



Arrowsmith Dam and Englishman River Weekly Report

October 20 to October 26, 2025

Summary

Arrowsmith Dam

Lake level (October 26): 812.3 m

Estimated volume (October 26): 2, 690,000 m³

Weekly average release rate: 0.0 m³/s

Weekly total released volume: 0 m³

Englishman River

Weekly average baseflow estimate: 11.0 m³/s (flow at 08HB002 minus dam release)

Weekly average flow at WSC hydrometric gauge 08HB002: 11.0 m³/s

Weekly average ERWS intake withdrawal flow: 0.04 m³/s

Weekly total ERWS intake volume: 5,420 m³

Other

Snow water equivalent at station 3B26P (October 26): 9 mm

Total weekly rainfall at PWY: 18.0 mm

Total weekly rainfall at Community Park: 18.4 mm

East Vancouver Island Drought Level: 1

Comments

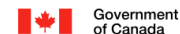
Dam release flow for 2025 ceased on October 4th.

Water restrictions will be removed as of October 31st.

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)

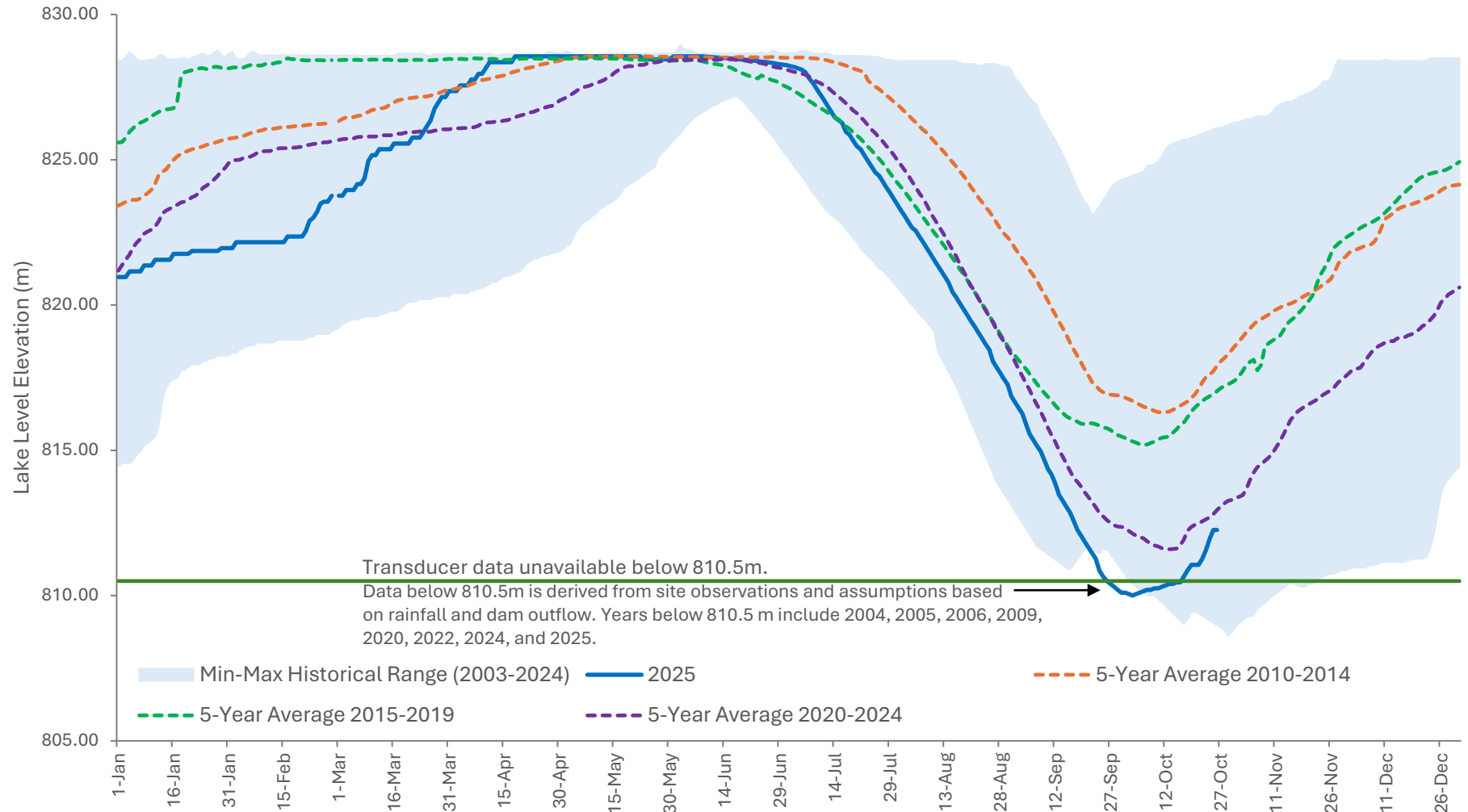


Mon 27 Oct	Tue 28 Oct	Wed 29 Oct	Thu 30 Oct	Fri 31 Oct	Sat 1 Nov	Sun 2 Nov
 11°C 30% Chance of showers	 8°C Rain	 13°C 40% Chance of showers	 11°C A mix of sun and cloud	 12°C Periods of rain	 10°C 60% Chance of showers	 9°C 30% Chance of showers
Tonight	Night	Night	Night	Night	Night	
 4°C 30% Chance of showers	 9°C Rain	 7°C Cloudy periods	 8°C Showers	 6°C Rain	 4°C 30% Chance of showers	

