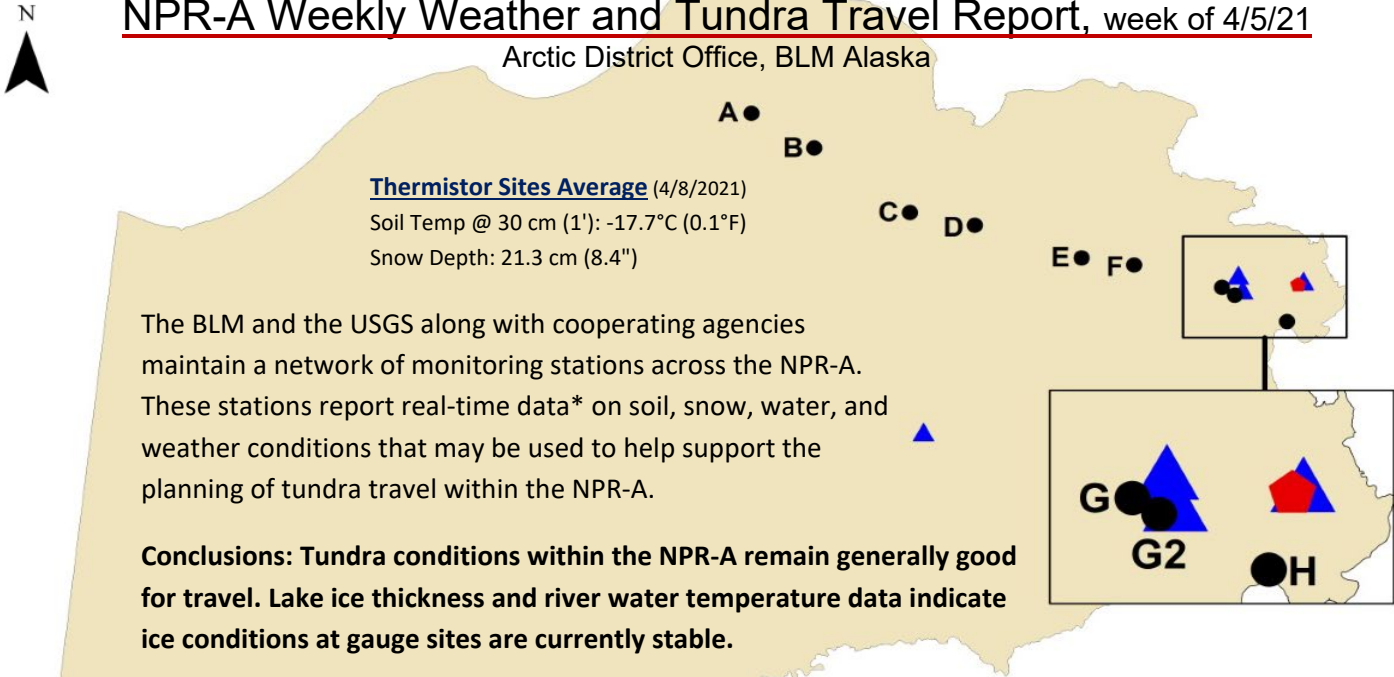




NPR-A Weekly Weather and Tundra Travel Report, week of 4/5/21

Arctic District Office, BLM Alaska



Thermistor Sites Average (4/8/2021)

Soil Temp @ 30 cm (1'): -17.7°C (0.1°F)
Snow Depth: 21.3 cm (8.4")

The BLM and the USGS along with cooperating agencies maintain a network of monitoring stations across the NPR-A. These stations report real-time data* on soil, snow, water, and weather conditions that may be used to help support the planning of tundra travel within the NPR-A.

Conclusions: Tundra conditions within the NPR-A remain generally good for travel. Lake ice thickness and river water temperature data indicate ice conditions at gauge sites are currently stable.

Thermistor Site A (4/8/2021)

Soil Temp @ 30 cm: -20.6°C (-5.1°F)
Snow Depth: NA

Thermistor Site B (4/8/2021)

Soil Temp @ 30 cm: -17.8°C (0.0°F)
Snow Depth: NA

Thermistor Site C (4/8/2021)

Soil Temp @ 30 cm: -14.2°C (6.4°F)
Snow Depth: 47.3 cm (18.6")

Site_Type

- ◆ Lake ice buoy
- ▲ Stream gauge
- Thermistor
- NPR-A Boundary

0 25 50 100 Kilometers

Thermistor Site D (4/8/2021)

Soil Temp @ 30 cm: -18.5°C (-1.3°F)
Snow Depth: 11.3 cm (4.4")

Thermistor Site E (4/8/2021)

Soil Temp @ 30 cm: -19.2°C (-2.6°F)
Snow Depth: 5.4 cm (2.1")

Thermistor Site F (4/8/2021)

Soil Temp @ 30 cm: -14.2°C (6.4°F)
Snow Depth: NA

Thermistor Site G (4/8/2021)

Soil Temp @ 30 cm: -15.8°C (3.6°F)
Snow Depth: 40.5 cm (15.9")

Thermistor Site G2 (4/8/2021)

Soil Temp @ 30 cm: -21.3°C (-6.3°F)
Snow Depth: 2 cm (0.8")

Thermistor Site H (4/8/2021)

Soil Temp @ 30 cm: -17.9°C (-0.2°F)
Snow Depth: NA

Stream Gauge Ublutuoch River (4/8/21)

Water Stage Height: 7.8' (above MSL)
Water Temp: -1.5°C (29.3°F)
Air Temp (1-week high): -21.2°C (-6.2°F) 4/2/21
Air Temp (1-week low): -37.9°C (-36.2°F) 4/3/21
Air Temp (1-week avg): -27.2°C (-17.0°F)

Stream Gauge Judy Creek (4/8/21)

Water Stage Height: 22.1' (above MSL)
Water Temp: -0.1°C (31.8°F)
Air Temp (1-week high): -18.2°C (-0.8°F) 4/6/21
Air Temp (1-week low): -37.4°C (-35.3°F) 4/8/21
Air Temp (1-week avg): -26.2°C (-15.2°F)

Lake Ice Buoy Richard's Pond (3/30/21)

Ice Thickness: >170 cm (66.9")
Snow Depth: 5 cm (2")
Air Temp (10-day avg): -25.9°C (-14.6°F)
Water Temp @1.5m: frozen

Stream Gauge Ikpikpuk River (4/8/21)

Water Stage Height: 13.2' (above MSL)
Water Temp: 0.3°C (32.5°F)
Air Temp (1-week high): -19.1°C (-2.4°F) 4/6/21
Air Temp (1-week low): -37.5°C (-35.5°F) 4/8/21
Air Temp (1-week avg): -27.1°C (-16.8°F)
Max Wind Speed (1-week high): 24.8 MPH direction: 29°

Stream Gauge Fish Creek (4/8/21)

Water Stage Height: 18.8' (above MSL)
Water Temp: -0.1°C (31.8°F)
Air Temp (1-week high): -20.3°C (-4.5°F) 4/2/21
Air Temp (1-week low): -36.7°C (-34.0°F) 4/8/21
Air Temp (1-week avg): -26.3°C (-15.3°F)
Max Wind Speed (1-week high): 27.3 MPH direction: 44°

For questions, please contact Matthew Ferderbar: mferderbar@blm.gov or Katie Drew: ksdrew@blm.gov.

*The number of stations reporting, and the dates of their last report may vary throughout the winter due to telemetry delays or failures. Station locations are depicted on the map above. The data shown is considered raw data and is reported "as-is".