

Arrowsmith Dam and Englishman River Weekly Report

June 29 to July 5, 2026

Summary

Arrowsmith Dam

Reservoir level (July 5): 825.40 m

Estimated volume (July 5): 7,700,000.00 m³

Weekly average release rate: 0.85 m³/s

Weekly total released volume: 513,187.46 m³

Englishman River

Weekly average baseflow estimate: 0.29 m³/s (flow at 08HB002 and the intake flow minus the dam release flow)

Weekly average flow at WSC hydrometric gauge 08HB002: 1.04 m³/s

Weekly average ERWS intake withdrawal flow: 0.10 m³/s

Weekly total ERWS intake volume: 54,540.00 m³

Other

Snow water equivalent at station 3B26P (July 5) : 0.00 mm

Total weekly rainfall at PWY: 7.60 mm

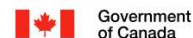
Total weekly rainfall at Community Park: 8.80 mm

East Vancouver Island Drought Level: 4

Key Messages

- 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)

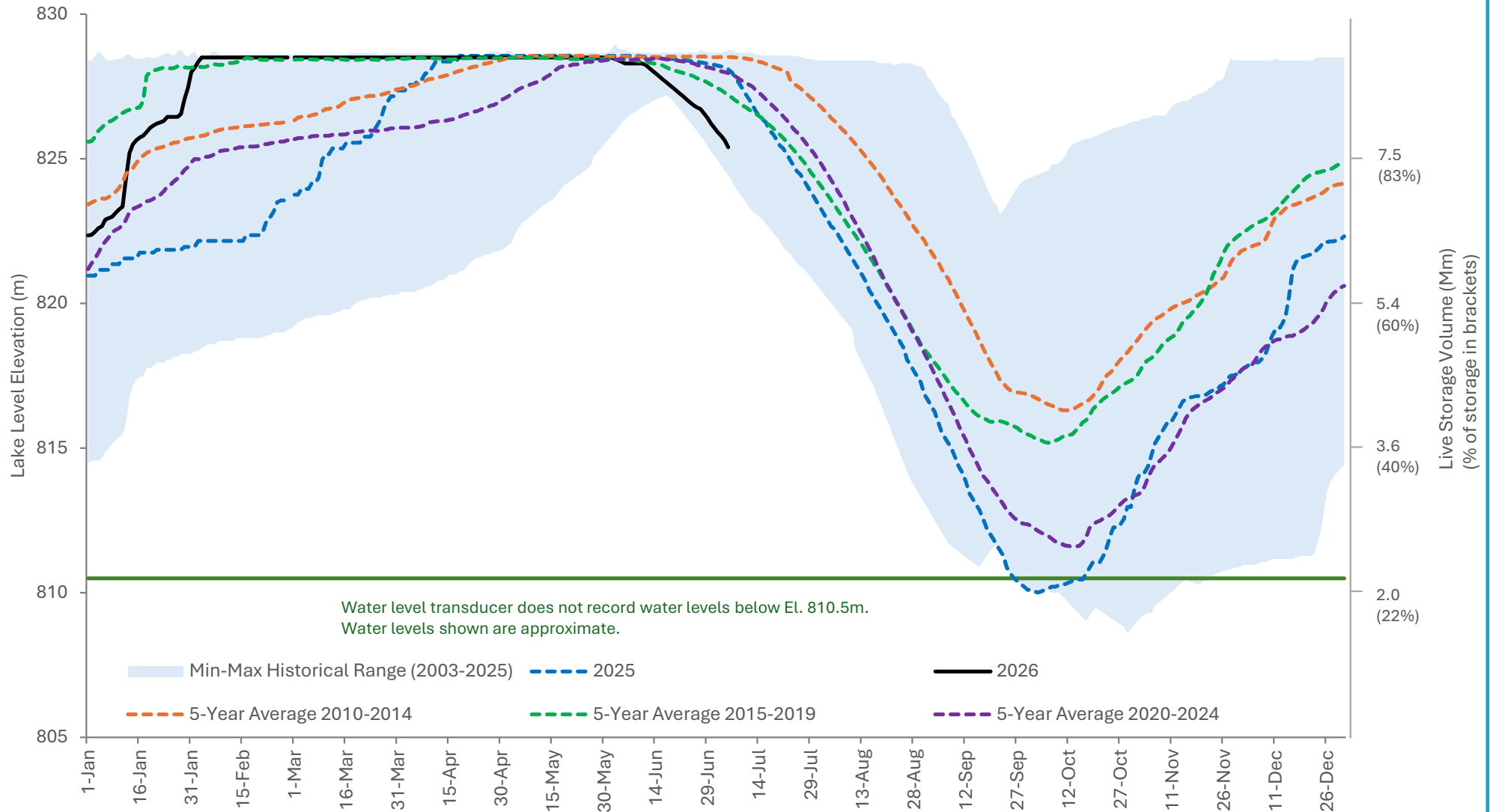


Mon 6 Jul	Tue 7 Jul	Wed 8 Jul	Thu 9 Jul	Fri 10 Jul	Sat 11 Jul	Sun 12 Jul
 25°C A mix of sun and cloud	 20°C 40% Chance of showers	 22°C Sunny	 20°C A mix of sun and cloud	 20°C A mix of sun and cloud	 19°C A mix of sun and cloud	 22°C A mix of sun and cloud
Tonight	Night	Night	Night	Night	Night	
 10°C A few clouds	 14°C 40% Chance of showers	 13°C Cloudy periods	 14°C Cloudy periods	 13°C Cloudy periods	 13°C Cloudy periods	

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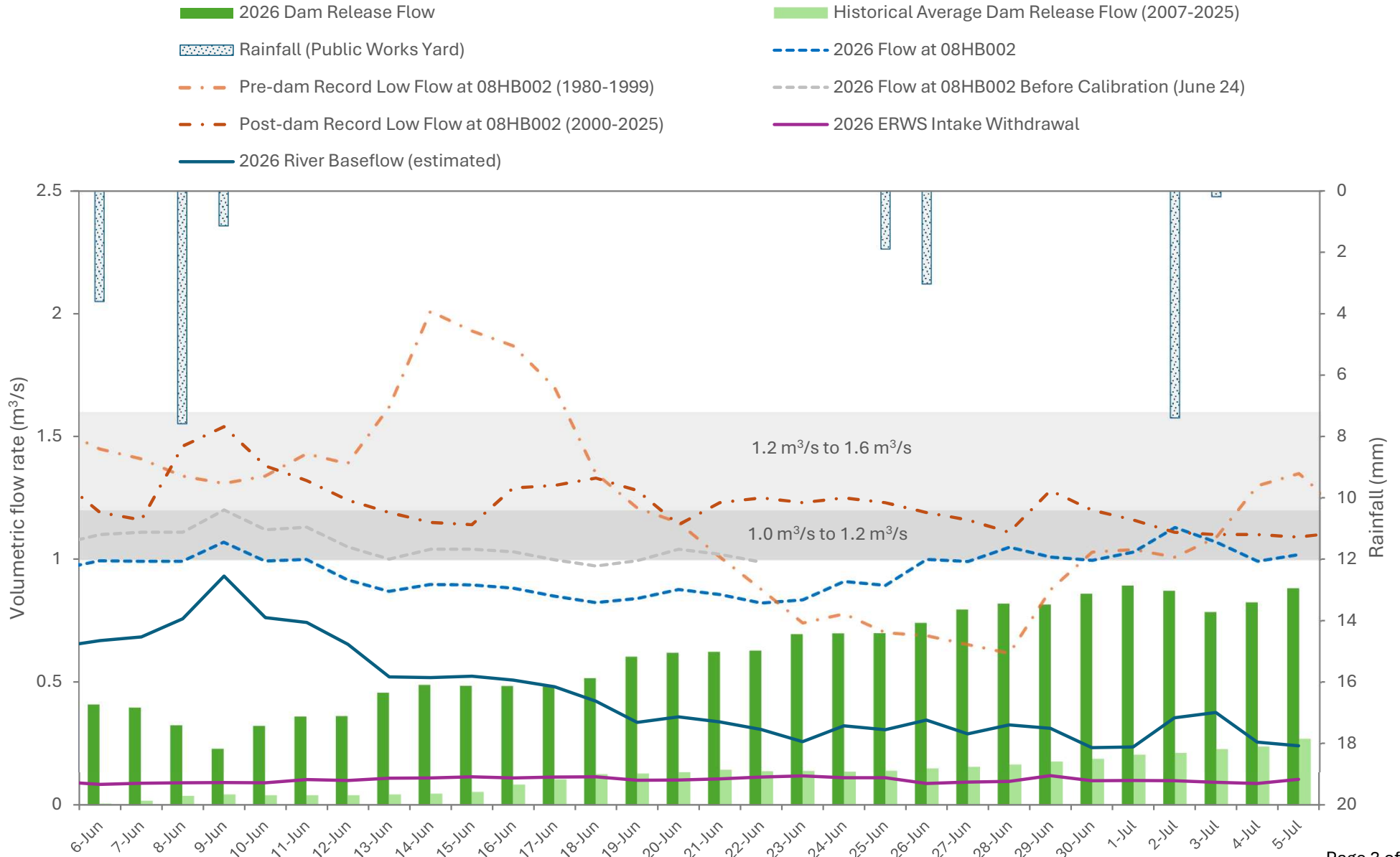
Arrowsmith Dam Reservoir Level



