

Climate Change Services



KMSA analyses climate trends and extreme events, develops downscaled future climate projections, produces climate change reports, supports climate policies and briefs, and helps countries build resilience through climate negotiations.

We also hosts Kenya's national focal point for the IPCC.

Climate Services



KMSA provides tailored climate services to support long-term planning and climate-sensitive decision-making. These include monthly and seasonal forecasts, climate data and projections for development planning, adaptation and early-warning systems, as well as the annual State of the Climate in Kenya Report, which highlights climate trends, extreme events and anomalies.



Our Partners

Strategic partnerships are at the heart of our mission to deliver accurate, timely and impactful weather and climate services.

Through collaboration, we work with Government agencies, Research institutions, Private sector partners, Humanitarian and Development organisations who share our vision for a safer and more resilient Kenya.



MINISTRY OF
ENVIRONMENT,
CLIMATE CHANGE &
FORESTRY



Met Office



Investing in rural people



Where To Find Us



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Kenya Meteorological
Department



**Kenya
Meteorological
Service Authority**

Our Weather, Our Climate, Our Future



Our Mission

To provide and facilitate weather and climate information services for sustainable development.

Our Vision

A world class weather and climate service.

A Resilient Kenya

Safer Communities

Accurate Weather Information

Who We Are

The Kenya Meteorological Service Authority (KMSA) is Kenya's national authority for weather and climate services, providing accurate and timely information that supports public safety, national development and informed decision-making. KMSA serves key sectors including agriculture, water resources, forestry, civil aviation, disaster risk reduction and the private sector, while providing authoritative early warning information to safeguard lives, protect property and promote environmental sustainability.



OUR SERVICES

Weather Forecasting Service



KMSA through our team of experienced forecasters provides accurate and timely severe weather warnings, up-to-date daily, 5-day, weekly monthly and seasonal forecasts, county level forecasts, and the Lake Victoria fishing forecasts to support preparedness for both individuals and institutions in weather-sensitive sectors.

Agrometeorological Services



KMSA provides timely agrometeorological information, including regular 10 day and monthly bulletins, weather data and forecasts, that help farmers plan and optimize agricultural activities, ensuring timely decisions for enhanced productivity and sustainability.

Hydrometeorological Services



Our hydrometeorological services provide timely weather, water and climate information for planning, monitoring and decision-making, including rainfall and river flow information. The FLOOD BULLETIN provides regular flood forecasts and warnings to help communities, authorities and all users prepare for and respond to flooding and reduce risks.

Biometeorological Services



Our Biometeorological Services support human and animal health through health-risk prevention and adaptation guidance to build safer, healthier and more resilient communities. We provide Weekly, monthly and seasonal biometeorological bulletins, as well as Malaria early-warning outputs for the Western Kenya Highlands, to support early preparedness and response to climate-sensitive health risks.

Aviation Services



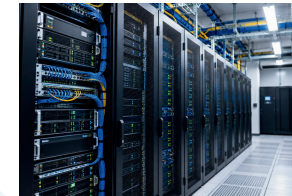
Our Aeronautical Meteorology Services provides meteorological information and navigation support by issuing accurate, real-time weather information and forecasts for aircraft operations. We issue METARs and TAFs, and specialized weather information, including aerodrome forecasts and SIGMETs, to support safe and efficient air transport operations.

Marine Services



KMSA provides specialized marine weather services to support safe and efficient maritime activities along Kenya's coastline. We provide daily and 7-day marine forecasts, including localized near-shore forecasts for Kwale, Mombasa, Kilifi and Lamu, covering sea conditions, tides, waves, winds and weather systems. We also issue timely warnings and alerts for hazardous conditions such as high waves, strong winds and storms.

Climate Data Management Services



The Climate Data Management Services (CDM) collects and manages climate data from manned and automatic weather stations across the country. The data supports the production and dissemination of daily, monthly and seasonal forecasts, as well as climate products such as maps and graphs, with information available at county, ward and grid-point levels through the climate data web portal.

Meteorological Consultancy Services



KMSA offers tailored weather and climate services to support decision-making in sectors such as agriculture, water, energy, private sector, transport and disaster risk management. We provide expert advice, analysis and customized solutions based on accurate weather and climate information, helping organisations plan, reduce risks and improve resilience.