



Even with the cooler temperatures, we continue to experience low water levels throughout the Boundary region. For the first time ever in the Boundary Region, a Ministerial Order has been placed on the West Kettle River watershed requiring that all water withdrawal for irrigation (forage) be stopped until the end of September.

Ministerial Order: West Kettle River: www.bclaws.gov.bc.ca/civix/document/id/mo/mo/m0335_2021

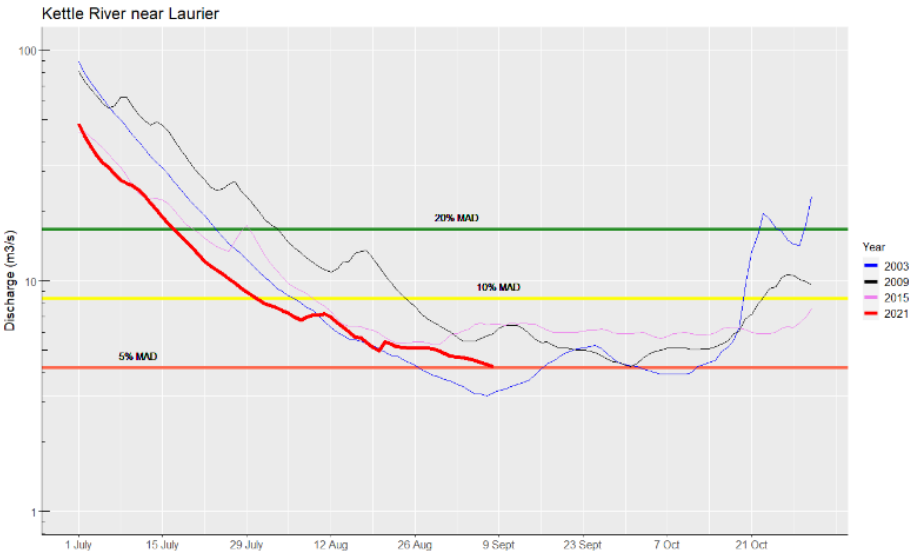
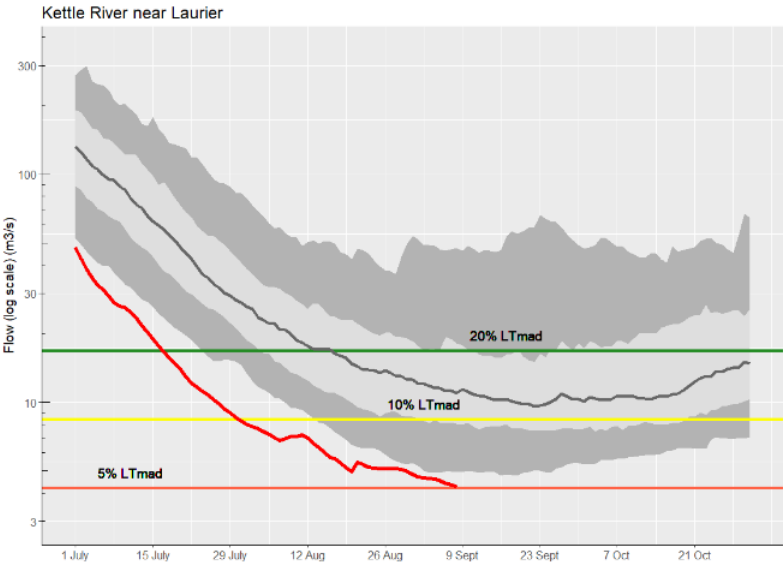
Kettle River just south of Rock Creek on August 21, 2020 (left photo) and August 20, 2021 (right photo)



Comparing drought years: 2003, 2009, 2015 and 2021. Graph format provided by Natasha Neumann, Province of BC.

