

GHCMA Environmental Water update: June 2025

Once again, the Glenelg Catchment has faced dry conditions leading into May 2025. Low rainfall and minimal natural inflows have impacted most of the catchment. Environmental water released from Rocklands continues to be the lifeline for the river, contributing to improved water quality, connectivity, and access to deeper drought refuge pools for our precious threatened species’.

Flows at Balmoral (Weavers), Reach 1a

Streamflow in Balmoral sat just beneath the Summer/Autumn baseflow target for most of May. This is likely due to a disconnect between the winding back of releases and the lack of natural runoff, it just stayed too dry. Persistent dry conditions have been the main contributing factor to the streamflow levels at Balmoral. Baseflows have now ceased from Rocklands but have helped to maintain water quality at Reach 1a. Hopefully natural flows will pick up the slack soon.



Figure 1 Streamflow, releases and targets at Balmoral (Weavers), Reach 1a, between July 2024 – May 2025. Graph is relevant as of 30/06/2025.

Flows at Harrow, Reach 1b

The Harrow gauge was under maintenance for much of the year, but fortunately this gauge has now been repaired. There is a clear relationship between the releases from Rocklands and streamflow at Harrow, showing how dependent the streamflow is on releases from Rocklands as a result of persistent dry conditions. This pattern is consistent throughout the month of May. Although baseflows have now ended, natural inflows will contribute to steamflow for coming Winter/Spring period.

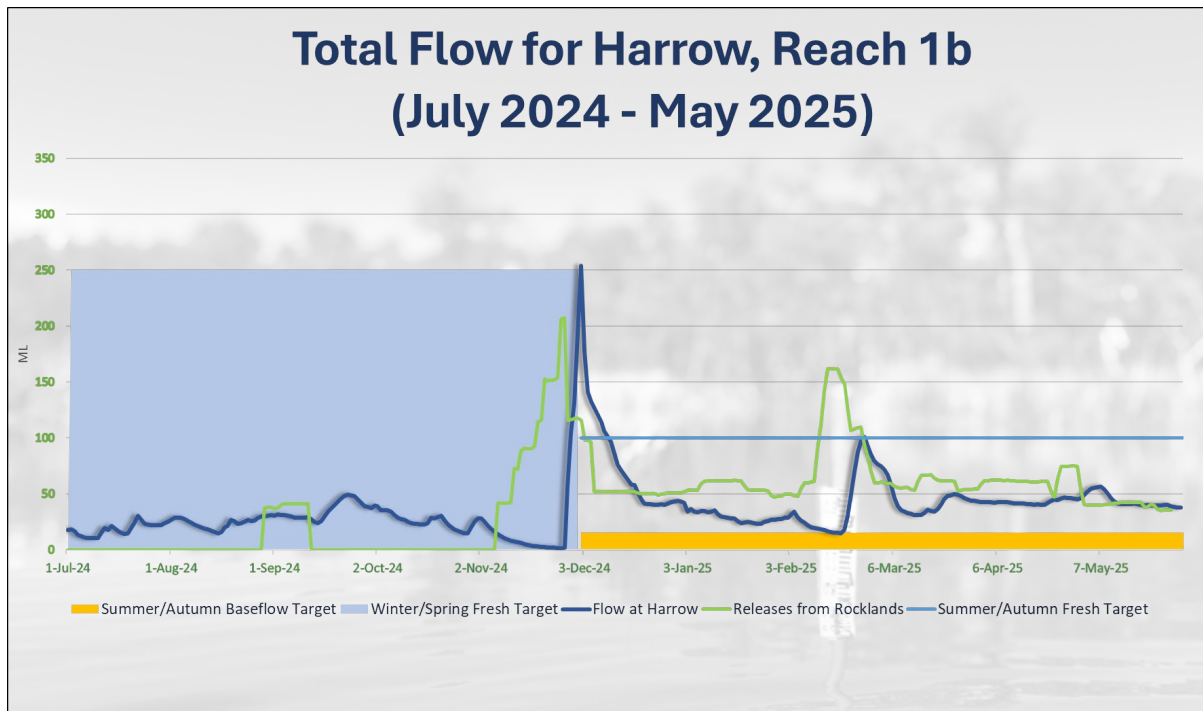


Figure 2 Streamflow, releases and targets at Harrow, Reach 1b, between July 2024 – May 2025. Graph is relevant as of 30/06/2025.

Flows at Dergholm, Reach 2

Streamflow levels at Dergholm have remained relatively consistent, and match releases from Rocklands, highlighting the dependency on regulated releases. However, by May we can see releases from Rocklands start to tape off and natural flows takeover, contributing to much needed streamflow for Dergholm. Baseflow targets were reached for the entire month of May, with a short peak during a mid-May due to some changes to releases at Rocklands. Consistent Environmental water baseflow releases in May have helped to maintain streamflow, connectivity and water quality during a very dry Summer/Autumn season.

