

Arrowsmith Dam and Englishman River Weekly Report

June 15 to June 21, 2026

Summary

Arrowsmith Dam

Reservoir level (June 21): 827.20 m (estimate)

Estimated volume (June 21): 8,490,000.00 m³

Weekly average release rate: 0.55 m³/s

Weekly total released volume: 330,280.66 m³

Englishman River

Weekly average baseflow estimate: 0.58 m³/s (flow at 08HB002 and the intake flow minus the dam release flow)

Weekly average flow at WSC hydrometric gauge 08HB002: 1.01 m³/s

Weekly average ERWS intake withdrawal flow: 0.11 m³/s

Weekly total ERWS intake volume: 62,920.00 m³

Other

Snow water equivalent at station 3B26P (June 21) : 0.00 mm

Total weekly rainfall at PWY: 0.00 mm

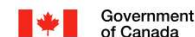
Total weekly rainfall at Community Park: 0.00 mm

East Vancouver Island Drought Level: 4

Key Messages

- The Arrowsmith Dam transducer is currently not functioning. As a result, the reservoir level and estimated storage volume were derived from dam outflow measurements and validated through a visual level reading taken on June 16 and 19.
- Warmer and dryer-than-normal conditions are resulting in a higher-than-normal flow release from the dam, as illustrated on page 3. Historically, baseflow rates at hydrometric gauge 08HB002 are higher during this time of year, which typically requires little to no release from the dam.
- To conserve water in the Arrowsmith Reservoir, and ensure sufficient supply later in the season should the drought conditions persist, operators are maintaining a flow of 1.0m³/s at gauge 08HB002.

Weather Forecast (Qualicum Airport)

