

Arrowsmith Dam and Englishman River Weekly Report

August 18 to August 24, 2025

Summary

Arrowsmith Dam

Lake level (August 24): 818.66 m

Estimated volume (August 24): 4,930,000 m³

Weekly average release rate: 0.99 m³/s

Weekly total released volume: 596,250 m³

Englishman River

Weekly average baseflow estimate: 0.12 m³/s (flow at 08HB002 minus dam release)

Weekly average flow at WSC hydrometric gauge 08HB002: 1.11 m³/s

Weekly average ERWS intake withdrawal flow: 0.09 m³/s

Weekly total ERWS intake volume: 51,720 m³

Weekly average water temperature: 16.97 °C (roughly 130m downstream of intake)

Other

Snow water equivalent at station 3B26P (August 24): 0 mm

Total weekly rainfall at PWY: 0.4 mm

Total weekly rainfall at Community Park: 1.2 mm

East Vancouver Island Drought Level: 0

Comments














Dam lake level 2.3m below historical average (2003-2024) on August 24.

Turbidity sonde was calibrated on August 18.

Staff will continue to maintain a flow of 1.0 m³/s at gauge WSC 08HB002. Due to the need to keep the flow below 1.2m³/s, level 4 water conservation will continue to be in effect as per Order dated June 19, 2025 under the *Water Sustainability Act*.

Weather Forecast (Qualicum Airport)

