

Arrowsmith Dam and Englishman River Weekly Report

August 4 to August 10, 2025

Summary

Arrowsmith Dam

Lake level (August 10): 821.56 m

Estimated volume (August 10): 5,975,000 m³

Weekly average release rate: 1.0 m³/s

Weekly total released volume: 613,900 m³

Englishman River

Weekly average baseflow estimate: 0.09 m³/s (flow at 08HB002 minus dam release)

Weekly average flow at WSC hydrometric gauge 08HB002: 1.12 m³/s

Weekly average ERWS intake withdrawal flow: 0.10 m³/s

Weekly total ERWS intake volume: 54,780 m³

Weekly average water temperature: 18.3 °C (roughly 130m downstream of intake)

Other

Snow water equivalent at station 3B26P (August 10): 0 mm

Total weekly rainfall at PWY: 6 mm

Total weekly rainfall at Community Park: 5.2 mm

East Vancouver Island Drought Level: 3

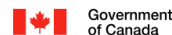
Comments














Hydrometric gauge 08HB002 flow 28.2% lower than the average historical flow (1980-2024) on August 10.

Dam lake level 2.25m below historical average (2003-2024) on August 10.

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 11 Aug	Tue 12 Aug	Wed 13 Aug	Thu 14 Aug	Fri 15 Aug	Sat 16 Aug	Sun 17 Aug
 30°C Sunny	 28°C Sunny	 24°C Sunny	 22°C A mix of sun and cloud	 18°C Rain	 19°C 60% Chance of showers	 21°C A mix of sun and cloud
Tonight	Night	Night	Night	Night	Night	
 18°C Clear	 17°C Clear	 13°C Clear	 15°C Cloudy	 15°C Periods of rain	 14°C Cloudy	

