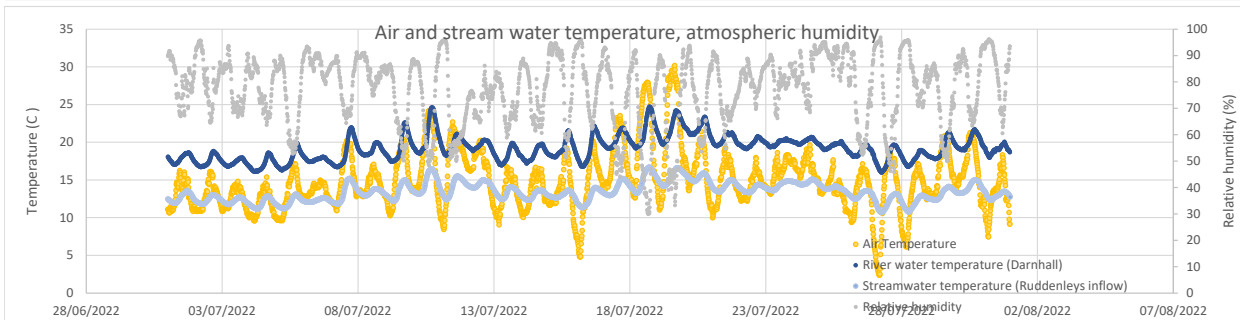
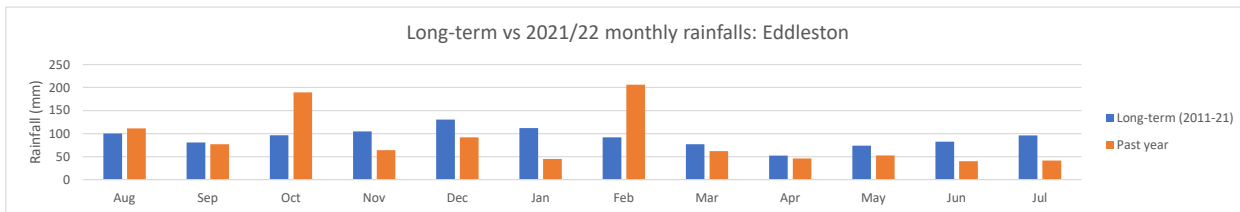
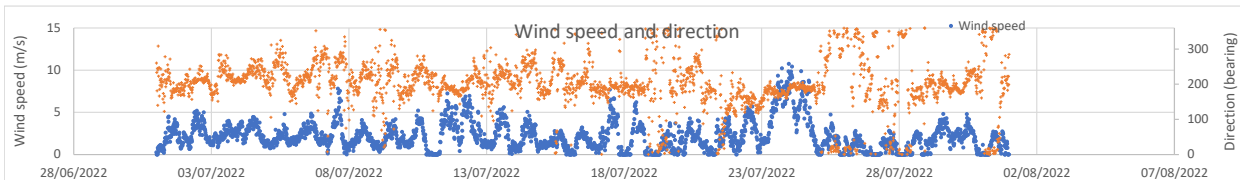
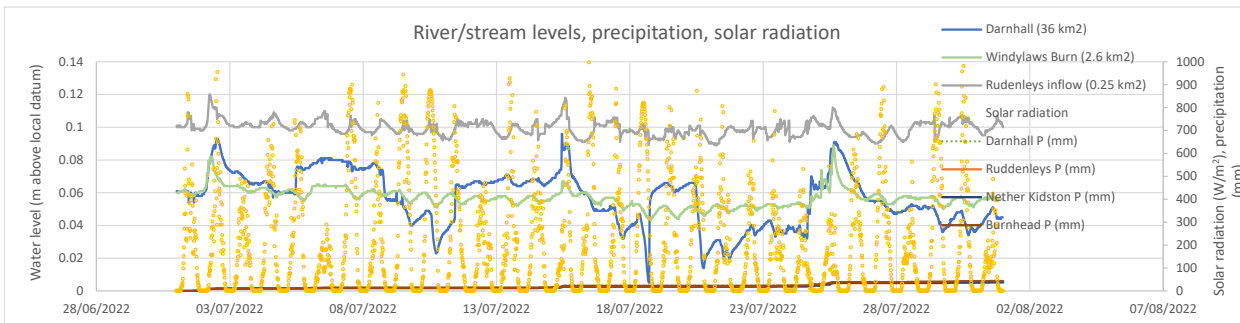




Table with 4 main columns: Monthly statistics, Hourly values, Daily values, and Month. Rows include precipitation at various gauges, runoff depth, air temperature, relative humidity, and sunshine hours.



A sunny and warm month. The heat wave affecting the whole of the UK on the 18th-19th was reflected in a maximum hourly temperature of 29.8 C at 1630 on the 19th - the highest value since recording began in 2011.

