



Arrowsmith Dam and Englishman River Weekly Report

August 3 to August 9, 2026

Summary

Arrowsmith Dam

Reservoir level (August 9): 818.95 m

Estimated volume (August 9): 5,030,000.00 m³

Weekly average release rate: 0.84 m³/s

Weekly total released volume: 509,226.32 m³

Englishman River

Weekly average baseflow estimate: 0.18 m³/s (flow at 08HB002 and the intake flow minus the dam release flow)

Weekly average flow at WSC hydrometric gauge 08HB002: 0.92 m³/s

Weekly average ERWS intake withdrawal flow: 0.10 m³/s

Weekly total ERWS intake volume: 51,290.00 m³

Other

Snow water equivalent at station 3B26P: No snow left by May 10

Total weekly rainfall at PWY: 0 mm

Total weekly rainfall at Community Park: 0 mm

East Vancouver Island Drought Level: 2

Parksville's Level 3 water conservation enacted: June 1, 2026

Parksville's Level 4 water conservation enacted: July 3, 2026

Key Messages

- The Arrowsmith Dam lake level has been below minimum historical level for the past week, as seen on page 2.
- An Order under the Water Sustainability Act was received on August 5, 2026. This order allows for a flow reduction of 0.80 m³/s at hydrometric gauge 08HB002 for the remainder of the flow release period, which ends on October 31, 2026.
- The WSC Hydrometric Gauge 08HB002 was last calibrated on July 20. The data was corrected up to the last calibration. 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)

