

Institute for Meteorological Training and Research (IMTR/WMO-RTC)

Sarah Kimani

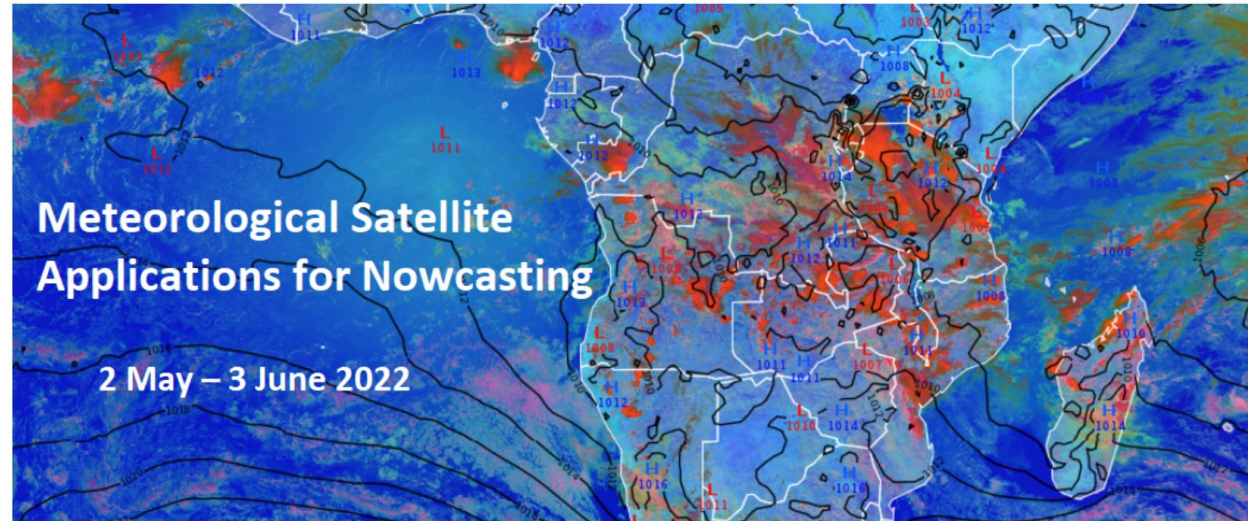
IMTR - Overview

- The Institute for Meteorological Training and Research (IMTR) is the Branch of the Kenya Meteorological Department (KMD) that deals with Education, Training, Research and Development.
- It is a designated World Meteorological Organization Regional Training Centre (WMO-RTC).
- Together with its university component, the Department of Meteorology, University of Nairobi. The WMO-RTC, Nairobi trains meteorological and operational hydrology personnel, for English-speaking Africa, at certificate and postgraduate levels

IMTR Training activities - Ongoing

Course	No. of Students	Nationality
Middle Meteorological Technicians Course (MMTC 17)	9	Kenyans
Middle Meteorological Technicians Course (MMTC 18)	16	11 Kenyans, 5 Botswana
Aeronautical Meteorological personnel Assessors Course	5	2 Rwanda, 3 Kenyans

VLAB – Satellite Application Course



Mode: Virtual/Online

Dates; 2nd May – 3rd June 2022

Trainers: EUM, SAWS, IMTR

Participants: English speaking RA-I countries

VLAB – Satellite Application Course

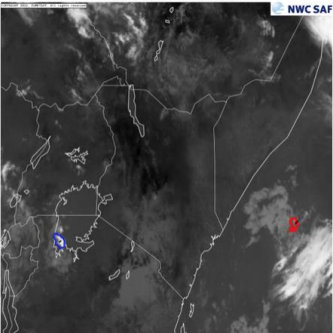
Training @EUMETSAT + 9 • 8d

2022 Weather wall - all your cases and weather questions

Feel free to respond to other postings. Use + to post.

