

Arrowsmith Dam and Englishman River Weekly Report

October 13 to October 19, 2025

Summary

Arrowsmith Dam

Lake level (October 19): 811.1 m

Estimated volume (October 19): 2,330,000 m³

Weekly average release rate: 0.0 m³/s

Weekly total released volume: 0 m³

Englishman River

Weekly average baseflow estimate: 1.30 m³/s (flow at 08HB002 minus dam release)

Weekly average flow at WSC hydrometric gauge 08HB002: 1.30 m³/s

Weekly average ERWS intake withdrawal flow: 0.07 m³/s

Weekly total ERWS intake volume: 23,660 m³

Other

Snow water equivalent at station 3B26P (October 19): 0 mm

Total weekly rainfall at PWY: 6.6 mm

Total weekly rainfall at Community Park: 8.6 mm

East Vancouver Island Drought Level: 0

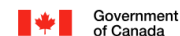
Comments

The Dam is currently not releasing water.

Staff will continue to maintain a flow of 1.0m³/s at Water Survey of Canada (WSC) gauge 08HB002. Due to the need to keep the flow below 1.2m³/s, level 4 water conservation will continue to be in effect as per Order dated June 19, 2025 under the *Water Sustainability Act*, which authorized a reduction in flows at gauge 08HB002 to a minimum of 1.0m³/s until October 31, 2025.

The Order stipulates that water conservation level 3 must be enacted when flows fall below 1.6 m³/s but remain at or above 1.2m³/s, and Stage 4 be enacted when flows drop below 1.2m³/s.

Weather Forecast (Qualicum Airport)

