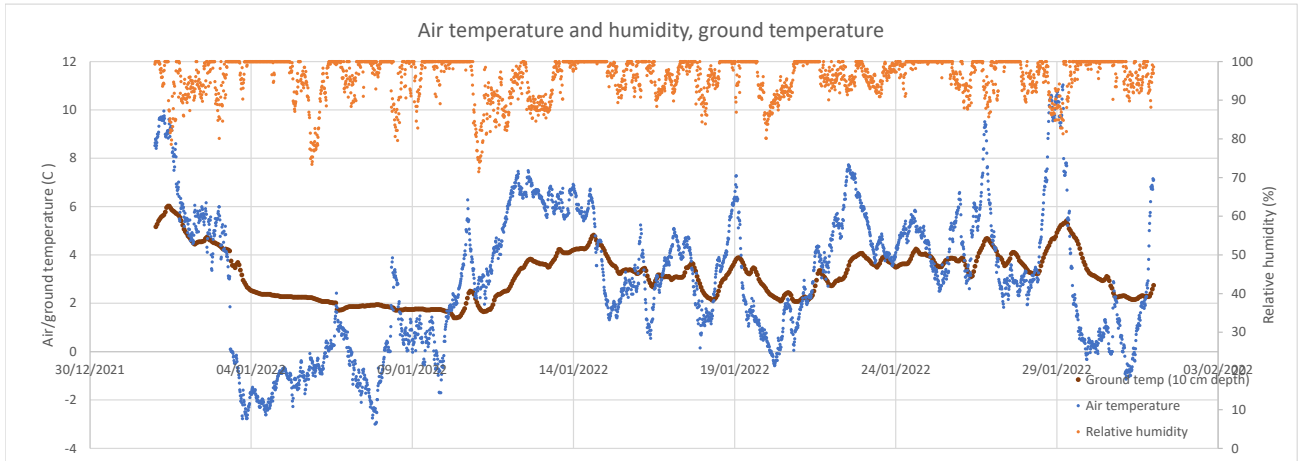
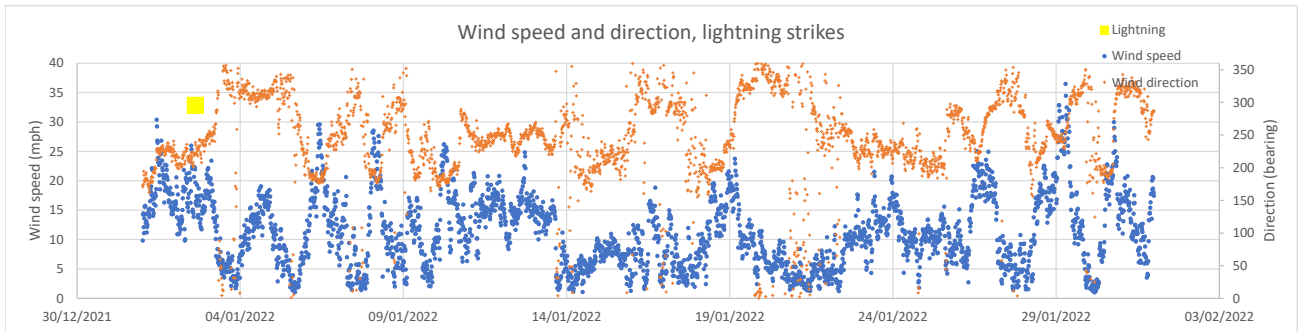
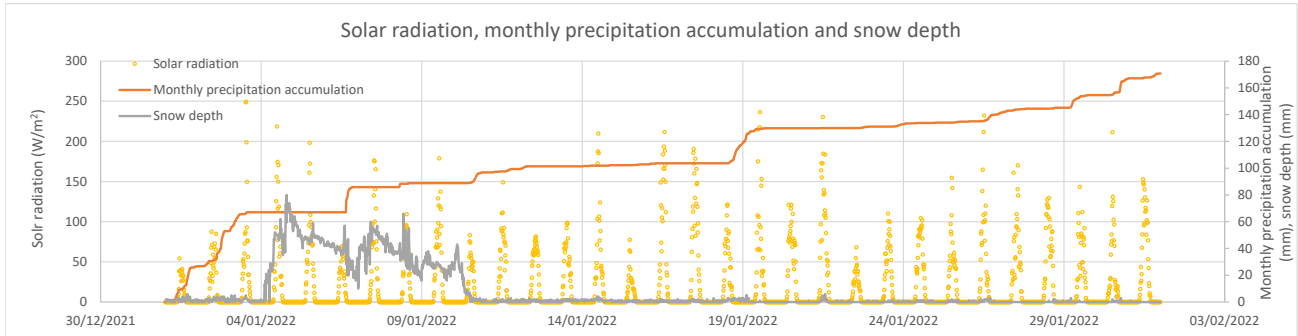




Monthly weather report: January 2022

Monthly statistics	Hourly values				Daily values				Month	
	Max	Day/time	Min	Day/time	Max	Day	Min	Day	Average	Total
Precipitation (mm)	10.8	06 @ 16:15			26.6	01				170.8
Air temperature (C)	10.8	29 @ 04:30	-2.7	03 @ 21:00	8.0	01	-1.7	04	3.1	
Soil temperature (10 cm depth, C)	6.0	01 @ 10:00	1.4	10 @ 07:00	4.6	29	1.7	9	3.2	
Wind speed (mph)	33.6	29 @ 07:45			18.0	01			11.2	
Relative humidity (%)			73.2	11 @ 02:00			86.5	11	96.1	
Sunshine hours					3.4	17			1.1	32.7



Notes

Precipitation total over the month: 170.8 mm, measured as both rainfall and snowmelt, with no exceptional events noted.

Main snow event 4th-10th Jan, though some more significant accumulations likely at higher elevations. On the 2nd there was a lightning strike recorded at 15:00 GMT, 567 m from the station, but no more throughout the rest of the month.

Overall it was quite a windy month, with the wind speed peaking on the 30th at around 16m/s (33.6 mph). Furthermore, the wind direction was mainly northerly or westerly which would be expected at this time of year.

The air temperature warmed up over the month, along with a few frost events. The lowest temperature recorded was -2.7 °C on the 4th, whilst the highest temperature recorded was 10.8 °C on the 29th.

The ground temperature started the month at its highest temperature of 6 °C before dropping to 1 °C by the 7th, this then slowly increased over the month. It displays a lagged response to variations in air temperature, and is notable more stable in the period of greatest snow accumulation on 4-10 January.

The pressure wave arising from the Tonga volcanic eruption was detected on 16th January and reported on Twitter with the #CorroureAWS hashtag.

All data subject to continuous quality assurance. Report prepared by Morven Wilkie and approved by Andrew Black.

Distribution of winds: 15-minute averages by speed + direction

