

Campbell River System Hydroelectric Operations Update

Liaison Committee Meeting #35
Maritime Heritage Centre, Rotary Room

November 6, 2019

What's coming up!

Weather and Inflow Observations

- Regional weather
- Mountain snowpack
- Reservoir inflow

Future Weather and Climate Variability

- Environment Canada outlook
- Water supply forecast

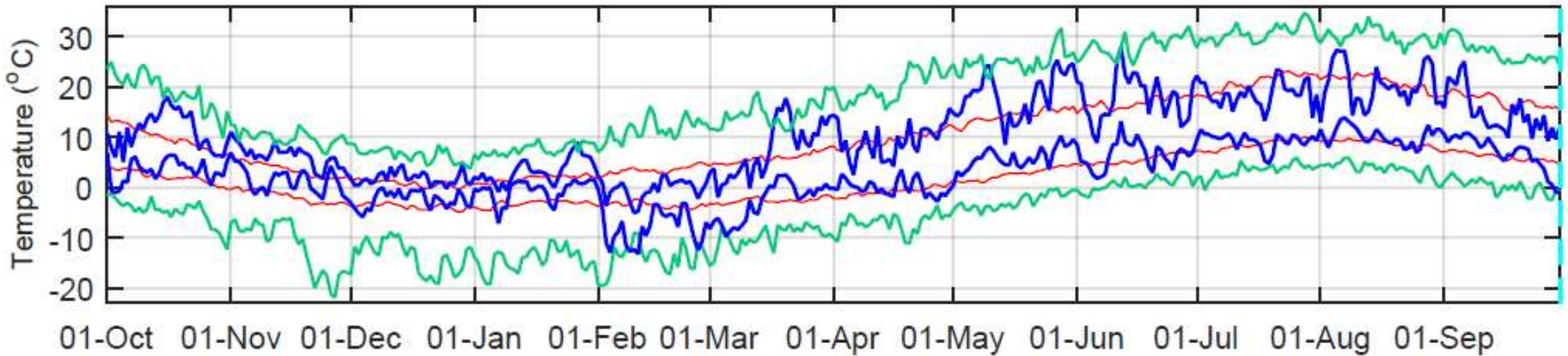
Campbell River Operations



Weather and Inflow Observations

Regional weather conditions: temperature

Strathcona watershed daily max/min temperatures (°C)



2018 / 2019



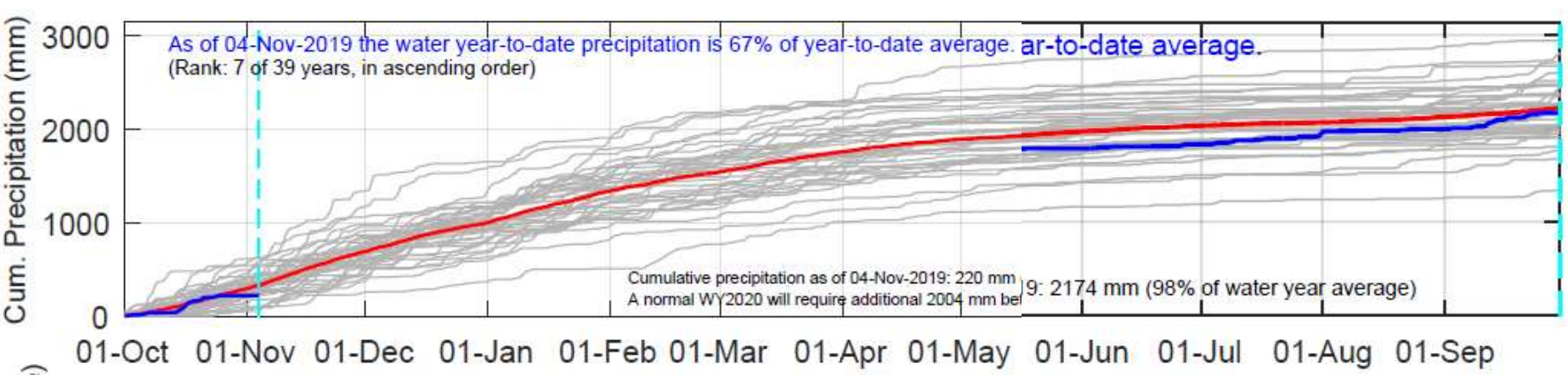
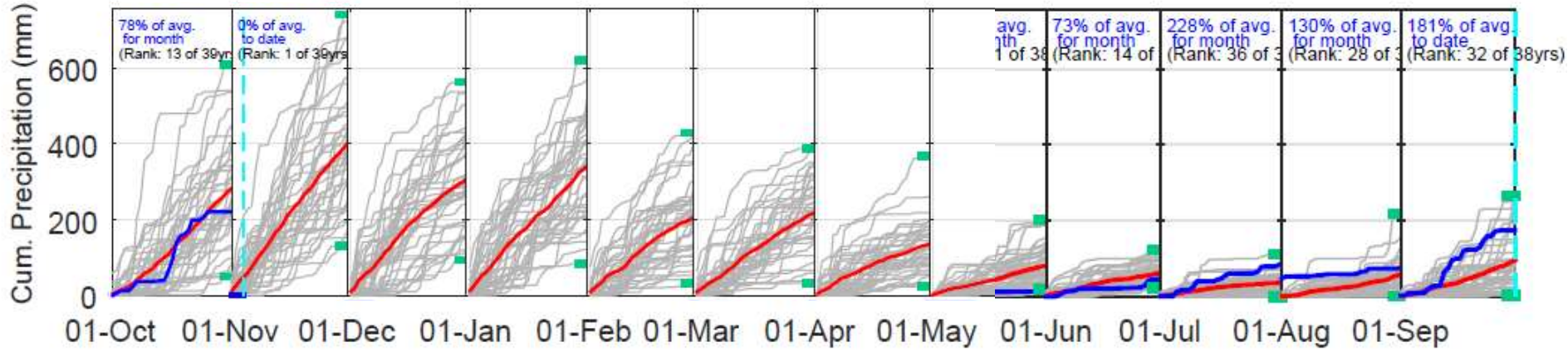
2019 / 2020