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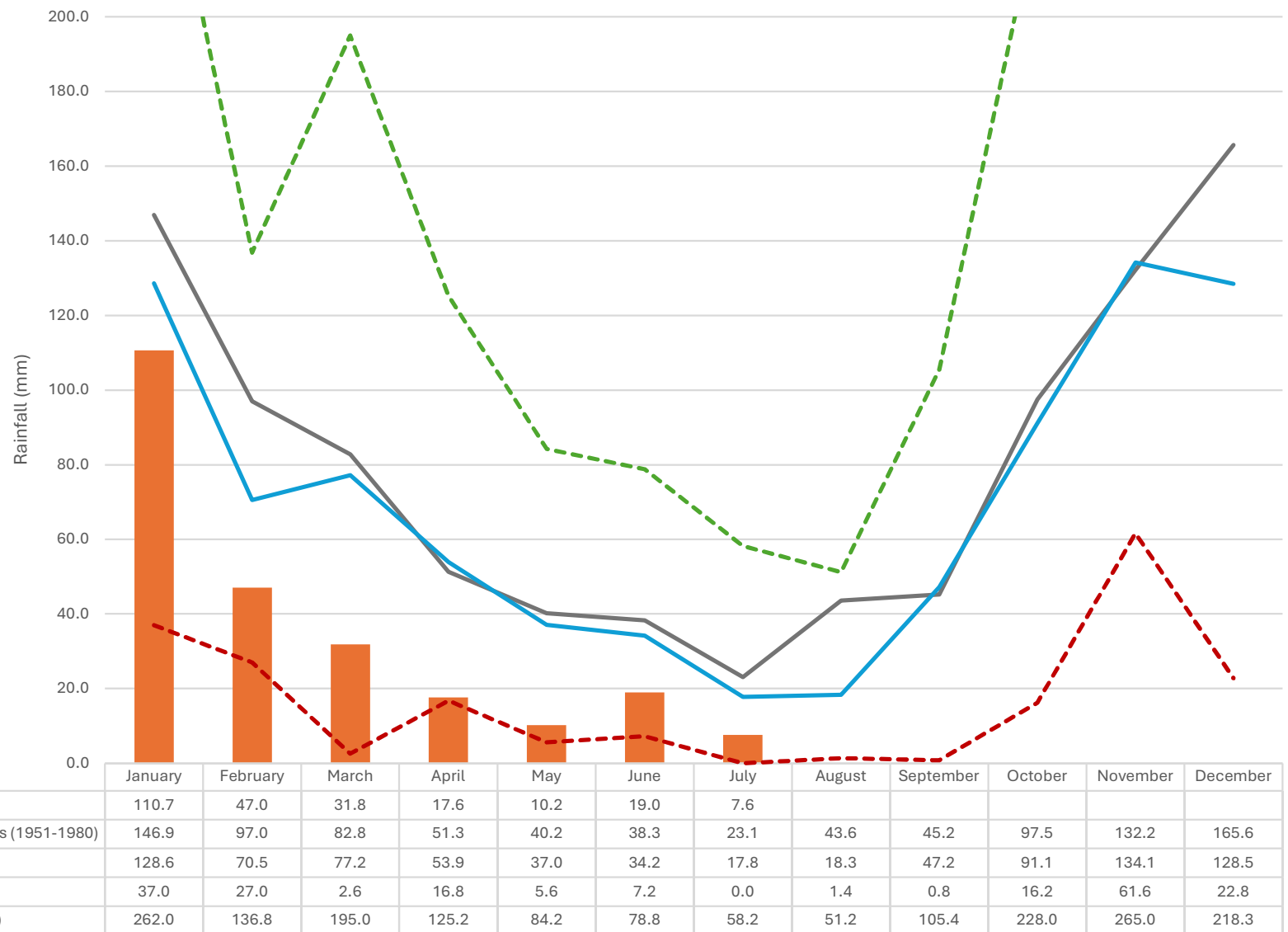
Volumetric Flow Rates and Rainfall



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Rainfall at Public Works Yard





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Snow Water Equivalent – Station 3B26P

