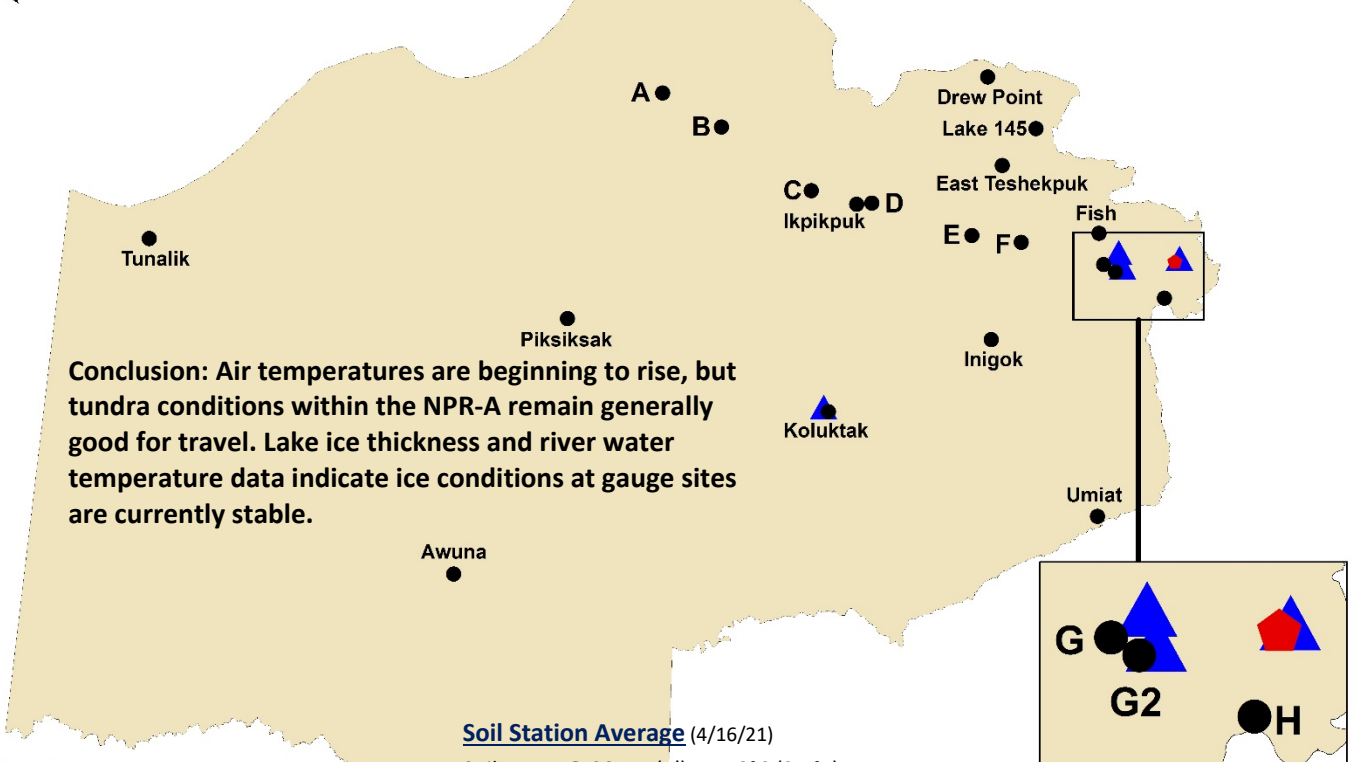




# NPR-A Weekly Weather and Tundra Travel Report, week of 4/16/21

Arctic District Office, BLM Alaska



**Conclusion:** Air temperatures are beginning to rise, but 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.

### Soil Station Average (4/16/21)

Soil Temp @ 30 cm (1'): -15.9°C (3.4°F)  
Snow Depth: 25.1 cm (9.9")

### Site Type

- Soil station
- ▲ Stream gauge
- ◆ Lake ice buoy
- NPR-A Boundary



### Soil Station A (4/16/21)

Soil Temp @ 30 cm: -18.2°C (-0.8°F)  
Snow Depth: NA

### Soil Station D (4/16/21)

Soil Temp @ 30 cm: -17.0°C (1.4°F)  
Snow Depth: 10.3 cm (4.1")

### Soil Station G (4/16/21)

Soil Temp @ 30 cm: -15.4°C (4.3°F)  
Snow Depth: 32.5 cm (12.8")

### Soil Station Awuna (4/15/21)

Soil Temp @ 30 cm: NA  
Snow Depth: 29.5 cm (11.6")