Regional weather conditions: precipitation

Strathcona

Water Year 2019

Updated 01-Oct-2019 09:12:00

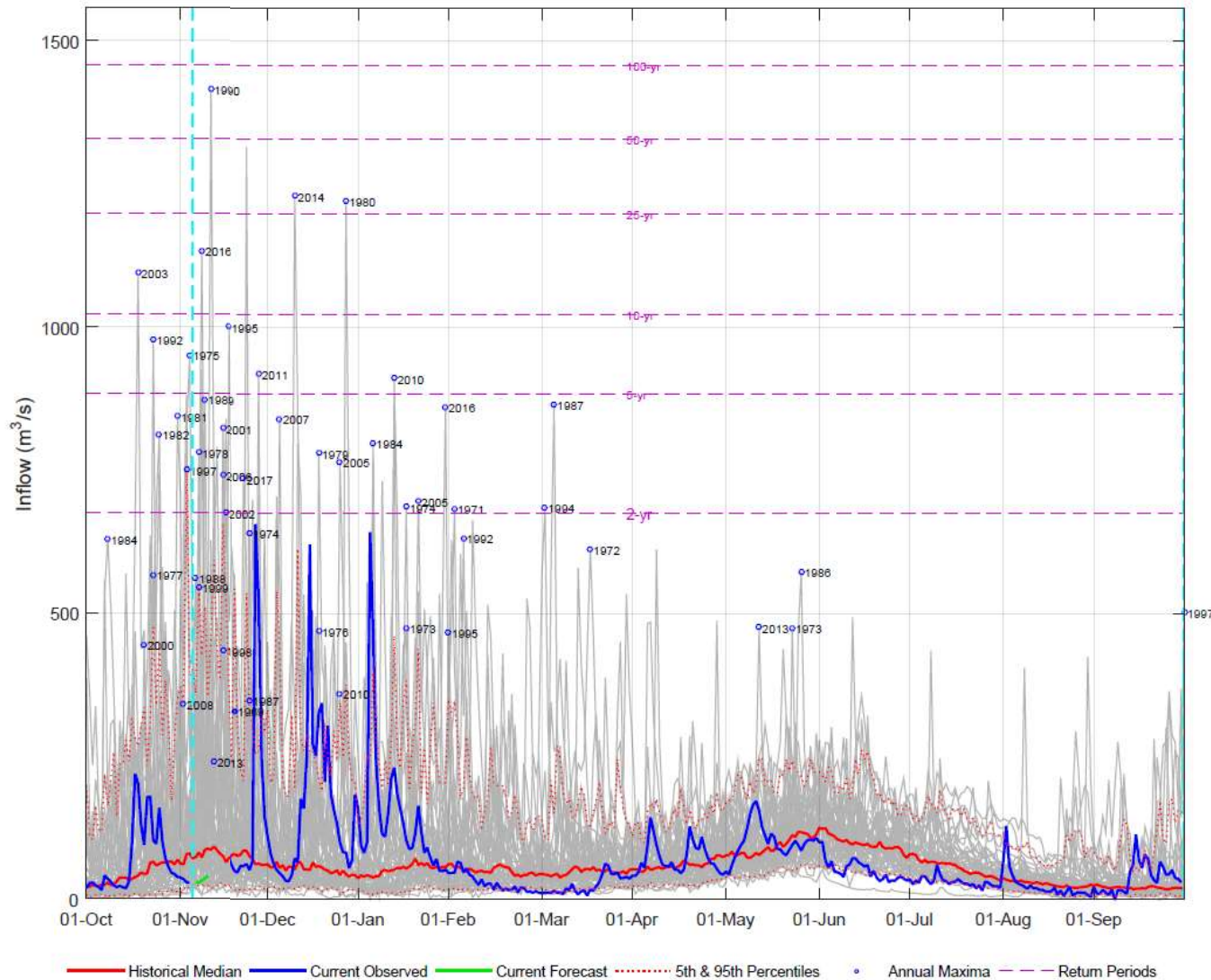


Reservoir daily inflow

Strathcona Daily Inflow Hydrograph

