North Slope Oil & Gas Production Trends

Annual North Slope Oil + NGL Production

- Sum of Oil + NGL (bopd)
- % Change 5yr avg

Year: 2006 to 2022

Production trends and changes over the years.
North Slope Oil & Gas Units
Geological Potential for CCUS

Sedimentary Basin CO2 Sequestration Potential

- **High**
- **Moderately High**
- **Moderately Low**
- **Low**
- **None**
- **Less than 1 km**
- **Offshore/Inaccessible**

Legend:
- Roads

Geological regions and potential areas for CCUS sequestration.
Local Use Lumber Program & Timber Bridge
Wildfires: Earlier and More

Alaska Wildfire
Cumulative Acreage Burned

Years since 1989 with >2 Million Acres Burned
- 1990
- 2009
- 1997
- 2015
- 2002
- 2019
- 2004
- 2022
- 2005

Data source: Alaska Interagency Coordination Center
Updated to August 25, 2022
Daily values lightly smoothed
Division of Forestry and Fire Protection
Coordinated Mineral Projects
Getting Minerals to Market
Geological Surveys & Geophysical Mapping

DGGS Geologic Map Coverage
Surficial
1:50,000 - 1:100,000

71,685 sq. miles of bedrock maps
12.3% of Alaska

10,000 sq. miles of geologic mapping in production

Legend
Maps in Production
- 100k Bedrock Maps
- Sedimentary Basins

North Pole

United States

Bering Sea

Alaska

Yukon

Washington

Idaho

Oregon

California

Nevada

Baja California

Mexico
Slide Monitoring and Mitigation

Deformation from 8/24/2019 @ 4am to 8/25/2022 @ 4am

Cascades Glacier
Kite (new movement)
Prow
Core
Other areas of continuous talus movement

Cascade Glacier

Barry Arm
Barry Glacier

Barry Glacier
State Parks: Data Increases Access For Alaskans

Top 5 Locations by Device Days

1. Chugach State Park
2. Tongass National Forest, Juneau
3. Kenai River Special Management Area
4. Matanuska Valley
5. Palmer Hay Flats
Food Security
Unlocking Alaska
Thank you!