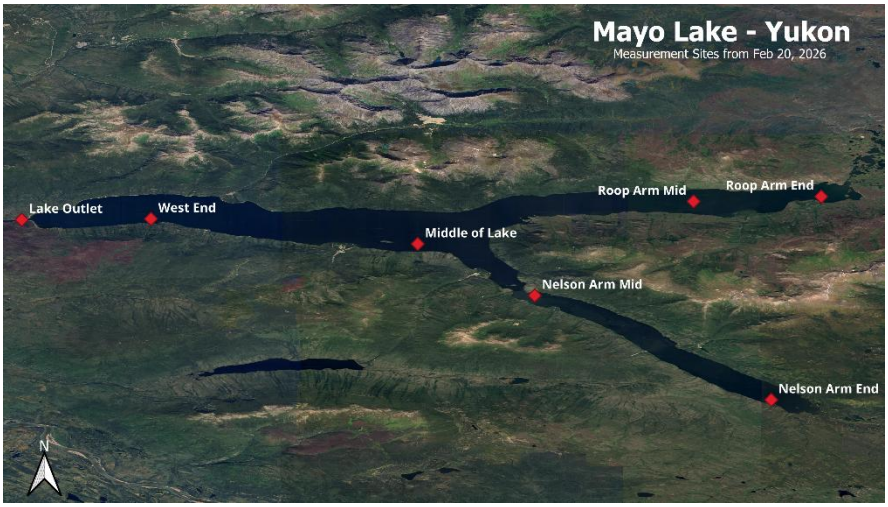
Mayo Lake/Daghro Män/Ts'agro Män Ice Monitoring Program

February 2026

Summary

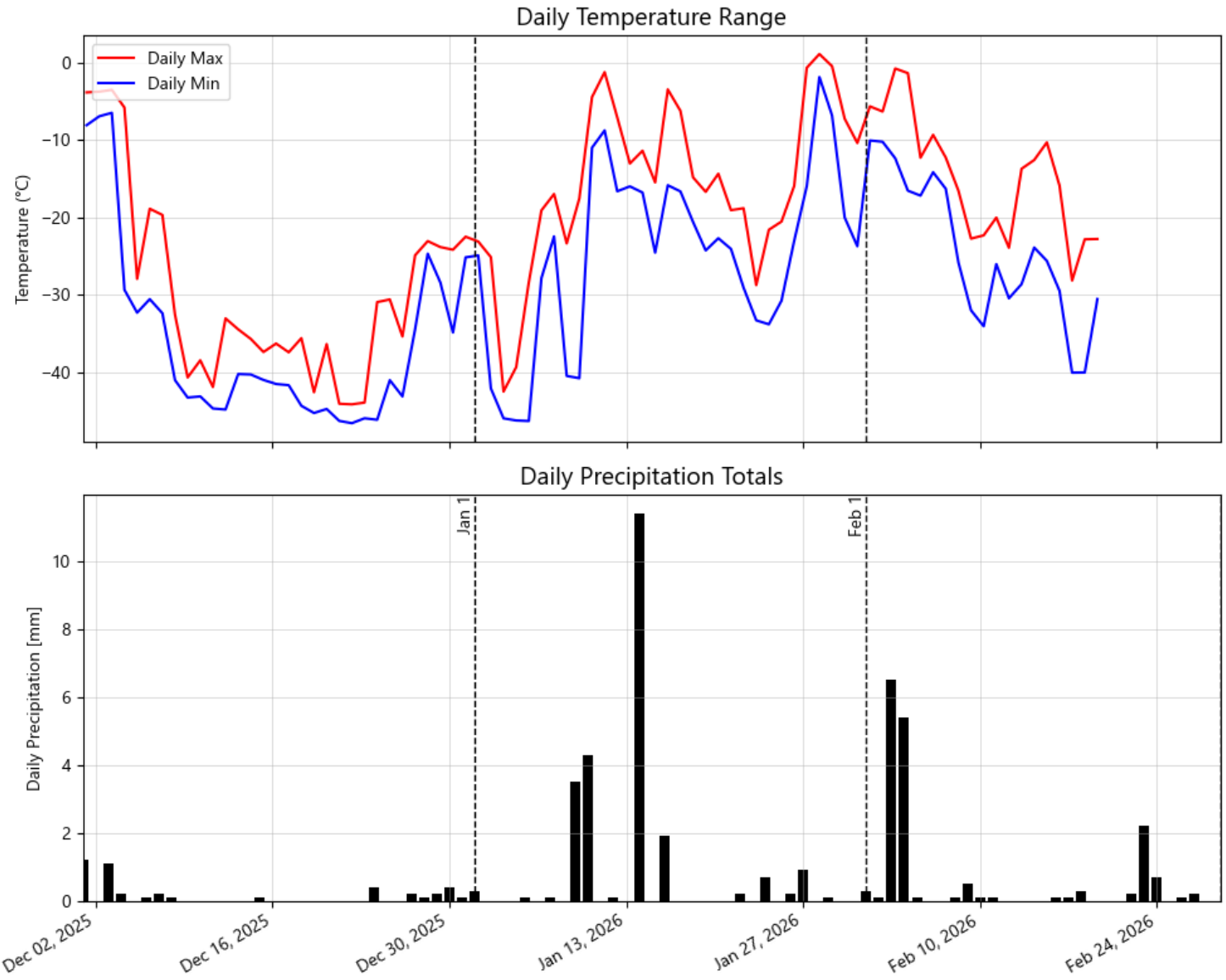
- **Nelson Arm -** Extensive overflow (30 - 45cm deep under the snow) making it impassable
- **Roop Arm –** Significant overflow but passable
- **Outlet –** Covered in open water and unsafe ice.
- Water levels are dropping resulting in ice shelves and overflow along the shorelines
- No leads noted in areas visited



