

Facts Sheet Actionable Meteorology

Empowering YOU to Adapt
to Climate Change

aWhere

Overview

aWhere offers 1.9 million virtual weather stations every 9 km to empower your organization adapt to climate change on a local to global scale. Our observed weather data dates back to 2006; offering superior accuracy over larger commercial and public alternatives as we follow a robust quality control process. Our data are delivered through a RESTful API and GIS-compatible files for your convenience. We also offer [tools](#) and [training](#) to empower you every day to make informed decision to deliver economic resilience to climate change.

aWhere's Observed Weather Variables:

- Daily maximum temperature (Celsius)
- Daily minimum temperature (Celsius)
- Daily rainfall (mm)
- Daily solar radiation (W/m²)
- Daily maximum wind (km/h)
- Maximum morning wind (km/h)
- Daily mean wind (km/h)
- Maximum relative humidity (%)
- Minimum relative humidity (%)

aWhere's Forecast Weather Variables:

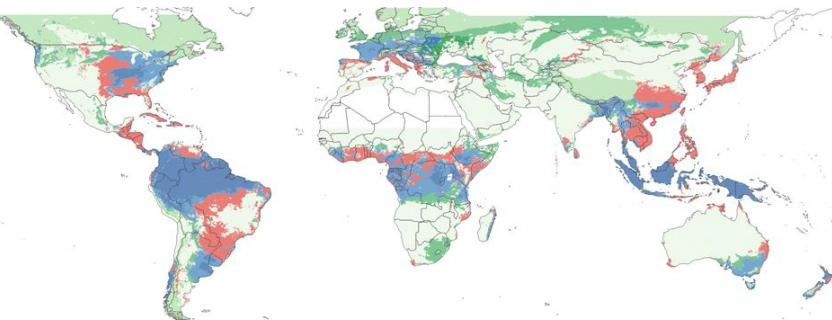
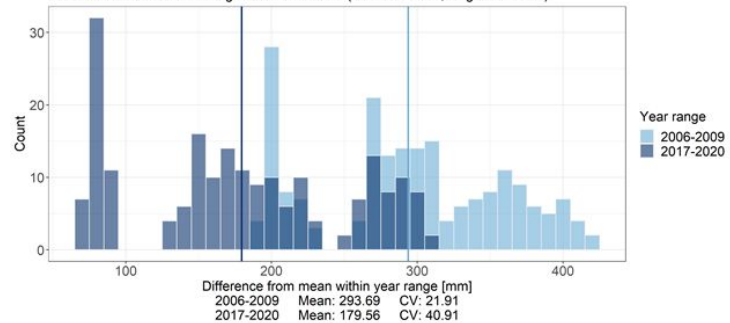
- Maximum temperature (Celsius)
- Minimum temperature (Celsius)
- Rainfall (mm)
- Percentage of the sky occluded by clouds (%)
- Daily solar radiation (W/m²)
- Average wind speed (km/h)
- Fastest and slowest wind gust (km/h)
- Wind Direction (compass direction/bearing)
- Maximum relative humidity (%)
- Minimum relative humidity (%)
- Dewpoint
- Soil Temperature for multiple depths (C)
- Volumetric Soil Moisture

Insight into Action

aWhere's weather data is designed to drive crop and spatial models. The data is easily integrated with other spatial data to generate unprecedented insights on how weather variability is impacting society. Our analytical tools include environmental trend analyses for any location or region of interest; in the chart to the right we show precipitation changes in Zambia during the past decade.

Precipitation Variability for Jan

Location: nearest 50 aWhere grids to Farm-1061 (latitude: -14.79, longitude: 26.62)



aWhere's Precipitation / Potential Evapotranspiration (P/PET) value is extremely accurate and powerful in understanding the risk of drought (shown in red) at a global scale in real-time. These analytics empower you to make timely decision based on accurate data and powerful models.

Email BeaWhere@awhere.com with any specific questions on how to deliver economic resilience to climate change today

Learn more at aWhere.com

