

Arrowsmith Dam and Englishman River Weekly Report

August 10 to August 16, 2026

Summary

Arrowsmith Dam

Reservoir level (August 16): 817.64 m

Estimated volume (August 16): 4,560,000.00 m³

Weekly average release rate: 0.85 m³/s

Weekly total released volume: 515,094.03 m³

Englishman River

Weekly average baseflow estimate: 0.06 m³/s (flow at 08HB002 and the intake flow minus the dam release flow)

Weekly average flow at WSC hydrometric gauge 08HB002: 0.82 m³/s

Weekly average ERWS intake withdrawal flow: 0.10 m³/s

Weekly total ERWS intake volume: 48,780.00 m³

Other

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

Total weekly rainfall at PWY: 0.2 mm

Total weekly rainfall at Community Park: 0.6 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

- 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. This order was received to aid with conservation at the Arrowsmith Reservoir.
- 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)

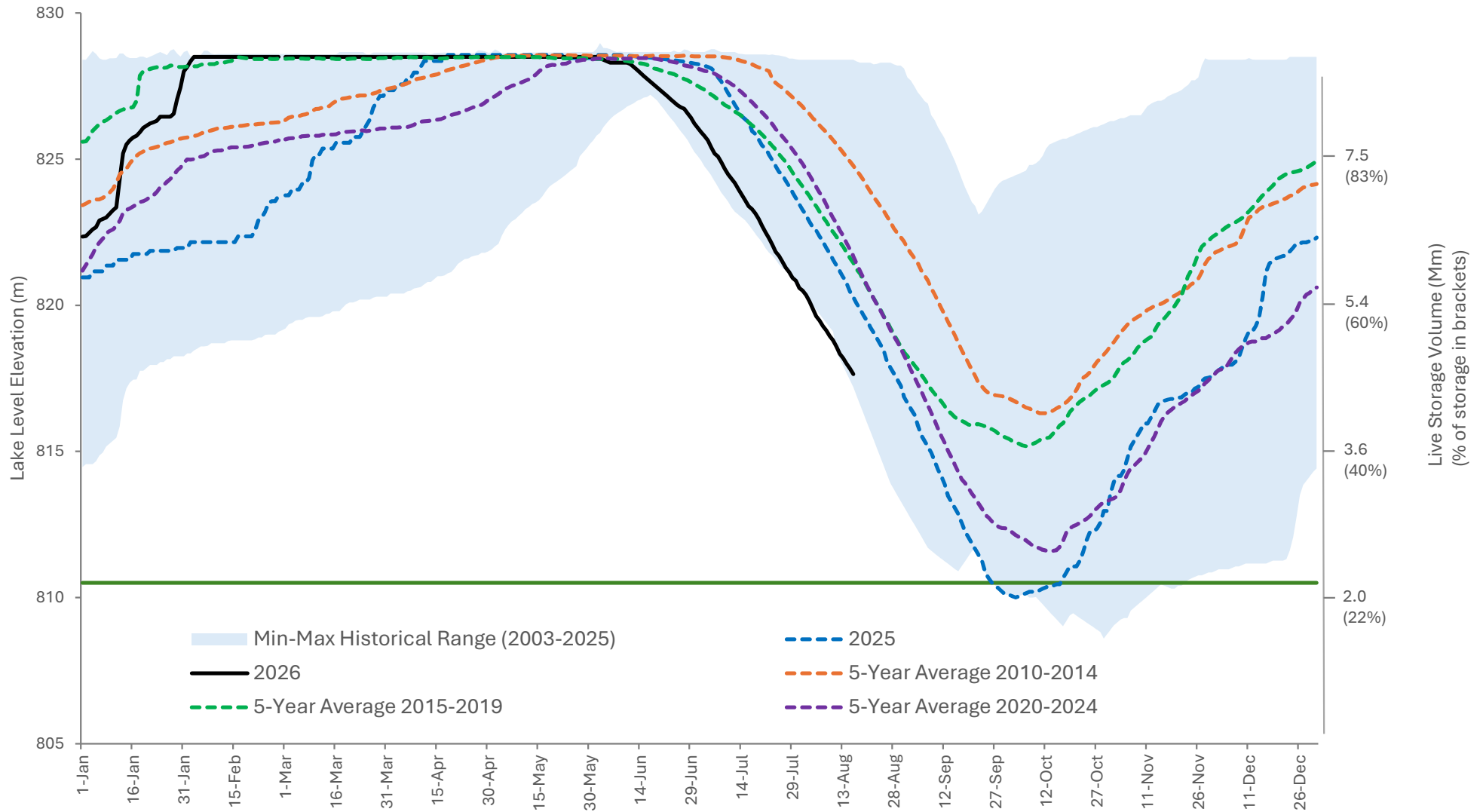


Mon 17 Aug	Tue 18 Aug	Wed 19 Aug	Thu 20 Aug	Fri 21 Aug	Sat 22 Aug	Sun 23 Aug
 25°C Sunny	 25°C Mainly sunny	 23°C Sunny	 25°C Sunny	 27°C Sunny	 21°C 60% Chance of showers	 21°C A mix of sun and cloud
Tonight	Night	Night	Night	Night	Night	
 14°C A few clouds	 14°C Clear	 13°C Clear	 14°C Clear	 17°C Cloudy periods	 15°C Cloudy periods	

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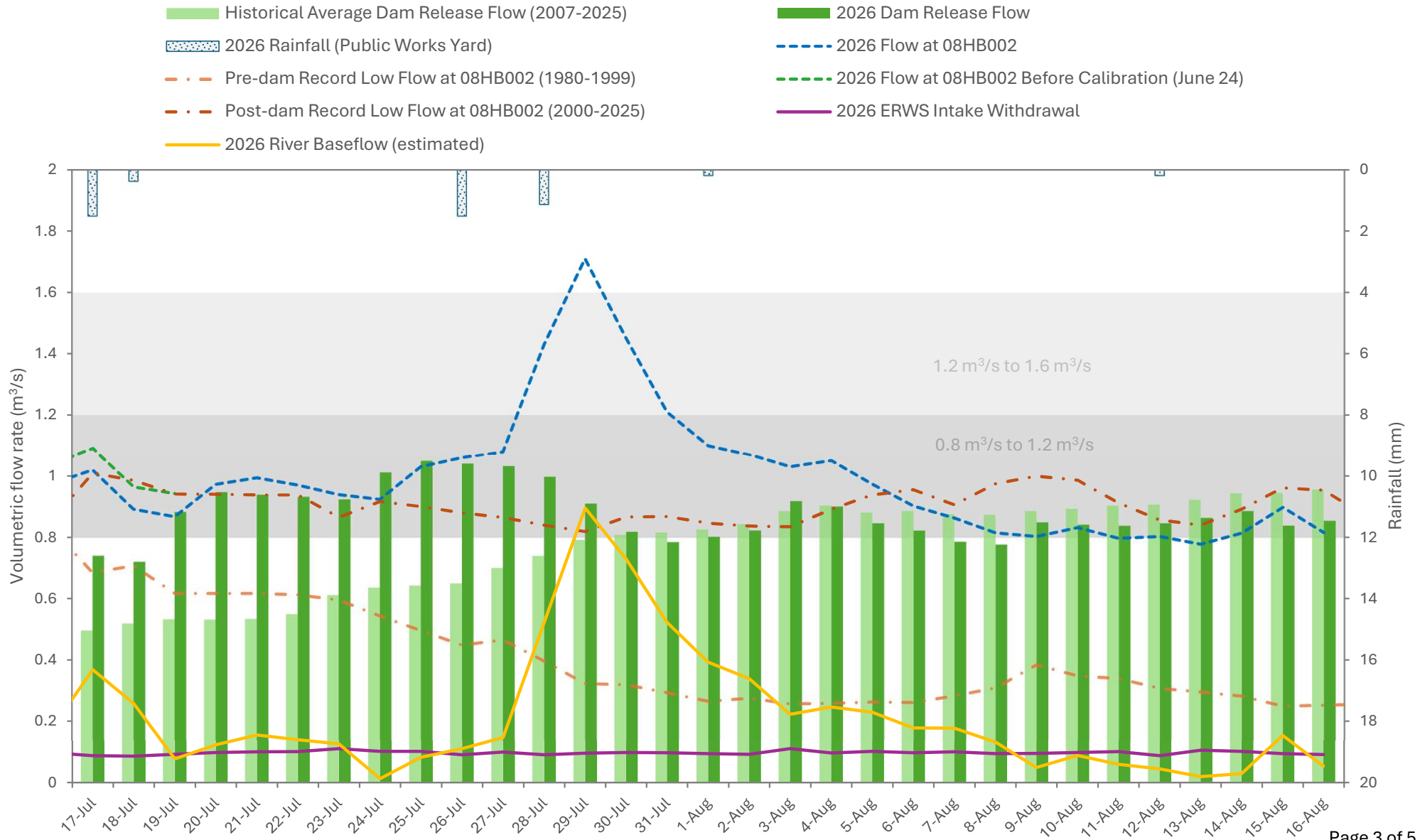
Arrowsmith Dam Reservoir Level



