

BOUNDARY REGION DROUGHT CONDITIONS UPDATE

July 8, 2021

RDKB Watershed Service – Kristina Anderson

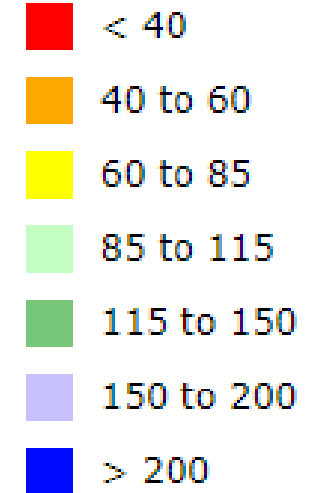


Regional District of
Kootenay Boundary

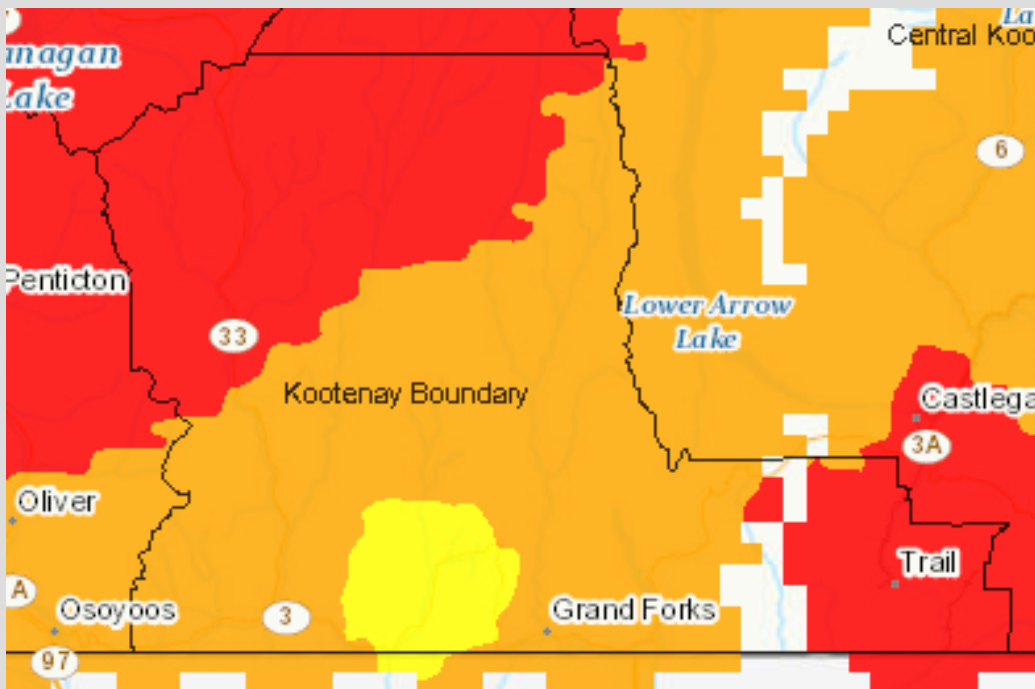
AGROCLIMATE INTERACTIVE MAPS

WWW.AGR.GC.CA/ATLAS/AGCLIMATE?LANG=EN

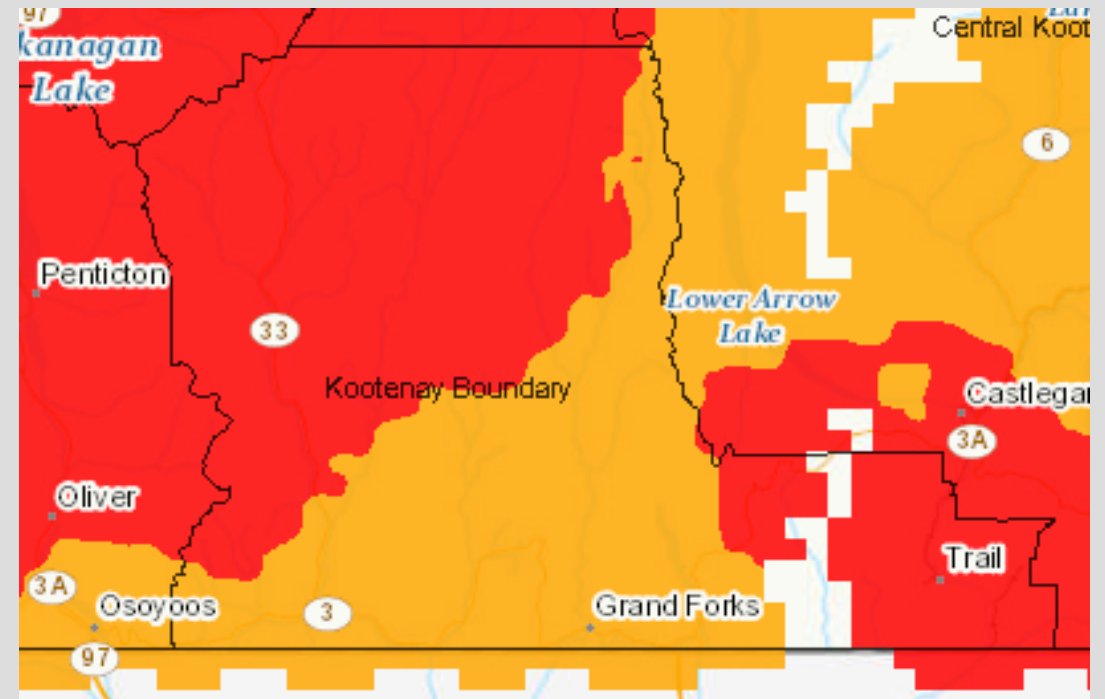
BASED ON JULY 7, 2021



PRECIPITATION
