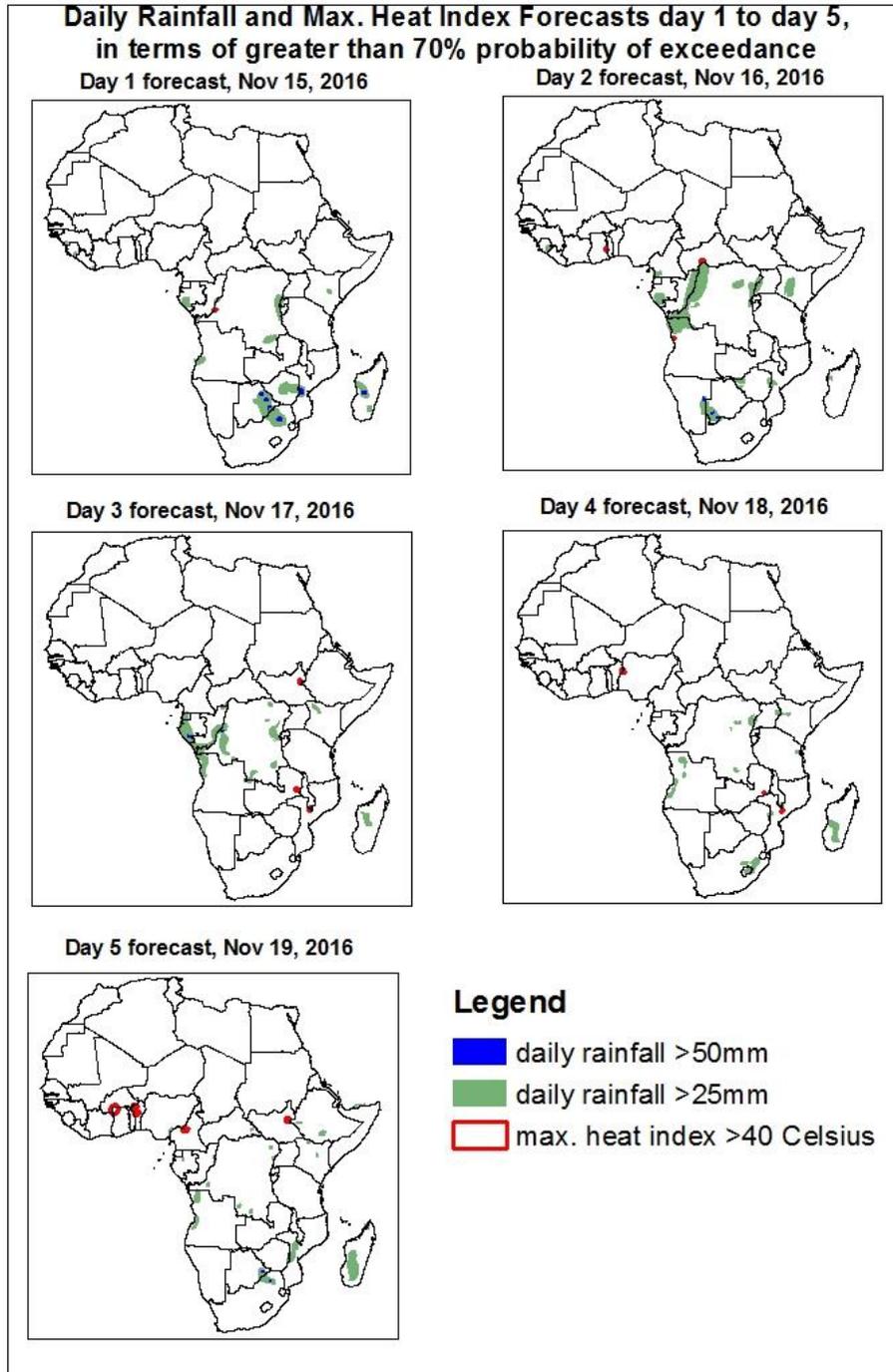


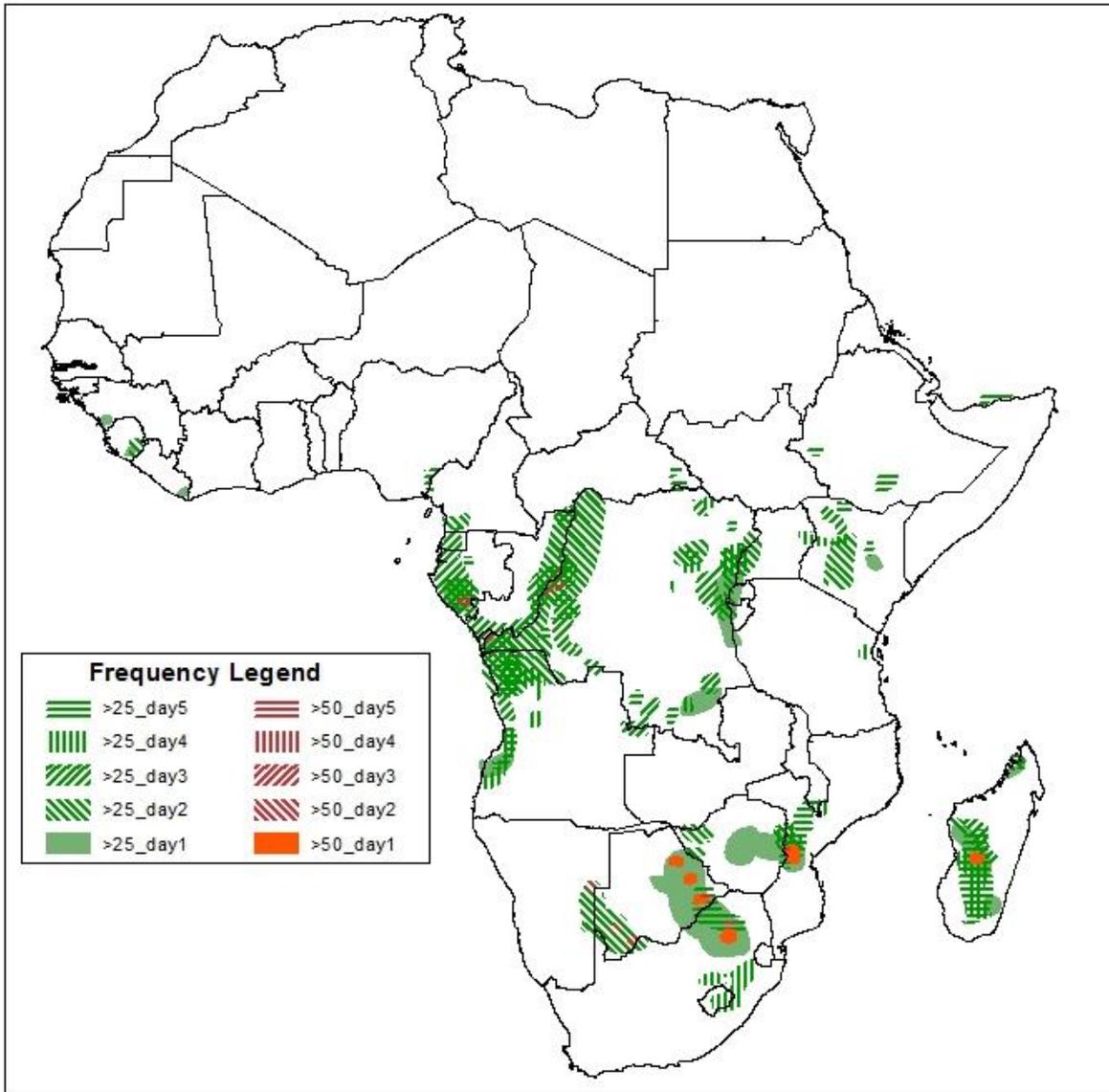
1. Rainfall, Heat Index and Dust Concentration Forecasts, (Issued on Nov 14, 2016)

1.1. Daily Rainfall and Maximum Heat Index Forecasts (valid: Nov 15– Nov 19, 2016)

The forecasts are expressed in terms of high probability of precipitation (POP) and high probability of maximum heat index, based on the NCEP/GFS, ECMWF and the NCEP Global Ensemble Forecasts System (GEFS) and expert assessment.



