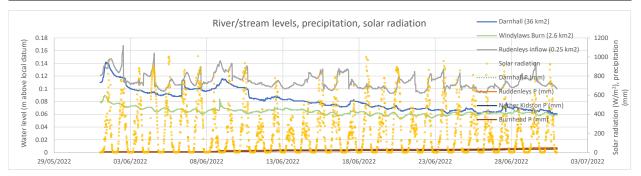


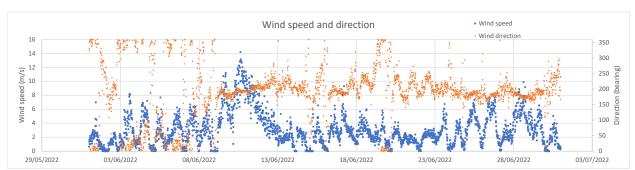
Eddleston Water Project Monthly weather and hydrology report

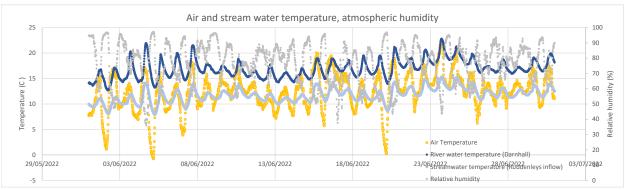
June 2022



Monthly statistics	Hourly values		Daily values				Month	
	Max Day/time	Min Day/time	Max	Day	Min	Day	Average	Total
Precipitation (Darnhall Mains) (mm)	3 08 @ 16:30		8	8				40.4
Precipitation (Craigburn Farm) (mm)	4.8 19 @ 13:15		10.6	27				53.2
Precipitation (Wester Deans) (mm)	4.4 08 @ 16:15		13.4	8				50.8
Precipitation (Ruddenleys) (mm)	3.4 08 @ 16:15		12.6	8				51.2
Precipitation (Nether Kidston) (mm)	6.2 08 @ 21:15		9.2	8				39.6
Precipitation (Burnhead) (mm)	2.6 17 @ 10:45		5	1				35.2
Runoff depth (Darnhall Mains) (mm)								18.5
Air temperature (Darnhall Mains) (C)	21.9 23 @ 17:30	-0.7 5 @ 4:15	16.9	23	9.1	5	12.5	
Relative humidity (Darnhall Mains) (%)							76.7	
Sunshine hours			14.3	7			6.2	181.9







Notes:

Similar to May, warmer air and water temperatures persisted through the duration of June. 1 frost event occurred on the morning of the 5th where temperatures dropped to -0.8°C. River water temperatures at Darnhall remained above 13 °C through the duration of the month, peaking at 22 °C on the 23rd where air temperatures reached the highest value of the month. Daily sunshine hours averaged 6.3 and peaked at of 14.3 on the 7th.

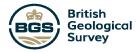
No extreme precipitation events were recorded this month: the highest hourly total was 6.2 mm while the highest daily total was 13.4 mm. Accordingly, the river has stayed low and exhibited a gradual decline throughout the month. A catchment runoff value of 18.5mm was recorded: as expected, this value is lower than that of the previous month.

All data subject to revision through a process continual review and quality assurance. Report prepared Rebekah Egan and approved by Andrew Black.

Real-time data available at: https://hydro-data.dundee.ac.uk/eddleston

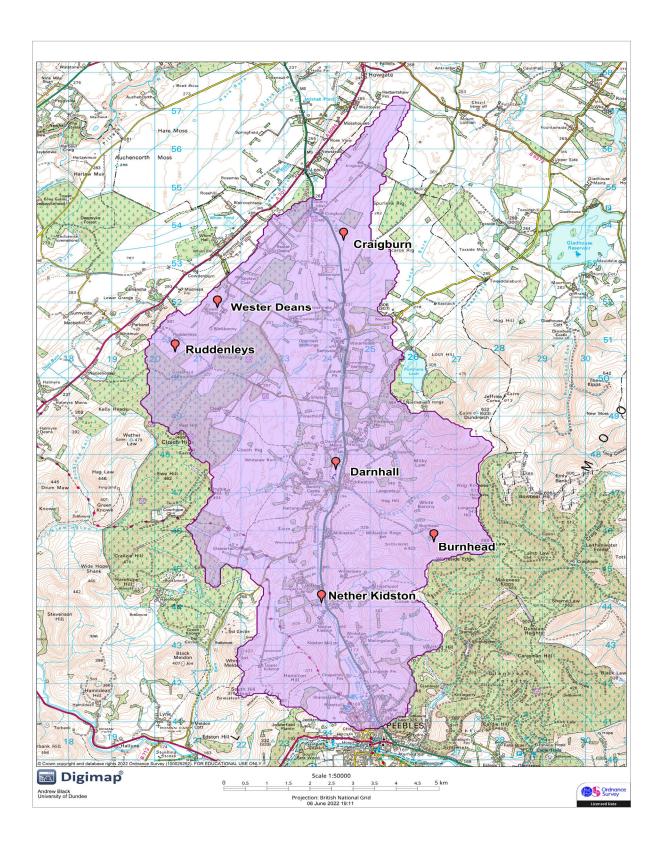












The Eddleston Water Project

Funded by the Scottish Government, Interreg and the Scottish Environment Protection Agency (SEPA), this project aims to reduce flood risk and restore the Eddleston Water for the benefit of the local community and wildlife.

The project involves river re-meandering, the planting of over 300,000 trees and the creation of new wetlands. This should slow the speed and impact of floodwaters as well as creating new wildlife habitat, such as improved spawning for salmon. Our project partnership is closely monitoring the results, including any reduction in flood risk for downstream communities.

The project is a partnership initiative led by Tweed Forum, with the Scottish Government, SEPA and University of Dundee. Other key partners include British Geological Survey, Nature Scot, Scottish Borders Council, the Forestry Commission, National Farmers' Union of Scotland, the Tweed Foundation, Forest Carbon and the Woodland Trust. Tweed Forum works closely with landowners and the local community so that everyone can contribute ideas and follow the project's progress.

For more information, see: https://tweedforum.org/our-work/projects/the-eddleston-water-project/