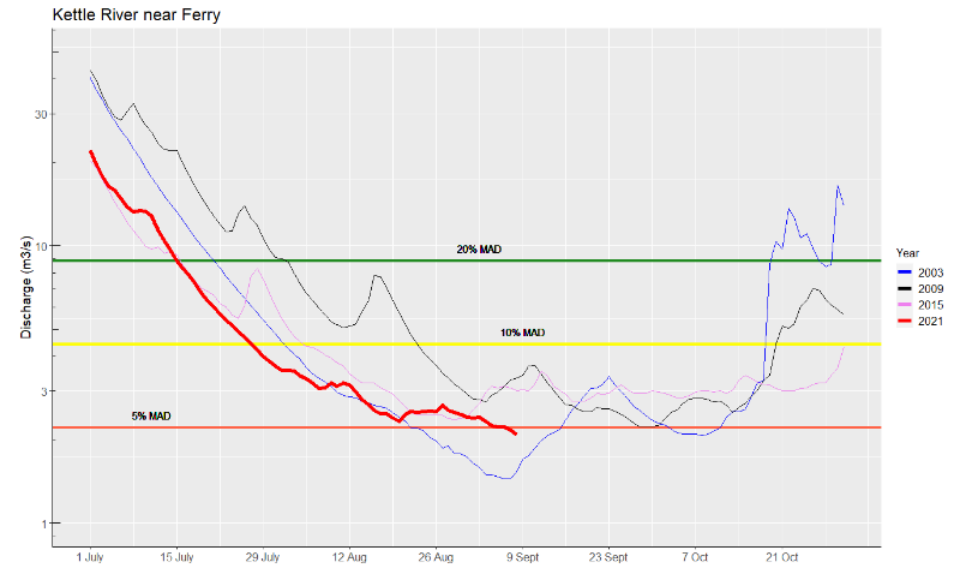
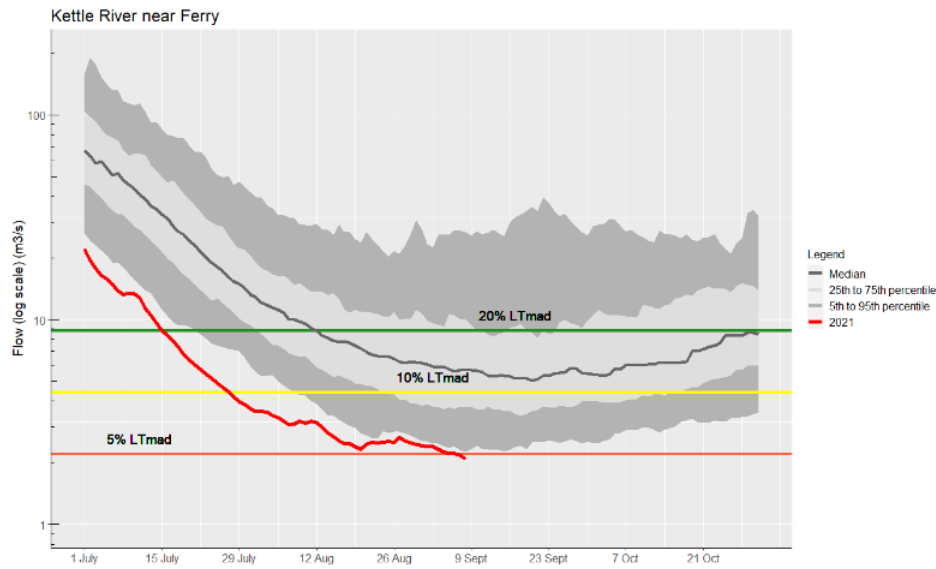


Kettle River at Trestle Bridge



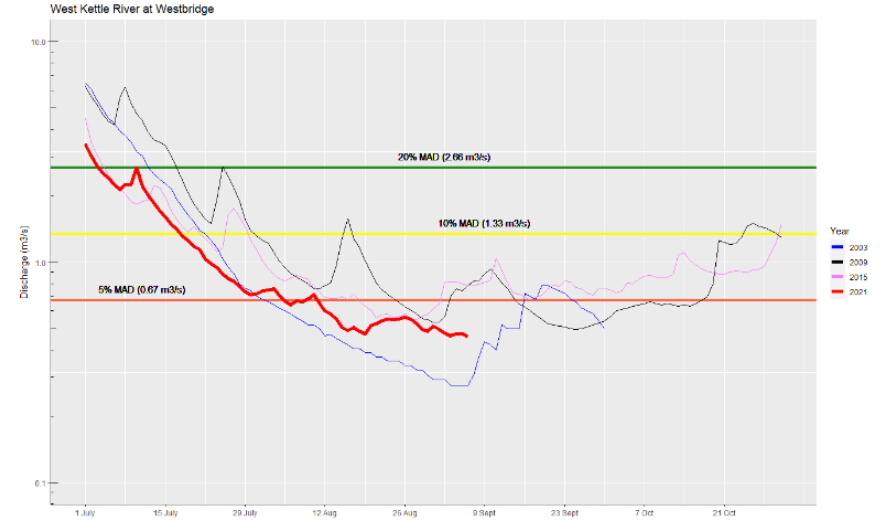
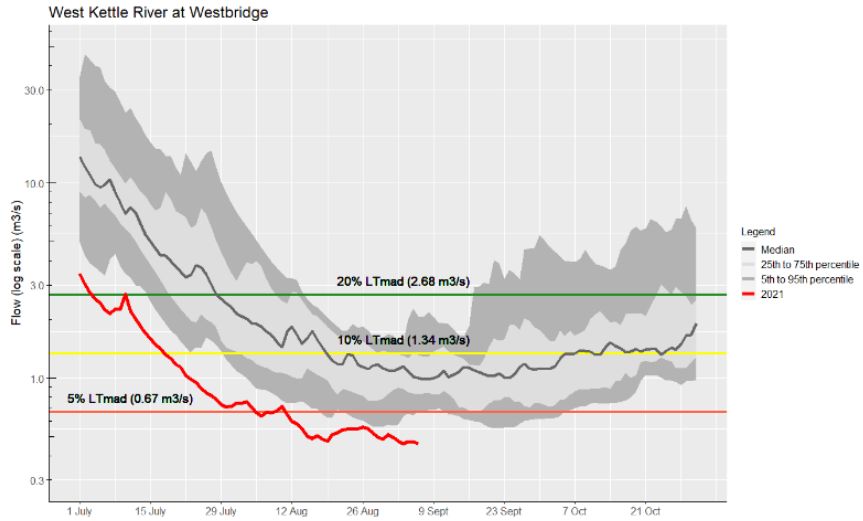