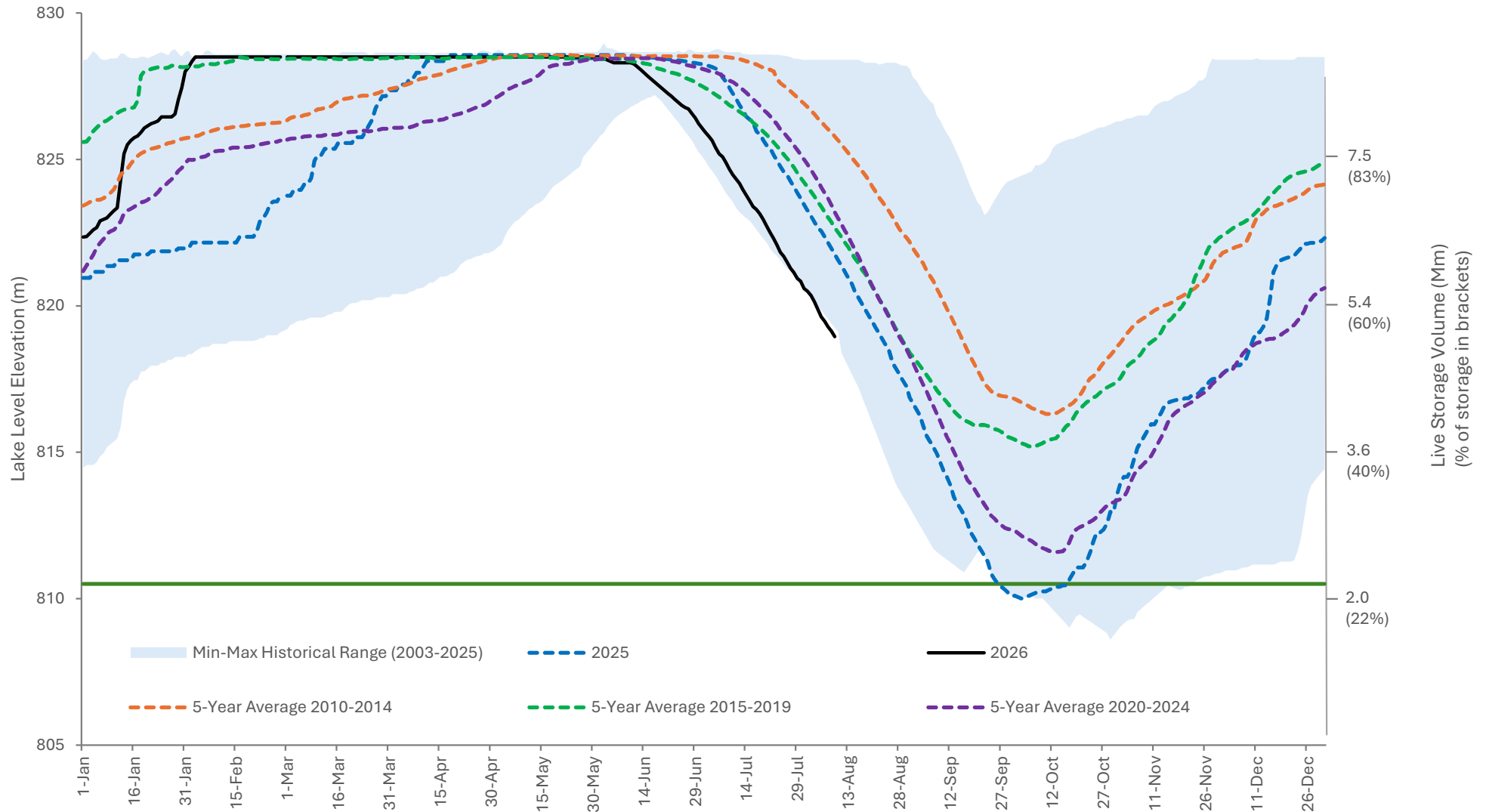


Mon 10 Aug	Tue 11 Aug	Wed 12 Aug	Thu 13 Aug	Fri 14 Aug	Sat 15 Aug	Sun 16 Aug
 24°C 30% Chance of showers	 25°C Mainly sunny	 25°C Sunny	 26°C Sunny	 25°C A mix of sun and cloud	 25°C A mix of sun and cloud	 24°C A mix of sun and cloud
Tonight	Night	Night	Night	Night	Night	
 14°C 30% Chance of showers	 14°C Clear	 14°C Clear	 15°C Clear	 15°C Cloudy periods	 15°C Cloudy periods	

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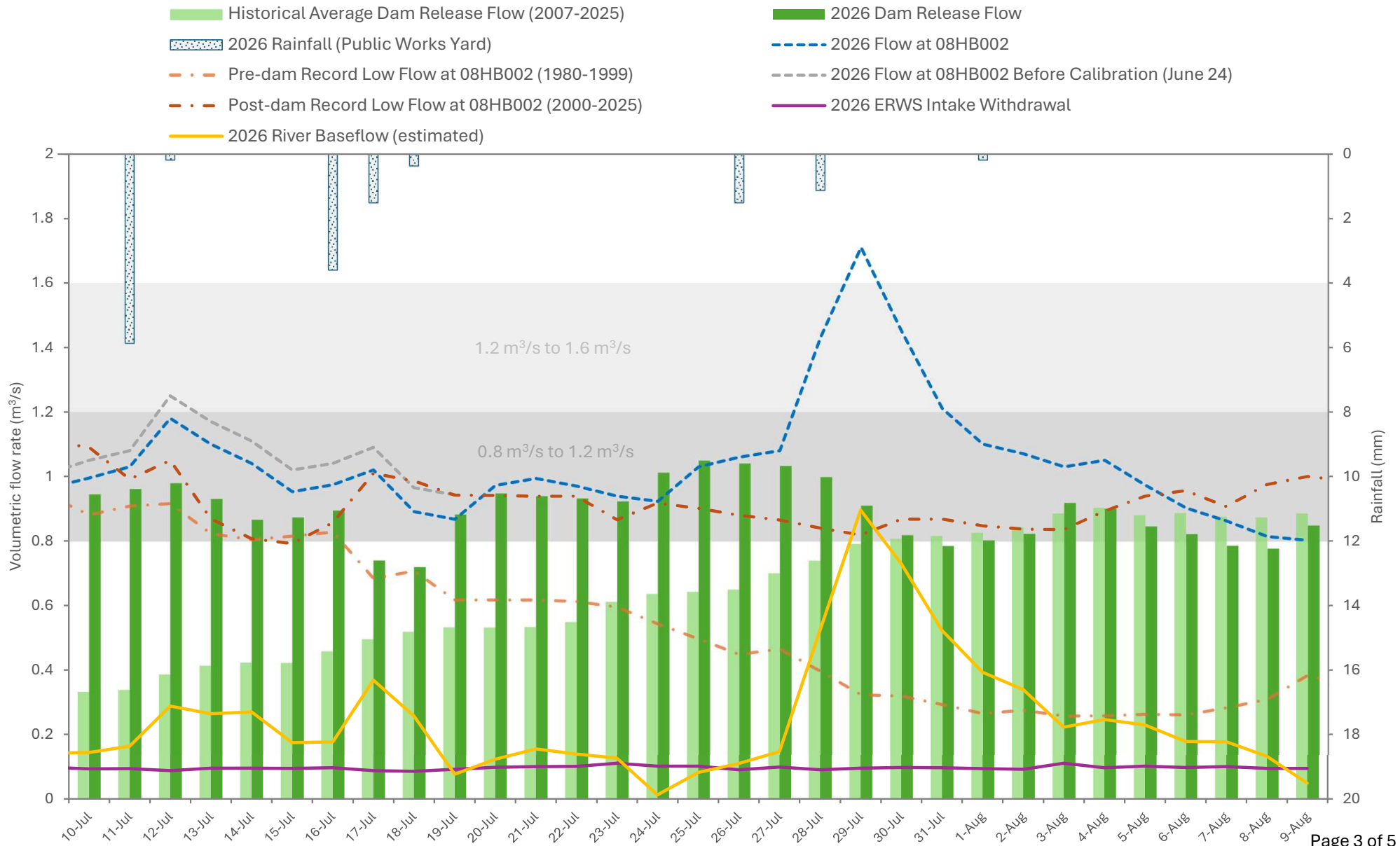
Arrowsmith Dam Reservoir Level