Ice Observation – Feb 20, 2026

Location on Lake	Snow Depth [cm]	Ice Thickness [cm]
Lake Outlet	Unsafe to Measure	Unsafe to Measure
West End	43	82
Middle of Lake	41	75
Roop Arm Mid	38	86
Roop Arm End	49	63
Nelson Arm Mid	54	55
Nelson Arm End	Unable to reach due to overflow	Unable to reach due to overflow

Weather Observations

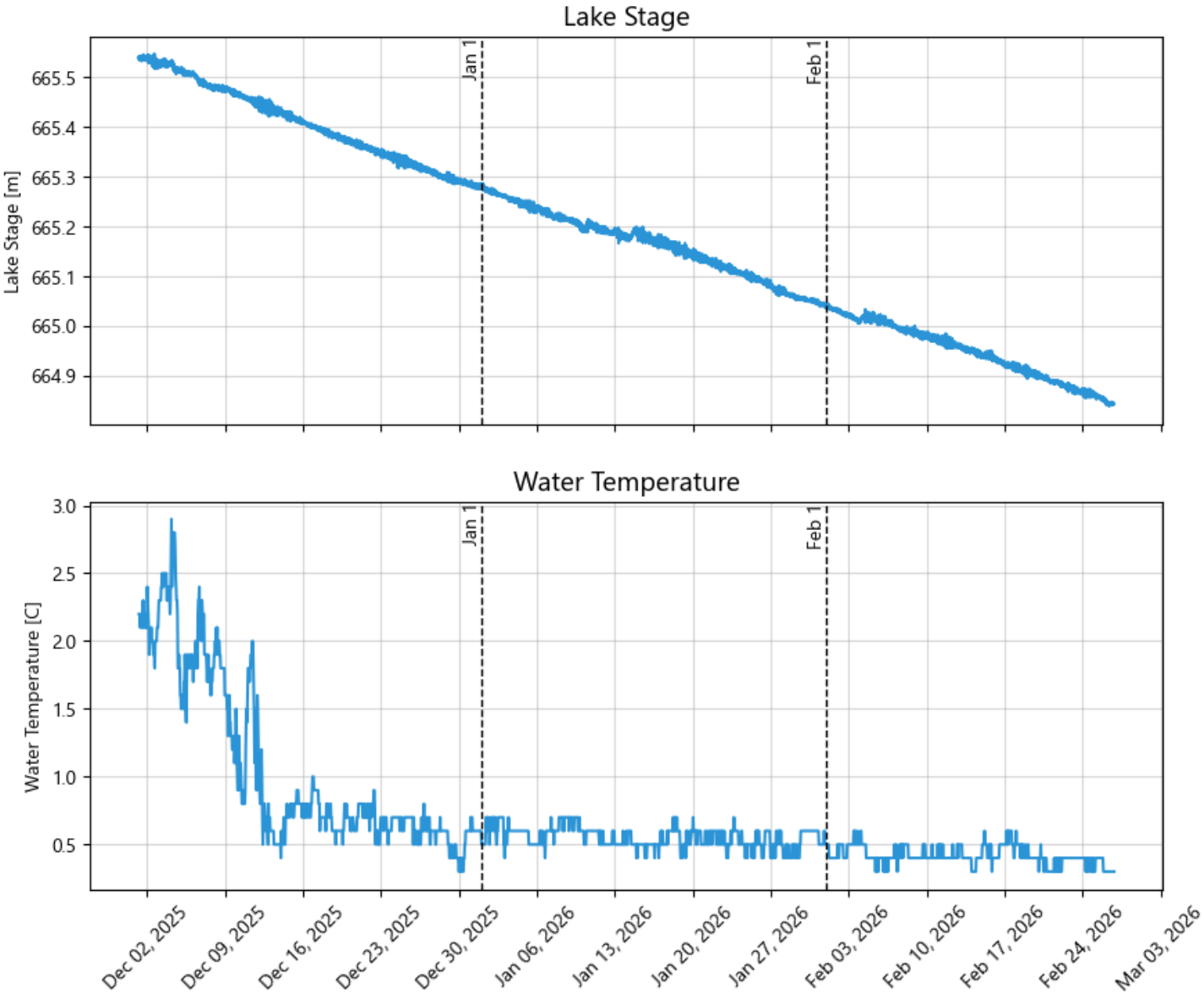


Notes:

a. Precipitation observations are from Mayo Townsite (EC54178)

b. Temperature observations are from Mayo Lake Control Structure site

Lake Observations



Notes:

c. Lake observations are from Water survey of Canada gauge 09DC005 near the outlet of Mayo Lake

Mayo Lake Site Pictures & Observations

Lake Outlet

Unsafe to measure snow and ice due to open water

West End

Good quality black ice. Completely submerged ice hole (submerged by 1.9cm)

Middle of Lake

Good quality black ice with no overflow.

Nelson Arm Mid

Good quality black ice with back pressure causing water to flow out of hole, creating overflow.

Roop Arm Mid

Spots of overflow going down middle of Roop Arm and along the shoreline. Good quality black ice.

Roop Arm End

Good quality black ice with back pressure causing overflow (5.5cm of water on top of hole).

Nelson Arm End

Significant overflow along the shores and central arm. Overflow depths ranging from 30 to 45 centimetres deep. Significant snow load on the arm ranging from 40 to 70 centimeters. Was unable to reach the end of the arm with snowmobile (got really stuck in the overflow).