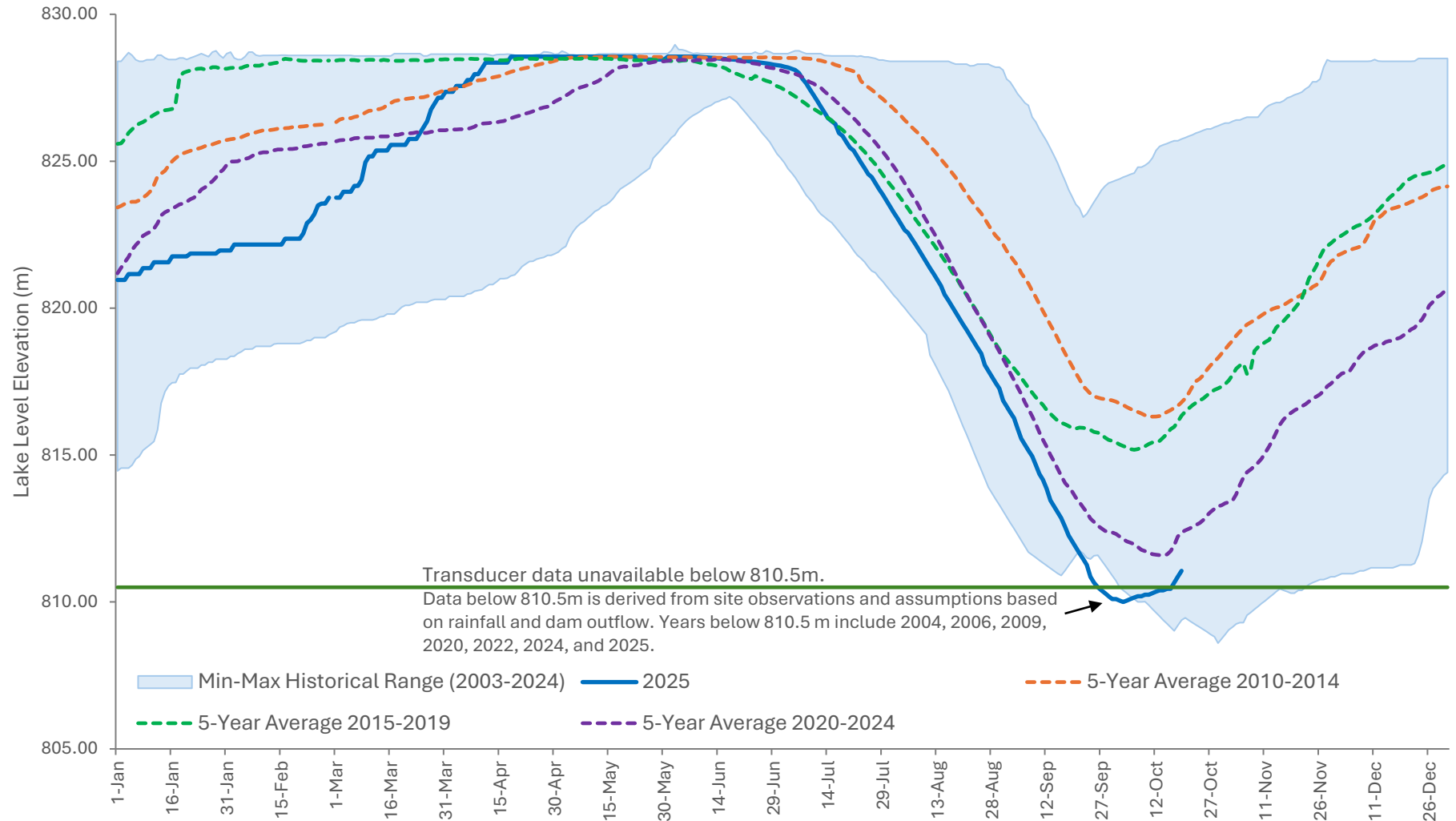


Mon 20 Oct	Tue 21 Oct	Wed 22 Oct	Thu 23 Oct	Fri 24 Oct	Sat 25 Oct	Sun 26 Oct
 11°C Periods of rain	 12°C 40% Chance of showers	 13°C Rain	 13°C Rain	 12°C Showers	 11°C Rain	 10°C Periods of rain
Tonight	Night	Night	Night	Night	Night	
 8°C Periods of rain	 6°C Cloudy periods	 10°C Periods of rain	 11°C Rain	 7°C Showers	 6°C Rain	

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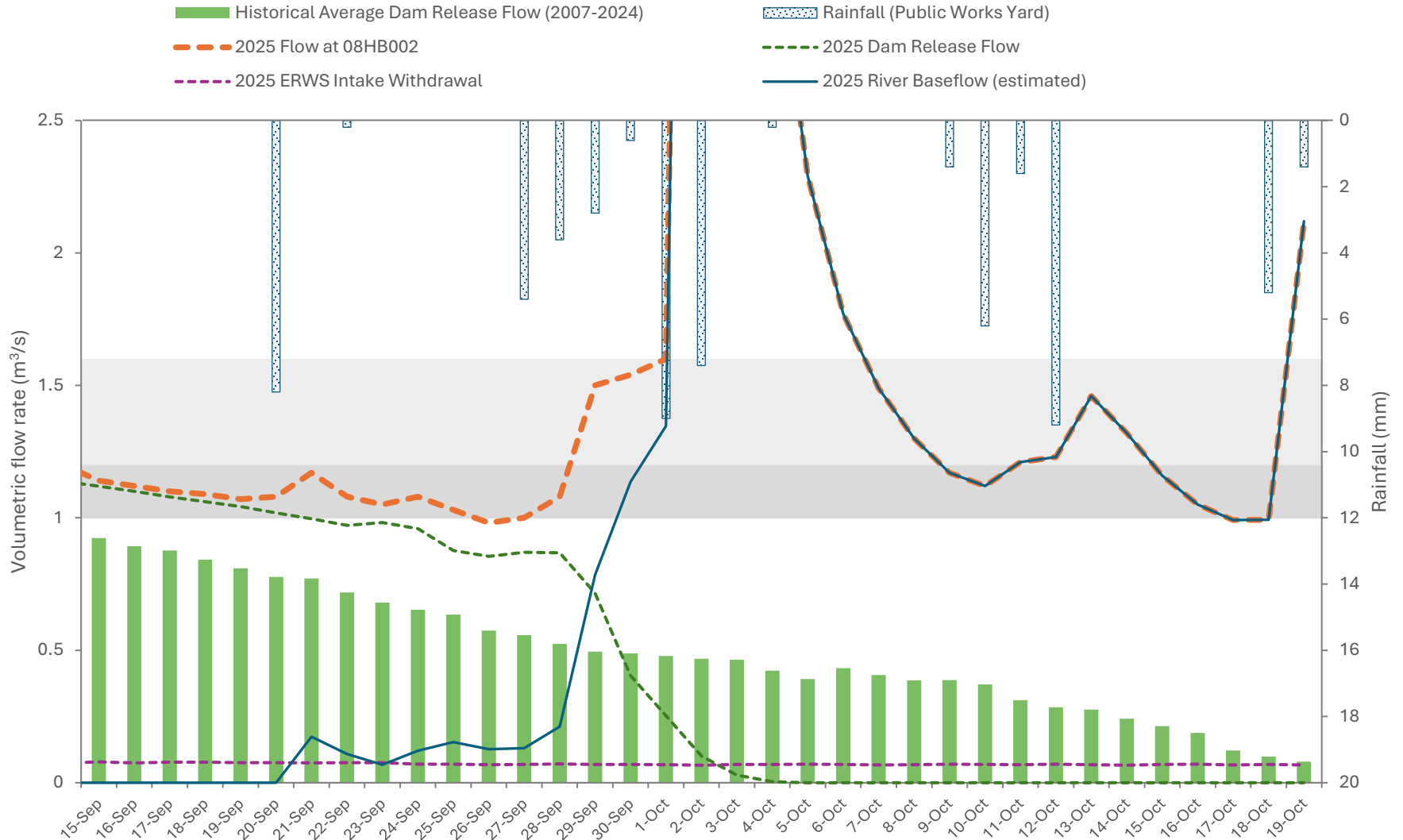
Arrowsmith Dam Lake Level