Saumu Shaka 1mo

Kenya RDT at 0800Z on 10/05/2022



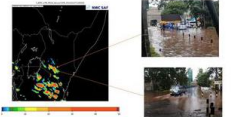
VISIR satellite image of Kenya at 0800Z on 10/05/2022

The satellite image indicates clear blue skies (black dark area) over the entire North Western and touching some parts of Northeastern Kenya. Very translucent high clouds tending towards clear skies, indicated over the North Eastern parts extending to the Coastal region. Clouds extend from the

Scholastic Maloba 1mo

NWSAF Product: Nairobi-Kenya heavy rainfall case

A heavy downpour followed by massive hailstones rained in the Nairobi city-Kenya on 22nd February 2022, 1300Z. This was as a result of the deep convective system lying over the area as depicted in the NWSAF image

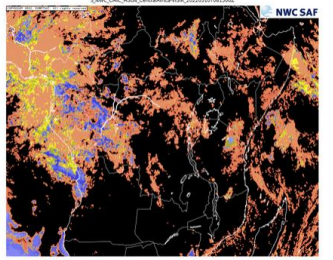


This Nowcasting tool very convenient for forecasters as we incorporate other products.

3 0 1

Ivan Smiljanic 1mo

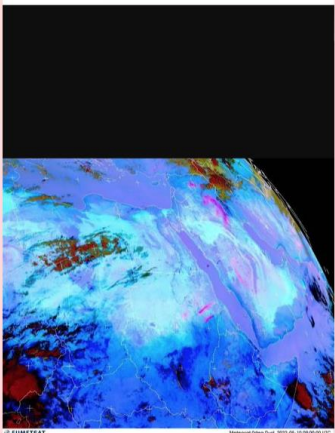
Cloud drop effective radius



I take this example to show that sometimes products are a bit hard to read! This is quite typical for any satellite product: forecasters actually do need to acquire experience with certain product in order to know how to best use it - when does it normally perform less good (e.g. during night), how does it behave (e.g. shows certain positive bias), does it shows well the extreme values, what

Anonymous 1mo

Dust



Dust 2022 05_10_2022 09:00utc

Satellite image at 0900utc Dust

Anonymous 1mo

New convection case from Sudan

Convection Cloud 9 August 2019

convection is one of the most important factors to be closely in Sudan. We use it image to monitor the convection stages here is an example of a recent case that caused light rain for about three hours

The cloud stage:

- Time 00:15 UTC Small cell
- Time 01:15 UTC the cell grew up
- Time 02:00 UTC the cell become mature (precipitation)
- Time 02:30 UTC the rain continued
- Time 03:00 UTC the new cell generated

asmet.africa Haitham Khogly, Sudan Meteorological Authority

Your case: Convection in Sudan 9 August 2021

Hi, here is the newest convection case published today at <https://asmet.africa> by Haitham Khogly, Sudan Meteorological Authority.

5 0 0

Add comment

Anonymous 1mo


Questions

VLAB – Satellite Application Course




Weather types ▾ Regions ▾ Your Weather Cases ▾ Languages ▾ About Us News 🔍

Votre étude de cas



Your case: Sea-breeze induced thunderstorm activity over Mauritius

📅 12 May 2022



Your case: Enormous dust cloud hits Morocco

📅 12 April 2022

Votre étude de cas:
Ligne de grain 04 juin 2021

📅 21 March 2022

Registration OPEN
Registrations open/ Les inscriptions sont ouvertes

📅 15 March 2022

Your case: Dust storms over south Algeria and Mali

📅 14 March 2022

VLAB – Training Resources - ASMET

- ASMET 13 – To be published on asmet.africa; Impact Based Forecasting
- Next ASMET 14

Planned Courses - 2022

Course Title	Expected Start Date	Expected End Date
Data Management and CLIMSOFT Course ;	Jul-22	Aug-22
Aeronautical Meteorological Forecasters Course ;	Jul-22	Dec-22
Aeronautical Meteorological Observations Course ;	Jul-22	Dec-22
Advanced Meteorological Instruments and Data Management Course ;	Jul-22	Sept-22
Operational Training Course	Jul-22	Dec-22
Advanced Meteorological Technicians Course	Jul-22	Jul-24
Middle Meteorological Technicians Course	Jul-22	Jul-24
GIS and Remote Sensing	Jul-22	Aug-22
Advanced Forecasting Course	Jul-22	Sept-22
Marine Forecasting Course	Jul-22	Jul-22
Course for Assessors in Aviation	Jul-22	Aug-22
Aeronautical Meteorological Forecasters Course ; (Refresher Course)	Jul-22	Aug-22
Meteorological Technicians Refresher Course	Jul-22	Aug-22

Challenges & Recommendations

- Continuous Capacity development for VLab trainers
- Dedicated online platforms for short SAC, Africa discussion forums/SAC alumni

Thank you!