

Arrowsmith Dam and Englishman River Weekly Report

June 22 to June 28, 2026

Summary

Arrowsmith Dam

Reservoir level (June 28): 826.57 m

Estimated volume (June 28): 8,230,000.00 m³

Weekly average release rate: 0.73 m³/s

Weekly total released volume: 439,163.24 m³

Englishman River

Weekly average baseflow estimate: 0.31 m³/s (flow at 08HB002 and the intake flow minus the dam release flow)

Weekly average flow at WSC hydrometric gauge 08HB002: 0.93 m³/s

Weekly average ERWS intake withdrawal flow: 0.10 m³/s

Weekly total ERWS intake volume: 60,670.00 m³

Other

Snow water equivalent at station 3B26P (June 28) : 0.00 mm

Total weekly rainfall at PWY: 4.90 mm

Total weekly rainfall at Community Park: 7.60 mm

East Vancouver Island Drought Level: 4

Key Messages

- The Arrowsmith Dam transducer has been repaired and is now operational.
- Warmer and dryer-than-normal conditions are driving higher-than-normal flow releases from the dam, as shown on page 3. Historically, baseflow at Water Survey of Canada (WSC) Hydrometric Gauge 08HB002 are higher at this time of year, which generally requires less release from the dam.
- To conserve water in the Arrowsmith Reservoir and maintain adequate storage should drought conditions persist, operators are maintaining a flow of 1.0m³/s at gauge 08HB002.
- The WSC Hydrometric Gauge 08HB002 was calibrated on June 24. The data was corrected up to the last calibration. Page 3 illustrates the difference between previously reported and corrected flow values. Operators maintained river levels based on available WSC data, and adjustments to increase flow could only be implemented once calibration and data correction were completed.

Weather Forecast (Qualicum Airport)

