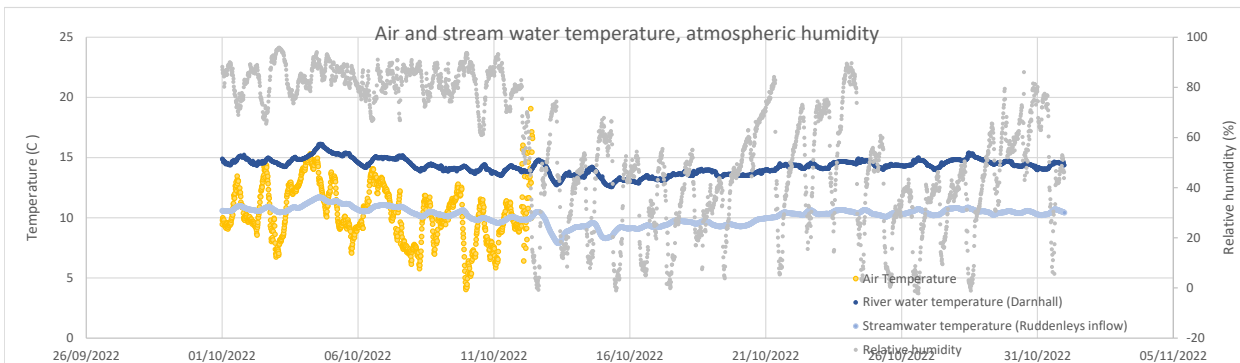
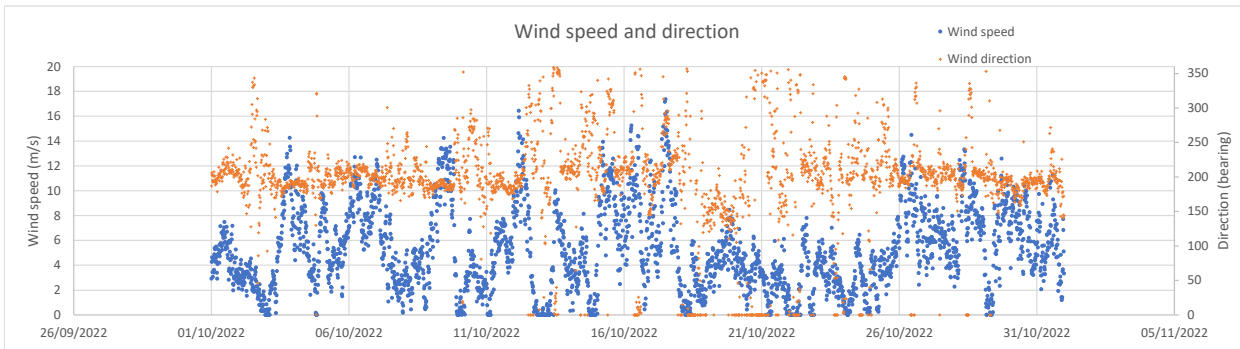
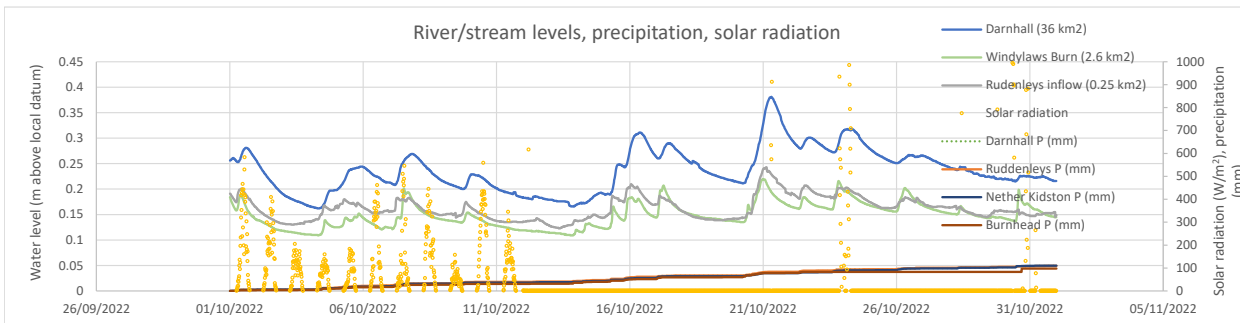




October 2022

Monthly statistics	Hourly values				Daily values				Month	
	Max	Day/time	Min	Day/time	Max	Day	Min	Day	Average	Total
Precipitation (Darnhall Mains) (mm)	4.6	15 @ 07:15			15	20				110.0
Precipitation (Craigburn Farm) (mm)	7.4	23 @ 13:00			13.6	23				35.2
Precipitation (Wester Deans) (mm)	4.6	15 @ 07:00			16.2	20				102.4
Precipitation (Ruddenleys) (mm)	4.2	15 @ 07:00			14	20				109.4
Precipitation (Nether Kidston) (mm)	5.6	30 @ 12:15			13.2	20				110.6
Precipitation (Burnhead) (mm)	14.4	30 @ 16:45			17.8	20				97.6
Runoff depth (Darnhall Mains) (mm)										78.8
Air temperature (Darnhall Mains) (C)	Not shown this month - sensor issues									
Relative humidity (Darnhall Mains) (%)									56.9	
Sunshine hours					7.0	1			1.1	30.7