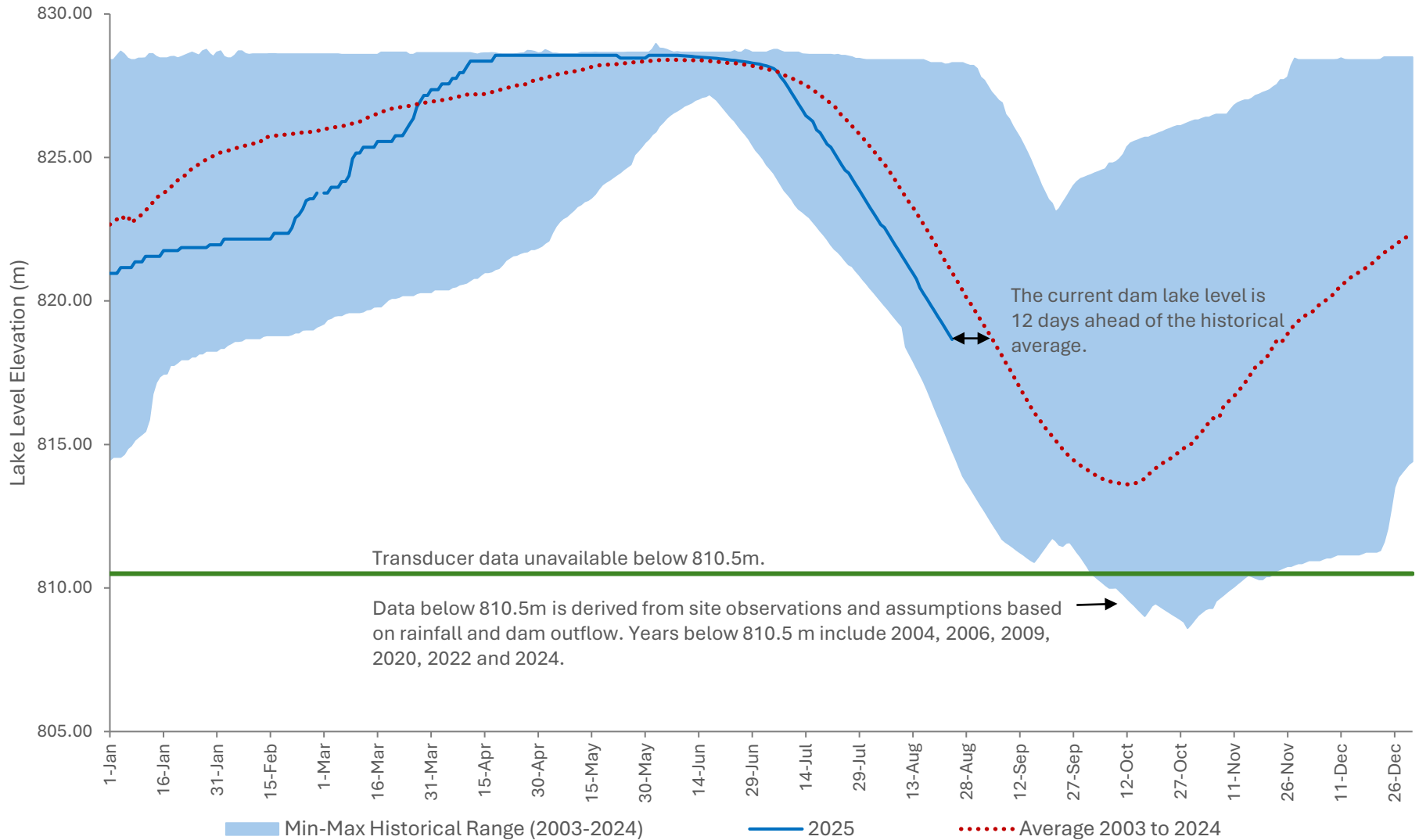


Mon 25 Aug	Tue 26 Aug	Wed 27 Aug	Thu 28 Aug	Fri 29 Aug	Sat 30 Aug	Sun 31 Aug
 29°C Sunny	 29°C Mainly sunny	 27°C Sunny	 25°C A mix of sun and cloud	 25°C Sunny	 22°C 30% Chance of showers	 23°C A mix of sun and cloud
Tonight	Night	Night	Night	Night	Night	
 14°C Clear	 17°C Clear	 18°C Cloudy periods	 15°C Clear	 16°C Cloudy periods	 15°C Cloudy periods	

