Arrowsmith Dam and Englishman River Weekly Report

October 19 to October 25, 2026

Summary

Arrowsmith Dam

Reservoir level (October 25): 810.44 m

Estimated volume (October 25): 2,120,000.00 m^3

Weekly average release rate: 0.31 m^3/s

Weekly total released volume: 187,176.04 m^3

Englishman River

Weekly average baseflow estimate: 0.78 m^3/s (flow at 08HB002 and the intake flow minus the dam release flow)

Weekly average flow at WSC hydrometric gauge 08HB002: 1.01 m^3/s

Weekly average ERWS intake withdrawal flow: 0.08 m^3/s

Weekly total ERWS intake volume: 26,320.00 m^3

Other

Snow water equivalent at station 3B26P: 44mm

Total weekly rainfall at PWY: 34.7 mm

Total weekly rainfall at Community Park: 40.0 mm

Total weekly precipitation at Mount Arrowsmith station 3B26P: 44 mm

East Vancouver Island Drought Level: 2

Parksville's Level 3 water conservation: June 1-July 2 and October 2-ongoing

Parksville's Level 4 water conservation: July 3-October 1

Key Messages

- An Order under the Water Sustainability Act was received October 22, 2026, authorizing a flow reduction to a minimum of 0.70 m^3/s at hydrometric gauge 08HB002, for the remainder of the flow release period, ending October 31, 2026. This Order authorizes the reduction in flow to reflect the maximum flow that can be released from the siphon zone in the Arrowsmith Lake Reservoir, at the current water level.
- The WSC Hydrometric Gauge 08HB002 was last calibrated on October 9. The data was corrected up to the last calibration. Operators maintain river levels based on available WSC data, and adjustments to flow are implemented once calibration and data correction are completed.

Weather Forecast (Qualicum Airport)