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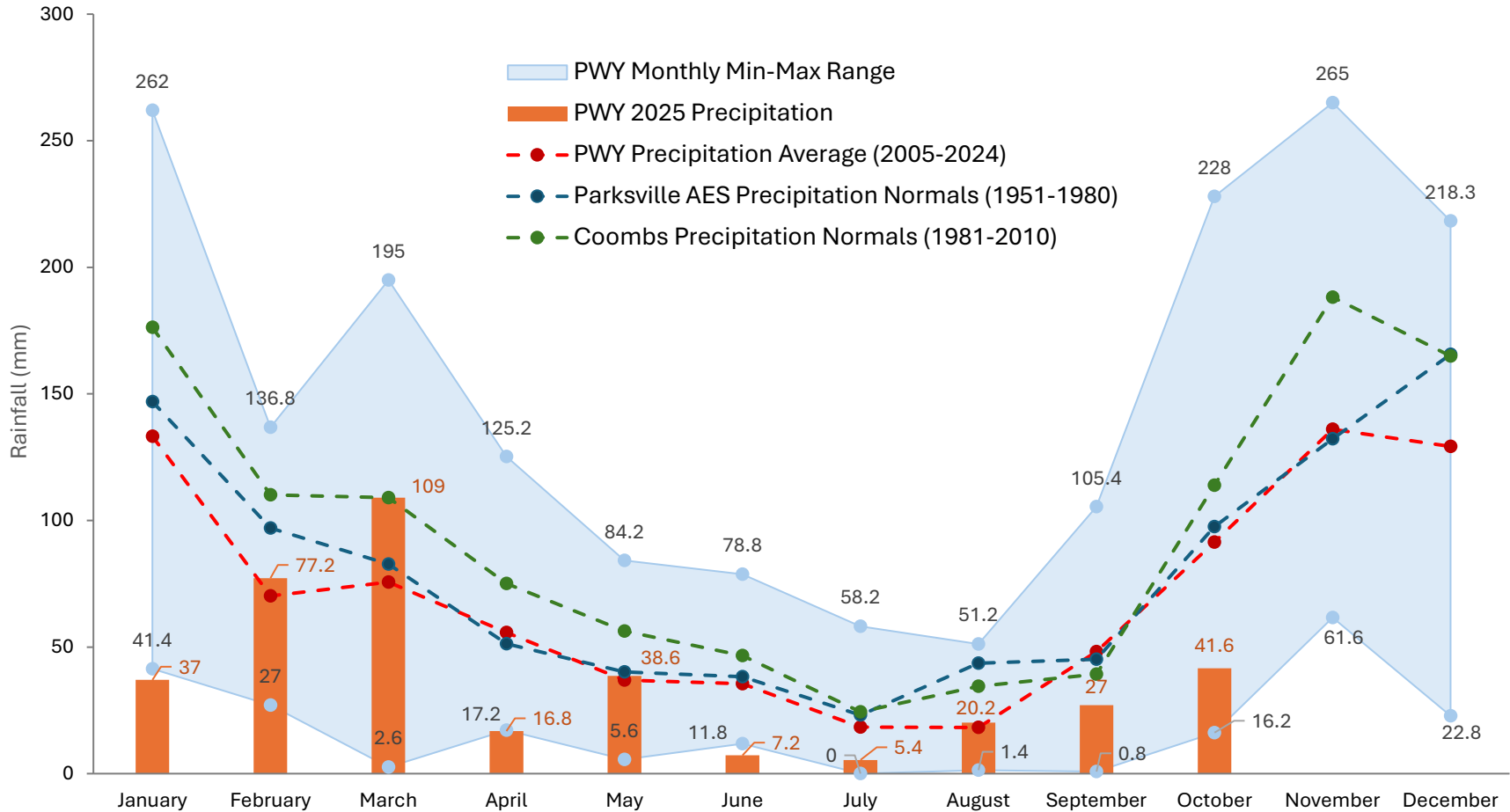
Volumetric Flow Rate and Rainfall



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Rainfall at Public Works Yard



AES: Atmospheric Environment Service
PWY: Public Works Yard