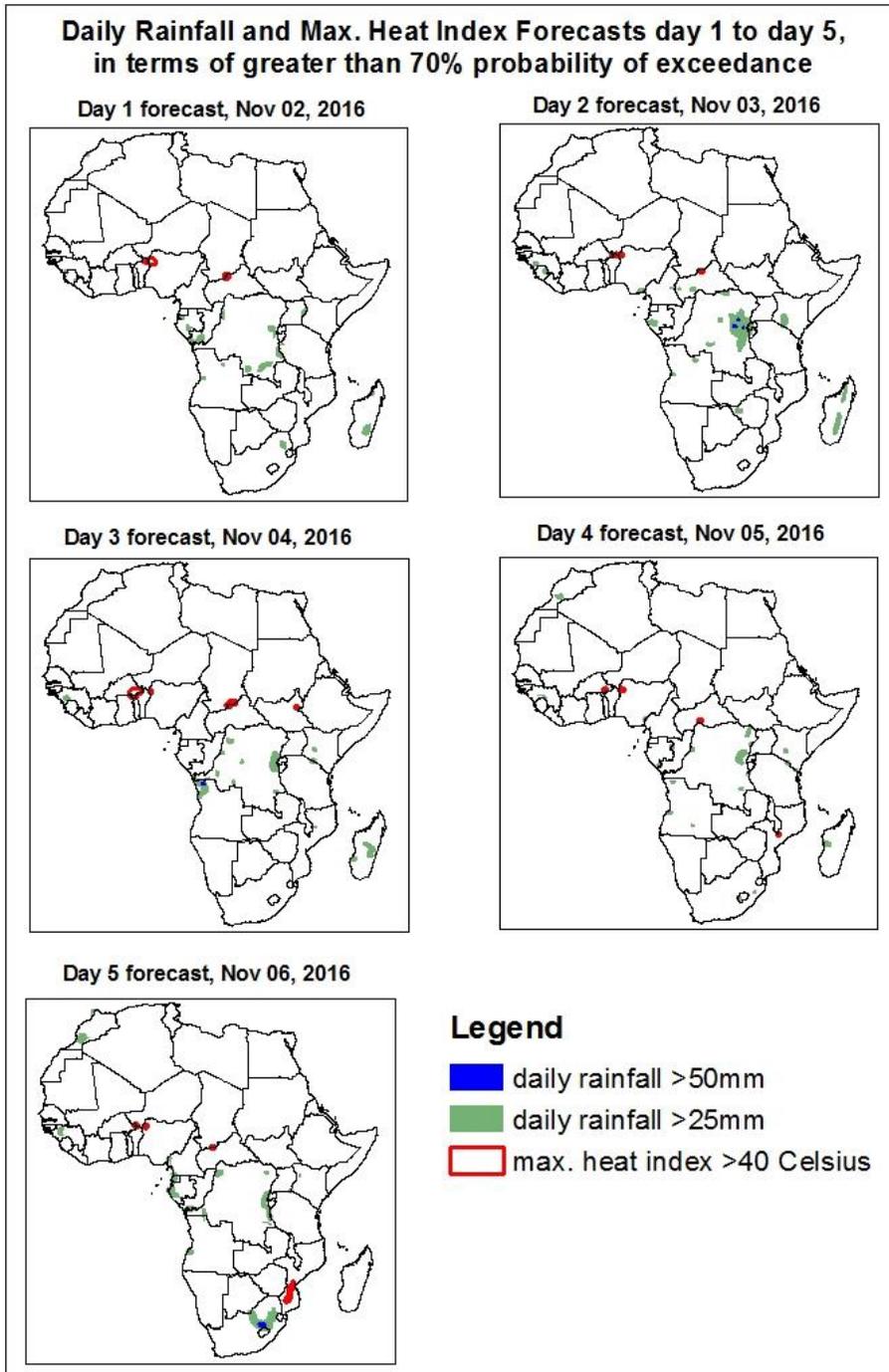


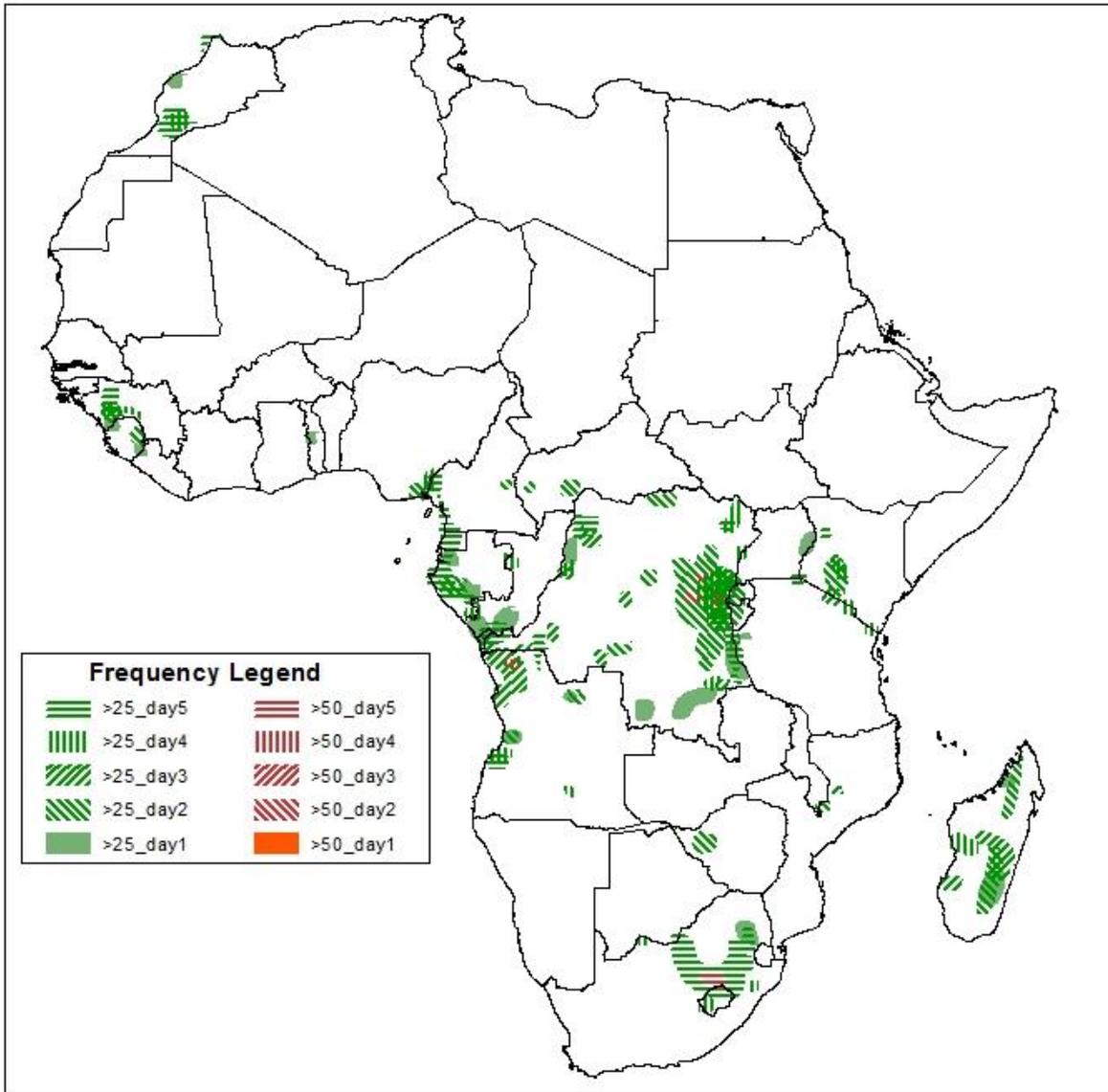
1. Rainfall, Heat Index and Dust Concentration Forecasts, (Issued on Nov 01, 2016)

1.1. Daily Rainfall and Maximum Heat Index Forecasts (valid: Nov 02– Nov 06 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 02 - Nov 06, 2016

