



CENTRE FOR RENEWABLE &
SUSTAINABLE ENERGY STUDIES



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SAURAN
SOUTHERN AFRICAN UNIVERSITIES RADIOMETRIC NETWORK

HIGH ACCURACY SOLAR RADIOMETRIC DATA FOR RESEARCH, DEVELOPMENT AND GENERAL USE

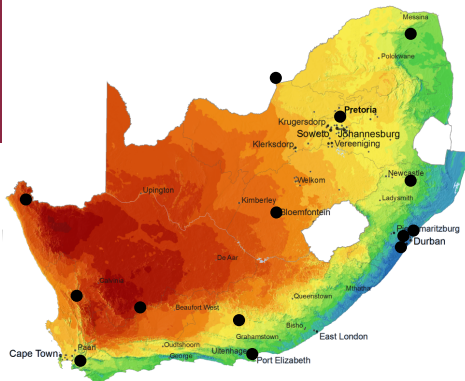
ABOUT THE SAURAN NETWORK

The Southern African Universities Radiometric Network (SAURAN) is an initiative of the Centre for Renewable and Sustainable Energy Studies (CRSES) at Stellenbosch University and the Group for Solar Energy Thermodynamics (GSET) at the University of KwaZulu-Natal. SAURAN makes high-resolution highly accurate, ground-based solar radiometric data available from stations located across the Southern African region, including South Africa, Namibia, Botswana and Reunion Island.

DATA SETS

Solar irradiation data is available at 1-minute, hourly and daily time-averaged intervals for most stations and includes:

- Direct normal irradiance (DNI)
- Global horizontal irradiance (GHI)
- Diffuse horizontal irradiance (DHI)
- Air temperatures
- Wind speeds
- UV



WEBSITE ACCESS

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