



Arrowsmith Dam and Englishman River Weekly Report

July 14 to July 20, 2025

Summary

Arrowsmith Dam

Lake level (July 20): 825.46 m

Estimated volume (July 20): 7,750,000 m³

Weekly average release rate: 0.92 m³/s

Weekly total released volume: 553,530 m³

Englishman River

Weekly average baseflow estimate: 0.38 m³/s (flow at 08HB002 minus dam release)

Weekly average flow at WSC hydrometric gauge 08HB002: 1.30 m³/s

Weekly average ERWS intake withdrawal flow: 0.12m³/s

Weekly total ERWS intake volume: 70,040 m³

Weekly average water temperature: 19.78 °C (roughly 130m downstream of intake)

Other

Snow water equivalent at station 3B26P (July 20): 0 mm

Total weekly rainfall at PWY: 0 mm

Total weekly rainfall at Community Park: 0 mm

East Vancouver Island Drought Level: 2

Comments

Communication issues with the dam have been restored and the dam lake level and flows are now accessible on SCADA.














Hydrometric gauge 08HB002 flow 58.5% lower than the average flow from 2000-2024 (post dam construction) on July 20.

Weekly average temperature at the Englishman river has increased by 0.93 °C since the previous week.

Staff will continue to maintain a flow of 1.2m³/s at gauge 08HB002. Due to the flow being below 1.6m³/s, level 3 water conservation will continue to be in effect.

Weather Forecast (Qualicum Airport)