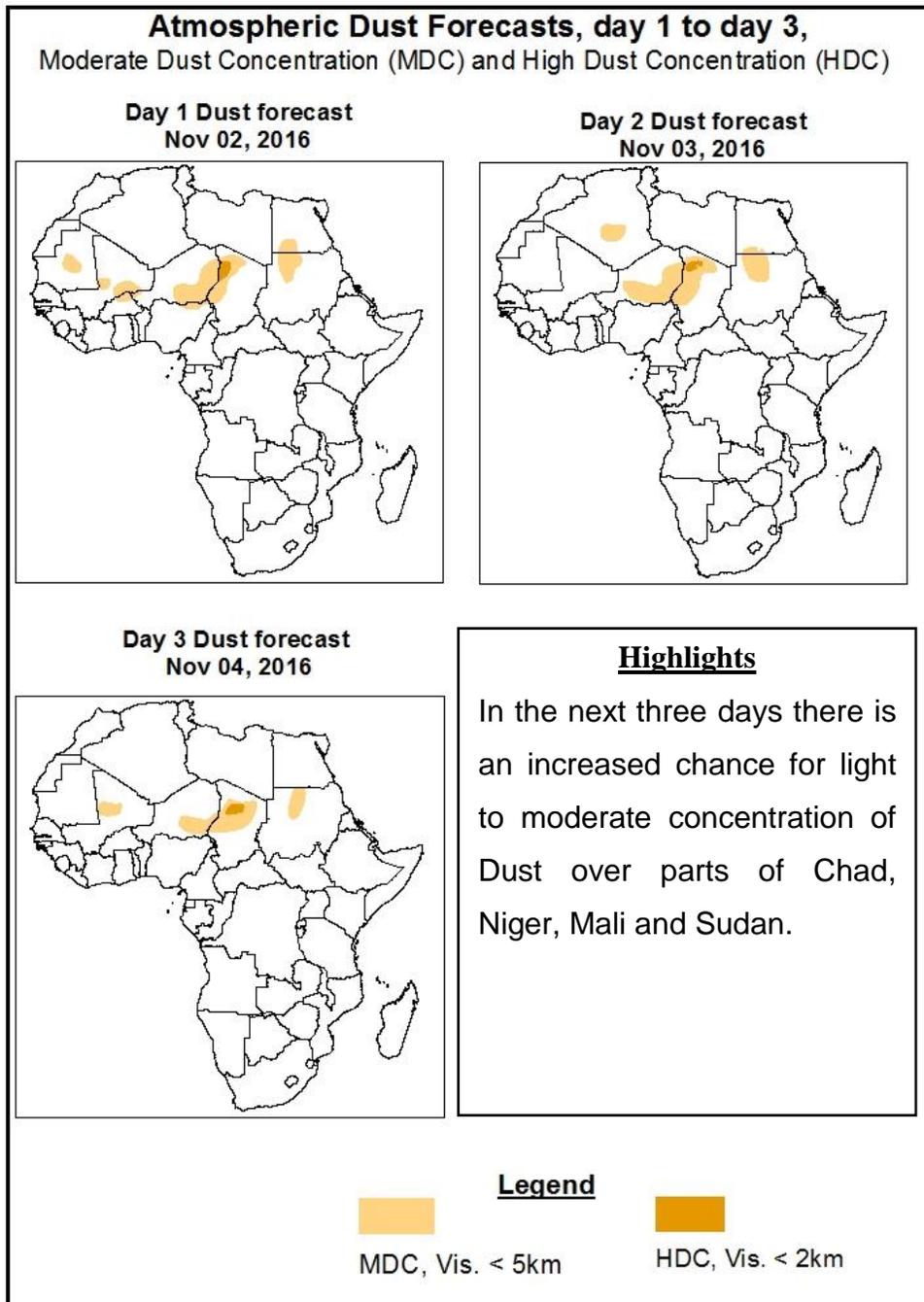


Highlights

In the next five days, lower level wind convergences across Central African Countries, DRC, Angola, Zambia and the Greater Horn of 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, Equatorial Guinea, Sierra Leone, Guinea, DRC, Angola, Rwanda, Burundi, Kenya, South Africa and Madagascar.

1.2. Atmospheric Dust Concentration Forecasts (valid: Nov 02– Nov 04, 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 02–Nov 06, 2016

The Subtropical High Pressure system over the Libya is expected to weaken, with its value of the central pressure decreasing from 1032hPa to 1022hPa 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 1027hPa to 1032hPa in the next 96 hours, the system is expected to weaken to 1028hPa during the remaining 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 1027hPa to 1033hPa during the next 72 hours, the system is expected to weaken to 1031hPa during the remaining forecast period.

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

At 850hPa level, lower level wind convergences are expected to prevail in Central African countries, DRC and the Greater Horn of Africa.

In the next five days, lower level wind convergences across Central African Countries, DRC, Angola, Zambia and the Greater Horn of 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, Equatorial Guinea, Sierra Leone, Guinea, DRC, Angola, Rwanda, Burundi, Kenya, South Africa and Madagascar.

2.0. Previous and Current Day Weather over Africa

2.1. Weather assessment for the previous day (Oct 31, 2016)

Moderate to locally heavy rainfall was observed over portion of Equatorial Guinea, Cameroon, Gabon, Nigeria, DRC and Madagascar.

2.2. Weather assessment for the current day (Nov 01, 2016)

Intense convective clouds are observed over portions of Nigeria, Cameroon, Equatorial Guinea, Congo, DRC, CAR, Angola, Uganda, Botswana, South Africa and Madagascar.