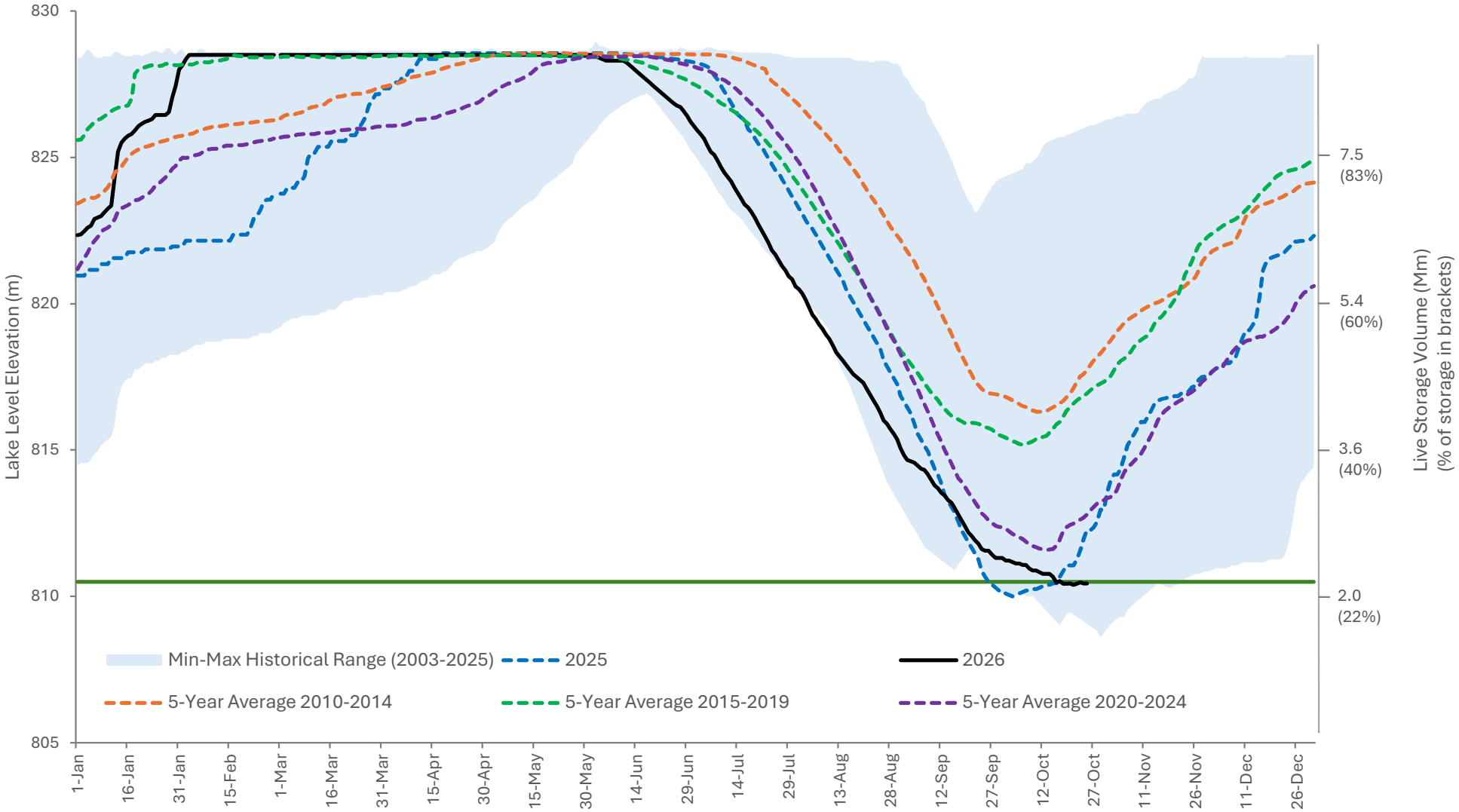
Government of Canada

Mon 26 Oct	Tue 27 Oct	Wed 28 Oct	Thu 29 Oct	Fri 30 Oct	Sat 31 Oct	Sun 1 Nov
12°C 60% Chance of drizzle	10°C 60% Chance of showers	9°C Showers	8°C Rain	8°C Sunny	10°C A mix of sun and cloud	10°C A mix of sun and cloud
Tonight	Night	Night	Night	Night	Night	
5°C 60% Chance of showers	4°C Showers	5°C Showers	2°C Cloudy periods	1°C Cloudy periods	2°C Cloudy periods	

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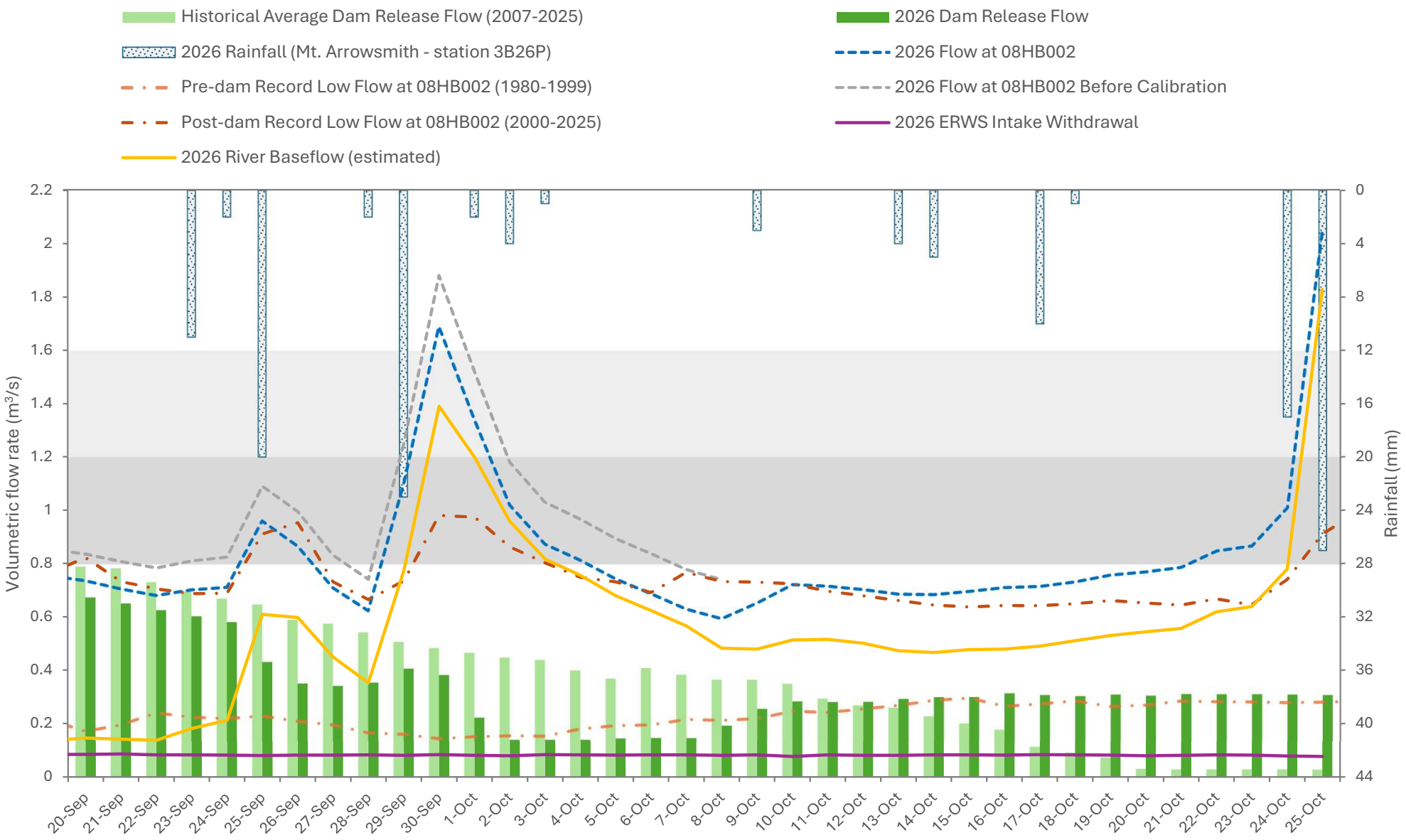
Arrowsmith Dam Reservoir Level