Five Days Rainfall Forecast Summary Nov 15 - Nov 19, 2016

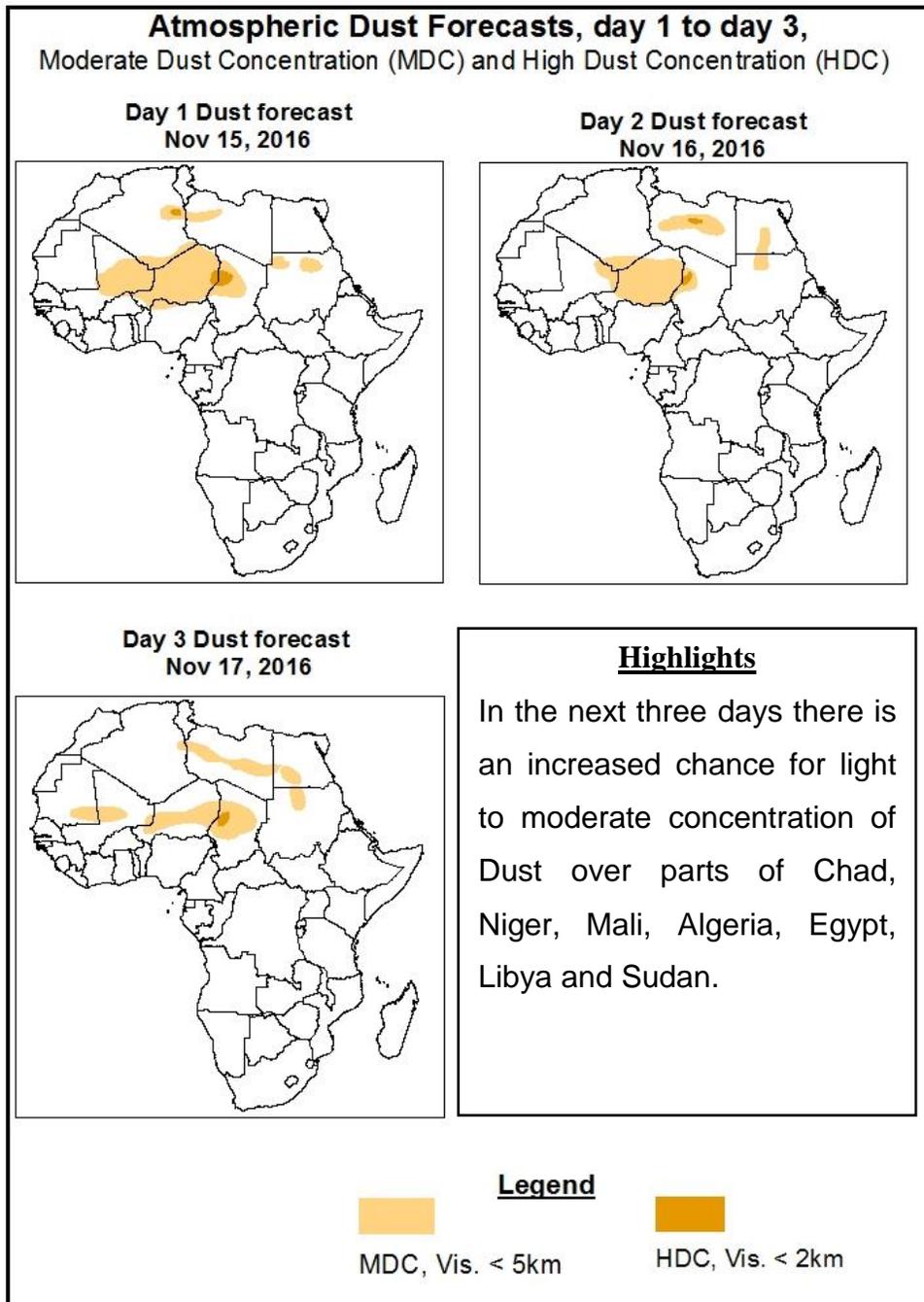


Highlights

In the next five days, lower level wind convergences across Congo-Brazzaville, Angola, Eastern and Western DRC, and eastward propagating frontal system across South Africa are expected to enhance rainfall in their respective regions. Therefore, there is an increased chance for two or more days of light to moderate rainfall over local area of Gabon, Congo, DRC, Angola, Botswana, South Africa, Mozambique and Madagascar.

1.2. Atmospheric Dust Concentration Forecasts (valid: Nov 15– Nov 17, 2016)

The forecasts are expressed in terms of high probability of dust concentration, based on the Navy Aerosol Analysis and Prediction System, NCEP/GFS lower-level wind forecasts and expert assessment.



1.3. Model Discussion, Valid: Nov 15–Nov 19, 2016

The Azores High Pressure system over the North Atlantic Ocean is expected to weaken, with its value of the central pressure decreasing from 1035hPa to 1028hPa during the forecast period.

The St. Helena High Pressure system on the Southeast of the Atlantic Ocean is expected to intensify, with its value of the central pressure increasing from 1029hPa to 1035hPa in the next 96 hours, the system is expected to weaken to 1033hPa during the remaining forecast period.

The Mascarene High Pressure system over the Southeast Atlantic Ocean is expected to weaken, with its value of the central pressure decreasing from 1026hPa to 1022hPa in the next 48 hours, the system is expected to intensify to 1024hPa during the remaining forecast period.

At 925hPa, strong dry Northerly to Easterly winds may lead from light to moderate dust concentration over parts of Chad, Niger, Mali, Northern Nigeria, Algeria, Libya, Egypt and Sudan.

At 850hPa level, lower level wind convergences are expected to prevail in CAR, Congo, DRC, Angola and South Sudan.

In the next five days, lower level wind convergences across Congo-Brazzaville, Angola, Eastern and Western DRC, and eastward propagating frontal system across South Africa are expected to enhance rainfall in their respective regions. Therefore, there is an increased chance for two or more days of light to moderate rainfall over local area of Gabon, Congo, DRC, Angola, Botswana, South Africa, Mozambique and Madagascar.

2.0. Previous and Current Day Weather over Africa

2.1. Weather assessment for the previous day (Nov 13, 2016)

Light to moderate rainfall was observed over portion of DRC, Tanzania, Botswana, Mozambique and Madagascar.

2.2. Weather assessment for the current day (Nov 14, 2016)

Intense convective clouds are observed over portions of Cameroon, Gabon, Congo, DRC, CAR, Angola, Zambia, Botswana, Mozambique, Lesotho, Sierra Leone, South Africa and Madagascar.