PERCENT OF AVERAGE 30 DAYS



PRECIPITATION
PERCENT OF AVERAGE 60 DAYS



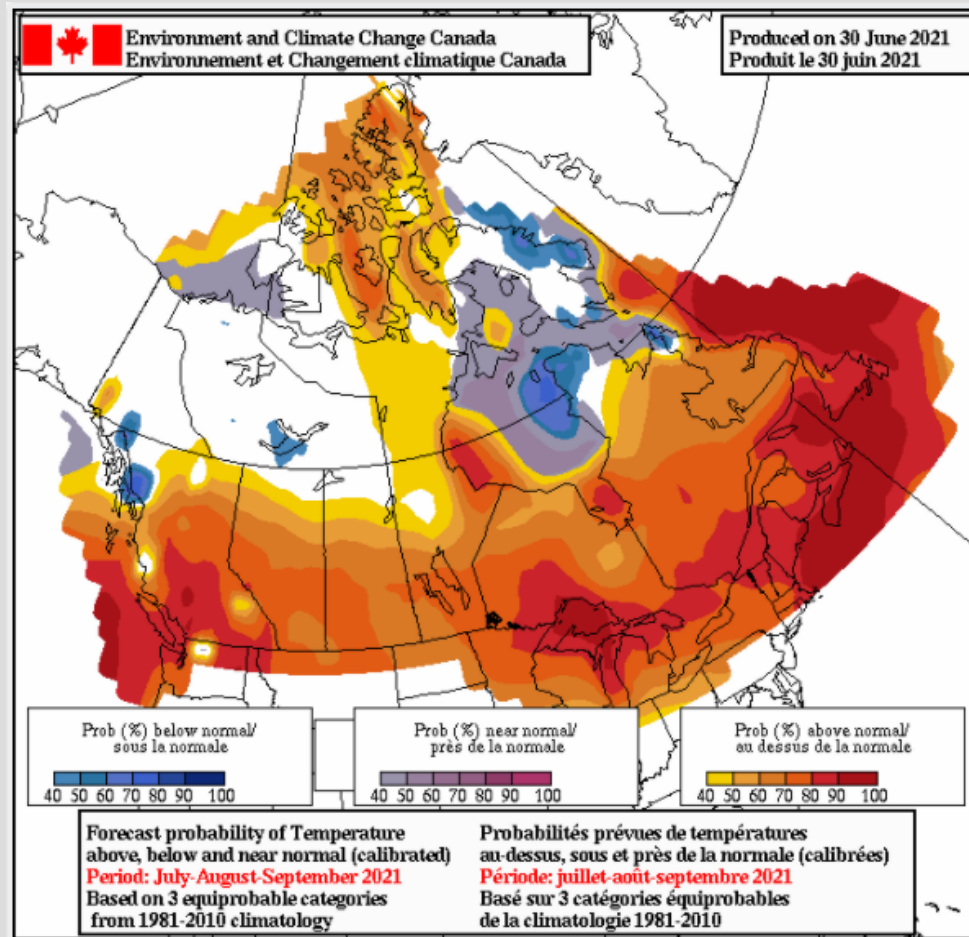
SURFACE WATER: AVERAGE DISCHARGE OVER A 7 DAY PERIOD

Location	7 Day Mean Flow: July 7, 2021 (cms)	% Mean Annual Discharge (MAD)	Lower Quartile for July 7 (cms)	Minimum Discharge for July 7(cms)	7 Day Mean Flow: July 7, 2015 (cms)
