In Inuvik, the high water yesterday was close, but not quite a record level. It peaked at a level of 16.5 m around 4:30 am MDT yesterday and has since fallen 56 cm to sit at 15.95 m at 05:35 am MST. Thanks to the efforts of Water Survey staff, the gauge in Peel Channel above Aklavik (10MC003) has been restored. It shows a sharp rise on May 27 – 28 but has since remained relatively level in a prolonged peak resembling that of 2009 (see daily water level plot below). Aklavik seems to have been spared from the flooding due to the lack of nearby ice jamming in West Channel. However, the prolonged peak could be indicative of ice jamming downriver so continued vigilance is necessary on that side of the delta. In the outer Delta, the gauge in Napoiak Channel above Shallow Bay (10MC023) went through some ice chaos but seems to have survived and has since levelled at ~13.8 m as of 05:25 am today.

On yesterday’s Sentinel imagery, East Channel is largely clear of ice to Tununuk Point, where some continued jamming is visible. In Middle Channel, ice remains in place at the ‘trifurcation’ near Tununuk Point. Moving upriver from there, the imagery shows some mobile ice along the banks between the ‘trifurcation’ and the confluence with Oniak Channel. Further upriver, Middle Channel is largely ice-free apart from some remnant ice around ‘Horseshoe Bend’. Again, caution is advised when travelling as the possibility of ice moving downriver, remains.

The outer delta area was partly obscured by cloud on yesterday’s imagery and is not shown.
Sentinel 2 true-colour image of the central Mackenzie Delta yesterday (June 1), showing ice remaining in both Middle and East Channels near Tununuk Point. Image data courtesy Copernicus Sentinel Hub.
East Channel at Inuvik (10LC002)

June 2, 2020

Most recent partial daily water level (date shown) vs. the max recorded daily level (2006).

Last Updated (MST)
2020-06-02 5:35 AM

Current Water Level (m)
15.95

24 Hour Change (m)
-0.56

Real-time water level and discharge data are courtesy of Environment Canada - Water Survey of Canada.

https://www.canada.ca/en/environment-climate-change/services/water
Peel Channel above Aklavik (10MC003)

Most recent partial daily water level (date shown) vs the max recorded daily peak (2006).

Last Updated (MST) 
2020-06-02 7:25:00 AM

Current Water Level (m) 
14.83

24 Hour Change (m) 
0.01

Real-time water level and discharge data are courtesy of Environment Canada - Water Survey of Canada. 
Mackenzie River (Napoiak Channel) above Shallow Bay (10MC023)

January - June 2020

Water Level Change (m)

Most recent partial daily water level (date shown) vs. the max recorded daily level (2006).

Current Water Level (m) 13.82

24 Hour Water Level Change (m) 0.27

Daily Water Level Change (m) 0.21

Last Updated (MST) 6/2/2020 5:25:00 AM

Real-time water level and discharge data are courtesy of Environment Canada - Water Survey of Canada.