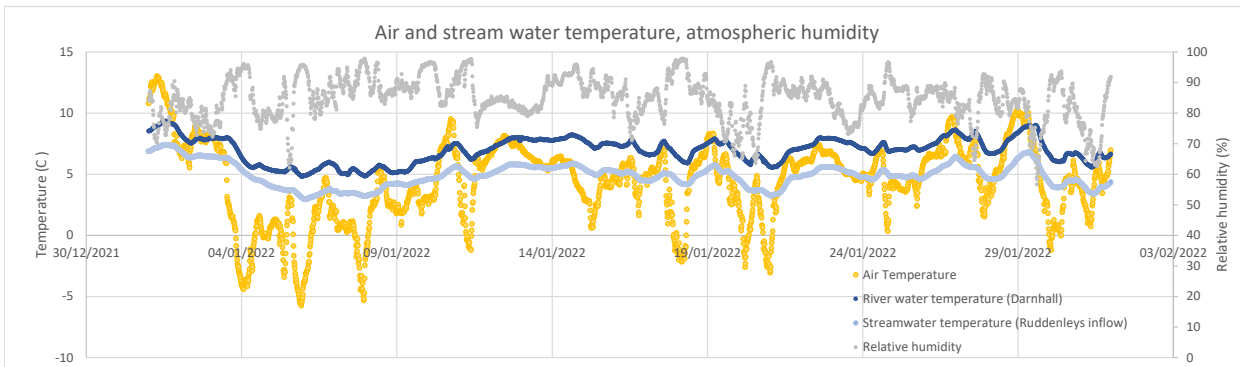
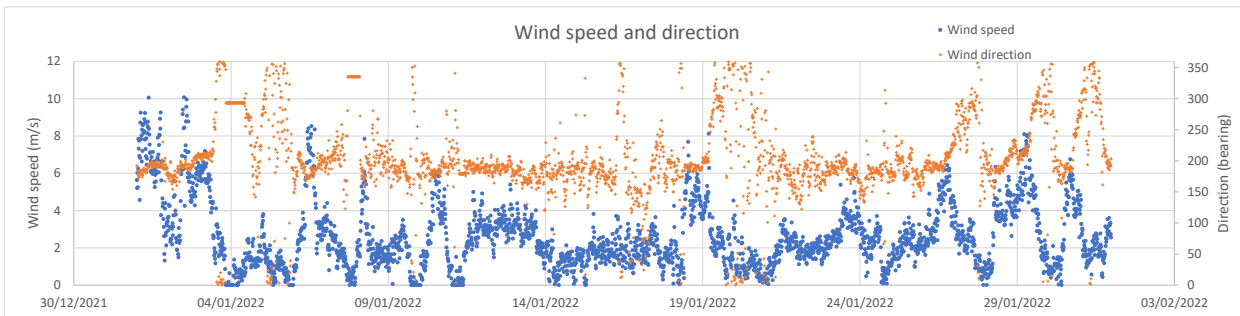
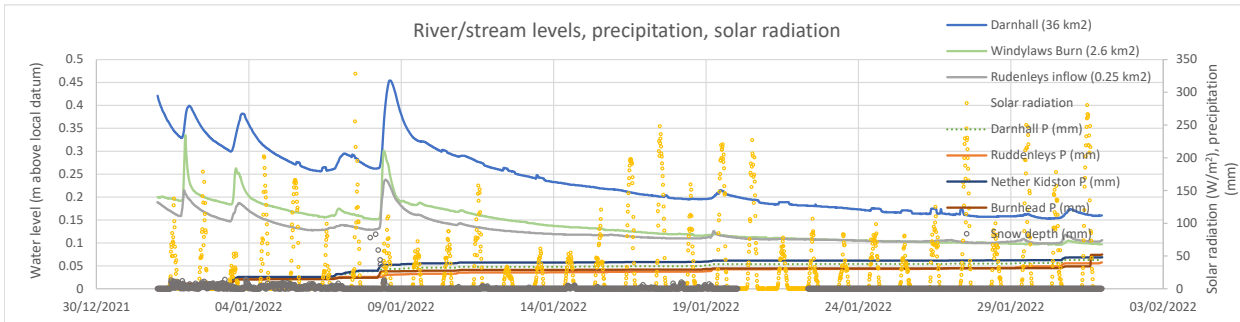




Monthly statistics	Hourly values				Daily values				Month	
	Max	Day/time	Min	Day/time	Max	Day	Min	Day	Average	Total
Precipitation (Darnhall Mains) (mm)	3.6	06 @ 20:45			8.6	3				45.2
Precipitation (Ruddenleys) (mm)	3	30 @ 17:00			7.8	3				40.4
Precipitation (Nether Kidston) (mm)	4.6	08 @ 07:00			10.2	3				48.2
Precipitation (Burnhead) (mm)	17.6	31 @ 15:15			18	31				52.2
Runoff depth (Darnhall Mains) (mm)										85.3
Air temperature (Darnhall Mains) (C)	12.9	01 @ 07:15	-5.6	5 @ 22:15	10.9	1	-1.0	5	4.4	85.0
Relative humidity (Darnhall Mains) (%)										
Sunshine hours					5.4	19			1.6	50.4