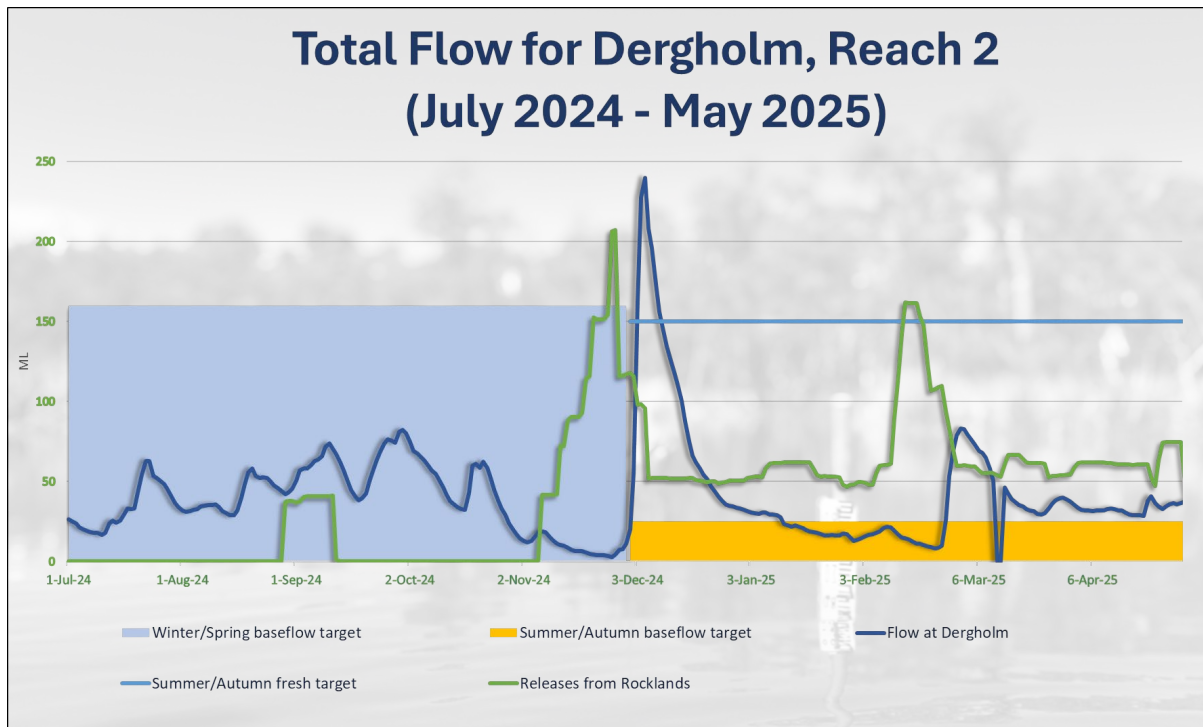


Figure 2 Streamflow, releases and targets at Dergholm, Reach 2, between July 2024 – May 2025. Graph is relevant as of 30/06/2025.

Flows at Dartmoor, Reach 3

Drought conditions have continued to impact natural inflows, keeping the streamflow relatively low for this time of year. However, by mid-May we were seeing natural inflows pick up slightly to hit the Summer/Autumn baseflow target. These remained consistent until slowly decreasing toward the end of the month. Reach 3 isn't typically targeted with baseflow releases from Rocklands and flows are more likely attributed to the pattern of rainfall events. Note, the Water Management Information System that we record data from lacked input from mid-May to June.

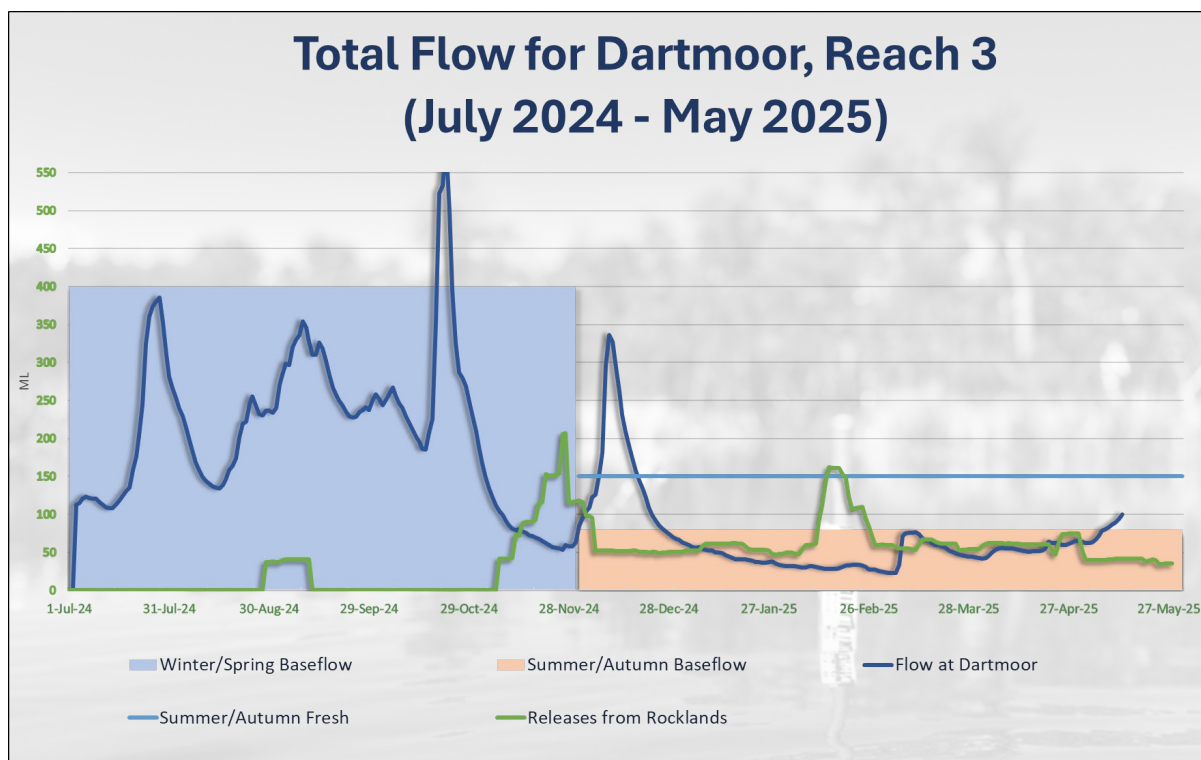


Figure 3 Streamflow, releases and targets at Dartmoor, Reach 3, between July 2024 - May 2025. Graph is relevant as of 30/6/25.