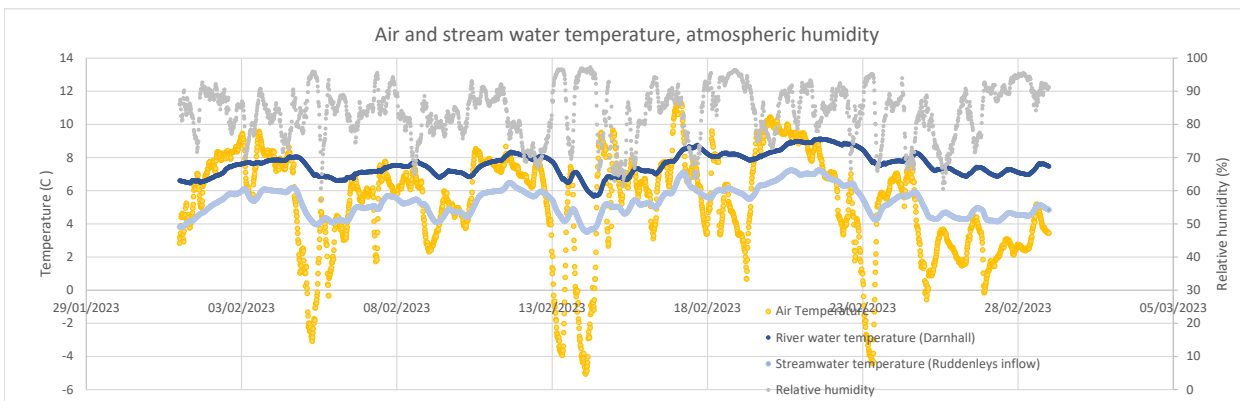
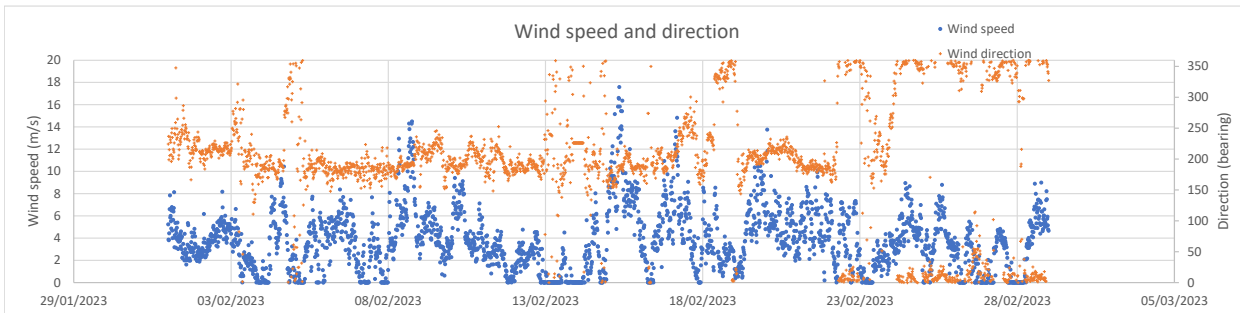
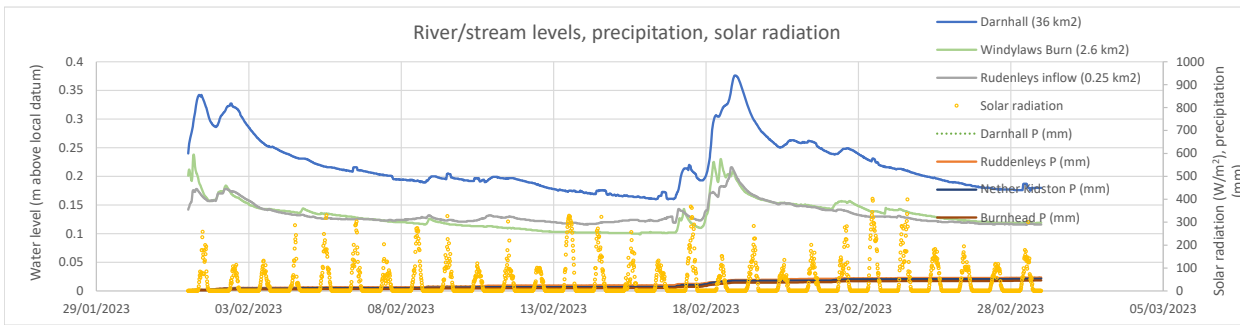




Monthly statistics	Hourly values				Daily values				Month	
	Max	Day/time	Min	Day/time	Max	Day	Min	Day	Average	Total
Precipitation (Darnhall Mains) (mm)	3.17	@ 01:15			13.8	18				58.2
Precipitation (Craigburn Farm) (mm)	4.17	@ 00:30			13.2	18				52.2
Precipitation (Wester Deans) (mm)	3.4	17 @ 00:30			13.8	18				53.4
Precipitation (Ruddenleys) (mm)	2.4	17 @ 00:30			13.6	18				58.4
Precipitation (Nether Kidston) (mm)	3.2	17 @ 01:15			15.2	18				53.6
Precipitation (Burnhead) (mm)	3.17	@ 01:15			14	18				46.2
Runoff depth (Darnhall Mains) (mm)										69.7
Air temperature (Darnhall Mains) (C)	11.4	17 @ 02:45	-5.0	14 @ 02:15	9.6	20	0.2	13	5.2	
Relative humidity (Darnhall Mains) (%)									83.6	
Sunshine hours					7.0	13			1.7	43.1



