Yukon Conditions Report

July 8, 2024 at 7:00

# Summary of water levels and level changes

Level data is pulled from [historical](https://wateroffice.ec.gc.ca/mainmenu/historical_data_index_e.html) and [real-time](https://wateroffice.ec.gc.ca/mainmenu/real_time_data_index_e.html) hydrometric data published by Water Survey of Canada.

| Station name (number) | Current level (m) | Current level (masl) | Current percent historic | 24 hr change (cm) | 48 hr change (cm) | 72 hr change (cm) | Current return period | Last data age |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Keele River Above Twitya River ([10HA004](https://wateroffice.ec.gc.ca/report/real_time_e.html?stn=)) | NA | NA | NA | NA | NA | NA | NA | NA |
| Nordenskiold River Below Rowlinson Creek ([09AH004](https://wateroffice.ec.gc.ca/report/real_time_e.html?stn=)) | NA | NA | NA | NA | NA | NA | NA | NA |
| Klondike River Above Bonanza Creek ([09EA003](https://wateroffice.ec.gc.ca/report/real_time_e.html?stn=)) | NA | NA | NA | NA | NA | NA | NA | NA |
| Yukon River At Dawson ([09EB001](https://wateroffice.ec.gc.ca/report/real_time_e.html?stn=)) | NA | NA | NA | NA | NA | NA | NA | NA |
| Stewart River Near Mayo ([09DC006](https://wateroffice.ec.gc.ca/report/real_time_e.html?stn=)) | NA | NA | NA | NA | NA | NA | NA | NA |

# Summary of flows and flow changes in m3/s

Flow data is pulled from [historical](https://wateroffice.ec.gc.ca/mainmenu/historical_data_index_e.html) and [real-time](https://wateroffice.ec.gc.ca/mainmenu/real_time_data_index_e.html) hydrometric data published by Water Survey of Canada.

# Accumulated Precipitation Above Stations

Precipitation data could not be fetched at this time. This likely reflects a network, server, or data availability issue.

# Keele River Above Twitya River (station 10HA004 )

### Level

### Flow

Station 10HA004 does not appear to have real-time flow (discharge) data right now.

# Nordenskiold River Below Rowlinson Creek (station 09AH004 )

### Level

### Flow

Station 09AH004 does not appear to have real-time flow (discharge) data right now.

# Klondike River Above Bonanza Creek (station 09EA003 )

### Level

### Flow

Station 09EA003 does not appear to have real-time flow (discharge) data right now.

# Yukon River At Dawson (station 09EB001 )

### Level

### Flow

Station 09EB001 does not appear to have real-time flow (discharge) data right now.

# Stewart River Near Mayo (station 09DC006 )

### Level

### Flow

Station 09DC006 does not appear to have real-time flow (discharge) data right now.

# Recent precipitation

The following images represent precipitation in and around Yukon. Each image integrates precipitation (from observations and remote sensing) over the 24 hours prior to the image’s valid date/time (Yukon time).

# {r HRDPA, eval=TRUE, echo=FALSE, message=FALSE, warning=FALSE, fig.height=4.15, fig.width=7, results='asis'} # tryCatch({ # wxfiles<- list.files("//cs-fs2/cs-data/PS/Weather/WeatherFiles/Common/Grads\_images/sumRDPA/hrdpa/24/", pattern="\\.png$") # par(mar=c(0,0,0,0)) #sets the plot margins to 0 - important # # imager::load.image(paste0("//cs-fs2/cs-data/PS/Weather/WeatherFiles/Common/Grads\_images/sumRDPA/hrdpa/24/", wxfiles[length(wxfiles)])) %>% imager::crop.borders(nx=0, ny=18) %>% plot(axes=FALSE) # # cat(" \n \n ") # imager::load.image(paste0("//cs-fs2/cs-data/PS/Weather/WeatherFiles/Common/Grads\_images/sumRDPA/hrdpa/24/", wxfiles[length(wxfiles)-2])) %>% imager::crop.borders(nx=0, ny=18) %>% plot(axes=FALSE) # }, error=function(e) { # cat("HRDPA images cannot be fetched from the YG server. Are you on a different network? \n \n ") # }) # # #

ewpage Fetching images failed. Do you have login credentials in your .Renviron file? Check the function notes for details.

# Hydrometric station information

Water level and/or flow data is pulled from [historical](https://wateroffice.ec.gc.ca/mainmenu/historical_data_index_e.html) and [real-time](https://wateroffice.ec.gc.ca/mainmenu/real_time_data_index_e.html) hydrometric data published by the Government of Canada. Return intervals are plotted where available, representing two, ten, one hundred, and two hundred year return intervals. All datum elevations are in reference to the Canadian Geodetic Vertical Datum of 1928 (CGVD28).

These are the stations contained in this report:

| Station | Start year | Latitude | Longitude | Datum |
| --- | --- | --- | --- | --- |
| Keele River Above Twitya River ([10HA004](https://wateroffice.ec.gc.ca/report/real_time_e.html?stn=)) | Level: NA Flow: NA | 64.14 | -128.21 | Local datum [1] |
| Nordenskiold River Below Rowlinson Creek ([09AH004](https://wateroffice.ec.gc.ca/report/real_time_e.html?stn=)) | Level: NA Flow: NA | 62.05 | -136.28 | CGVD2013:2010 [2] |
| Klondike River Above Bonanza Creek ([09EA003](https://wateroffice.ec.gc.ca/report/real_time_e.html?stn=)) | Level: NA Flow: NA | 64.04 | -139.41 | CGVD2013:2010 [2] |
| Yukon River At Dawson ([09EB001](https://wateroffice.ec.gc.ca/report/real_time_e.html?stn=)) | Level: NA Flow: NA | 64.07 | -139.43 | CGVD2013:2010 [2] |
| Stewart River Near Mayo ([09DC006](https://wateroffice.ec.gc.ca/report/real_time_e.html?stn=)) | Level: NA Flow: NA | 63.59 | -135.90 | CGVD2013:2010 [2] |

**Notes:**  
[1] Arbitrary datum relative to station or other nearby fixed point.  
[2] Vertical datum in Canadian Geodetic Vertical Datum of 2013, epoch 2010 [(CGVD2013:2010](https://cgrsc.ca/resources/geodetic-control-networks/vertical-control-networks/)).

# Additional information

This report was generated with the R package YukonFLoods built and maintained by the Yukon Department of Environment, Water Resources Branch and the RCOE within DFO. Please [contact us](mailto:Robin.Brand@yukon.ca) to report erroneous or missing data.