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Satellite and Weather Information for Disaster Resilience in
Africa



ClimDev-Africa



A project led & implemented by the
African Center of Meteorological
Applications for Development

Heavy Rainfall/Flash Flood Bulletin #254

Issued on February 27, 2019
0000UTC – 2359UTC of February 28, 2019.

1. ADVISORY:

There is high risk of heavy rainfall over central and southwestern Nigeria, southeastern Gabon, eastern DR Congo, northern Angola and portions of northern Madagascar in the next 24 hours.

During the forecast period, there are prospects of heavy rainfall over central and southwestern Nigeria, southeastern Gabon, eastern DR Congo, northern Angola, southern Tanzania and northern Madagascar. Light to moderate rainfall is anticipated over coasts of Gul of Guinea countries, southern Cameroun, Equatorial Guinea, east of Central African Republic, southwest of South Sudan, southern Congo Brazzaville, southwestern Zambia, portions of Malawi, northern Mozambique, northeastern Namibia, north of South Africa and Kingdom of Eswatini in the next 24 hours.

2. FORECAST SUMMARY:

During the forecast period, the Azores high and the St Helena high pressure systems are expected to intensify slightly while the Libyan high pressure system is expected to weaken due to the presence of the low pressure system and deep vortex (up to 700hPa) south of Algeria which pulls the ITD northward thereby inducing moisture into the Gulf of Guinea. Anomalous lower level convergences, abundant moisture, high CAPE values together with strong vertical velocities over Gulf of Guinea, southern parts of central African countries, southern Tanzania and northern Madagascar are expected to enhance precipitation over the regions in the next 24 hours.

3. FORECAST MAP

24H acc. precipitation (mm) VT:2019030100

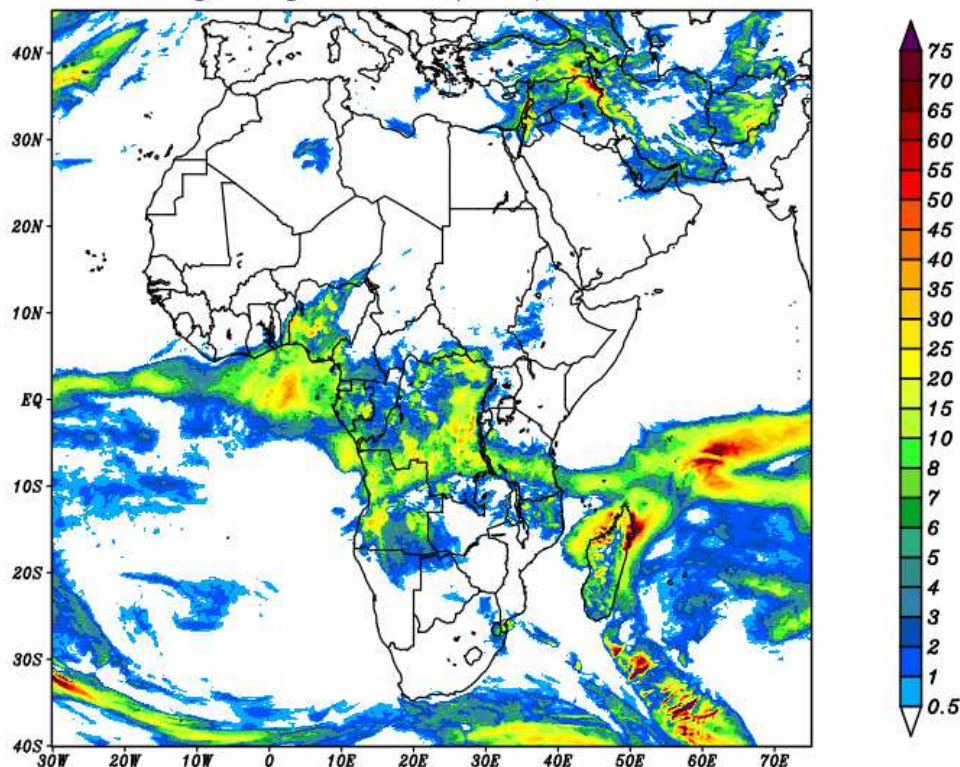


Figure: Total accumulated precipitation forecast of February 28, 2019 (Source of data is UKMO 17km Global Model)