

The South African Weather Service (SAWS) is a Section 3(a) public entity under the Ministry of Forestry, Fisheries and the Environment (DFFE) and is governed by a Board. The organisation is an authoritative voice for weather and climate related services in South Africa and is a member of the World Meteorological Organisation (WMO) to fulfil a range of international obligations of the government. South African Weather Service (SAWS) strives to be a Weather and Climate Centre of Excellence providing innovative solutions to ensure a weather-smart region, sustainable development and economic growth.

The South African Weather Service (SAWS) is therefore seeking to appoint an efficient and enthusiastic person to undertake the role of:

Scientist: Observations and Assurance
Salary Total Package: R460.770 -R583.451
(Ref. WS03/032025)
Centre: Centurion

Job Summary:

The Scientist in Observations and Assurance Unit is responsible for dealing with the monitoring of near real-time climate data availability and provide guidance on matters relating to data availability and quality assurance of the surface and upper air observation networks. The Scientist has to ensure that the latest methods related to observations and data assurance are researched and where possible implemented in an operational environment.

Key performance areas:

- Play a leading role in monitoring of data availability of surface observation network;
- Ensure that the data is available on daily basis on the Climate database;
- Liaise with internal stakeholders on matters related to data availability;
- Participate in activities and projects related to data quality assurance of surface and upper air observation networks;
- Actively participate in programs, projects or activities related to climate observations, nationally, regional and internationally;

- Assist the climate services units with queries related to data, products and services that may be of assistance to them;
- Participate in scientific research;
- Develop and/or compile report and establish new methods and processes that will improve the Observations and Assurances unit's service delivery to clients;
- Give advice in developing or maintaining the strategic direction of climate observations and assurance unit in line with international standards, practices and developments;
- Collaboration with national and international institutions relevant to climate observations and assurance, in line with the strategic direction of the SAWS;
- Represent the SAWS where appropriate and serve on national or international scientific panels/committees or expert groups in an expert capacity as and when needed;
- Participate in the support of relevant operational meteorological systems;
- Carry out all administrative functions attached to the post, including the mentoring of meteorological technicians and young scientists;
- Participate in all activities related to maintaining the Total Quality Management (TQM);
- Continue self-development and keep abreast with current and new developments in the field of Observations.

Requirements:

- An appropriate 4-year degree in Atmospheric Sciences (or equivalent qualification), a master's in Atmospheric Sciences (or equivalent qualification), would be an added advantage.
- At least 2 years extensive experience in data quality and assurance and/or in a scientific work environment.
- Knowledge of SQL, statistics, GIS (preferably ArcGIS (Pro) 10) and basic report-writing (Crystal Reports, Access or other) will be an added advantage and strongly recommended.
- A proven track record as a scientist would be advantageous e.g. Publishing of papers, serving on scientific forum and/or participation at conferences
- A Weather Observers certificate would also be considered as an added advantage

Please Note:

Enquiries for the above-mentioned positions must be directed to: Ms Thembisa Bixa, at Tel. (012) 367 6208.

Register as a user on our website using this link: <https://www.weathersa.co.za/home/vacancies> to apply for the above position and upload your (Comprehensive CV with certified copies of qualifications).

Closing Date: 04 April 2025

Note: All applicant's personal information received will be used for purpose of this recruitment process only

Preference will be given People living with disabilities in line with SAWS EE targets Correspondence will be limited to short listed candidates only. Candidates who have not been contacted within 3 months after the closing date of this advertisement, please accept that your application was unsuccessful. The organisation reserves the right not to fill this position. South African Weather Service is an equal opportunity employer.

Record Reference	HCM-ADVERT- Scientist
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