



## Heavy Rainfall/Flash Flood Bulletin #341

Issued on July 30, 2019

0000UTC – 2359UTC of July 31, 2019.

### 1. ADVISORY:

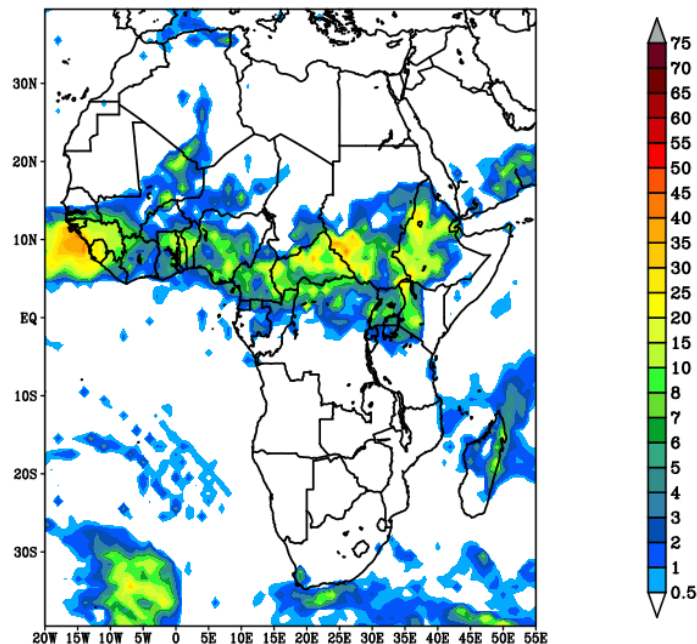
**There are prospects of moderate to heavy rainfall over coastlines of Guinea Bissau and Guinea Conakry, CAR, southwestern of South Sudan, western part of Ethiopia, northern Kenya and environs in the next 24 hours.**

During the forecast period, there are prospects of moderate to heavy rainfall over coastlines of Guinea Bissau and Guinea Conakry, CAR, southwestern of South Sudan, western part of Ethiopia, northern Kenya; while light to moderate rainfall is anticipated over Sierra Leone, Liberia, much parts of Mali, northern Ivory Coast, southeastern Burkina Faso, Ghana, Togo, Benin, Nigeria, southern Chad, Cameroon, northern Congo, northern DR Congo, Uganda

### FORECAST SUMMARY:

The core value of the Azores high pressure system is expected to slightly weaken while the St. Helena high pressure systems and the Mascarene high pressure system are expected to be quasi-stationary during the forecast period. At 850hPa level, the south-westerly winds are expected to dominate the flows with strong convergences over CAR, northern DR Congo, southern Sudan, western Ethiopia, southeastern Mali, eastern Burkina Faso, northwestern Ivory Coast, Ghana, Togo, Benin and southwestern Nigeria with well-developed cyclonic vortices over the coasts of Senegal, Guinea Bissau and Guinea Conakry, northern Mali, southern Algeria, northern Niger. At 700hPa level, AEW over the Gulf of Guinea countries is expected to move very slowly over these countries with prospect of moderate to organize thunderstorm over the region. Furthermore, the heat low areas over southern Algeria are expected to slightly deepen. The Kelvin wave is expected to stay over the continent, while the MJO over West Africa is expected to move eastward with chances of enhancing precipitation over these regions during the forecast period.

### 2. FORECAST MAP



*Figure: Total accumulated precipitation forecast of June 31, 2019 (Source of data is UKMO Africa 17km)*