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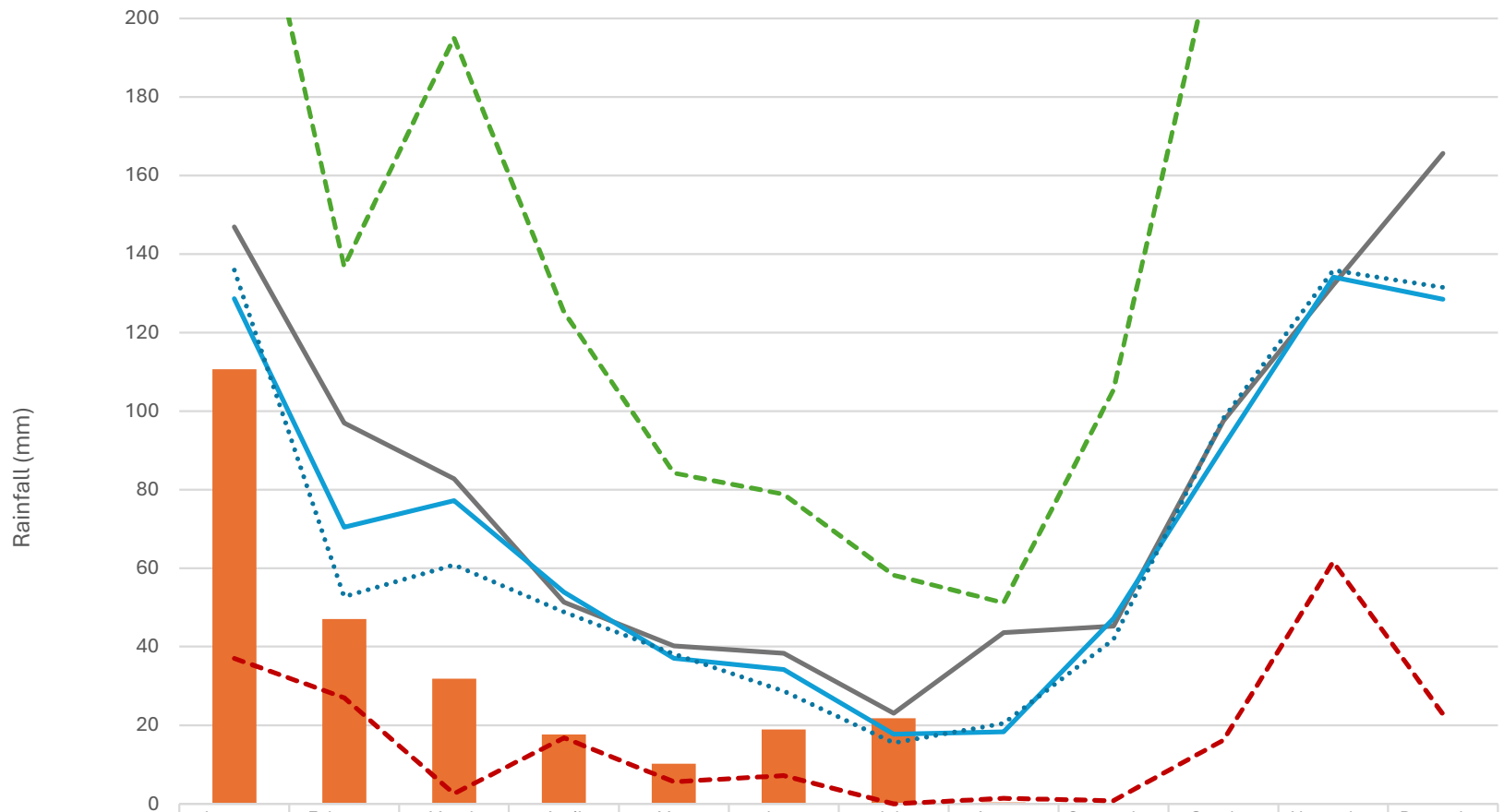
Volumetric Flow Rates and Rainfall



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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	0.4				
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