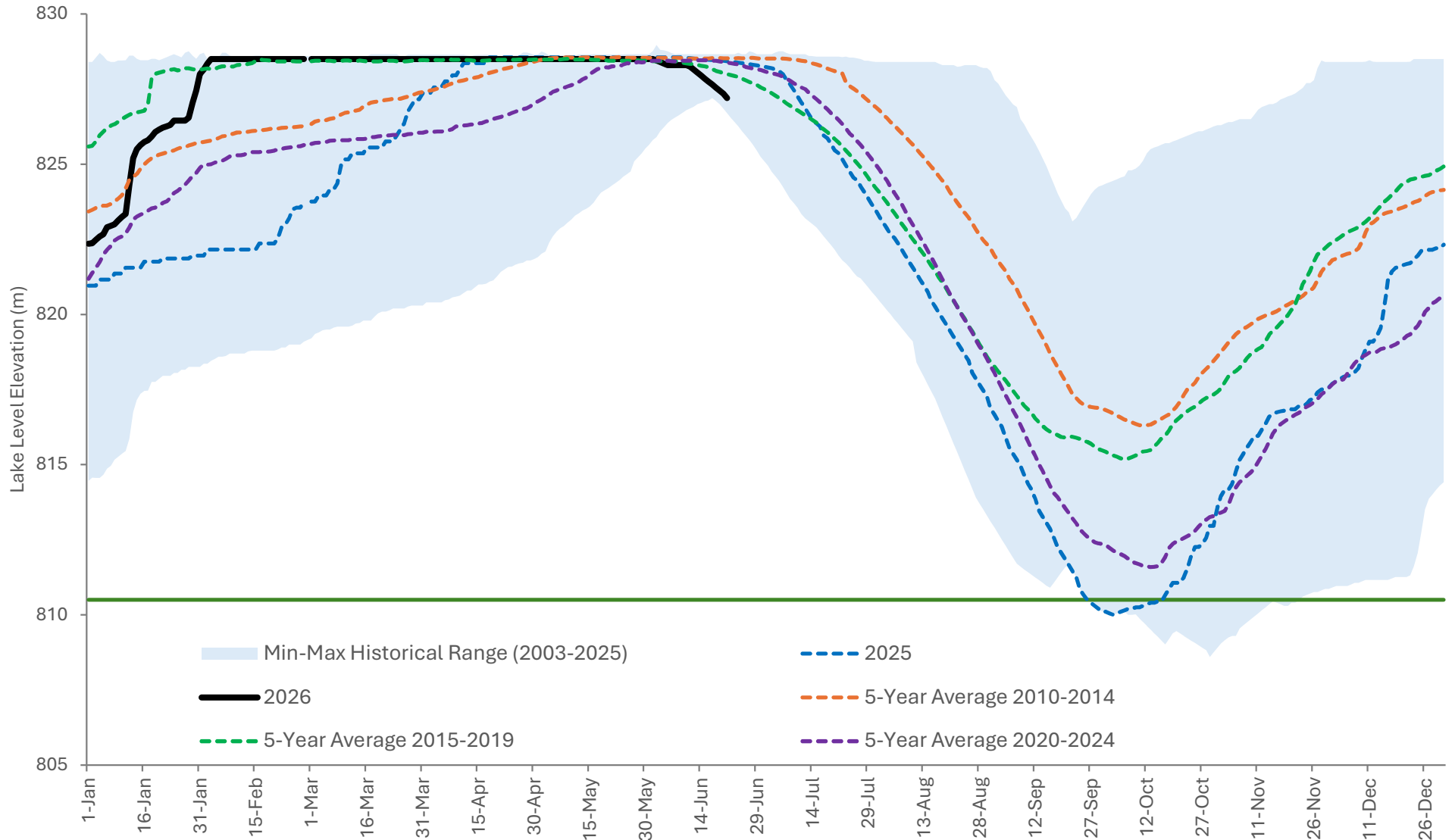


Mon 22 Jun	Tue 23 Jun	Wed 24 Jun	Thu 25 Jun	Fri 26 Jun	Sat 27 Jun	Sun 28 Jun
 29°C Mainly sunny	 29°C A mix of sun and cloud	 26°C A mix of sun and cloud	 21°C Cloudy	 17°C Rain	 18°C 60% Chance of showers	 20°C Cloudy
Tonight	Night	Night	Night	Night	Night	
 15°C A few clouds	 16°C Clear	 14°C Clear	 14°C Periods of rain	 13°C 60% Chance of showers	 12°C 30% Chance of showers	