Kettle River at Midway



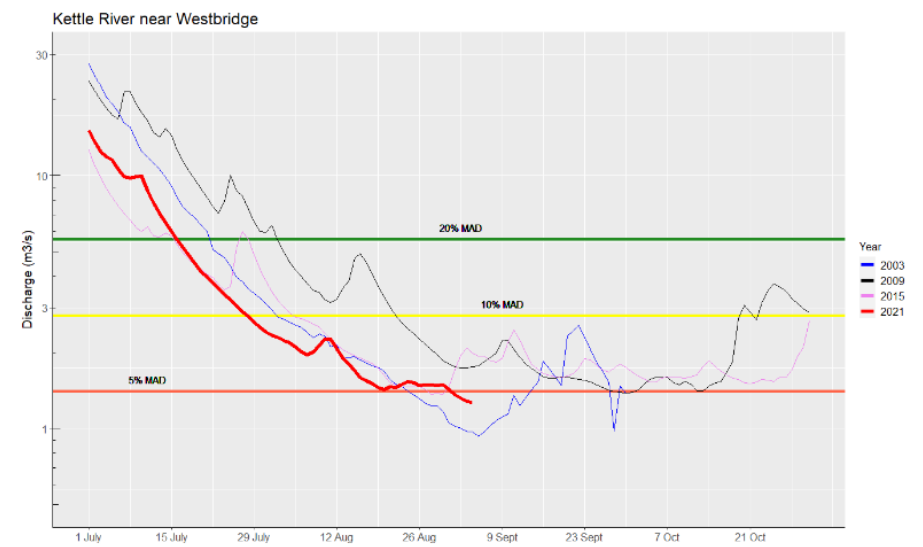
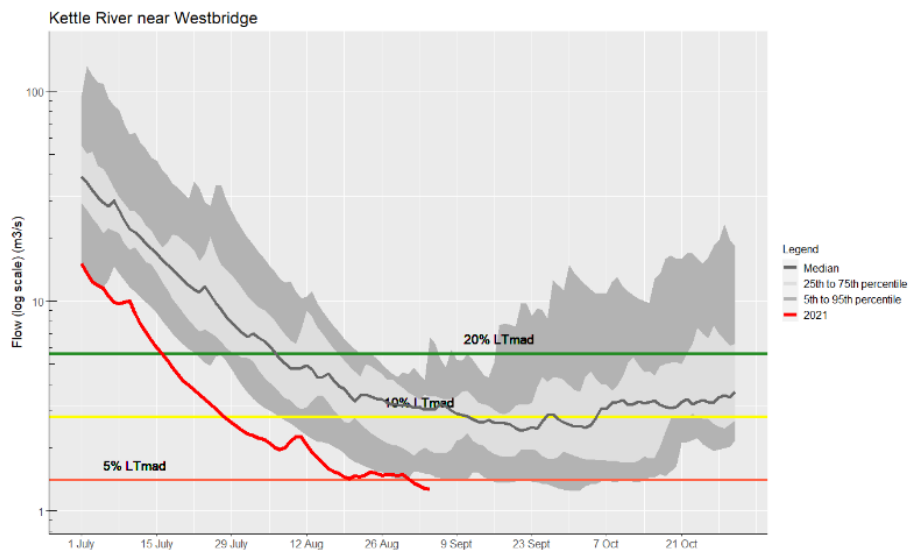


West Kettle downstream of Trapping Creek



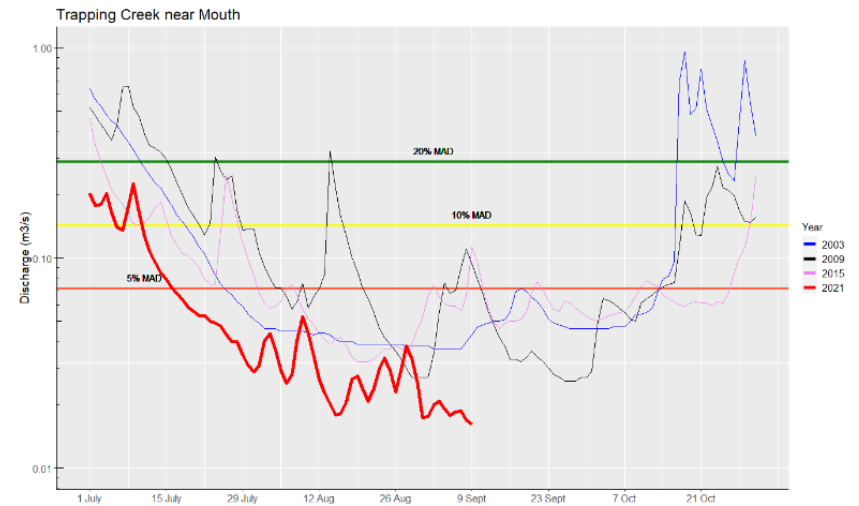
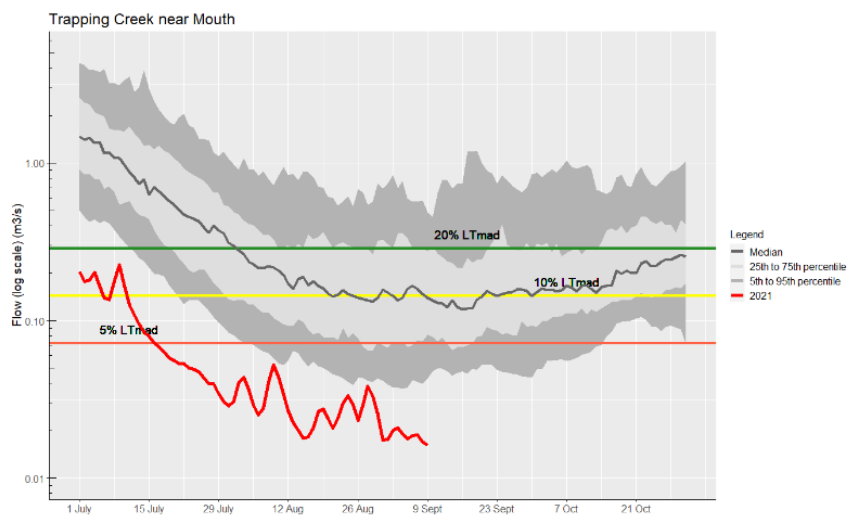