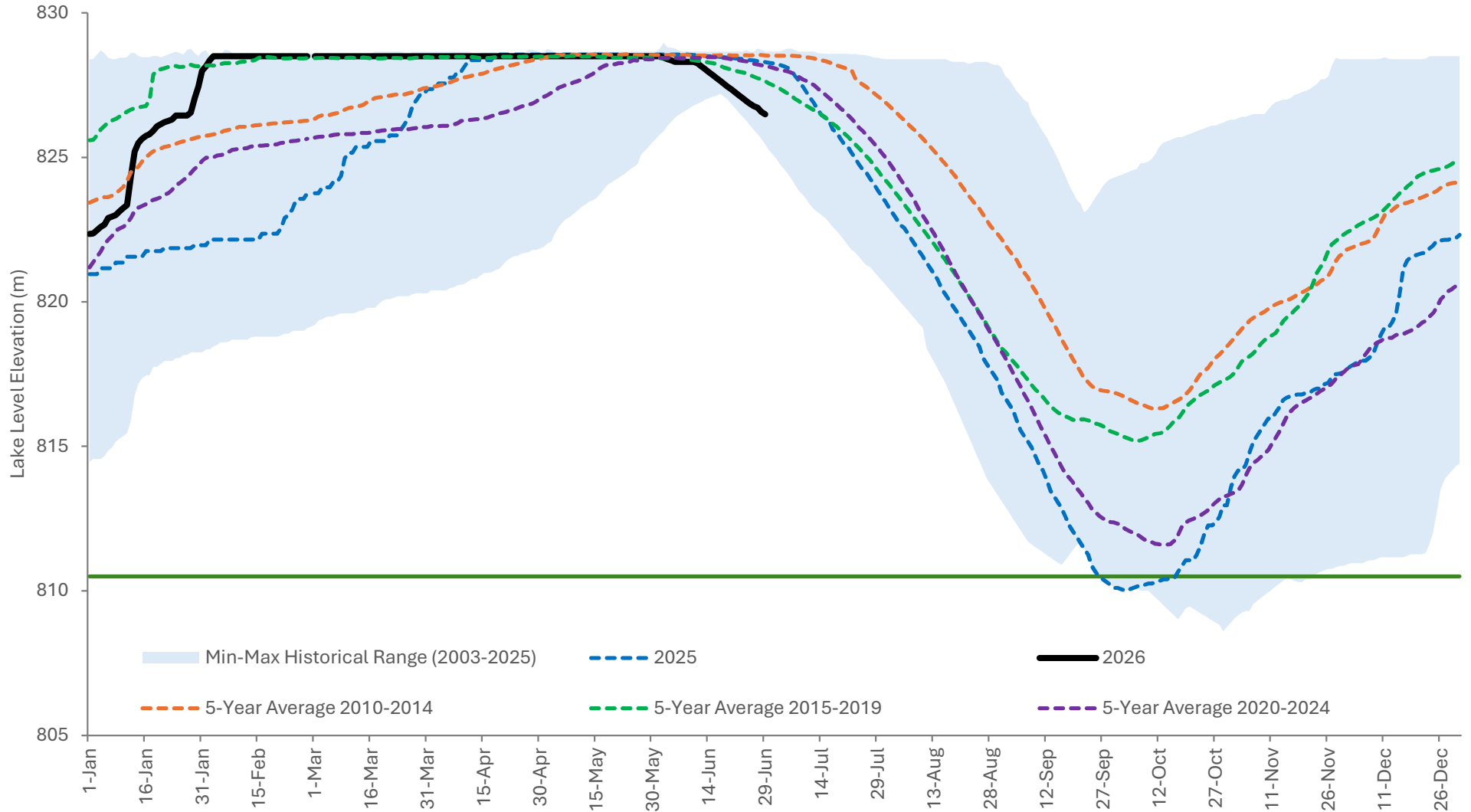


Mon 29 Jun	Tue 30 Jun	Wed 1 Jul	Thu 2 Jul	Fri 3 Jul	Sat 4 Jul	Sun 5 Jul
 21°C A mix of sun and cloud	 20°C Mainly sunny	 21°C Sunny	 18°C Periods of rain	 22°C Cloudy	 21°C Sunny	 24°C Sunny
Tonight	Night	Night	Night	Night	Night	
 12°C A few clouds	 12°C Cloudy periods	 13°C Clear	 13°C 40% Chance of showers	 13°C Clear	 13°C Clear	

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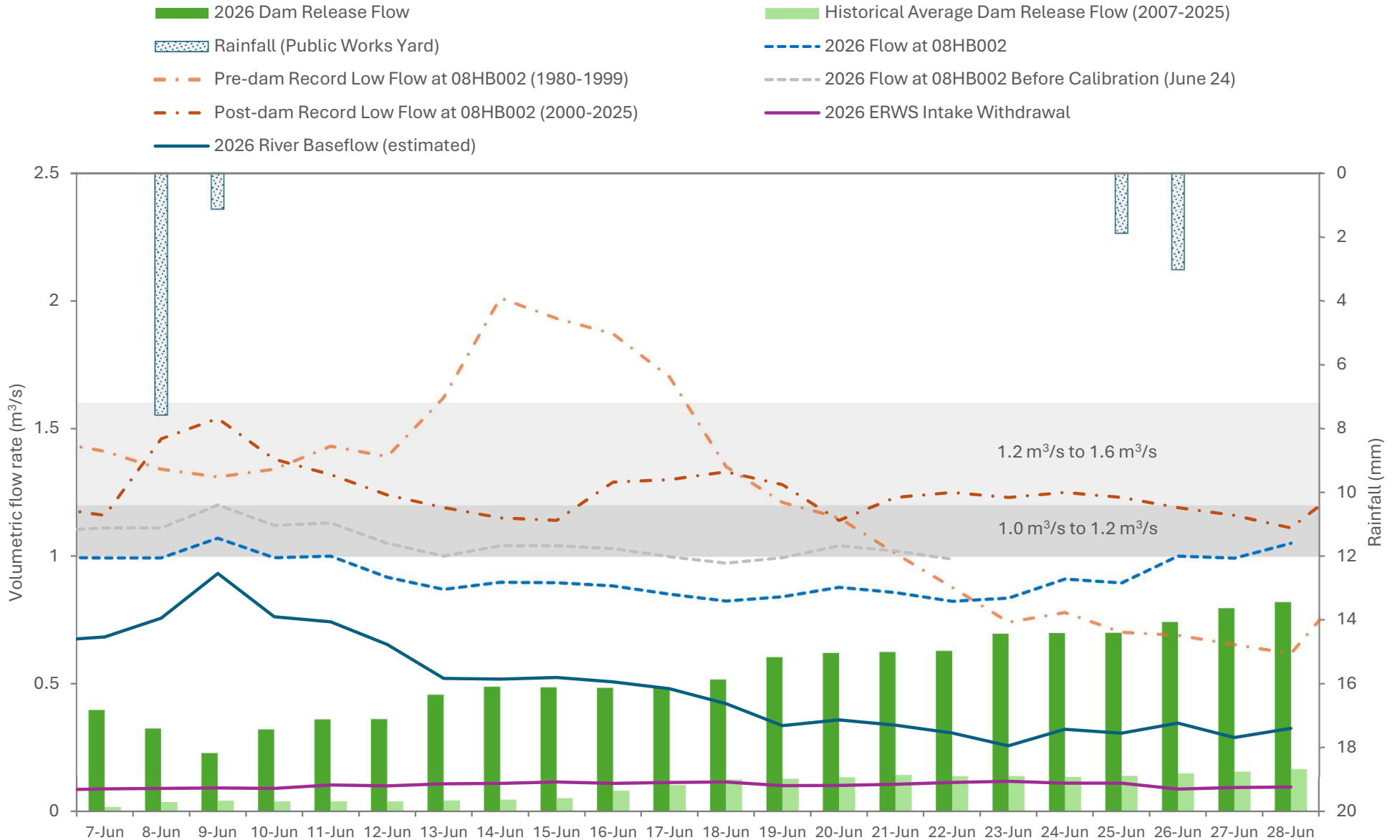
Arrowsmith Dam Reservoir Level