▼ Forecast issued: 11:00 AM PDT Monday 11 August 2025



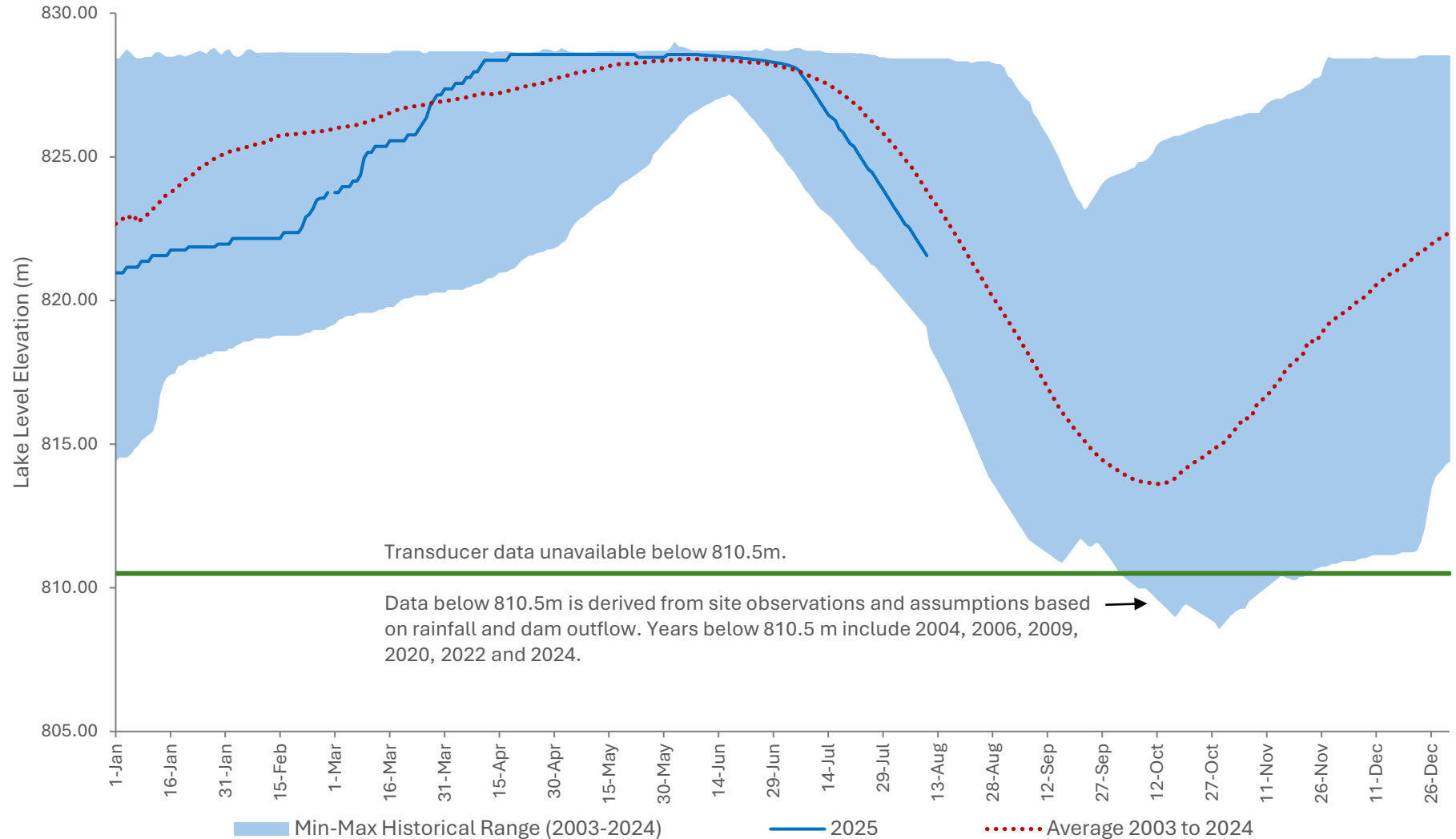
HEAT WARNING



Arrowsmith Dam and Englishman River Weekly Report

August 4 to August 10, 2025

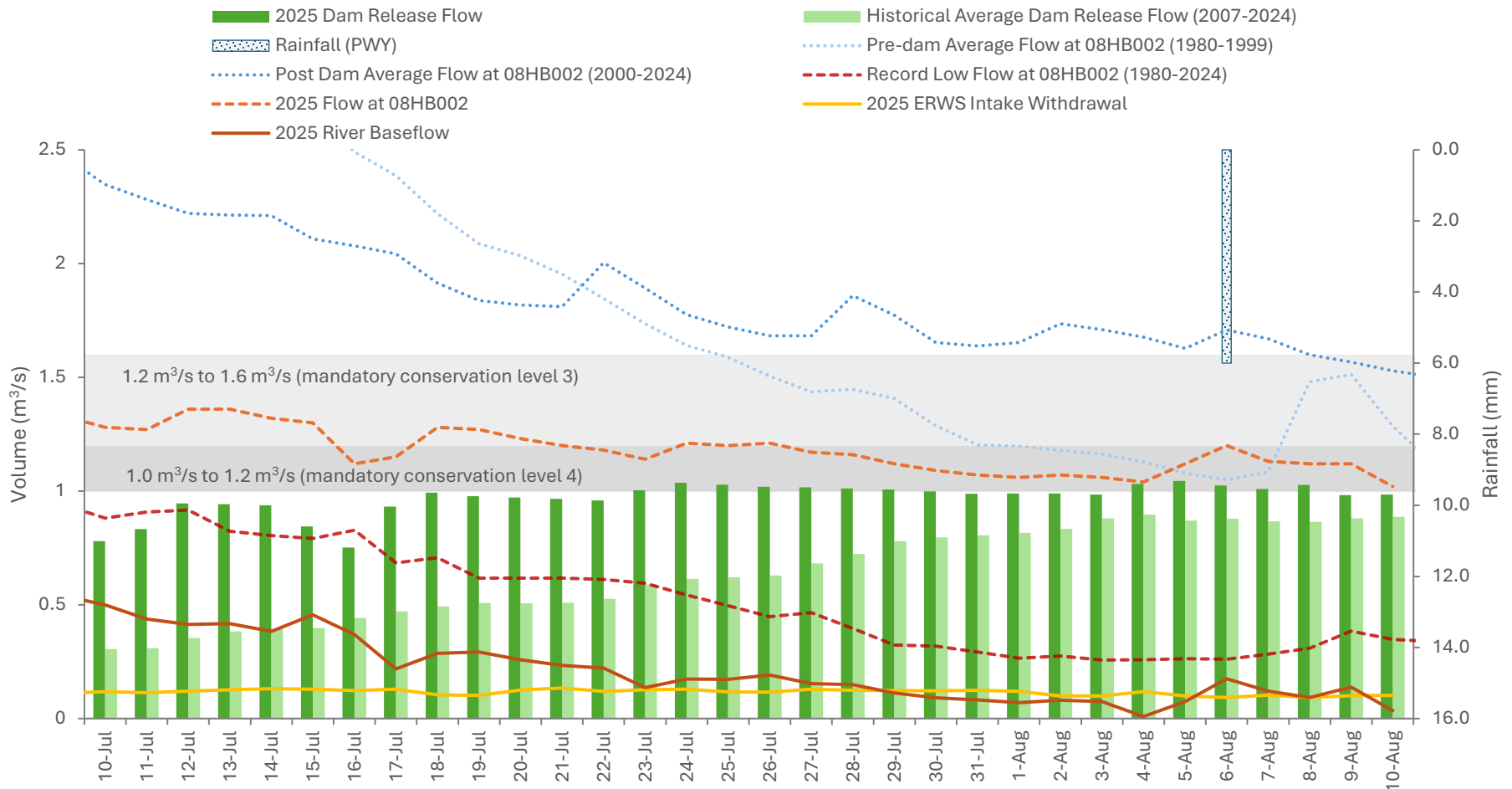
Arrowsmith Dam Lake Level



Arrowsmith Dam and Englishman River Weekly Report

August 4 to August 10, 2025

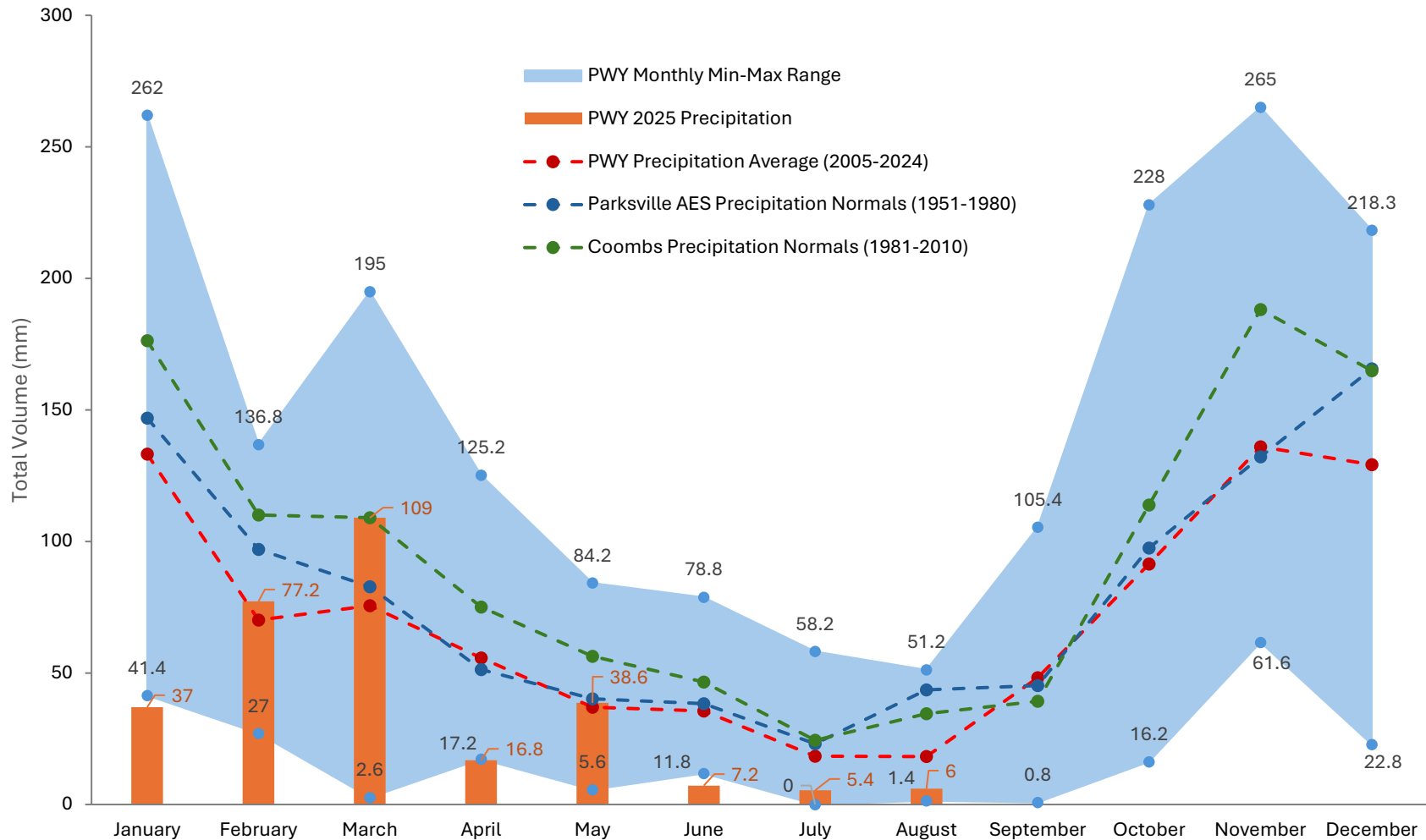
Historical average and current Arrowsmith Dam release flow (m^3/s), pre-dam average, post dam average, record low and current Englishman River flow (m^3/s) at WSC hydrometric gauge 08HB002, ERWS intake withdrawal (m^3/s), river baseflow (m^3/s) and rainfall



Arrowsmith Dam and Englishman River Weekly Report

August 4 to August 10, 2025

Local Precipitation (Public Works Yard)



Arrowsmith Dam and Englishman River Weekly Report

August 4 to August 10, 2025

Englishman River Daily Temperature and Turbidity (Downstream of Intake)