Kettle River downstream of Canyon

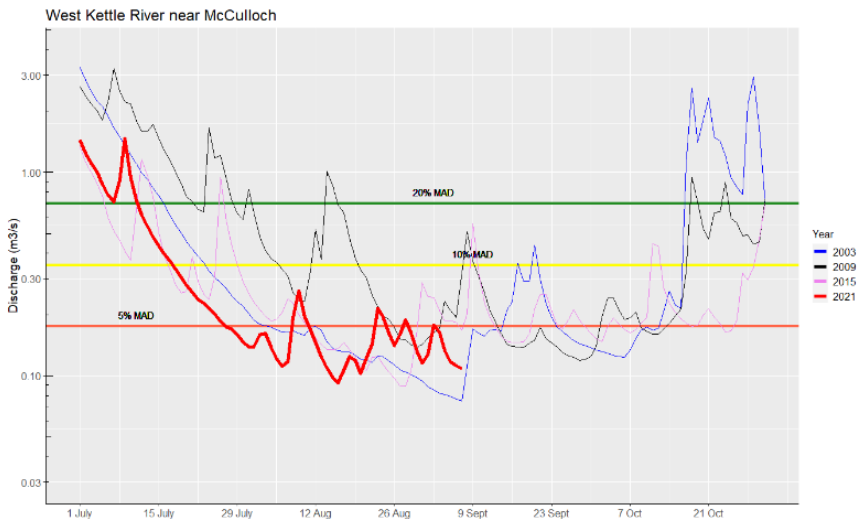
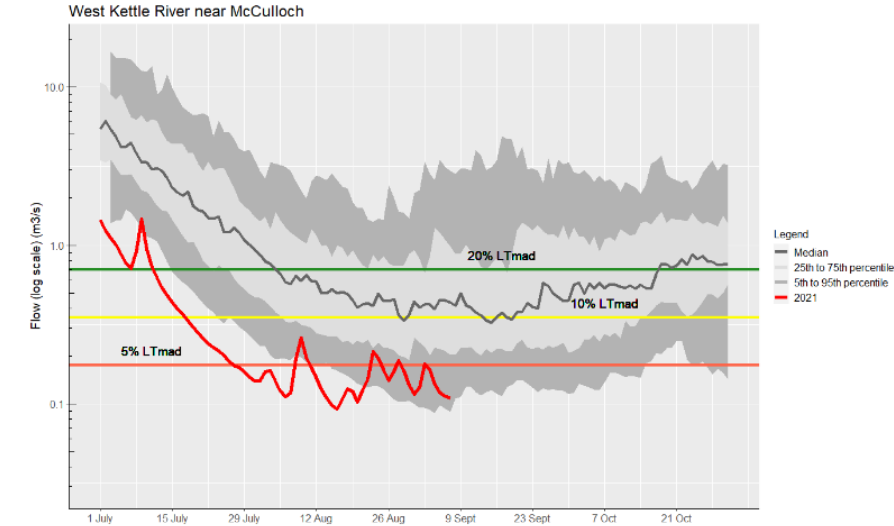




Trapping Creek at mouth

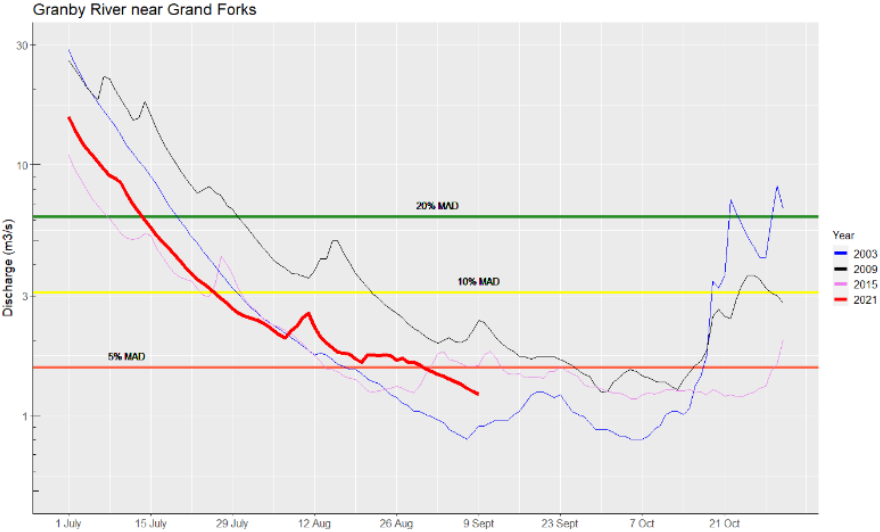
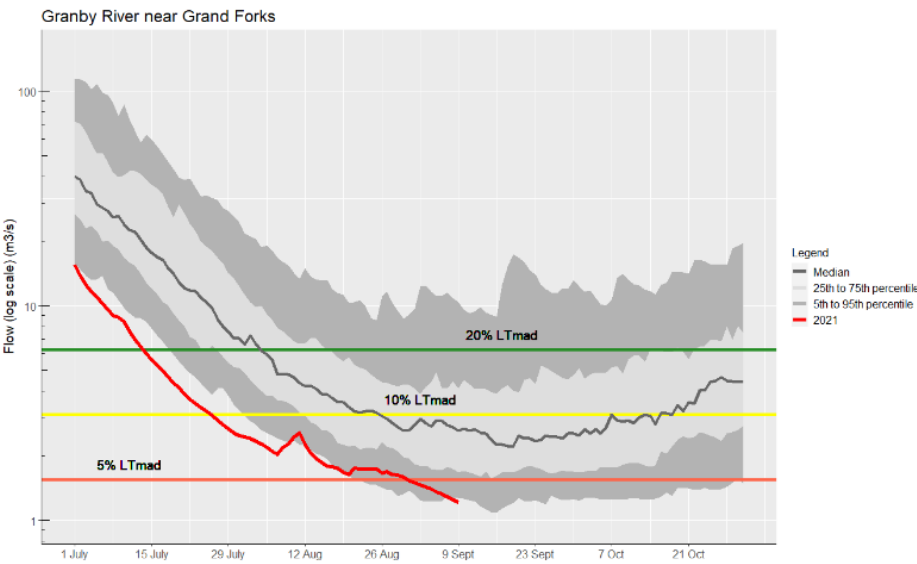


