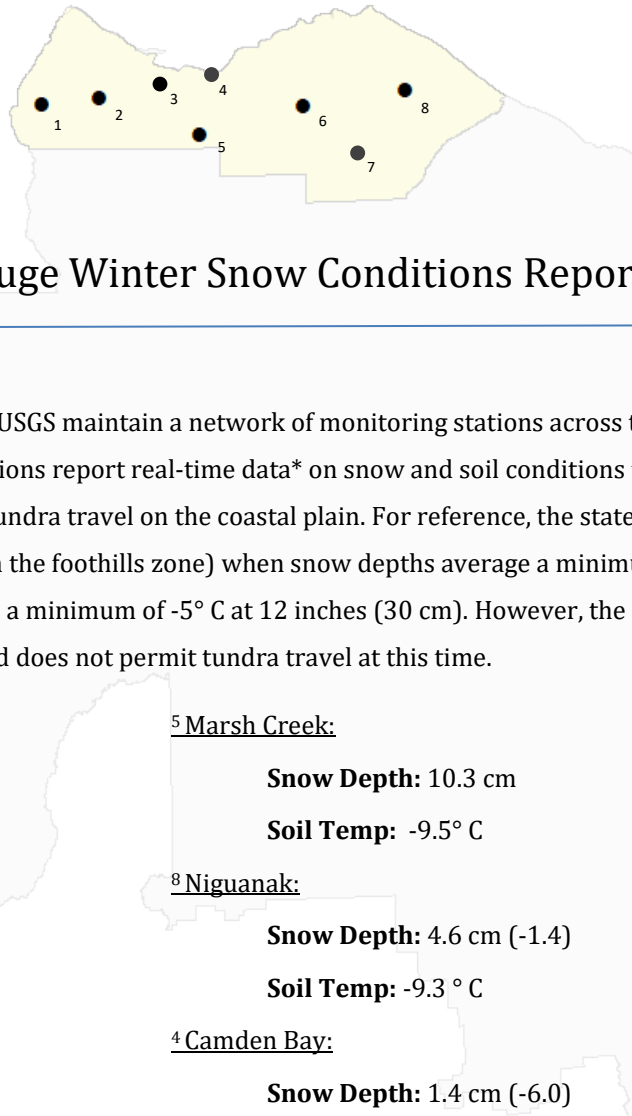


January 6, 2023



## Arctic National Wildlife Refuge Winter Snow Conditions Report

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The Arctic National Wildlife Refuge and the USGS maintain a network of monitoring stations across the coastal plain of the Arctic Refuge. These stations report real-time data\* on snow and soil conditions that may be used to help support future planning of tundra travel on the coastal plain. For reference, the state of Alaska considers tundra open for off-road travel (in the foothills zone) when snow depths average a minimum of 9 inches (22.9 cm) and the ground is frozen to a minimum of -5° C at 12 inches (30 cm). However, the Refuge has not established a minimum standard and does not permit tundra travel at this time.

<sup>1</sup>Upper Canning River:

**Snow Depth:** 13.8 cm  
**Soil Temp @ 20 cm:** *No report*

<sup>2</sup>Tamayariak:

**Snow Depth:** *No report*  
**Soil Temp:** *No report*

<sup>6</sup>Okpilak:

**Snow Depth:** *No report*  
**Soil Temp:** -9.4° C

<sup>7</sup>Iago:

**Snow Depth:** 34 cm  
**Soil Temp:** - 8° C

<sup>5</sup>Marsh Creek:

**Snow Depth:** 10.3 cm  
**Soil Temp:** -9.5° C

<sup>8</sup>Niguanak:

**Snow Depth:** 4.6 cm (-1.4)  
**Soil Temp:** -9.3 ° C

<sup>4</sup>Camden Bay:

**Snow Depth:** 1.4 cm (-6.0)  
**Soil Temp** *No report*

<sup>3</sup>Katakturak East:

**Snow Depth:** *No report*  
**Soil Temp:** *No report*

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**Averages:**

**Snow Depth:** 12.8 cm (**Under Minimum Standard**)

**Soil Temp at 30 cm:** -9.0° C (**Over Minimum Standard**)

For questions, please contact Paul Leonard: paul\_leonard@fws.gov

\* The number of stations reporting and dates of their last report may vary throughout the winter due to telemetry delays or failures. Station locations are depicted on map above