Arrowsmith Dam and Englishman River Weekly Report

August 18 to August 24, 2025

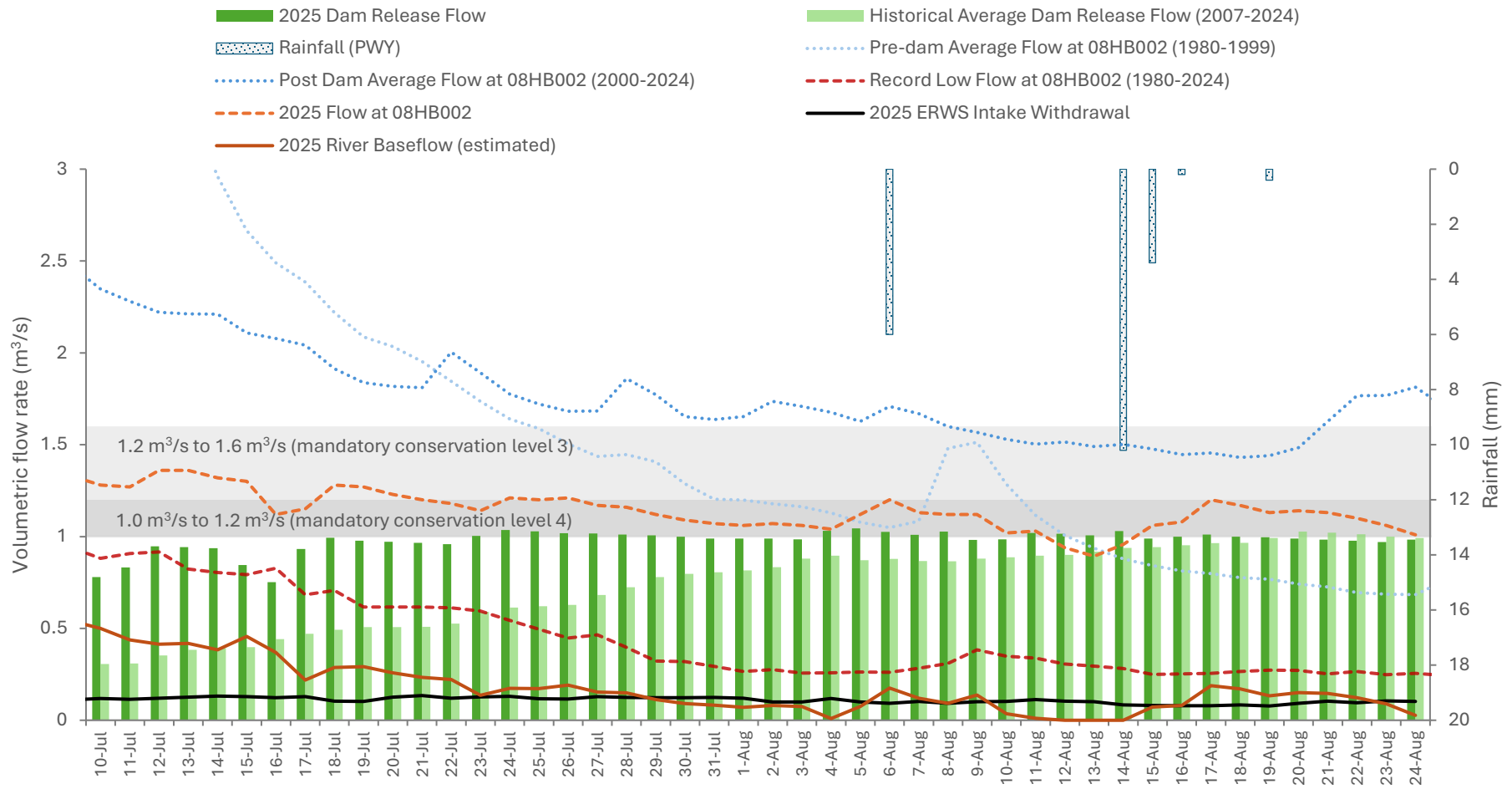
Arrowsmith Dam Lake Level



Arrowsmith Dam and Englishman River Weekly Report

August 18 to August 24, 2025

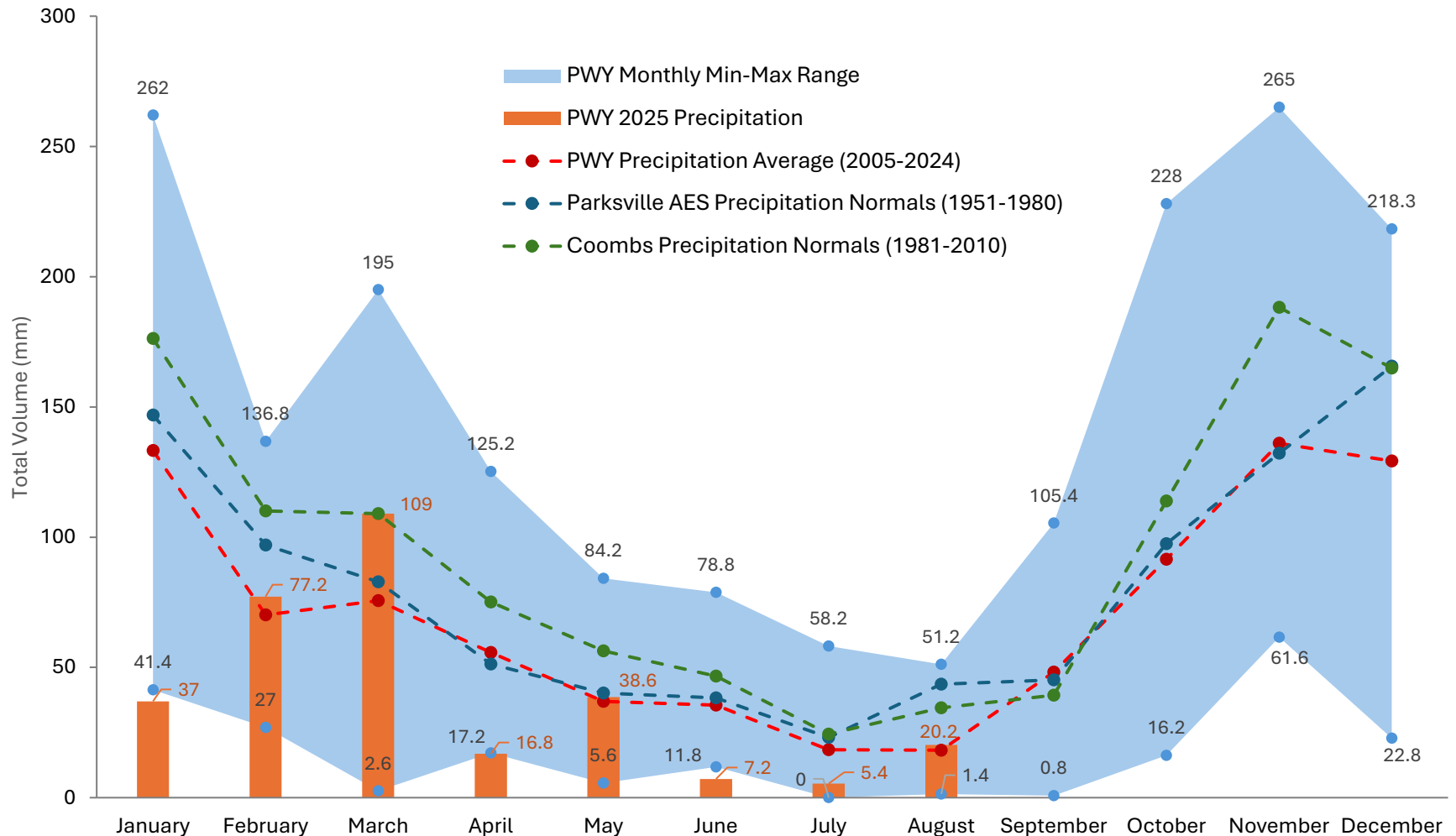
Historical average and current Arrowsmith Dam release flow (m³/s), pre-dam and post dam average, record low and current Englishman River flow (m³/s) at WSC hydrometric gauge 08HB002, ERWS intake withdrawal (m³/s), river baseflow (m³/s) and rainfall (mm)