West Kettle at McCulloch



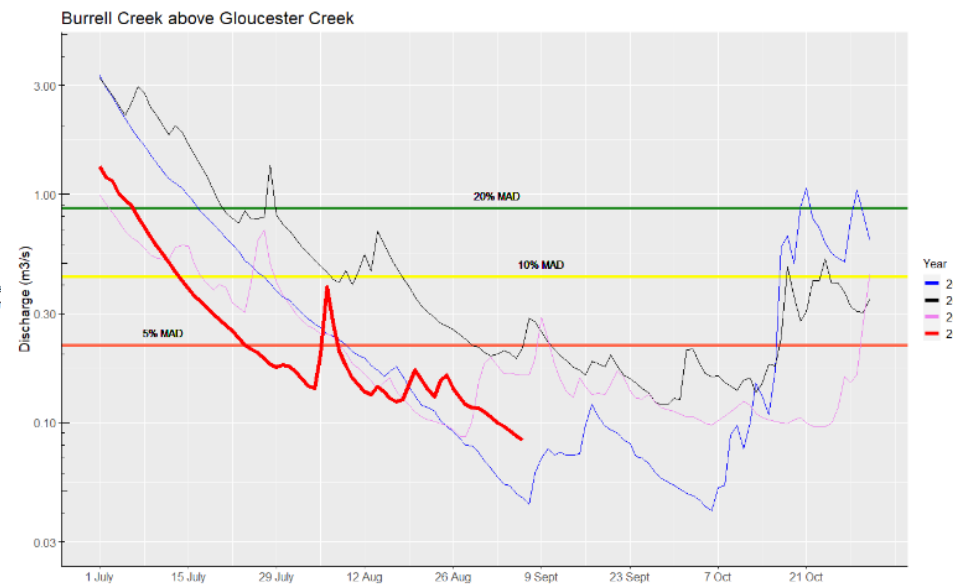
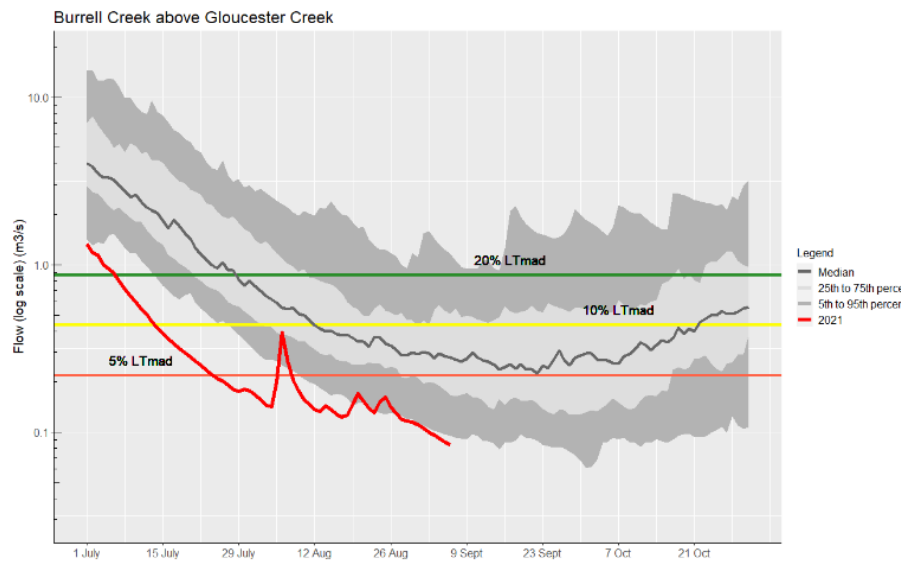