Granby River @ Grand Forks	11.64	37.7 %	19.3	6.42	6.54
Kettle River @ Westbridge	15.58	56.0 %	20.9	7.09	7.23
West Kettle River @ Westbridge	2.75	21.4 %	7.46	2.18	2.21
Kettle River @ Ferry (USA)	17.2	39.0 %	30.87	12.15 (2015)	12.51
Kettle River @ Laurier (USA)	38.4	45.9 %	64.28	24.98 (1934)	33.14

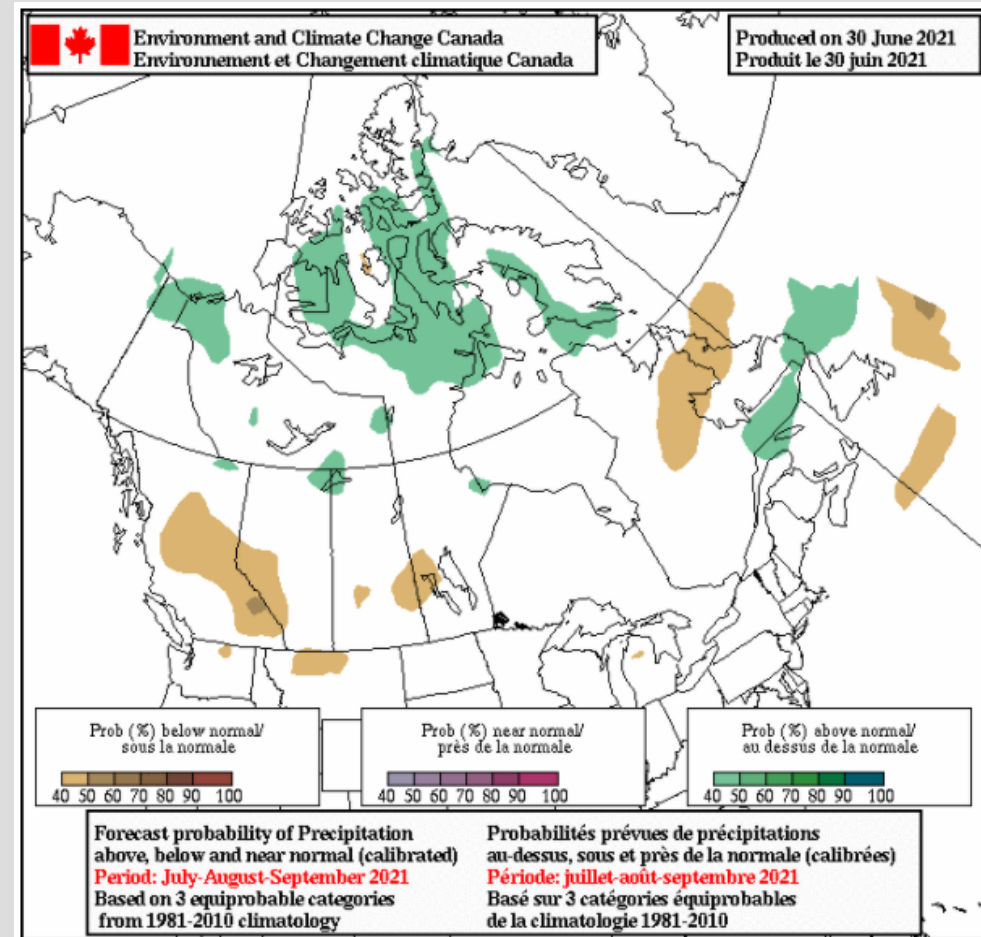
PROBABILISTIC FORECASTS – JUNE, JULY AND AUGUST