A far drier month of February compared to past years, where a total of 58.2 mm was recorded at Darnhall this was a decrease of 72% compared to 2022. At the beginning of the month river levels remained high from a precipitation event that continued into the beginning of February, this increase began to drop steadily to 0.16 m ALD until a noticeable precipitation event occurred on the 17th of the month, where a maximum of 3mm/hr was recorded at Darnhall in the early hours, following this rainfall river levels at Darnhall spiked the following days to a peak of 0.38 m ALD. These increases were also observed at Windylaws Burn and Ruddenleys inflow; neither event was at all close to flooding conditions.

River water temperatures remained fairly consistent as usual, never reaching below 5 degC or going above 9 degC. Air temperatures fluctuated through the month, with a number of frost events occurring, a minimum of -5 degC was recorded on the 14th, followed by this months maximum of 11.4 degC on the 17th.

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>

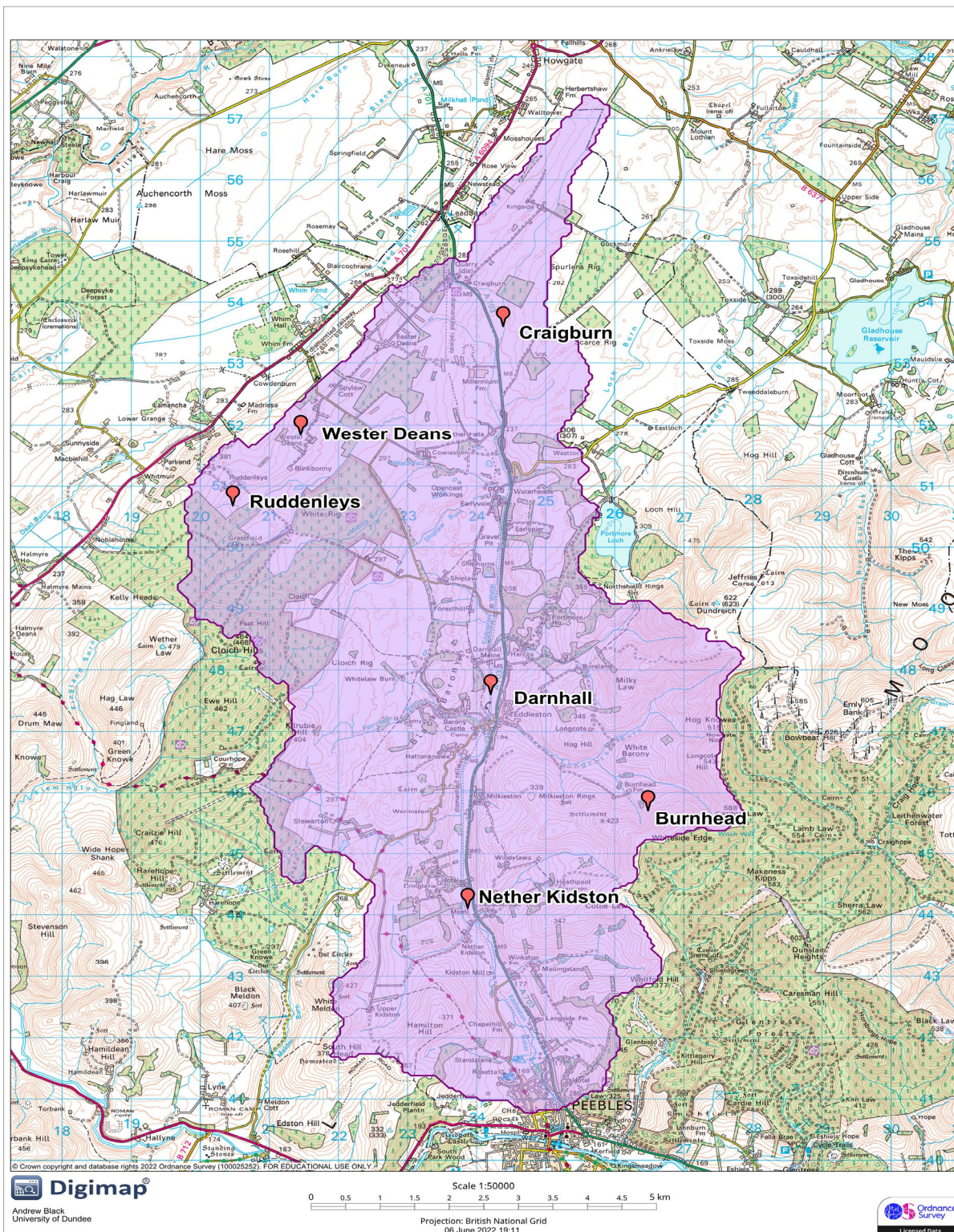


British Geological Survey



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/>