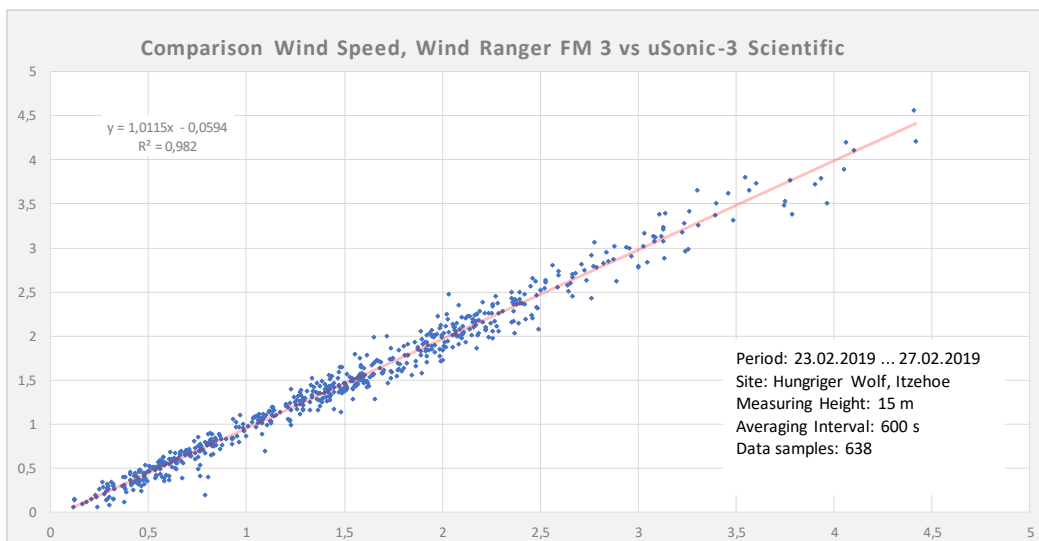
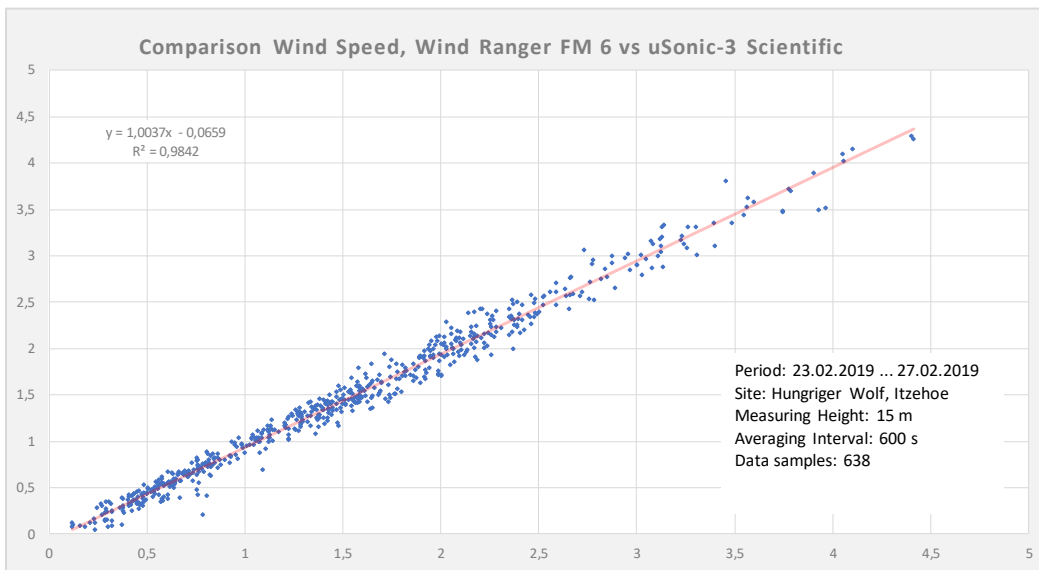


Lidar Wind Profiler

Wind Ranger 200

The Metek **Wind Ranger** is a compact, cost efficient and easy to use continuous wave lidar wind measuring system for up to 200 m height. It derives 3D wind vectors from continuous VAD scans (10° tilt angle) at a rotational speed of up to 2 rev./s. Spectra are determined at a rate of 100 Hz. Measuring heights can be selected by the customer without the need of equidistant ranges (e.g. 7 m, 15 m, 35 m, 100 m, 150 m, etc.).

The unique frequency modulation provides determination of the absolute radial wind without any lower speed threshold. It identifies strong variations of back scattering along the line-of-sight observation typically caused by clouds and outputs the unique control variable of the effective measuring height.



Lidar Wind Profiler **Wind Ranger 200**

- Meteorological systems & networks
- Pollution dispersion parameters
- Air quality studies
- Wake vortex monitoring
- Wind energy
- Climatology at remote sites
- Research stations
- Urban & Industrial Sites
- Marine and offshore platforms
- Airports
- Sport events