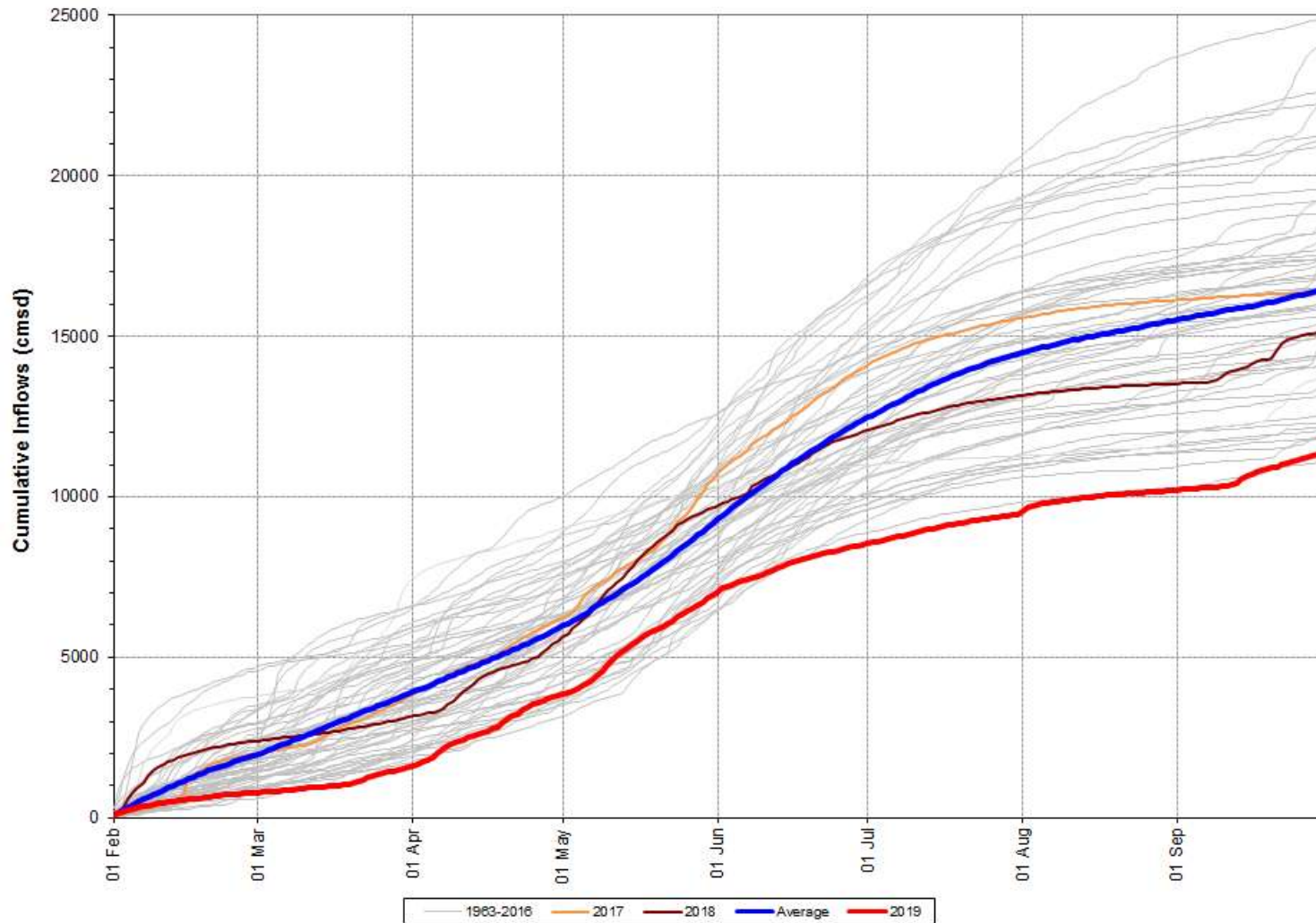
Water Year 2019

Updated 30-Sep-2019 12:14:01



Reservoir cumulative inflow

Strathcona Historical Cumulative Inflows for 1963 - 2019



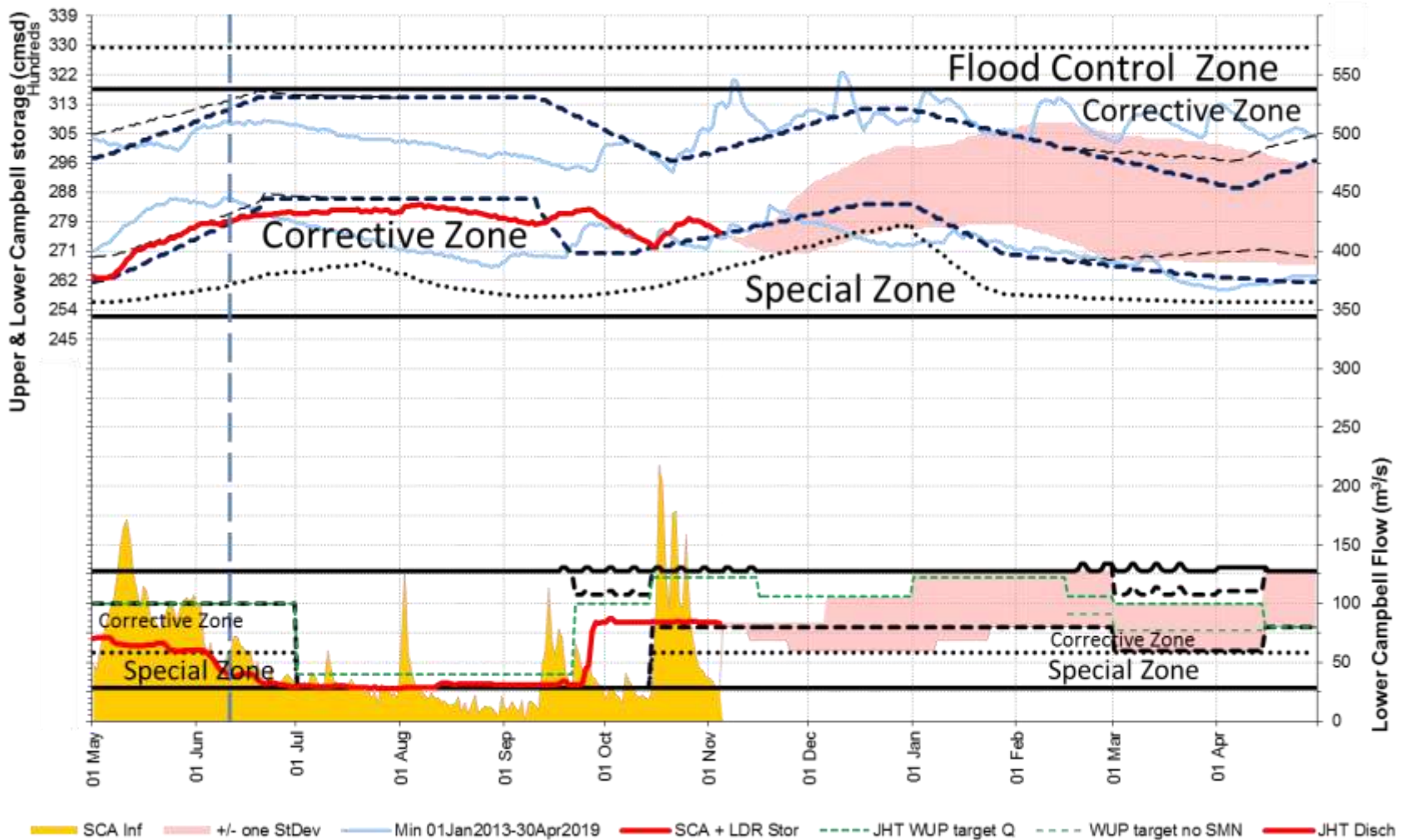
