

# Campaign measurements

## Visibility & present weather

DIAGNOSIS  
ON SITE  
INSTRUMENTATION  
DATA PROCESSING  
EXPERTISE

*Traditionally used in transport domain, the visibilimeter used in the context of measuring visibility and extinction coefficient proves to be a very relevant tool for the characterization of precipitation especially when combined with a rain gauge.*



**Visibility and precipitation:**  
*Visibility distance is reduced several times during the day due to precipitation frequencies and quantity.*

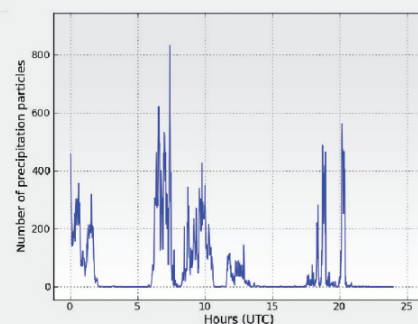
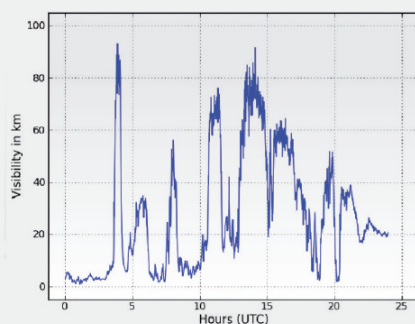
### Visibilimeter / Present Weather

**Features:**

- 1 transmitter / 2 receivers (back scattering and forward scattering).
- Automatic problem detection on optics.

**Observable phenomena:**

- Visibility up to 100 km.
- Haze and fog.
- Rain and snow with classification.
- Extinction coefficient.



### Rain gauge

- 400 cm<sup>2</sup> orifice.
- Tipping bucket at 2 mm.
- Integrated heater.