Granby River





Burrell Creek at old dam



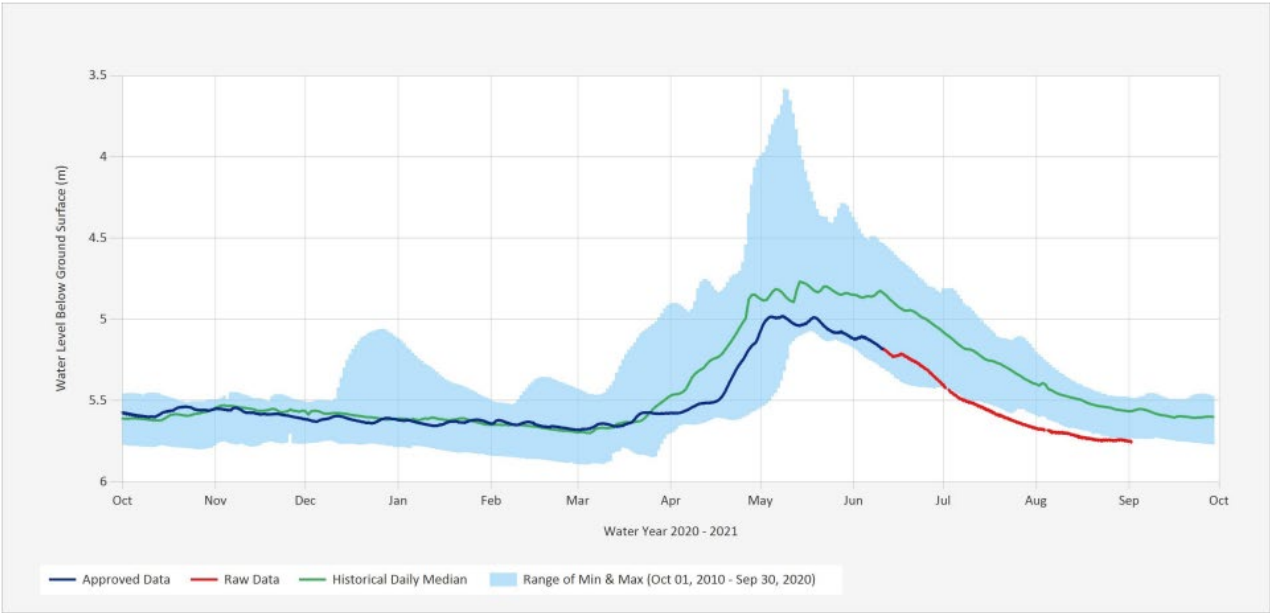


Boundary Creek, Sept 2021

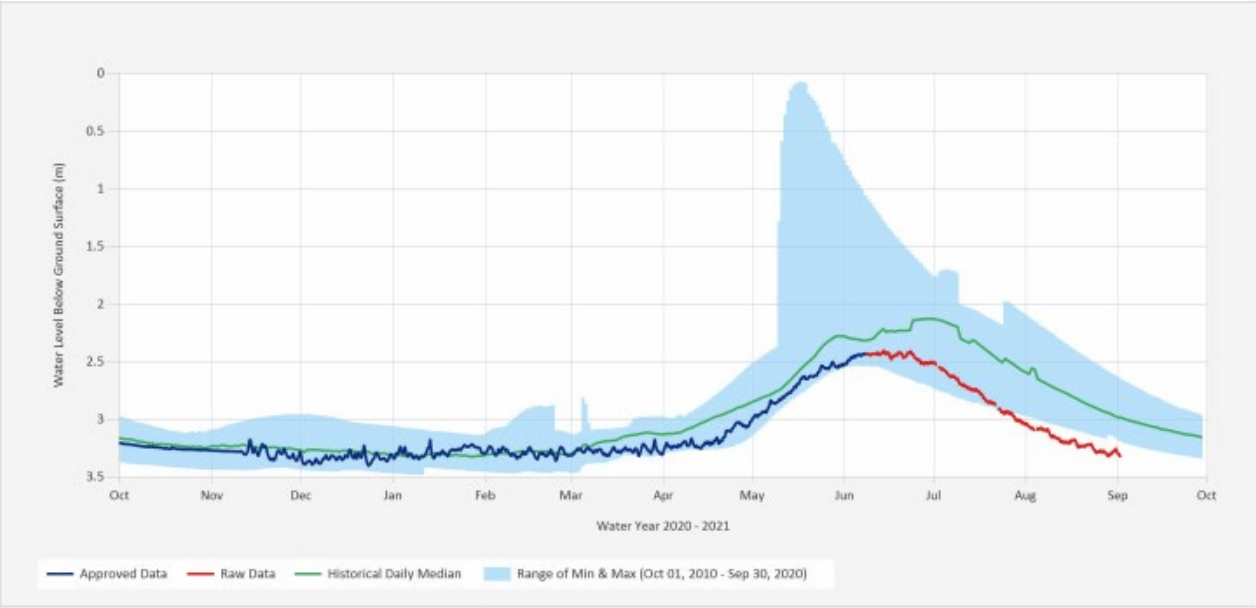


Lynch Creek, Sept 2021

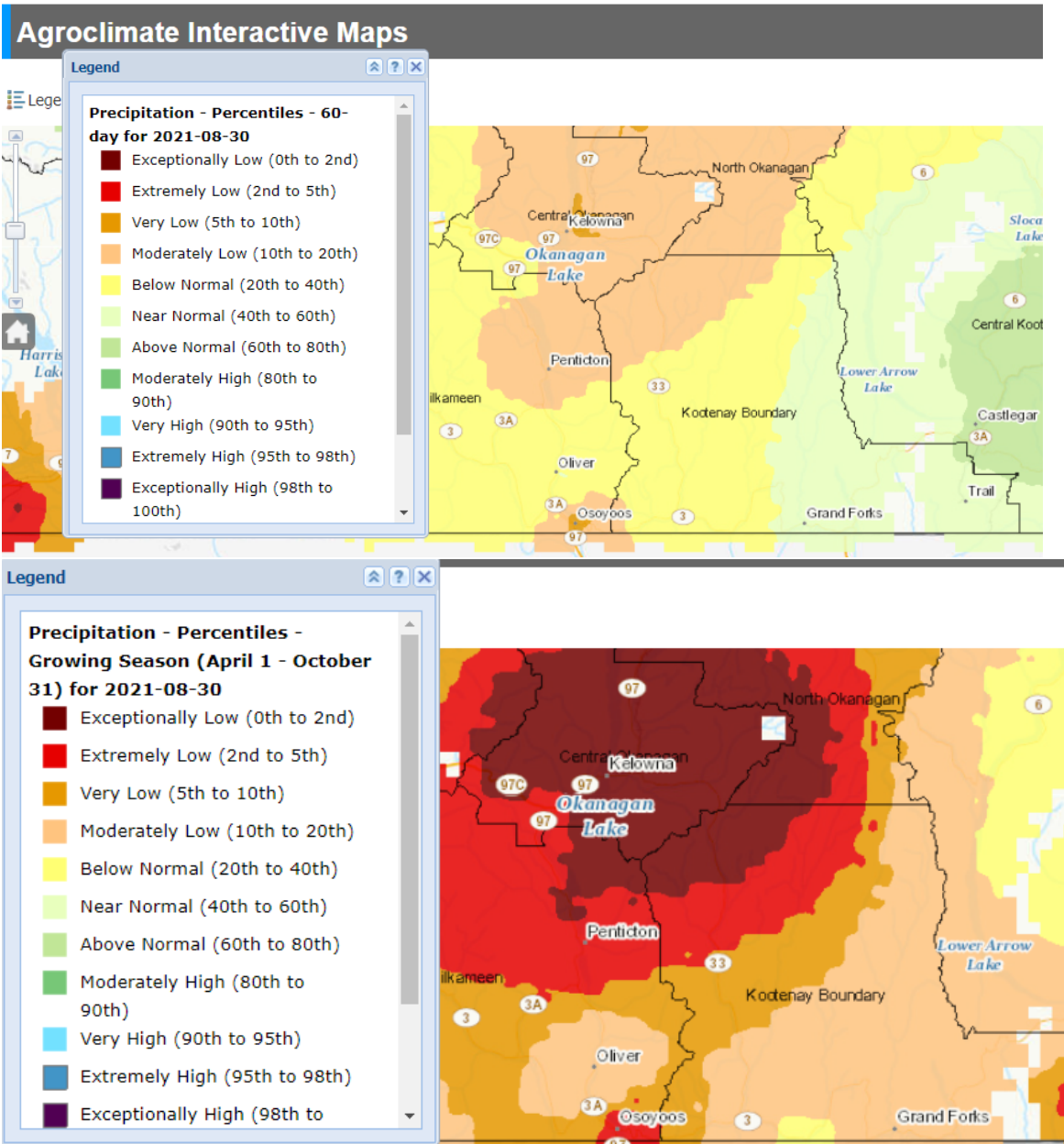
Groundwater Observation Wells. Source: [BC Groundwater Observation Wells](#)



Beaverdell Observation Well (Note: the average range shown is based on the last 10 years, so does not represent the range of data from the entire life of the well)



Grand Forks Observation Well (Note: the average range shown is based on the last 10 years, so does not represent the range of data from the entire life of the well)



Total rain recorded at local climate stations over the month of August. Source: [Kootenay Boundary Water Tool](#)

