

1. Very Strong Request – high resolution imagery / products at night to compliment the application available in the day from true color, particularly for low cloud monitoring and cloud type identification.
2. Strong Request – more cities in view to help location of imagery for forecasters and customers
3. Request – inclusion of local administrative districts in view and names would also be helpful
4. Request to add instability and precipitable water on view and PUMA.
5. Note: sometimes clouds and LI do not align with lightning - request an example.
  - 5.1. This may be due to time stamp issues.
6. Note: Namibia - reception issues mean PUMA is not yet in use.
7. Request Need more training on advanced products, propose to increase regional training and guidance and support for African forecasters to work with the RGBs.
8. In PUMA system it would be helpful to make some of the color scale more distinct when using multiple products on overlay – request examples from the users.
9. PUMA station access – remote access can be used more in some countries to support regional office access. More training may be needed here – this may be addressed in the Wednesday call.
10. Request products to support estimation of storm displacement
11. Request color bar on download image in view (may be available)
12. Request more MTG nowcasting products and very timely for rapid events
13. Request the full L2 suit as we had for MSG
14. Severe convection RGB on view
15. MORE TRAINING!!!!!!

**Group 2 with climatologists, aviation, weather and wider meteorology, and training from across the continent.**

- What are the experiences
- What products have we used
- Challenges with access, interpretation, application
- Recommendations for dissemination, training and support
- Recommendations for MTG products

**Experiences:**

Continuous monitoring of conditions around Tze country, and for FIR – RGBs are very good for monitoring of convection and convection activities – from initiation to full development.

Many of the products we use during the day, better nighttime products would be helpful – high res and convection suitable.

Using airmass and cloud type products for monitoring systems and convection – rainfall and severe rainfall is a focus.

Lightning products is useful for aviation (flight and airport operations)

True color is useful to look at the clouds that may rapidly develop – the cloud products may be less clear; LI is also useful. A way to look at cloud structures at night (hi-resolution) would be useful.

In view there are not many city names – request to have more cities to provide easy location for customers.

Appreciation for workshop at IMTR on FCI and Li – very valuable to support the use of the data.

Note that there is sometimes misalignment between clouds (an example from users would be useful for EUMETSAT) and lightning Winds are also useful.

This data and training are really useful to support the early warning service. View is often used in the service; more places would be important to support precise location.

Dust product is useful – more resolution and more detail on weather, would be useful to have instability products and precipitable water on view and in PUMA to support nowcasting.

MTG is useful for location of convective rains

ACMAD is working with NVidia to build a storm scope processing chain – this will be called AfriScope (developed from MTG).

Need more training on advanced products, propose to increase regional training and guidance and support for African forecasters to work with the RGBs. In PUMA system it would be helpful to make some of the color scale more distinct when using multiple products on overlay.

Combined LI/FCI is really useful for storm monitoring.

### **Challenges:**

More guidance and training on products and RGB interpretation (airmass mentioned explicitly) would be useful.

Nowcasting needs tools to understand the storm displacement/storm to understand where the storm will affect – would help to have visual tools to support diagnosis.

### **New products**

Rain estimates would be useful

RDT from MTG and other nowcasting products.

Need the MTG products that were available from MSG – all the L2

MSG severe convection RGB was useful - would like to have that again