realtime.sikuliaq.alaska.edu/realtime/map/legends/gina/index.html

Not Secure realtime.sikuliaq.alaska.edu/realtime/map/legends/gina/index.html

VIIR, MODIS Visible, IR

Retrieved from the GINA Alaska Direct Broadcast Satellite Data Portal

http://feeder.gina.alaska.edu/

GINA

The Geographic Information Network of Alaska (GINA) is the University of Alaska's mechanism for organizing and sharing its diverse data and technological capabilities among the Alaskan, arctic, and world communities.

Established in 2001 as an initiative of UA's President. GINA unites and extends UA's GIS and remote sensing activities through the use of internationally adopted standards and shared web portals. GINA collaborates with academic, Federal/State/local agencies, industry/consultants, NGOs/Foundations, and private sector organizations to serve geospatial data with special focus on covering the state of Alaska.

GINA provides a distributed data system for geospatial information and maintains an enterprise-level geographic information system (GIS) with online archiving, internet mapping, and metadata services. We offer training and assistance in satellite image processing, GIS, and visualization. GINA provides custom processing, server-side analysis, and visualization tools.

GINA holds an extensive inventory of satellite images and aerial photos taken largely over the state of Alaska. The majority of our data is available online and can be freely downloaded.

JPSS

The GINA Direct Broadcast Near Real-time processing system is supported by the Joint Polar Satellite System (JPSS), a collaborative program between the National Oceanic and Atmospheric Administration (NOAA) and its acquisition agent, National Aeronautics and Space Administration (NASA). Direct Broadcast (DB) data is processed using free open source science software through the Community Satellite Processing Package (CSPP).

JPSS polar satellites are the backbone of the global observing network, circling the Earth from pole-to-pole and providing full global coverage twice a day. Satellites in the JPSS constellation gather global measurements of atmospheric, terrestrial and oceanic conditions, including sea and land surface temperatures, vegetation, clouds, rainfall, snow and ice cover, fire locations and smoke plumes, atmospheric temperature, water vapor and ozone. JPSS delivers key observations for the Nation's essential products and services, including forecasting severe weather like hurricanes, tornadoes and blizzards days in advance, and assessing environmental hazards such as forest fires, smoke, volcanic ash, sea ice movement, and harmful floods.

Aurora!

Cruise: SKQ202014S
lon: -166.176222717
lat: 69.708513933
heading: 311.33
cog: 308.87
sog: 9.3 knt
Sun, 08 Nov 2020 15:03:49 GMT

- WAVEWATCH III(legend)
- RTOFS (NCEP Ocean Model)
- SST MUR(legend)
- SST MW(legend)
- SST IR (NASA Ocean Color)
- Chlorophyll (NASA Ocean Color)
- MODIS Daily(Visible TrueColor, 250m)
- VIIRS,MODIS Realtime(Vis,IR ~300m)
  - 20201105_1406 DNB(NPP)
  - 20201105_1457 DNB(NOAA20)
  - 20201105_1549 DNB(NPP)
  - 20201105_1637 DNB(NOAA20)
  - 20201105_1725 DNB(NPP)
  - 20201105_1814 DNB(NOAA20)
  - 20201105_1903 DNB(NPP)
  - 20201105_1953 DNB(NOAA20)
  - 20201105_2042 DNB(NPP)
  - 20201105_2042 TrueColor(NPP)
  - 20201105_2133 DNB(NOAA20)
  - 20201105_2133 TrueColor(NOAA20)
  - 20201105_2223 DNB(NPP)
  - 20201105_2223 TrueColor(NPP)
  - 20201105_2314 DNB(NOAA20)
  - 20201106_0005 DNB(NPP)
  - 20201106_1029 DNB(NPP)
  - 20201106_1118 DNB(NOAA20)
  - 20201106_1209 DNB(NPP)
  - 20201106_1257 DNB(NOAA20)
  - 20201106_1350 DNB(NPP)

DBO4.6 DBO5.10 DBO6.6 DBO7.6 DBO3.2 DBO2.5

Fairbanks Anchorage Homer Sitka Juneau Unalaska Petropavlovsk-Kamchatsky Chita Ulan-Ude Blagoveshchensk Komsomolsk-on-Amur

110°00'00"E 120°00'00"E 130°00'00"E 140°00'00"E 150°00'00"E 160°00'00"E 170°00'00"E 180°00'00"W 170°00'00"W 160°00'00"W 150°00'00"W 140°00'00"W 130°00'00"W

Scale: 1: 28M **Zoom Level:** 4 **Cursor Location:** 165° 1.375' W , 74° 15.689' N

Center | Route Planner | Update | hide layers