A total of 110 mm of precipitation was recorded at Darnhall Mains, with most other sites seeing maximum daily values of precipitation on the 20th ranging from 16.2 to 13.2 mm. This was mirrored by an increase in the water level at Darnhall, Windylaws and Ruddenleys from 0.21 m ALD at 8am to a peak of 0.37 m ALD by early morning on the 21st. This increase in water level slowly tapered off towards the end of the month. No flooding as such.

A very dull October - an average of only 1.1 hours per day.

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

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

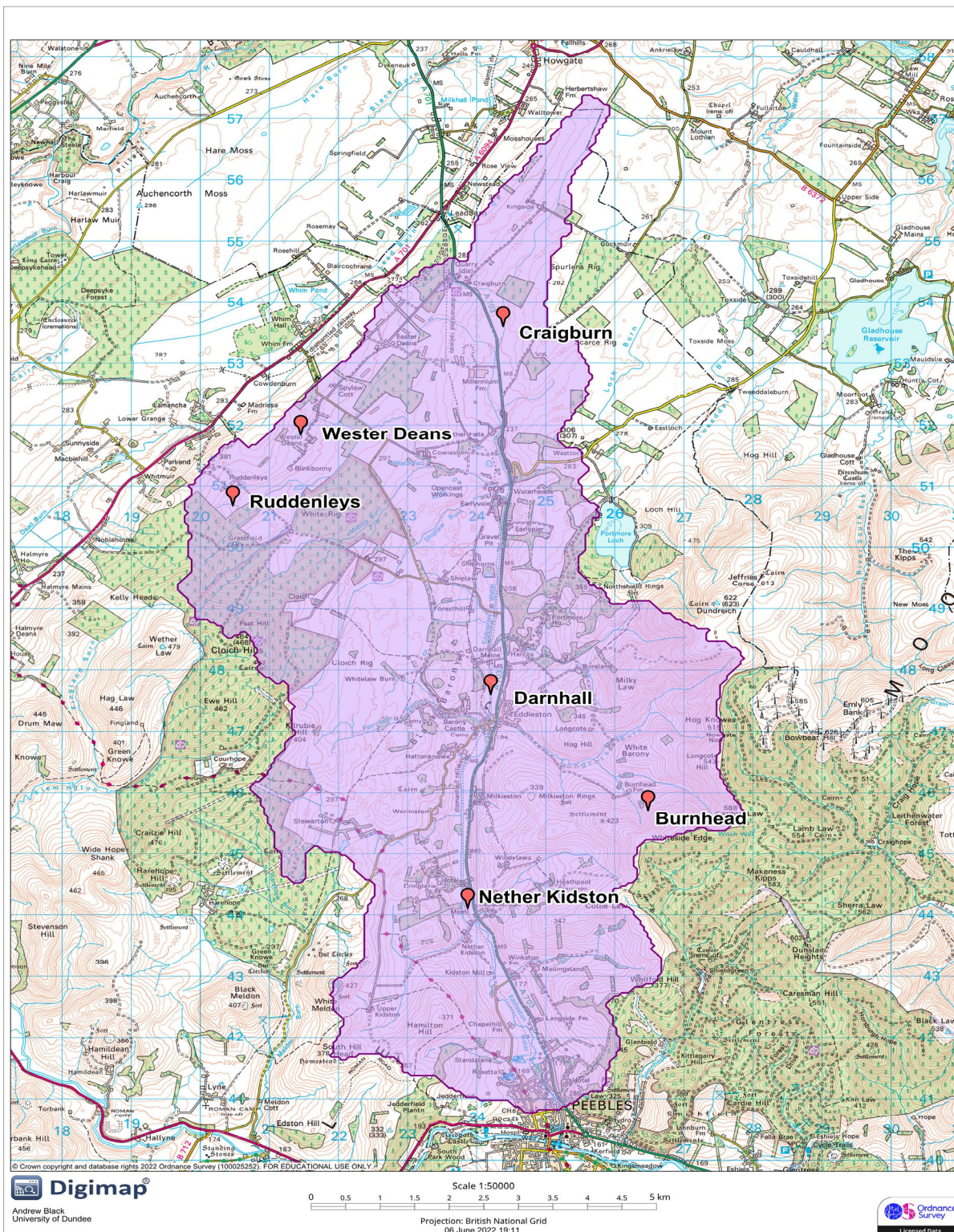


British Geological Survey



Forestry and Land Scotland | Coilltearachd agus Fearann Alba





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-eddlestone-water-project/>