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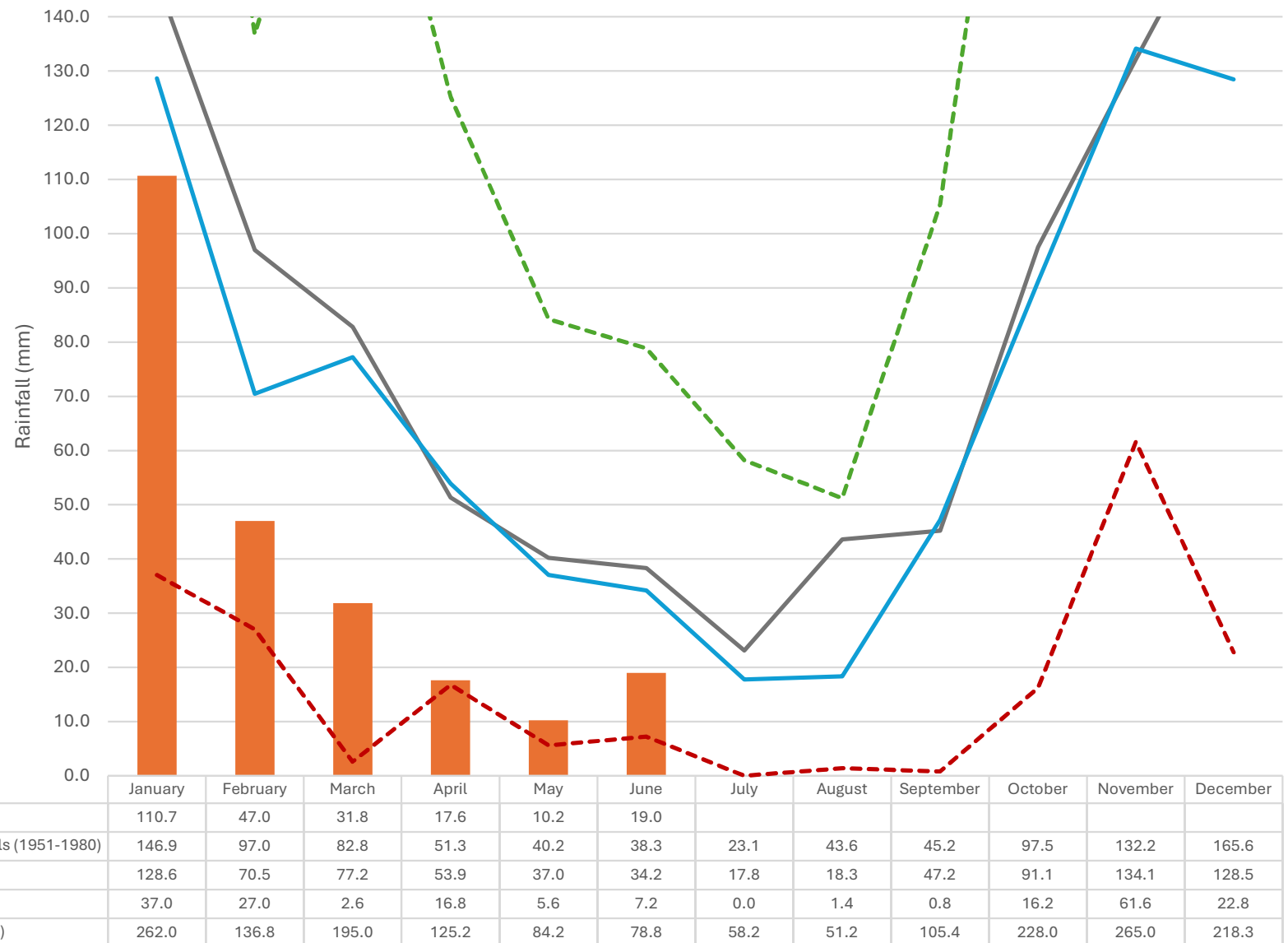
Volumetric Flow Rates and Rainfall



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Rainfall at Public Works Yard





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Snow Water Equivalent – Station 3B26P

