily Streamflow Conditions

Tuesday, April 29, 2008 14:30E



USGS Scientific
Investigations
Report 2007-
5027



Hydrology and
Glacier-Lake-Outburst
Floods (1987-2004) and
Water Quality (1998-2003)
of the Taku River near
Juneau, Alaska

USGS Data
Series 241



Labay, Keith A.,
and Haeussler,
Peter J., 2007, 3D
Visualization of Earthquake
Focal Mechanisms Using
ArcScene(r)

International Polar Year

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