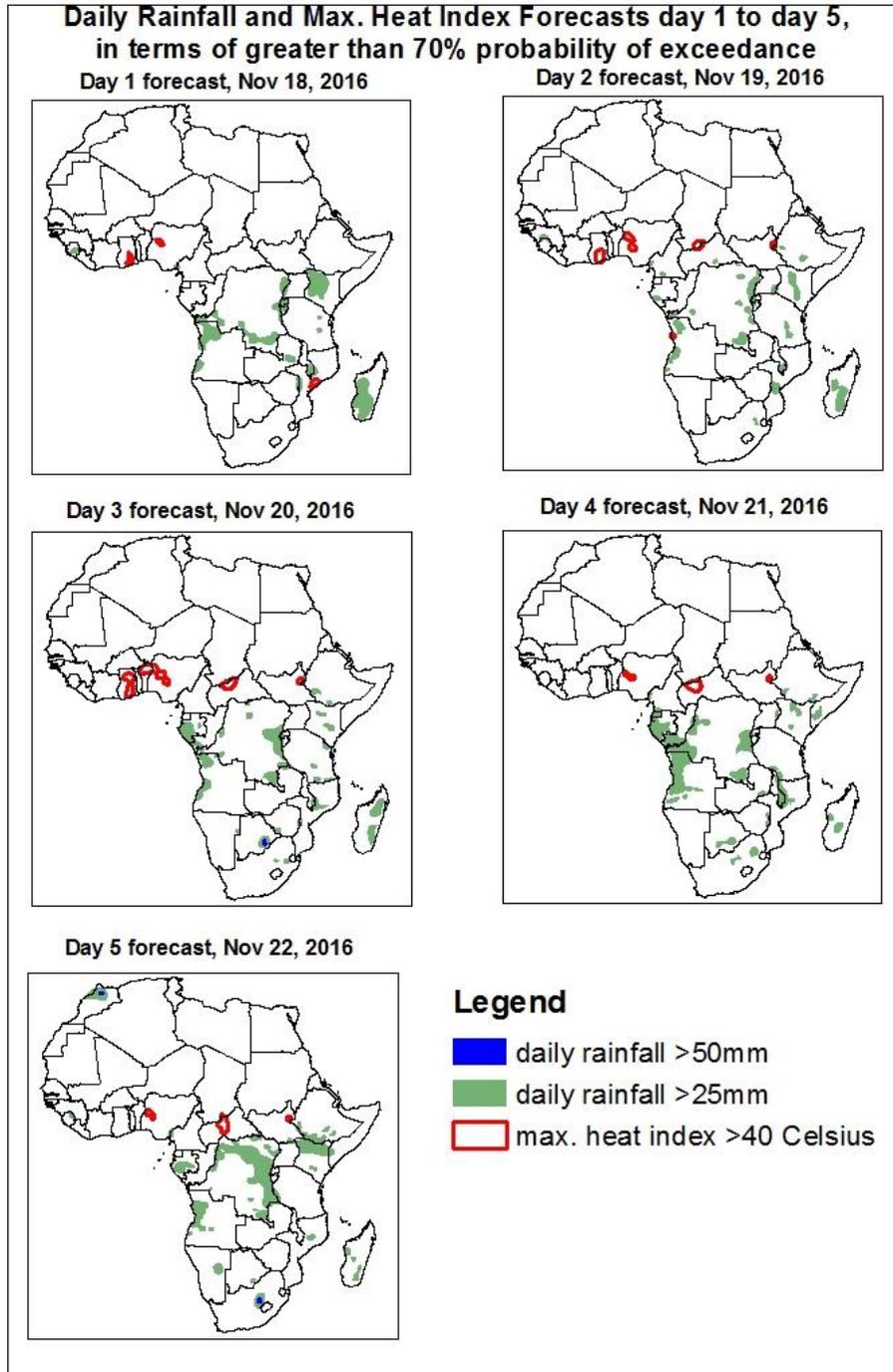


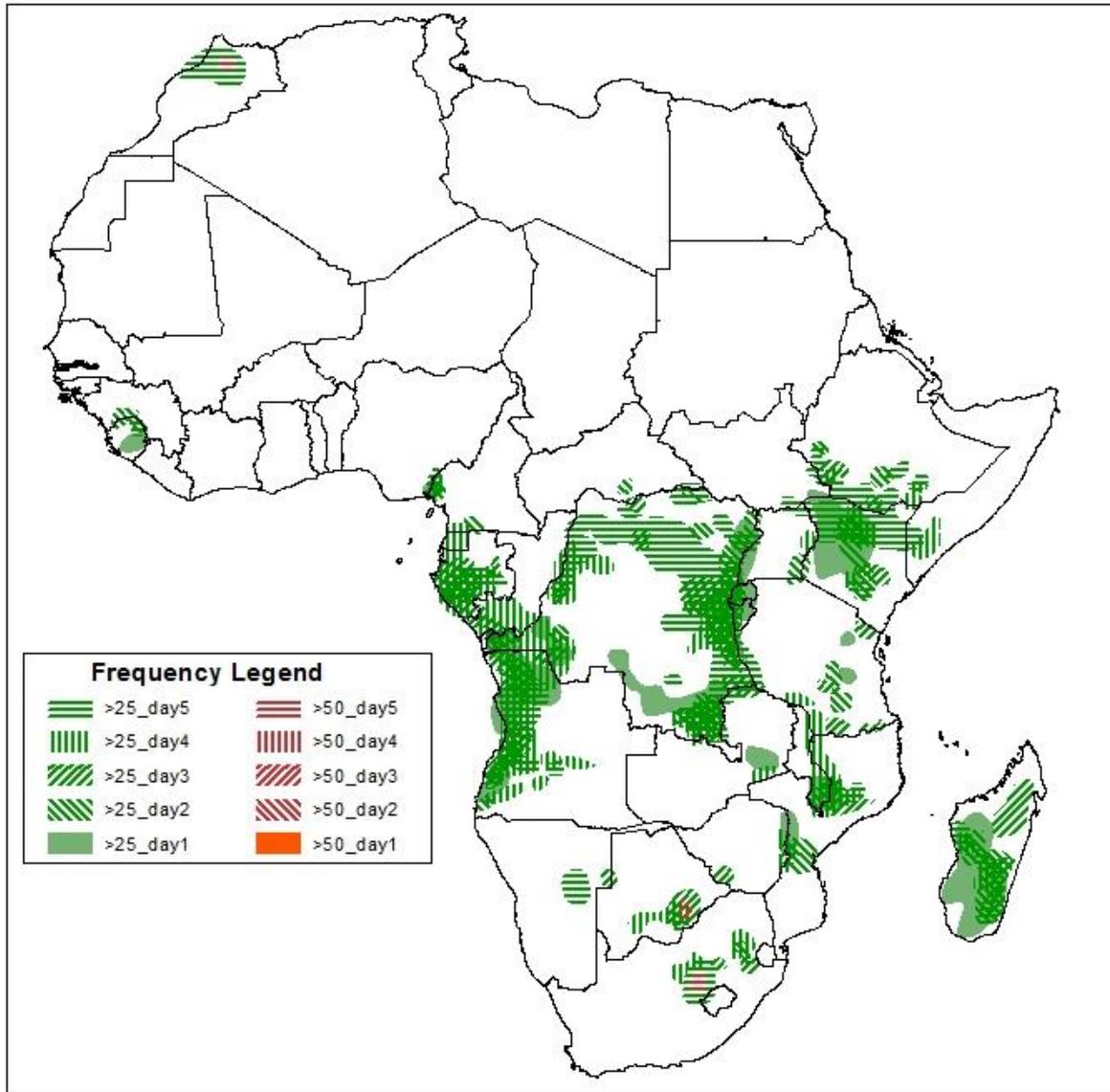
1. Rainfall, Heat Index and Dust Concentration Forecasts, (Issued on Nov 17, 2016)

1.1. Daily Rainfall and Maximum Heat Index Forecasts (valid: Nov 18– Nov 22, 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 18 - Nov 22, 2016