Notes

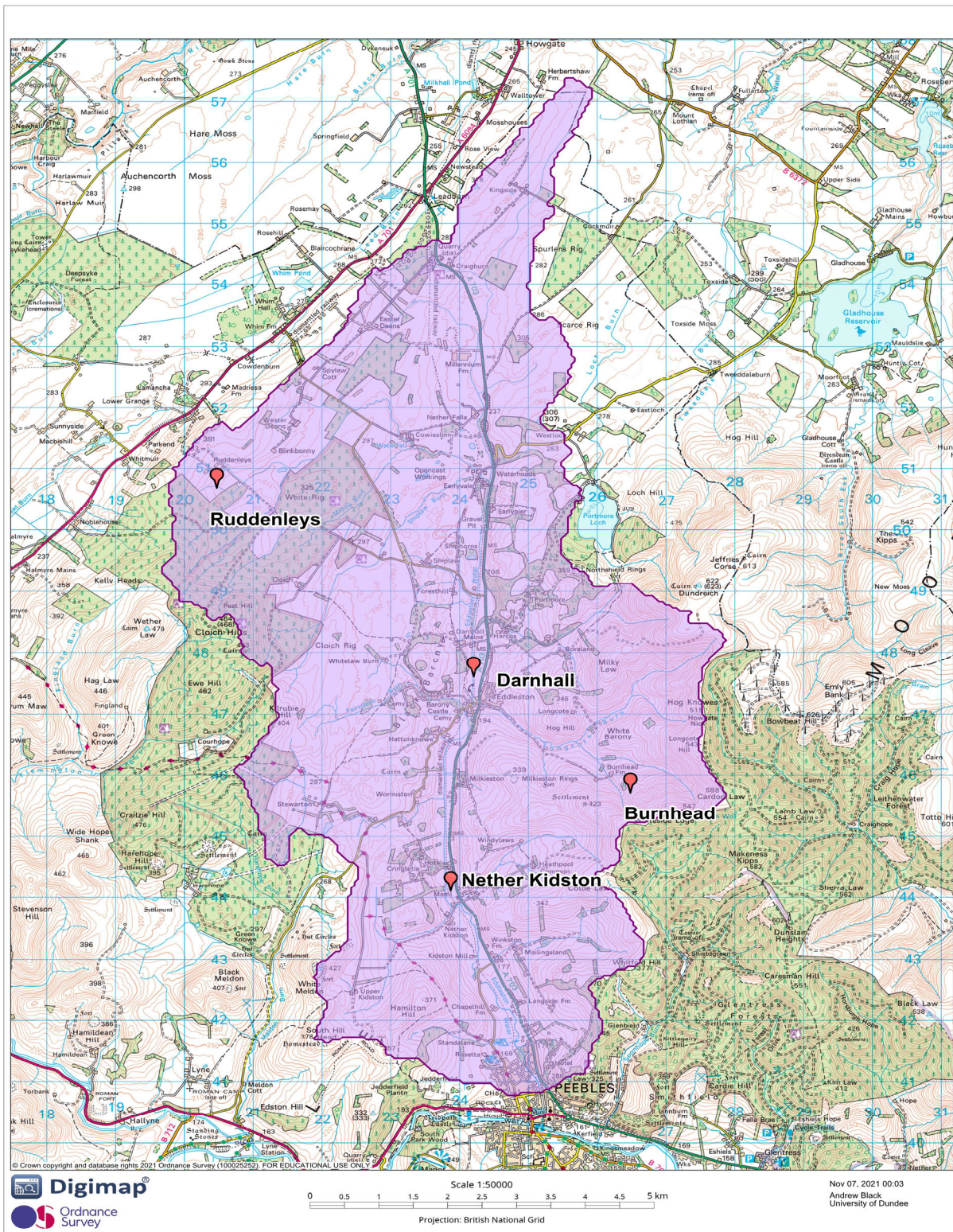
A relatively mild and dry January, with temperatures similar to the previous month. The highest temperatures recorded were on the 1st of the month of 12.9 °C, although during the beginning and middle of the month we still see many frost events taking place, with a low of -5.6 °C recorded on the night of the 5th. River and stream water temperatures remain relatively consistent.

A total of 45mm of precipitation was recorded for Eddleston rainfall based on the Darnhall Mains site: this is the 2nd lowest recording collected from 2010 to present. A few small rainfall events occurred at the start of the month, with a blanketing of snow overnight on the 7th-8th, melting quickly to form a small river-level peak at Darnhall of 0.45m above local datum on the 8th. The monthly runoff of 89 mm is likely an overestimate, pending recalibration of the stream gauge at Darnhall, but safe to say at this time of year the catchment is reasonably saturated, though not excessively so.

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/eddeleston>





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/>

This monthly report is produced by student volunteer effort at the University of Dundee. For more info, see:

<https://sites.dundee.ac.uk/hydrology>