Arrowsmith Dam and Englishman River Weekly Report

October 20 to October 26, 2025

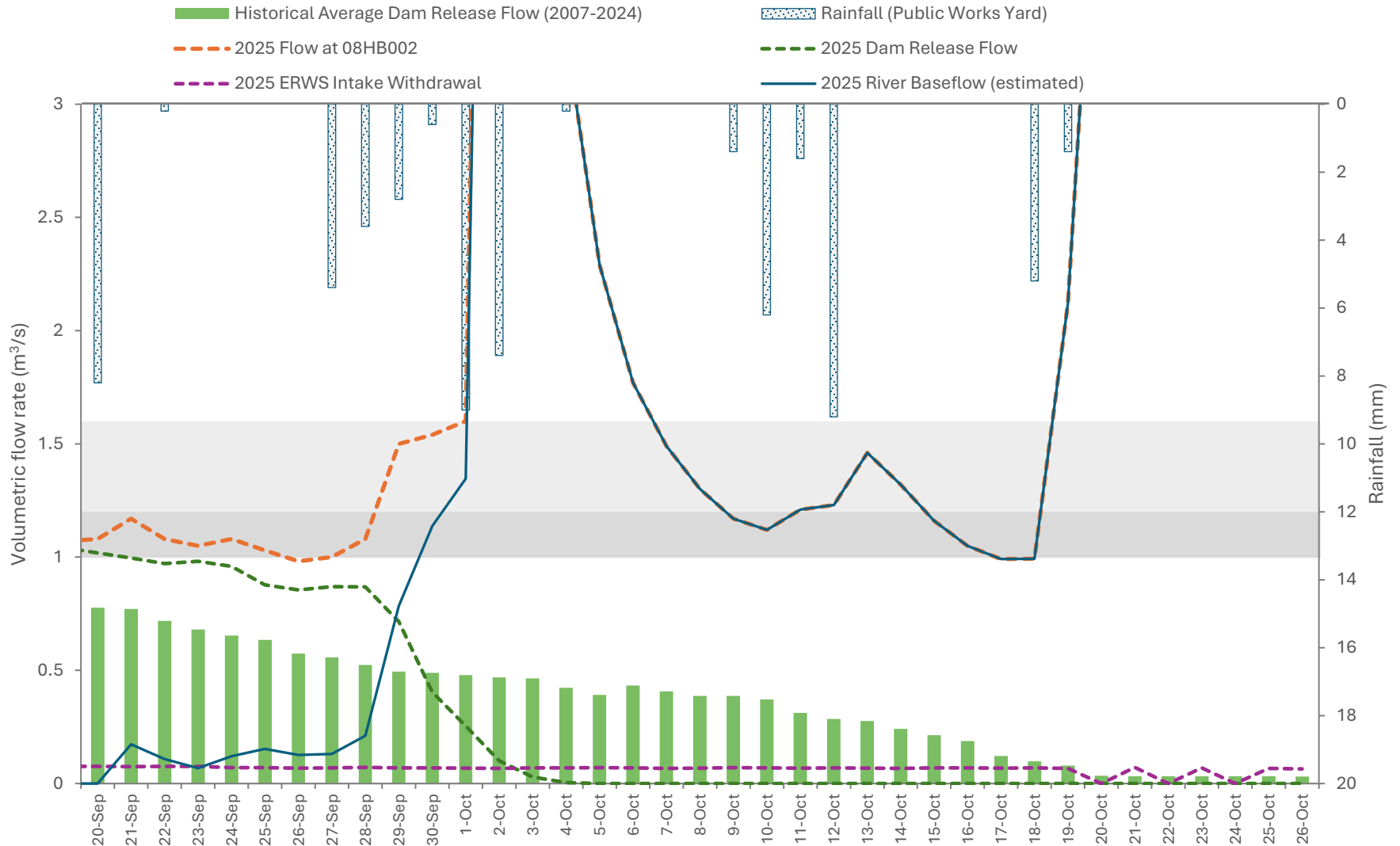
Arrowsmith Dam Lake Level



Arrowsmith Dam and Englishman River Weekly Report

October 20 to October 26, 2025

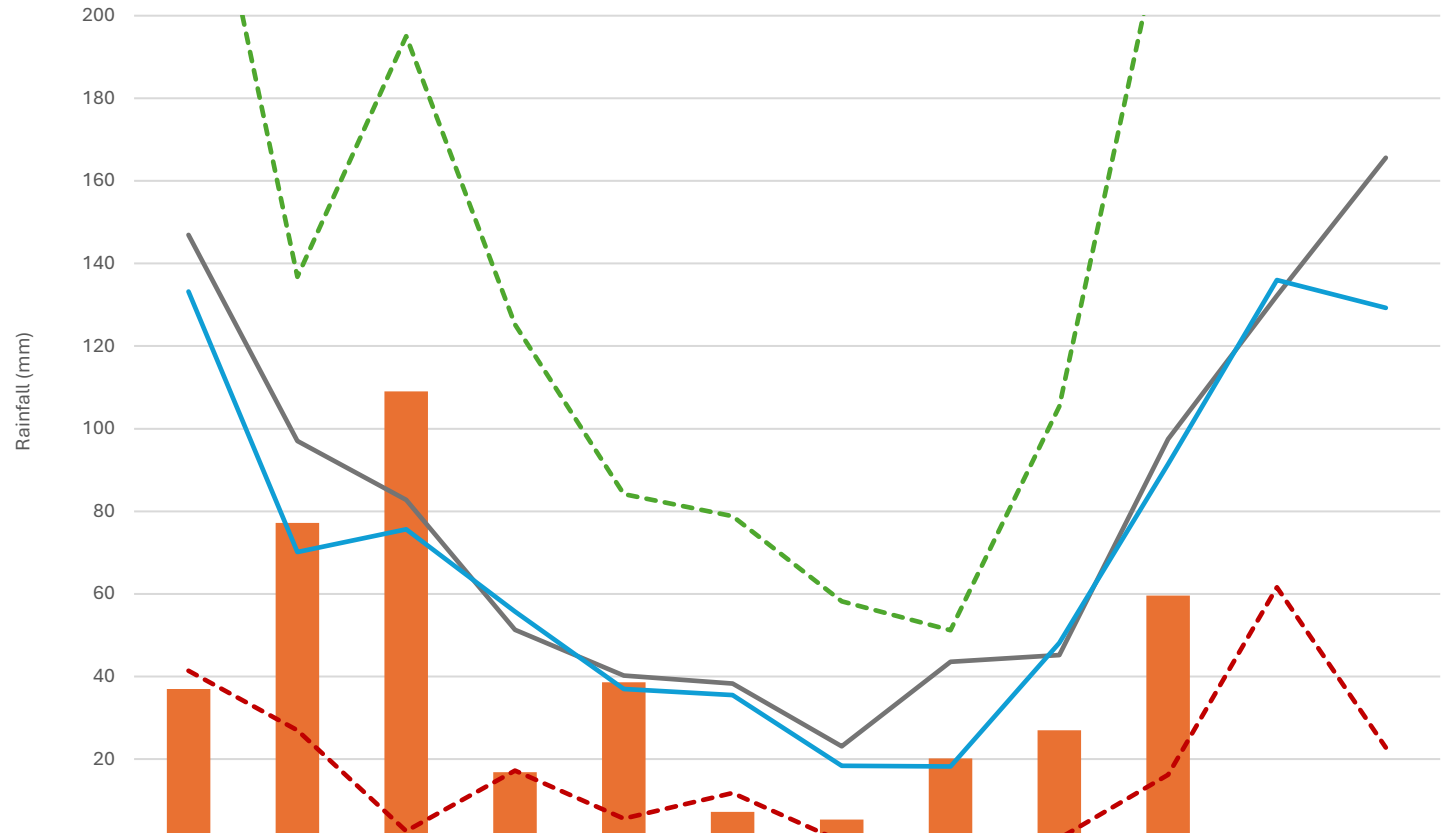
Volumetric Flow Rate and Rainfall



Arrowsmith Dam and Englishman River Weekly Report

