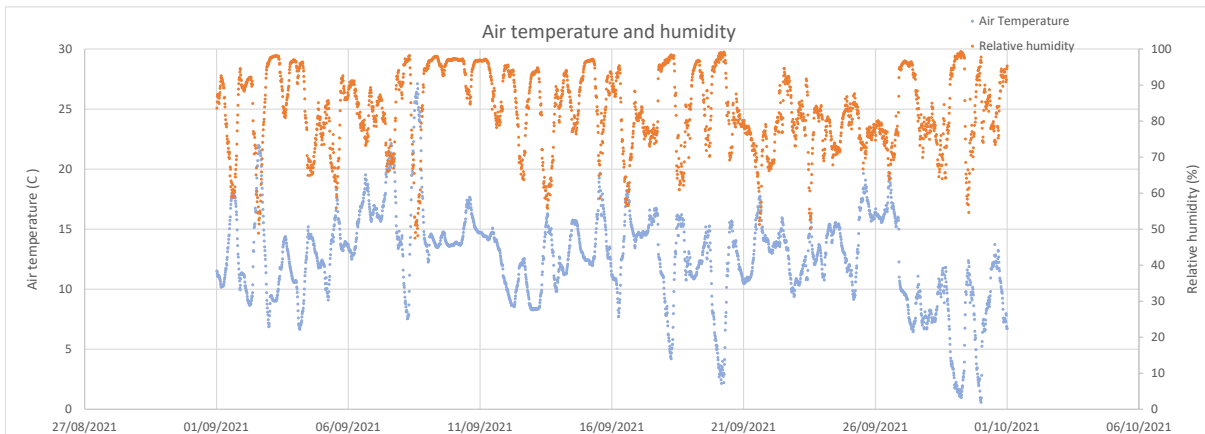
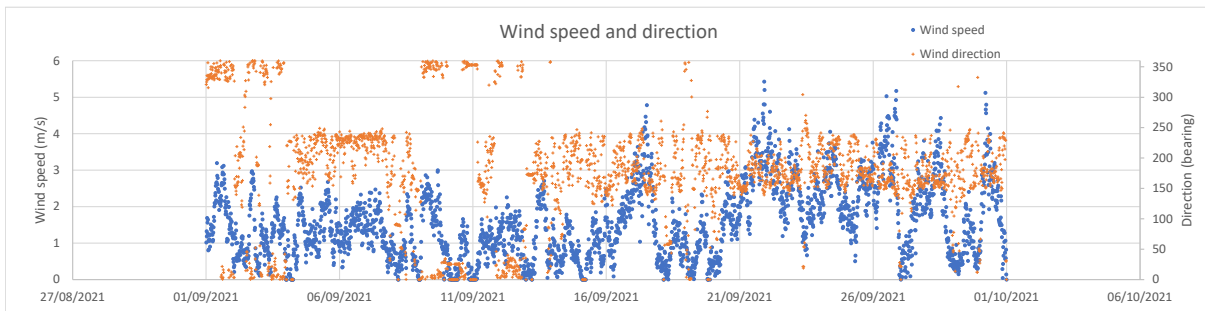
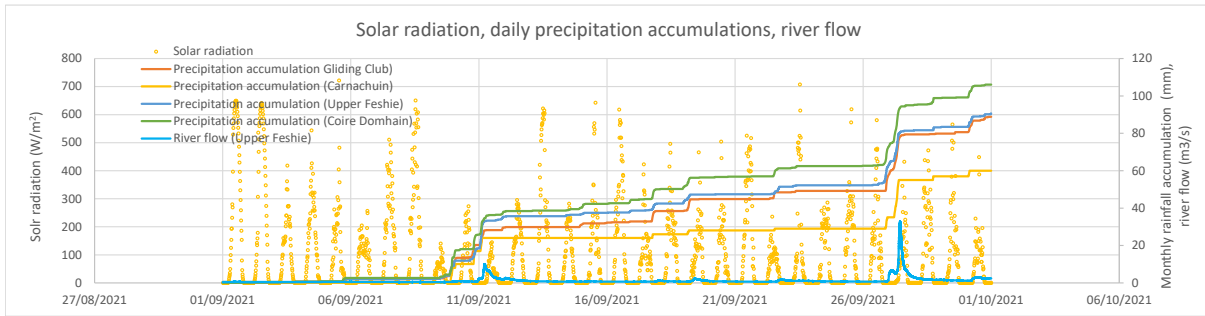


Monthly weather report: September 2021

Monthly statistics	Hourly values				Daily values				Month	
	Max	Day/time	Min	Day/time	Max	Day	Min	Day	Average	Total
Precipitation (mm, Gliding Club AWS)	5.6	26 @ 22:15			21.6	27				88.8
Precipitation (mm, check gauge)										88.6
Precipitation (mm, Carnachuin)	7.27	@ 08:30			20	27				60
Precipitation (mm, Upper Feshie)	7.4	06 @ 08:51			29	06				90.6
Precipitation (mm, Coire Domhain)	6.09	@ 20:15			22.4	27				106
Air temperature (C)	26.5	08 @ 15:30	0.8	30 @ 00:30	17.5	07	5.2	29	12.6	
Wind speed (knots)	9.6	21 @ 22:15			6.0	26			3.0	
Relative humidity (%)			49.9	08 @ 13:30			71.4	21	83.0	
Sunshine hours					9.1	02			2.9	85.5



Notes

Total sunshine hours decreased from 122.7 in August to 85.5 in September.

Total precipitation increased by around 50% from August to September at the Gliding Club, check gauge, Carnachuin and Coire Domhain sites.

A high rainfall event occurred across the catchment on the 10th/11th, causing a small spike in river flow on the 11th (9 m³ s). Another high rainfall event occurred in the early hours of the 27th (28mm), more rain fell in a shorter amount of time compared to the rainfall event earlier in the month, causing a much steeper spike in river flow on the 27th (30.32 m³ s), than what was observed on the 11th.

Average air temperature decreased by 0.8°C from August (13.4°C) to September (12.6°C) and remained above 0°C for the duration of the month. The predominant wind was a weak southerly (3 knots).

All data subject to continuous quality assurance.



Real-time data available at : <https://hydro-data.dundee.ac.uk/feshie>
 Read more about Wildland Limited: <https://wildland.scot>

Report prepared by Julie MacInnes
 Approved by Andrew Black

Many thanks to Wildland Limited and Cairngorm Gliding Club for assistance in the production of this report.