PRODUCED JUNE 30, 2021
WEATHER.GC.CA/SAISONS/PROB_E.HTML

TEMPERATURE



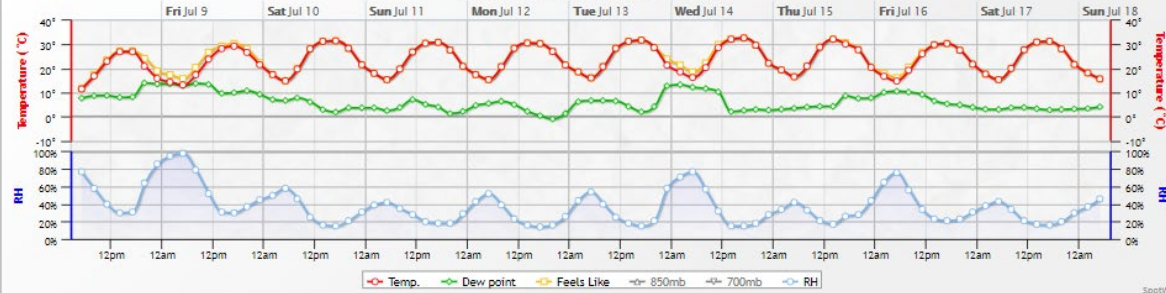
PRECIPITATION



GDPS (GEM-GLB) forecast for Lat:49.06313, Lon:-118.48694

Model date: 5:00 am, Thu Jul 08, 2021 (PDT, UTC-7 hrs), Model elevation: 1098m / 3603ft, Land Proportion: 100%

Temperature and Relative Humidity



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.

Precipitation and Clouds

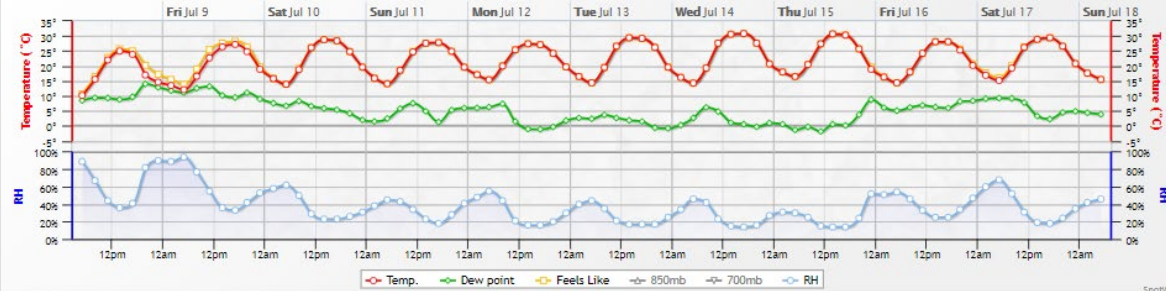


LOCATION: GRAND FORKS
10 DAYS FROM JULY 8, 2021

GDPS (GEM-GLB) forecast for Lat:49.46141, Lon:-119.12218

Model date: 5:00 am, Thu Jul 08, 2021 (PDT, UTC-7 hrs), Model elevation: 1284m / 4213ft, Land Proportion: 100%

Temperature and Relative Humidity



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.

Precipitation and Clouds



LOCATION: BEAVERDELL
10 DAYS FROM JULY 8, 2021