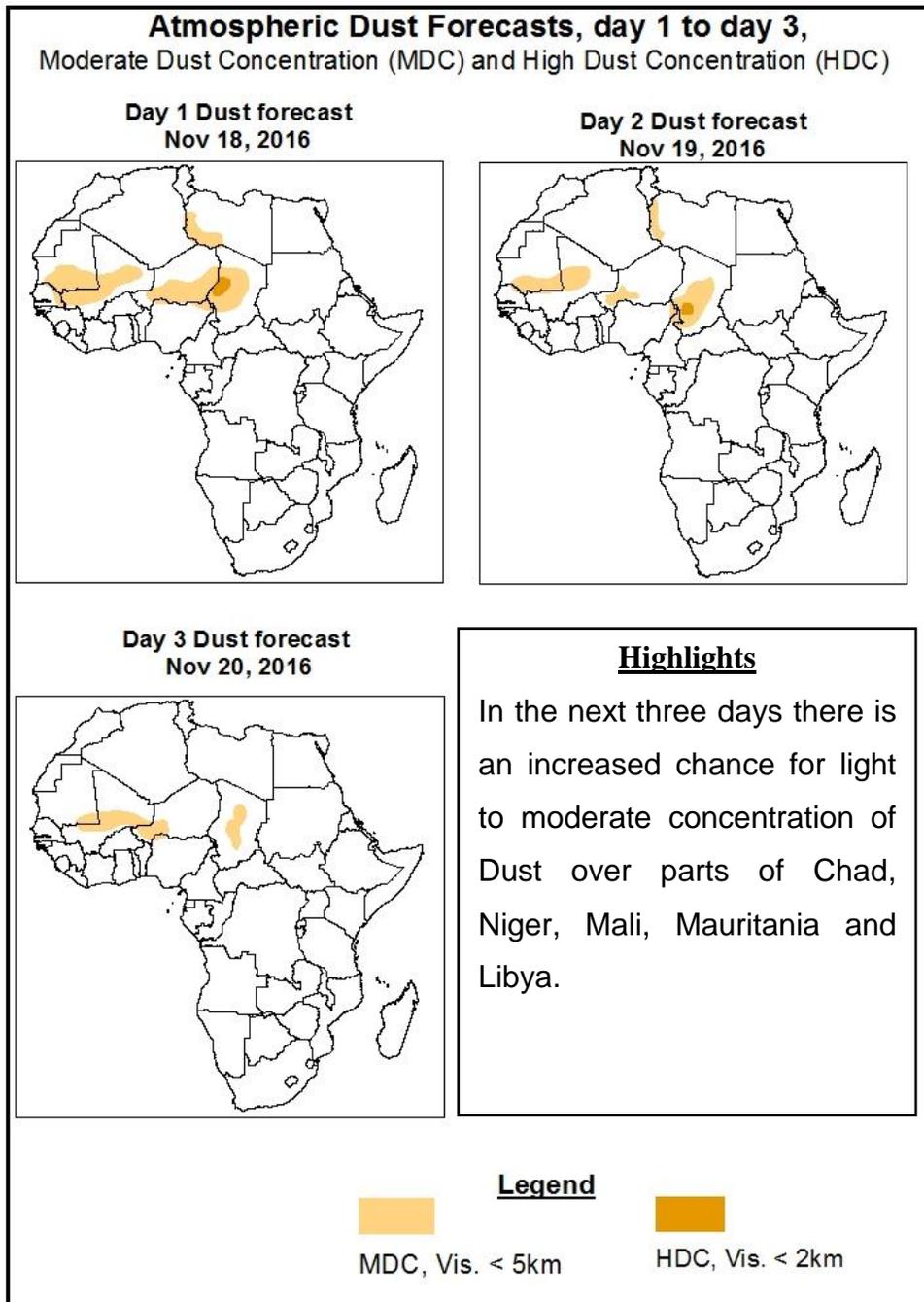


Highlights

In the next five days, lower level wind convergences across Congo-Brazzaville, Angola, Eastern and Northern DRC, South Sudan, 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, Angola, DRC, Kenya, Malawi, Botswana, South Africa and Madagascar.

1.2. Atmospheric Dust Concentration Forecasts (valid: Nov 18– Nov 22, 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 18–Nov 22, 2016

The Azores High Pressure system over the North Atlantic Ocean is expected to weaken, with its value of the central pressure decreasing from 1029hPa to 1026hPa in the next 72 hours, the system is expected to intensify to 1029hPa during the remaining forecast period.

The St. Helena High Pressure system over the Southeast of the Atlantic Ocean is expected to weaken, with its value of the central pressure decreasing from 1035hPa to 1021hPa during the forecast period.

The Mascarene High Pressure system over the Southeast Atlantic Ocean is expected to intensify, with its value of the central pressure increasing from 1024hPa to 1027hPa during the forecast period.

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

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

In the next five days, lower level wind convergences across Congo-Brazzaville, Angola, Eastern and Northern DRC, South Sudan, 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, Angola, DRC, Kenya, Malawi, Botswana, South Africa and Madagascar.

2.0. Previous and Current Day Weather over Africa

2.1. Weather assessment for the previous day (Nov 16, 2016)

Light to moderate rainfall was observed over portion of Gabon, Congo, DRC, Angola, Kenya, Somalia, Zambia, Mozambique, South Africa and Madagascar.

2.2. Weather assessment for the current day (Nov 17, 2016)

Intense convective clouds are observed over portions of Cameroon, CAR, Equatorial Guinea, Gabon, Congo, DRC, Angola, South Sudan, Uganda, Zambia, Mozambique, South Africa and Madagascar.