Five of the six telemetry rain gauges recorded 40 mm of rainfall over the month +/- 3 mm - a good level of agreement and in some contrast to the 13 mm of runoff in the month. This compares with 1mm over the month in July 2021. Recorded water levels for Darnhall shown in the top graph are erratic and likely affect siltation-related effects.

Given the water scarcity issue affecting the Tweed catchment in particular, and additional graph has been provided. Rainfall over the past year has been 94% of long-term average (LTA) but, as ever, distribution is key. The last 5 months have all been below average, with both the past months below 50% of LTA. Rainfall in February was more than double the LTA and is likely to be helping maintain baseflows.

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

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

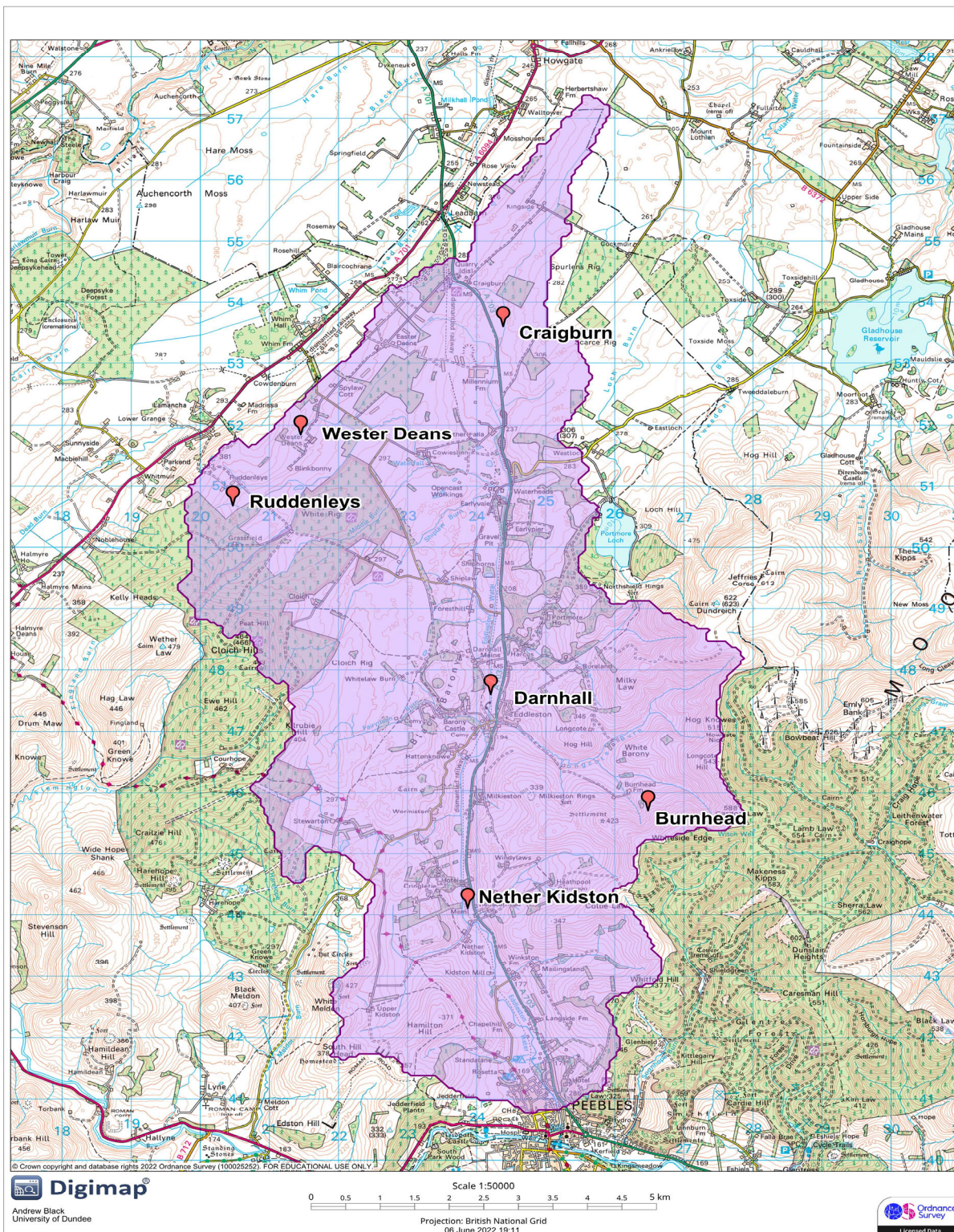


British Geological Survey



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/>

This monthly report is produced by student volunteer effort at the University of Dundee. More at:

sites.dundee.ac.uk/hydrology/monthly-reports/