Arrowsmith Dam and Englishman River Weekly Report

August 18 to August 24, 2025

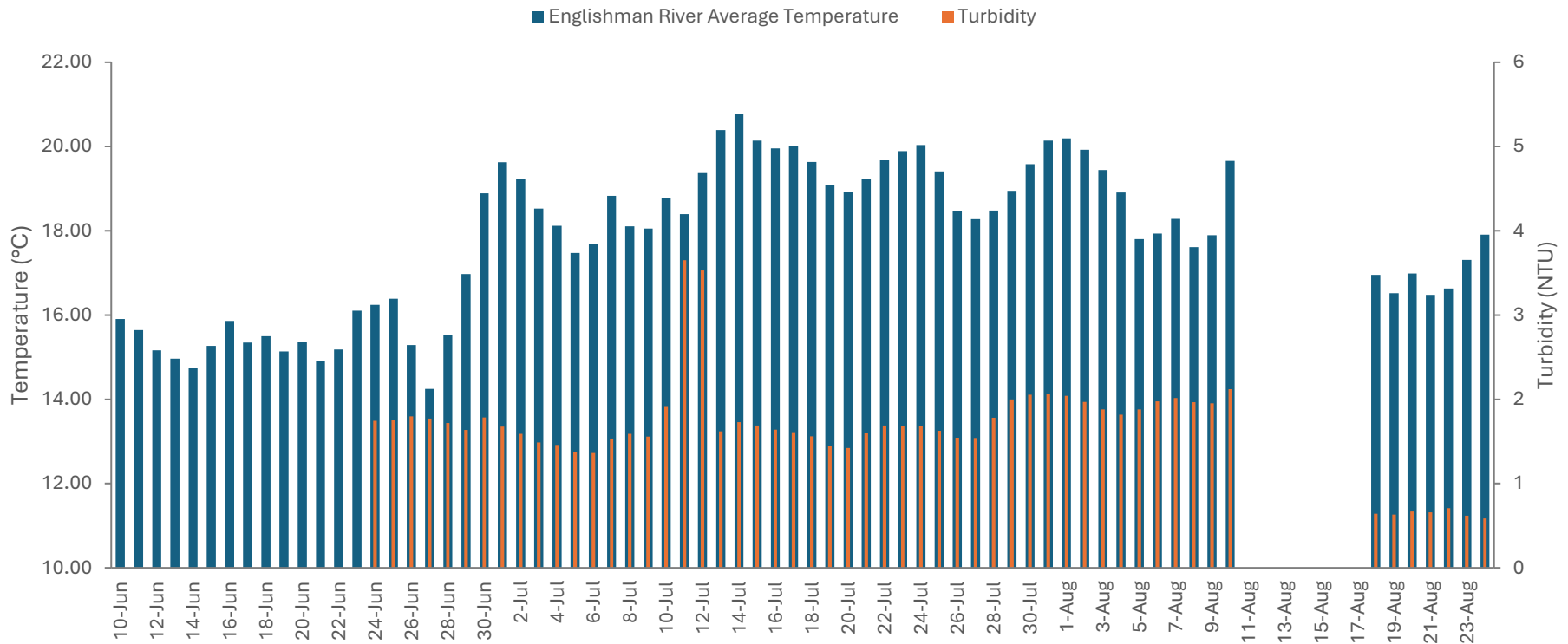
Local Precipitation (Public Works Yard)



Arrowsmith Dam and Englishman River Weekly Report

August 18 to August 24, 2025

Englishman River Daily Temperature and Turbidity (Downstream of Intake)



Note: Temperature and turbidity sonde failed to log from August 11-17.
Turbidity sonde was calibrated on August 18.