Future Weather and Climate Variability



Campbell River Operations

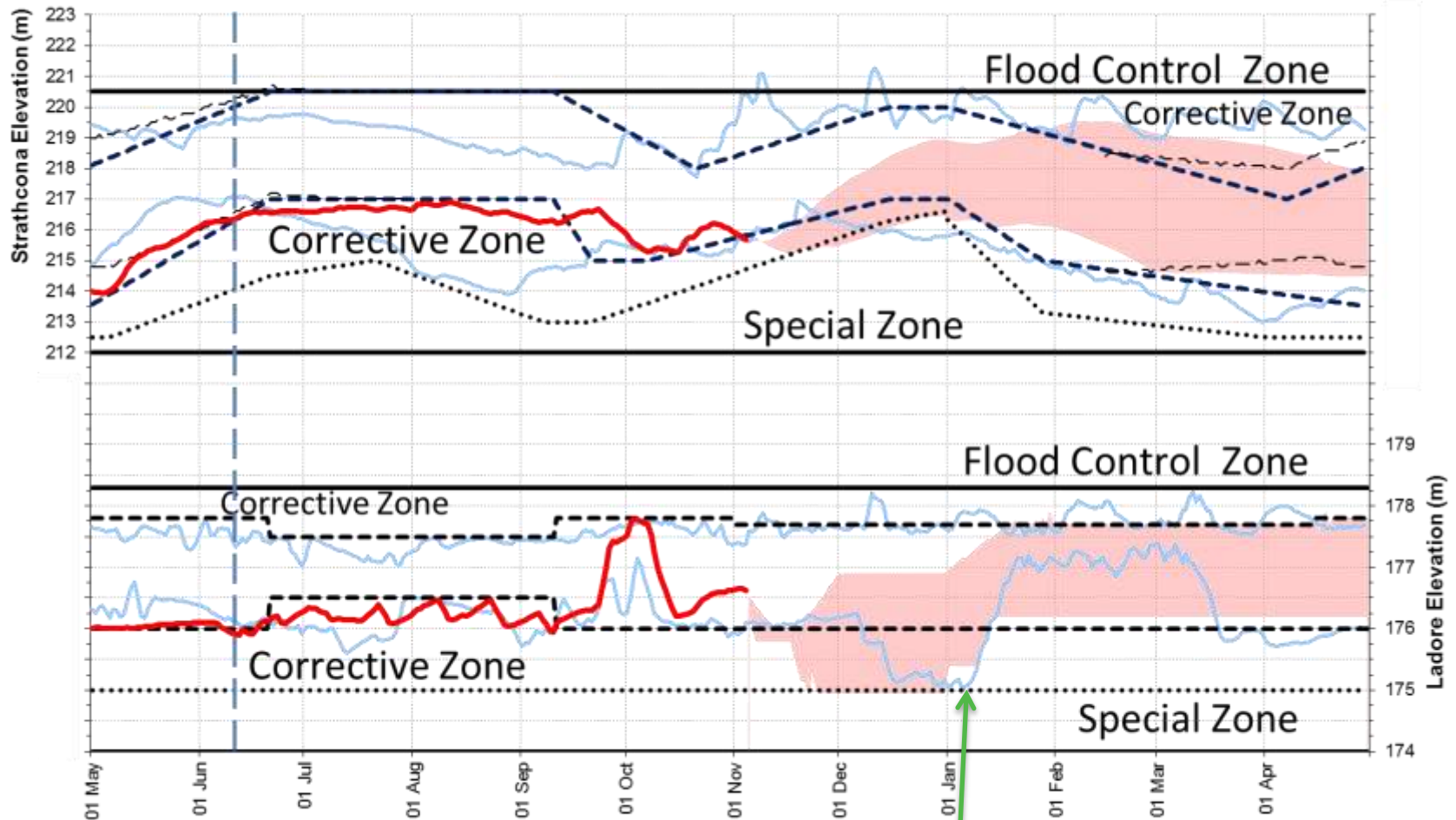
System storage and river flow – Nov 6th

2019/20 Operational Zones for Storage and Flow



Strathcona and Ladore – November 6th

2019/20 SCA & LDR Elevations



In 2008: 174.5 m

+/- one StDev Max 01Jan2013-30Apr2019 Min 01Jan2013-30Apr2019 Observed Elev

175.7 m min 2019 elevation in April

175.0 m minimum since WUP (2013/14)



BC Hydro

Power smart