Arrowsmith Dam and Englishman River Weekly Report

June 15 to June 21, 2026

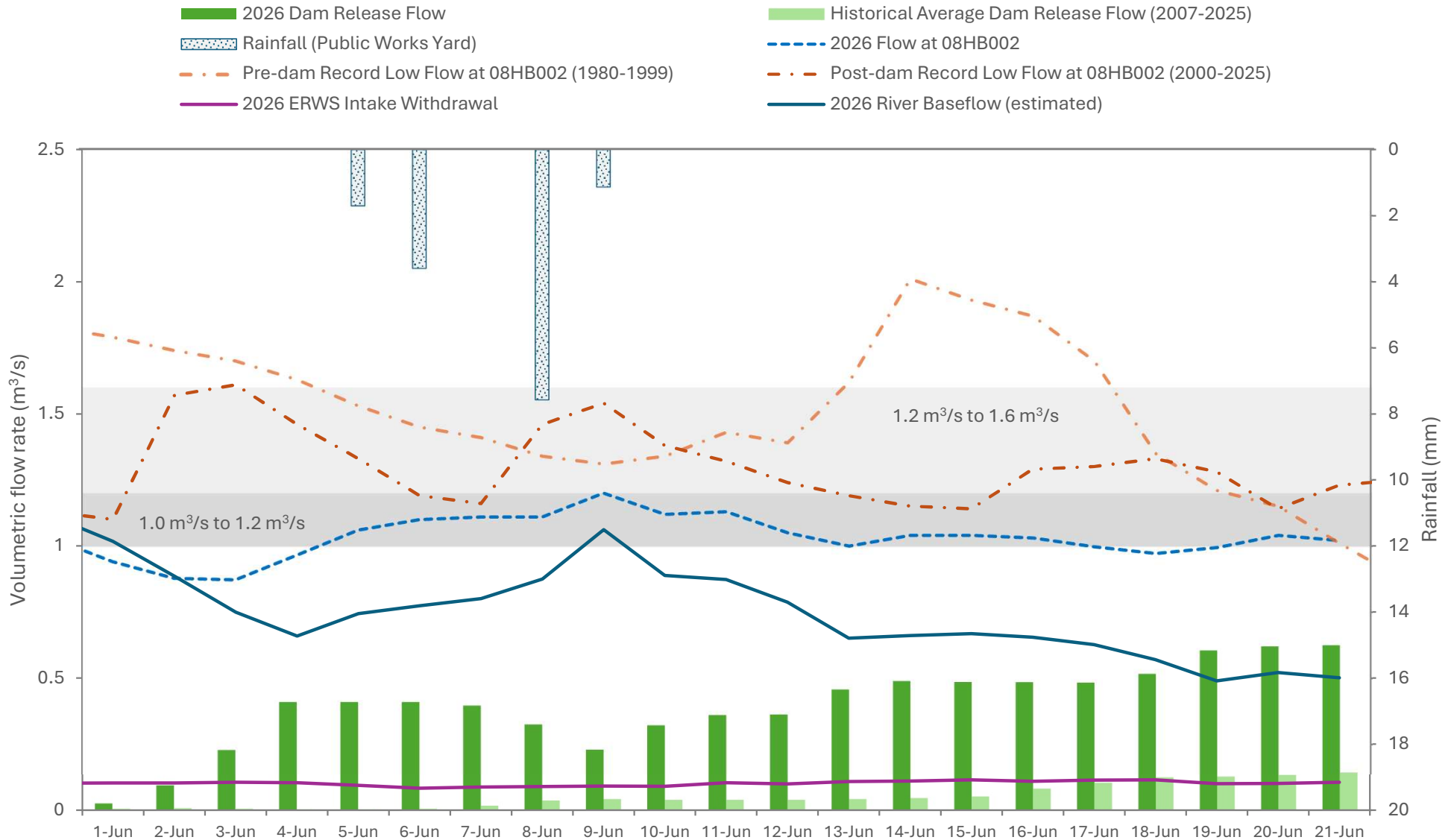
Arrowsmith Dam Reservoir Level



Arrowsmith Dam and Englishman River Weekly Report

June 15 to June 21, 2026

Volumetric Flow Rates and Rainfall

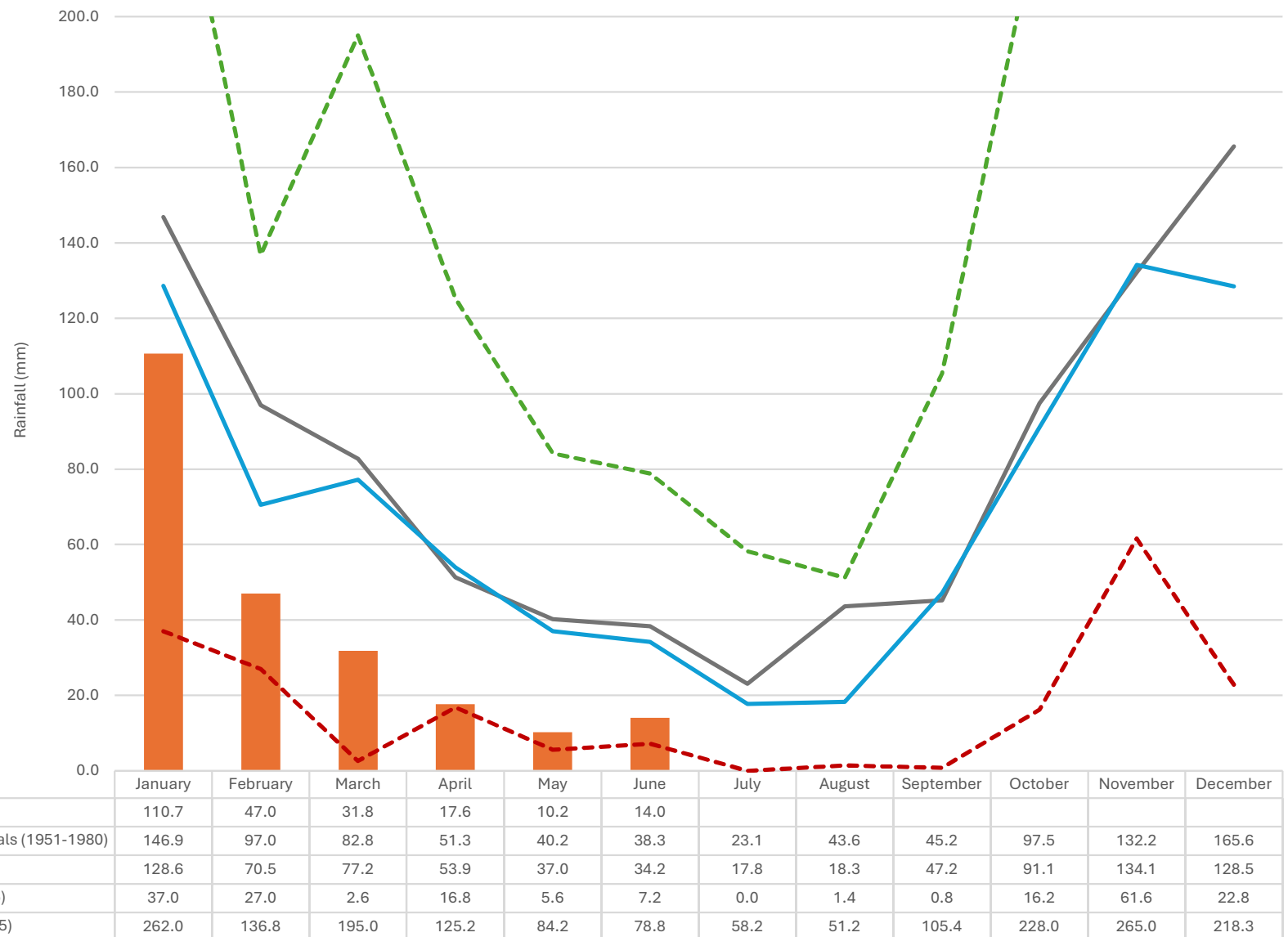




Arrowsmith Dam and Englishman River Weekly Report

June 15 to June 21, 2026

Rainfall at Public Works Yard



*AES: Atmospheric Environment Service

Arrowsmith Dam and Englishman River Weekly Report

June 15 to June 21, 2026

Snow Water Equivalent – Station 3B26P

