



Data Sources

Base map data including hydrologic data, village and town locations, glaciers and icefields, volcanoes, roads and boundaries are from the State of Alaska, Core GIS database. The oil and gas wells are from the Alaska Division of Oil and Gas database adopted from the Alaska Oil and Gas Conservation Commission database. The sedimentary basins, faults and folds are from Troutman, S.M. & Stanley, R.C., 2003, the indicators of petroleum from Miller, D.J., et al., 1989, the coal field boundaries are from Merril, R.D. and Hawley, C.T., 1985, and the placer deposits are from Nockleberg, W.J., et al., 1987.

References Cited

Kirschner, C.E., 1988, Map showing sedimentary basins of orogenic and continental shelf areas, Alaska, U.S. Geological Survey, Miscellaneous Investigations Series I-1673, scale 1:2,500,000.
Merril, R.D., and Hawley, C.T., 1985, Map of Alaska coal resources, Alaska Division of Geological & Geophysical Surveys Special Report 37.1, sheet scale 1:2,500,000.
Miller, D.J., Payne, T.G., and Gray, G., 1989, Geology of Passaic Petroleum Provinces in Alaska, U.S. Geological Survey Bulletin 1084, 137 p.
Nockleberg, W.J., Dunstan, T.K., Berg, H.C., Brew, D.A., Glybeck, D., Robinson, M.S., Smith, T.E., and Yeard, W., 1987, Significant metalliferous (copper deposits and other districts of Alaska, U.S. Geological Survey Bulletin 1706, 104 p.
Troutman, S.M. and Stanley, R.C., 2003, Maps Showing Sedimentary Basins, Surface Thermal Maturity, and Indicators of Petroleum in the Central Alaska Province, U.S. Geological Survey, Miscellaneous Field Studies Map MF-2428, 1 Sheet.

Population Centers and Exploration Wells

- Population < 1000
- Population > 1000
- Drill Hole
- Oil Well
- Gas Well
- △ Service Well (un-differentiated)
- Suspended
- Suspended - Oil Show
- ⊕ Plugged & Abandoned
- ⊕ Plugged & Abandoned - Oil Show
- ⊕ Plugged & Abandoned - Oil and Gas Show
- ⊕ Plugged & Abandoned - Oil (Certified or Significant)
- ⊕ Shut-in Location
- ⊕ Operational Shutdown
- ⊕ Permitted Location

Location Map

Sedimentary Basins and Selected Geology of Interior Alaska
(From Troutman & Stanley, 2003)

Scale: 1:1,000,000

Universal Transverse Mercator 5N
Zone 1668 (Easting)
False Easting: 500,000.0
Central Meridian: 153.000000

North American Datum 1983
Scale Factor: 0.9999
False Northing: 0.0
Latitude of Origin: 0.0

Map Legend

- ▲ Volcanoes
- ⊗ Metalliferous Lode Deposits
- Gas Seep
- Oil Seep
- Oil Bearing Outcrop
- Unit Boundaries
- Gas Accumulation
- Oil Accumulation
- Major Roads
- 3 Mile Limit
- Trans Alaska Pipeline
- Basin Depocenters
- Fold
- Fault
- Normal Fault
- Fault - Inferred
- Thrust Fault
- Thrust Fault - Inferred
- Syncline
- Synclinorium
- Syncline - Inferred
- Anticline
- Anticlinorium
- Anticline - Inferred
- Coarcted
- Placer Deposits
- Late Tertiary and Quaternary Basins
- Older Tertiary in Remnants of Older Basins
- Fold Belts of the Colville Foredeep, Eagle Basin, Alaska Peninsula, and Cook Inlet and Copper River Basins
- Complexly Deformed and Locally Metamorphosed Flysch Basins and Associated Nonmarine and Deltaic Strata of Interior Alaska
- Permeably Deformed and Metamorphosed Flysch Basins
- Volcanic Rock Cover
- Precambrian, Paleozoic, and Mesozoic Rocks of Cordilleran Fold and Thrust Belt
- Basement Rocks
- Bouguer Gravity Low
- Federal Parks

Disclaimer

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