

Metadata for wind speed data recorded at Lopé NP, Gabon (2012 - 2016)

Wind speed has been recorded at Lopé using two weather stations - a Davis VantagePro2 (<https://www.davisinstruments.com/solution/vantage-pro2/>) and a SKYE MINIMET weather station (<https://www.skyeinstruments.com/minimet-automatic-weather-station/>) - installed at the savanna site (near the research station, on a rock 4m from the ground) between 2012 and 2016.

The VantagePro recorded data every 30 minutes for two years until the equipment was struck by lightning in January 2014. The SKYE station was installed in 2013 and collected data intermittently until 2016 when the equipment was also damaged by lightning: data records between January 2014 and November 2014 were also lost. The weather stations collected data in intervals up to 30 minutes long. We calculated the mean daily wind speed for each weather station (Figure 2).

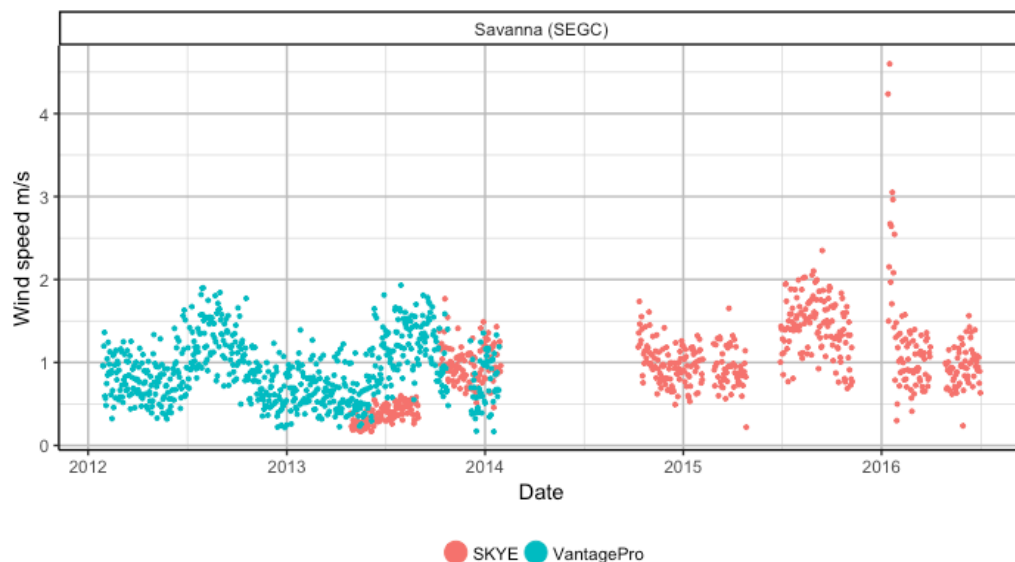


Figure 1. Time series plot of wind speed at Lopé NP, 2012-2017. Coloured dots show daily mean observations from different equipment.

The accompanying data contains wind speed data from both weather stations summarised to daily mean wind speed (Wind speed daily Dataset A in accompanying manuscript).