Climate Station	August rain (mm)
Grand Forks	24 mm
Rock Creek	17 mm
Eight Mile (Granby watershed)	35 mm
Nicoll (Granby watershed)	47 mm
Beaverdell	17 mm
Ida Bell	37 mm

Forecasts. Source: [Environment Canada](#)

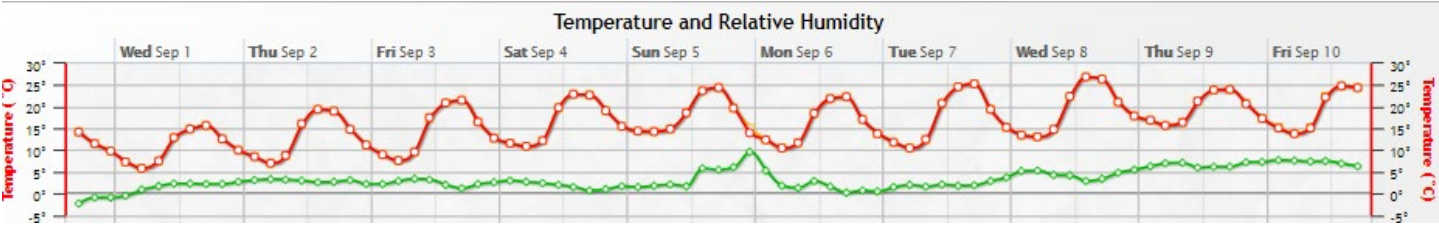
Grand Forks

	Fri 10 Sep	Sat 11 Sep	Sun 12 Sep	Mon 13 Sep	Tue 14 Sep	Wed 15 Sep
	 26°C 40% Chance of showers	 26°C Sunny	 22°C A mix of sun and cloud	 22°C A mix of sun and cloud	 22°C A mix of sun and cloud	 19°C 60% Chance of showers
<u>Tonight</u>	Night	Night	Night	Night	Night	
 10°C A few clouds	 12°C Periods of rain	 11°C Cloudy periods	 10°C Cloudy periods	 9°C Cloudy periods	 11°C 60% Chance of showers	

