

The South African Weather Service (SAWS) is a Section 3(a) public entity under the Ministry of Environment, Forestry and Fisheries (DEFF) 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:

Senior Technologist

TCTC Salary range: R360 630.00 - R495 606.00

Centre : Bloemfontein Office

(Ref: WS04/052025)

Job summary: To manage the regional observation infrastructure performance through effective maintenance, upgrade, and calibration of Observing Networks to enable system availability and data integrity.

Key Performance Areas:

Products, Service Delivery / Infrastructure maintenance:

- Ensure data availability from remote Observation Networks such as Automatic weather stations, RADAR, Lightning Detection Network, Automatic Rainfall stations, conforming to approved organizational targets.
- Accurately diagnoses and repairs faulty equipment to enable network availability.
- Undertakes continuous monitoring of Observing Networks and evaluate system performance.
- Implements the Inspection Programme for Observing Networks to maintain data integrity.
- Liaises with Commercial Clients on AWS installation and maintenance matters.

- Identifies new sites in the expansion of network areas and prepares proposals for approval by Regional Manager.
- Compiles the infrastructure demand plan for the region, with support from Meteorological Technicians.
- Coordinates infrastructure replacement requests with Technical Services.
- Ensures calibration and testing of meteorological equipment as and when necessary.
- Coordinates the incoming and outgoing of meteorological equipment.
- Ensures that reactive and non-reactive maintenance is attended to within the stipulated timeframes as directed by Technical Services and the Line Manager.

Innovation, Process Improvement & Revenue Generation:

- Monitors adherence to EQS processes to enable certification of equipment of Observing Networks.
- Participates in the planning and directs the implementation of decommissioning and re-commissioning of the weather observation systems.
- Provides analysis and recommendations on asset life cycles.
- Analyse current techniques and technologies used in the collection and processing of data to ensure the best practices are used and applied consistently across the board.
- Develops maintenance processes for Observing Networks.
- Develops business continuity plans to ensure availability of systems.

Administration, Governance, Risk & Compliance:

- Prepares infrastructure status reports for Regional Manager a daily basis.
- Monitors MOU with Site Owners to ensure fulfilment of contractual obligations.
- Prepares specification for procurement of technical equipment.
- Proactively orders Weather observation infrastructure spares to prevent work disruptions.
- Ensure the availability of the relevant Standard Operating Procedures, and that the junior personnel are well inducted on these also have easy access to them and comply accordingly.
- Ensure Compliance with designated national and international standards.

- Analyse and interpret regional infrastructure performance through monitoring and evaluation. Where applicable implement corrective actions.
- Ensures strict adherence to SHEQ policies and procedures.
- Monitor the Risk Register and ensure the implementation of identified risks mitigation actions.
- Participate in various regional audits and ensure that all audit findings are addressed
- Compiles monthly, quarterly and annual status reports on Observing Networks for submission to Regional Manager.
- Give input on budget planning.
- Assist the region and SCM with sourcing of local suppliers.

People, Culture and Values:

- Promote a culture and practices that reflect the SAWS values and manage the team's performance.
- Develop Capacity and capability required to sustain/ maintain observations infrastructure ion operation.
- Takes ownership of own development activities to ensure performance against agreed standards.
- Contributes to team success by contribution and commitment to the team.

Stakeholder Management:

- Collaborate with the other regional Team in an effort to deliver the SAWS mandate.
- Implement public awareness programmes for the local communities. (Office outreach activities).

Minimum Requirements and Attributes:

- BTech in Electrical/Electronic Engineering (Light Current) or equivalent.
- At least 5 years' experience within Electrical/Electronic Engineering or equivalent environment.

- Code EB or Code 08 (without endorsements).
- Leadership and management skills

Please Note:

Enquiries for the above-mentioned positions must be directed to: Mr. Denny Maluleke, at Tel. (012) 367 6091.

Register as 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: 30 May 2025

Note: Recruitment Agency applicant submissions will not be considered

Preference will be given to People living with disabilities in line with SAWS EE targets. This is an EE position and preference will be given to **Africans, Coloured, White, Indian Males & Females**. 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. The South African Weather Service is an equal opportunity employer.

Record Reference

HCM-ADVERT-ST/2025