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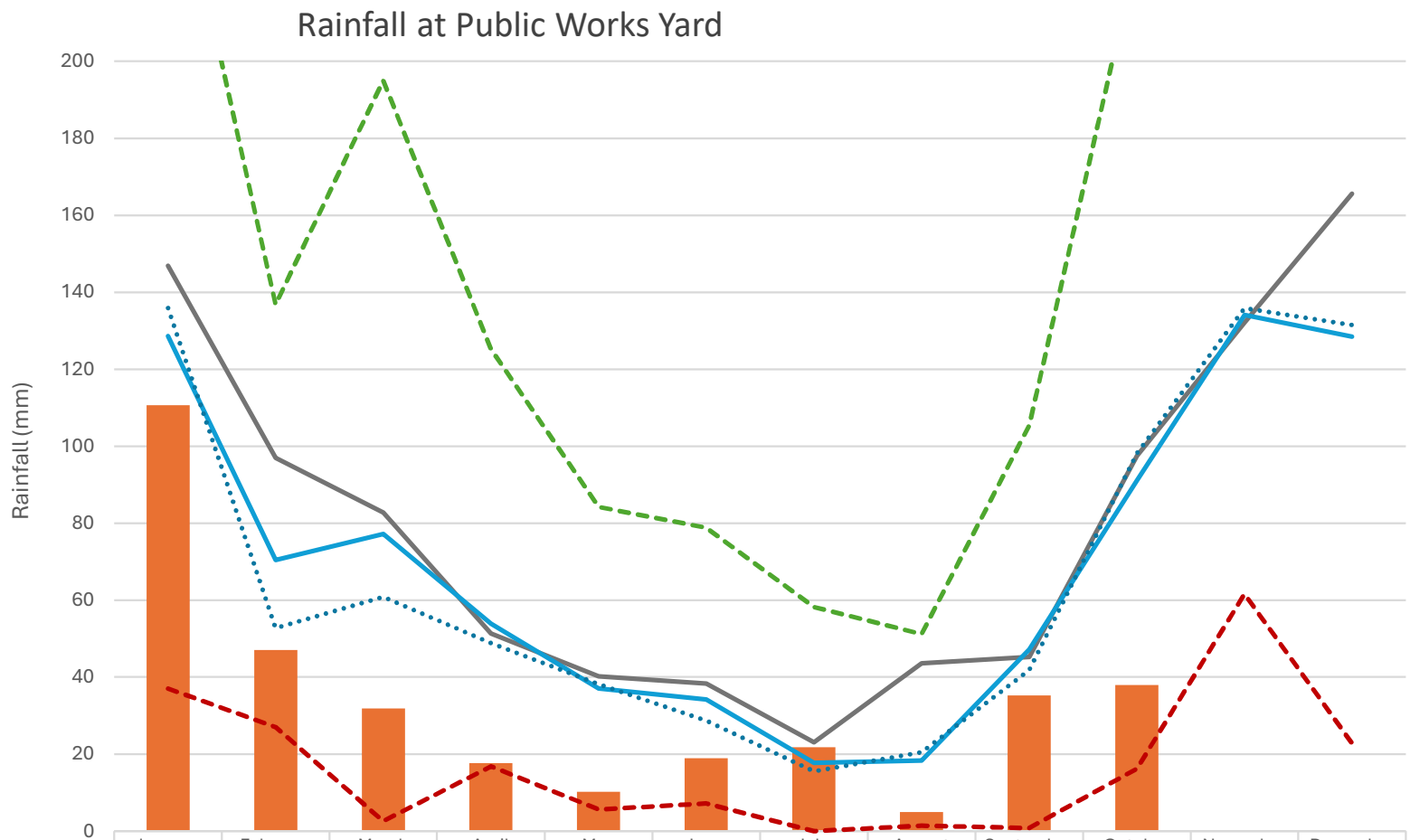
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Volumetric Flow Rates and Rainfall



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	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	4.9	35.2	37.9		
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 2-4