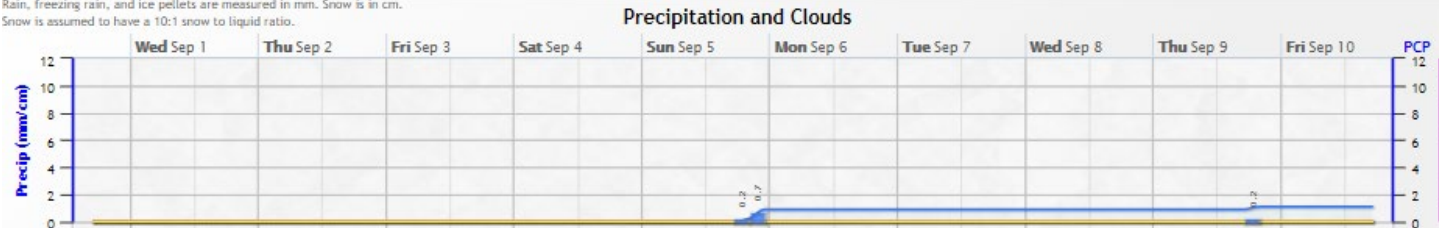
Rock Creek

	Fri 10 Sep	Sat 11 Sep	Sun 12 Sep	Mon 13 Sep	Tue 14 Sep	Wed 15 Sep
	 26°C 40% Chance of showers	 26°C Sunny	 22°C A mix of sun and cloud	 22°C A mix of sun and cloud	 22°C A mix of sun and cloud	 19°C 60% Chance of showers
<u>Tonight</u>	Night	Night	Night	Night	Night	
 10°C A few clouds	 12°C Periods of rain	 11°C Cloudy periods	 10°C Cloudy periods	 9°C Cloudy periods	 11°C 60% Chance of showers	

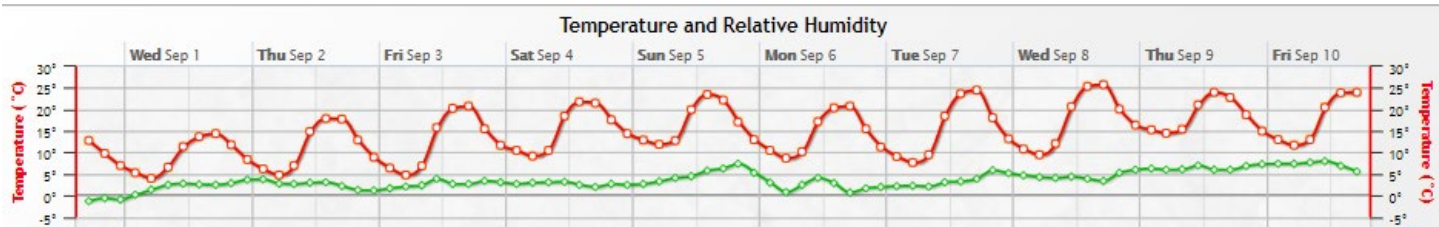
SPOTWX (Canadian modelling system GEM)
North of Grand Forks



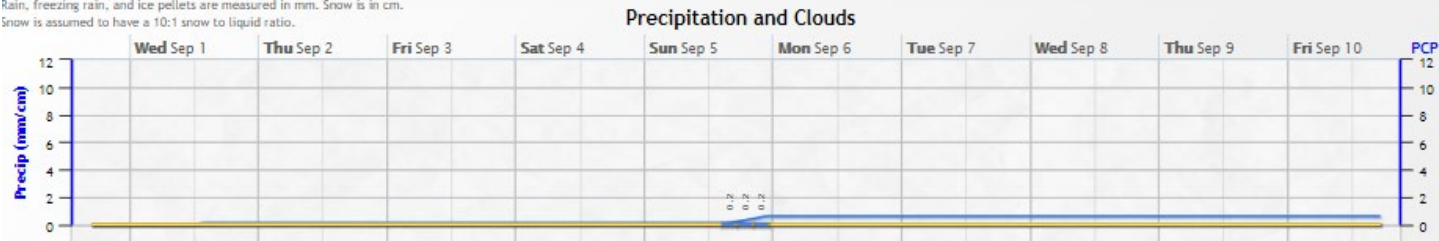
Rain, freezing rain, and ice pellets are measured in mm. Snow is in cm.
Snow is assumed to have a 10:1 snow to liquid ratio.



Beaverdell area



Rain, freezing rain, and ice pellets are measured in mm. Snow is in cm.
Snow is assumed to have a 10:1 snow to liquid ratio.



3 Month Temperature and Precipitation Forecast.

Source: [Environment Canada](#) September-October-November, 2021.