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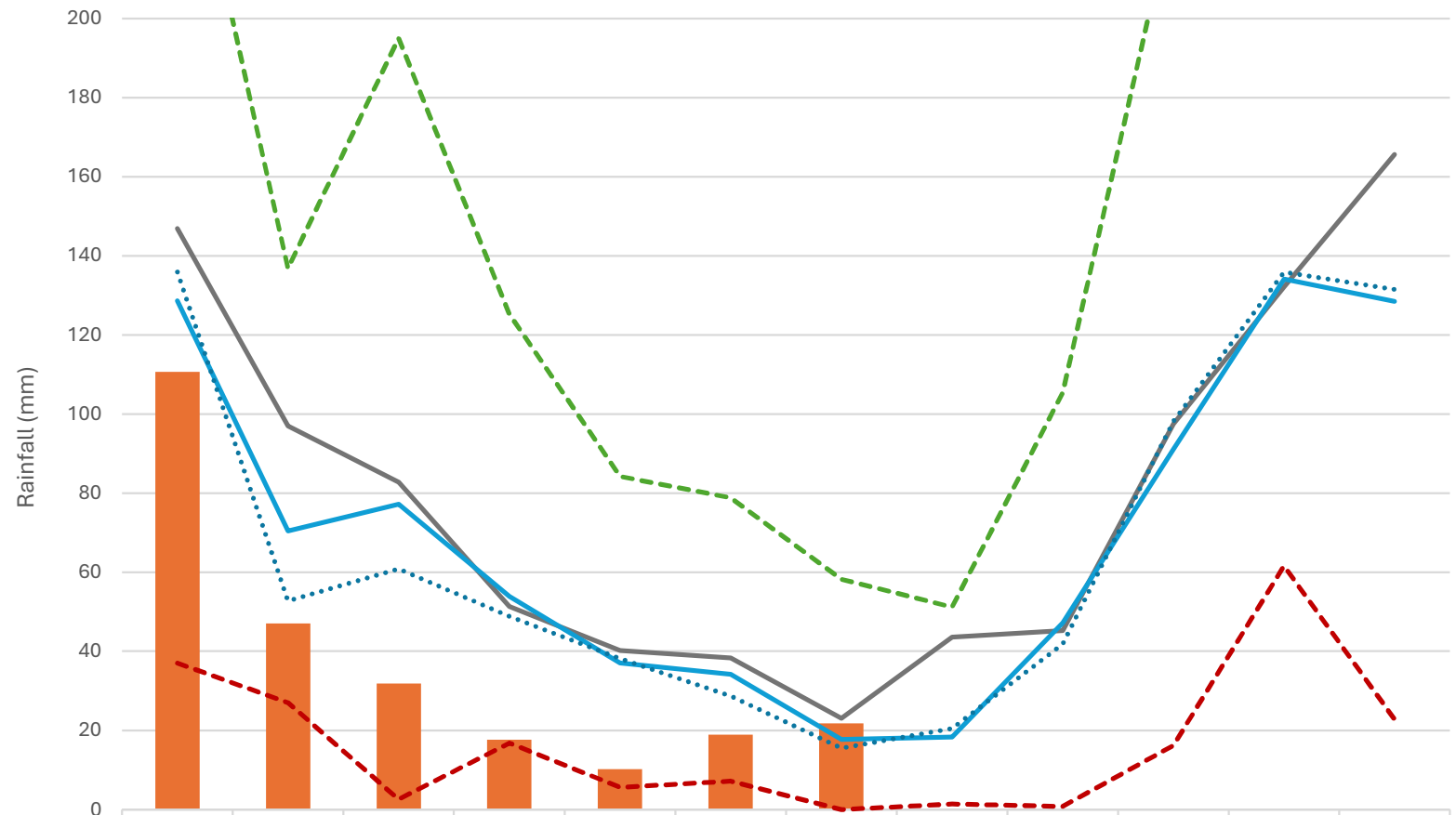
Volumetric Flow Rates and Rainfall



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Rainfall at Public Works Yard



	January	February	March	April	May	June	July	August	September	October	November	December
2026	110.7	47.0	31.8	17.6	10.2	19.0	21.8	0.2				
Parksville AES Precipitation Normals (1951-1980)	146.9	97.0	82.8	51.3	40.2	38.3	23.1	43.6	45.2	97.5	132.2	165.6
Precipitation Average (2005-2025)	128.6	70.5	77.2	53.9	37.0	34.2	17.8	18.3	47.2	91.1	134.1	128.5
Precipitation Minimum(2005-2025)	37.0	27.0	2.6	16.8	5.6	7.2	0.0	1.4	0.8	16.2	61.6	22.8
Precipitation Maximum (2005-2025)	262.0	136.8	195.0	125.2	84.2	78.8	58.2	51.2	105.4	228.0	265.0	218.3
6-Year Precipitation Average (2020-2025)	135.9	52.7	60.8	48.8	38.2	28.7	15.5	20.5	41.8	98.1	135.8	131.5
Year with Highest Precipitation Maximum (2005-2025)	2006	2014	2016	2022	2011	2007	2011	2007	2021	2016	2009	2015
Year with Lowest Precipitation Minimum (2005-2025)	2025	2009	2019	2025	2018	2025	2013	2018	2022	2013	2019	2013

*AES: Atmospheric Environment Service

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Parksville & RDN (Nanoose Bay) Consumption During Water Conservation Level 2 to 4