### Soil Station Fish Creek (4/15/21)

Soil Temp @ 30 cm: -16.6°C (2.1°F)  
Snow Depth: 18.9 cm (7.4")

### Soil Station Koluktak (4/15/21)

Soil Temp @ 30 cm: -16.4°C (2.5°F)  
Snow Depth: 27.8 cm (10.9")

### Soil Station B (4/16/21)

Soil Temp @ 30 cm: -16.9°C (1.6°F)  
Snow Depth: NA

### Soil Station E (4/16/21)

Soil Temp @ 30 cm: -17.4°C (0.7°F)  
Snow Depth: 3.4 cm (1.3")

### Soil Station G2 (4/16/21)

Soil Temp @ 30 cm: -19.3°C (-2.7°F)  
Snow Depth: 2 cm (0.8")

### Soil Station Drew Point (4/15/21)

Soil Temp @ 30 cm: -17.4°C (0.7°F)  
Snow Depth: 22.6 cm (8.9")

### Soil Station Ikpikpuk (4/15/21)

Soil Temp @ 30 cm: -16.5°C (2.3°F)  
Snow Depth: 26.1 cm (10.3")

### Soil Station Lake 145 (4/15/21)

Soil Temp @ 30 cm: NA  
Snow Depth: 32.5 cm (12.8")

### Soil Station C (4/16/21)

Soil Temp @ 30 cm: -13.8°C (7.16°F)  
Snow Depth: 45.3 cm (17.8")

### Soil Station F (4/16/21)

Soil Temp @ 30 cm: -13.8°C (7.2°F)  
Snow Depth: NA

### Soil Station H (4/16/21)

Soil Temp @ 30 cm: -16.9°C (1.6°F)  
Snow Depth: NA

### Soil Station East Teshekpuk (4/15/21)

Soil Temp @ 30 cm: -15.9°C (3.4°F)  
Snow Depth: 12.5 cm (4.9")

### Soil Station Inigok (4/15/21)

Soil Temp @ 30 cm: -14.8°C (5.4°F)  
Snow Depth: 36.1 cm (14.2")

### Soil Station Piksiksak (4/15/21)

Soil Temp @ 30 cm: -14.8°C (5.4°F)  
Snow Depth: 36.1 cm (14.2")

**Soil Station Tunalik** (4/15/21)  
Soil Temp @ 30 cm: -16.8°C (1.8°F)  
Snow Depth: NA

**Soil Station Umiat** (4/15/21)  
Soil Temp @ 30 cm: -13.4°C (7.9°F)  
Snow Depth: 38.7 cm (15.2")

**Soil Station Umiat Airfield** (4/15/21)  
Soil Temp @ 30 cm: -11.6°C (11.1°F)  
Snow Depth: 27.9 cm (11.0")

**Stream Gauge Fish Creek** (4/16/21)  
Water Stage Height: 18.8' (above MSL)  
Water Temp: -0.1°C (31.8°F)  
Air Temp (1-week high): -9.1°C (15.6°F) 4/13/21  
Air Temp (1-week low): -34.6°C (-30.3°F) 4/20/21  
Air Temp (1-week avg): -20.7°C (-5.3°F)  
Max Wind Speed (1-week high): 19.3 MPH direction: 83°

**Stream Gauge Ikpikuk River** (4/16/21)  
Water Stage Height: 13.4' (above MSL)  
Water Temp: 0.3°C (32.5°F)  
Air Temp (1-week high): -2.8°C (27.0°F) 4/13/21  
Air Temp (1-week low): -35.7°C (-32.3°F) 4/11/21  
Air Temp (1-week avg): -20.2°C (-4.4°F)  
Max Wind Speed (1-week high): 16.2 MPH direction: 240°

**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 Judy Creek** (4/16/21)  
Water Stage Height: 22.1' (above MSL)  
Water Temp: -0.1°C (31.8°F)  
Air Temp (1-week high): -7.9°C (17.8°F) 4/13/21  
Air Temp (1-week low): -36.0°C (-32.8°F) 4/11/21  
Air Temp (1-week avg): -20.8°C (-5.4°F)

**Stream Gauge Ublutuoch River** (4/16/21)  
Water Stage Height: 7.7' (above MSL)  
Water Temp: -1.5°C (29.3°F)  
Air Temp (1-week high): -8.7°C (16.3°F) 4/13/21  
Air Temp (1-week low): -36.0°C (-32.8°F) 4/10/21  
Air Temp (1-week avg): -21.7°C (-7.1°F)

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".