

Advertisement

Private Bag X097, Pretoria, 0001 • Tel: + 27 (0) 12 367 6000 • www.weathersa.co.za • USSD: *120*7297#

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:

Chief Forecaster: Marine

Paterson Grade: D2

TCTC Salary range: R655 133 – R898 855

Centre: Marine Research Unit, Cape Town

(Ref. Ref. WS06/122025)

Job Summary:

The Chief Forecaster is primarily responsible for providing expert scientific leadership for marine meteorological forecast products and services at SAWS. S/he will ensure the highest technical standards, regulatory compliance, and operational excellence in marine forecasts and warnings. The successful candidate will maintain and build SAWS's reputation as a trusted provider of marine weather services, especially in high-impact marine event situations, while leading innovation through advanced forecasting techniques such as Artificial Intelligence (AI) and machine learning.

Key Performance Areas:

The candidate will be required to:

- Provide technical and scientific leadership for marine weather forecasting, ensuring the integrity and accuracy of marine products and services.
- Introduce, maintain, and continuously improve a quality-assurance framework for marine high impact weather products.

Advertisement

Private Bag X097, Pretoria, 0001 • Tel: + 27 (0) 12 367 6000 • www.weathersa.co.za • USSD: *120*7297#

- Lead and conduct marine competency assessments, including marine forecaster training, in line with WMO recommended standards.
- Ensure marine forecasts, warnings, and services comply with national and international regulatory manuals and guidelines (WMO, IMO, IHO).
- Represent SAWS in national and international marine meteorology forums, advisory/expert groups, and scientific panels.
- Develop strategic collaborations with other meteorological and oceanographic institutions (locally and globally).
- Drive peer-reviewed research, case studies, and scientific publications in marine meteorology.
- Oversee the dissemination of marine weather forecasts to key stakeholders: shipping, fisheries, search and rescue, maritime authorities, ports, and others.
- Champion the adoption of advanced forecasting technology (e.g., AI, Machine Learning) to improve marine forecasting skill.
- Lead SAWS's role as a Regional Specialised Meteorological Centre (RSMC) for marine services in its area of responsibility (METAREA VII).
- Liaise with other RSMCs (e.g., La Réunion) and WMO marine working groups.
- Contribute to WMO-level documentation on marine forecasting standards and practices.
- Collaborate with other SAWS departments to monitor, improve and fully leverage observation and forecasting systems.
- Promote the awareness of marine SAWS products and services to relevant stakeholders.
- Supervise and mentor marine senior forecasters/forecasters: guide career development, forecasting performance, and professional growth.
- Responsible for budget planning and monitoring for the marine forecasting services.
- Oversee the marine forecasting services' compliance with SAWS Total Quality Management (TQM) system.

Required Minimum Education/Training:

- B.sc (Hons) in Meteorology, Atmospheric Sciences, Oceanography and/or WMO BIP-M/ Postgraduate Certificate in Weather Forecasting.

Advertisement

Private Bag X097, Pretoria, 0001 • Tel: + 27 (0) 12 367 6000 • www.weathersa.co.za • USSD: *120*7297#

- Registered for or completed an M.sc in Meteorology, Atmospheric Sciences, or Oceanography

Required Minimum Work Experience:

- At least 5 years' of experience as a Senior Forecaster.
- At least 10 years' overall technical experience in weather forecasting.

Technical and Behavioural Competencies Required

- Proficiency in high-level programming languages (e.g., Python, MATLAB).
- Experience with numerical weather prediction models (NWP), and desire to learn more about coastal ocean modelling.
- Strong project management experience.
- Excellent analytical and creative thinking skills.
- High emotional intelligence and leadership ability.
- Innovative mindset, with proven record of leading new forecasting techniques/technologies.
- Excellent communication skills (written and verbal) and formal scientific writing.
- Mentorship and performance evaluation experience.

Please Note:

The position is a standard-office hours (08:00 – 17:00) but may require extended work hours during periods of high impact weather events.

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).

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

Closing Date: 08 January 2026

Advertisement

Private Bag X097, Pretoria, 0001 • Tel: + 27 (0) 12 367 6000 • www.weathersa.co.za • USSD: *120*7297#

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 females, Africans, Indians and Coloureds (AIC). 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 South African Weather Service is an equal opportunity employer.

Record Reference	HCM-ADVERT-
-------------------------	-------------