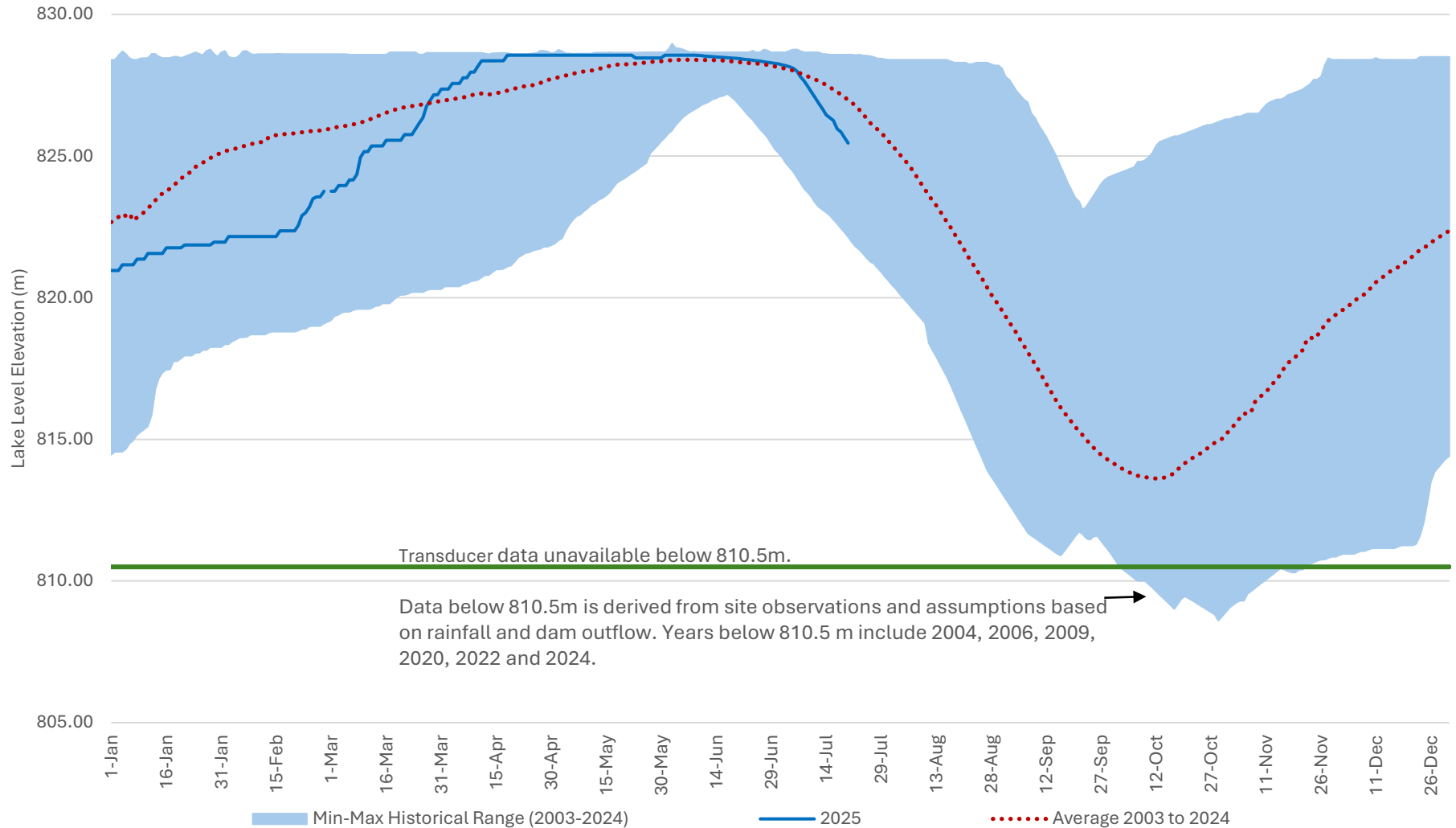


Mon 21 Jul	Tue 22 Jul	Wed 23 Jul	Thu 24 Jul	Fri 25 Jul	Sat 26 Jul	Sun 27 Jul
 28°C Mainly sunny	 24°C Mainly sunny	 25°C Sunny	 25°C Sunny	 23°C Sunny	 20°C A mix of sun and cloud	 23°C A mix of sun and cloud
Tonight	Night	Night	Night	Night	Night	
 15°C A few clouds	 15°C Clear	 16°C Clear	 15°C Clear	 15°C 30% Chance of showers	 14°C Cloudy periods	

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Arrowsmith Dam Lake Level



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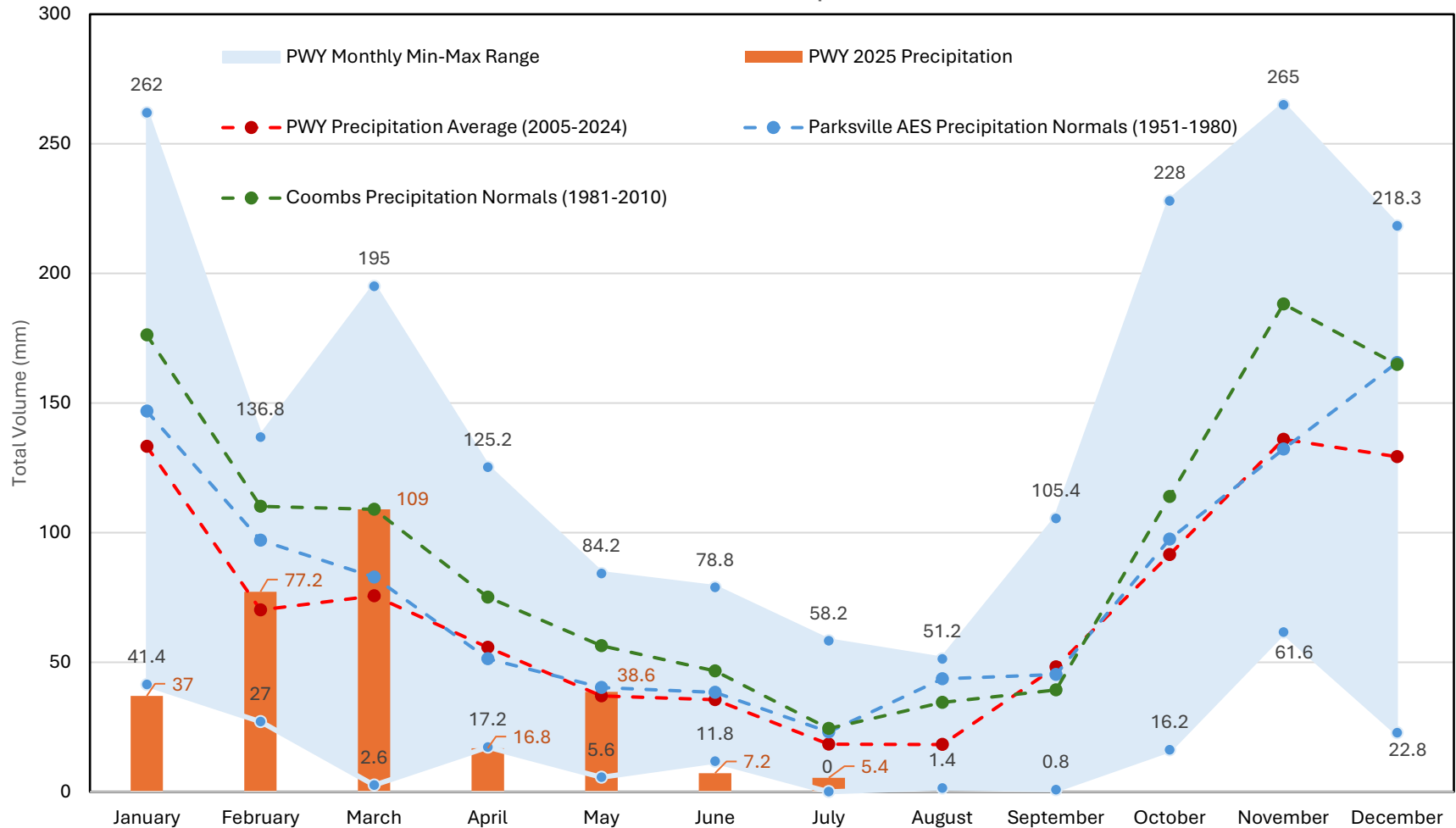
Arrowsmith Dam Release Flow (m³/s), Englishman River Flow (m³/s) at WSC Hydrometric Gauge 08HB002, and ERWS Intake Withdrawal (m³/s)



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Local Precipitation



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Englishman River Daily Temperature and Turbidity (Downstream of Intake)