October 20 to October 26, 2025

Rainfall at Public Works Yard

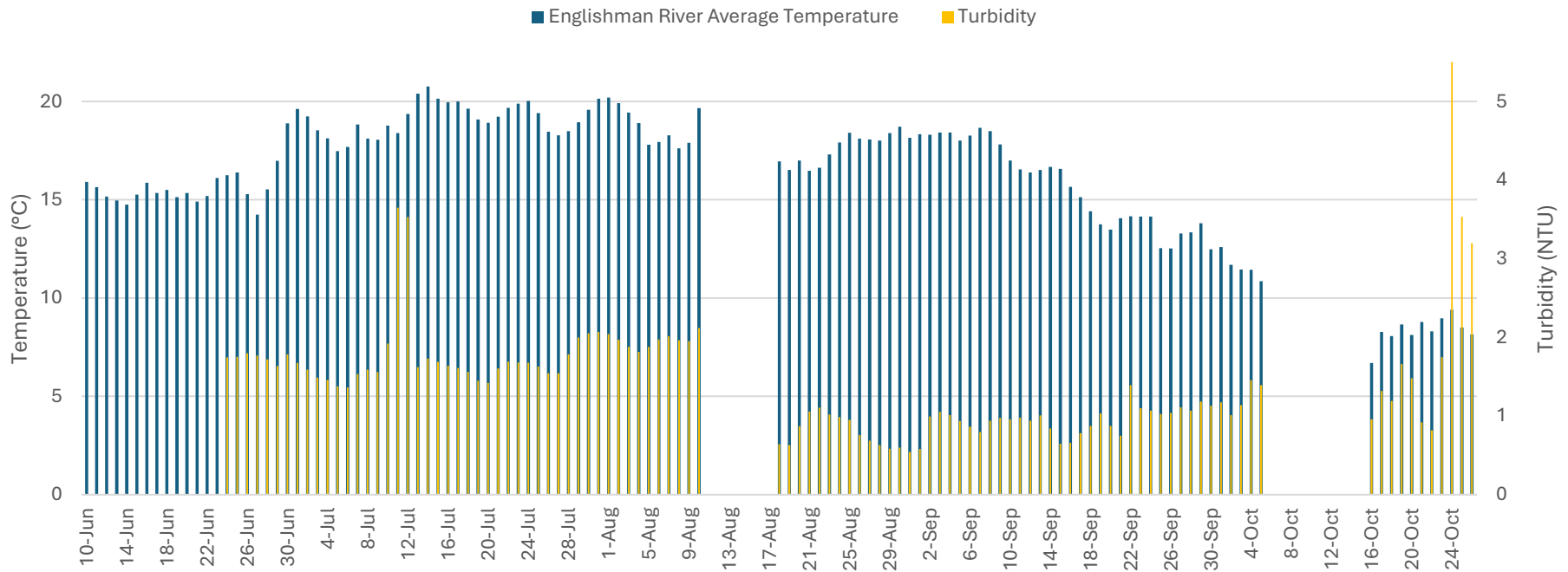


	January	February	March	April	May	June	July	August	September	October	November	December
2025	37	77	109	17	39	7	5	20	27	60		
Parkville AES Precipitation Normals (1951-1980)	147	97	83	51	40	38	23	44	45	98	132	166
Precipitation Average (2005-2024)	133	70	76	56	37	36	18	18	48	91	136	129
Precipitation Minimum(2005-2024)	41	27	3	17	6	12	0	1	1	16	62	23
Precipitation Maximum (2005-2024)	262	137	195	125	84	79	58	51	105	228	265	218

Arrowsmith Dam and Englishman River Weekly Report

October 20 to October 26, 2025

Englishman River Daily Temperature and Turbidity (Downstream of Intake)



Note: Temperature and turbidity sonde failed to log from August 11-17 and October 6-15.