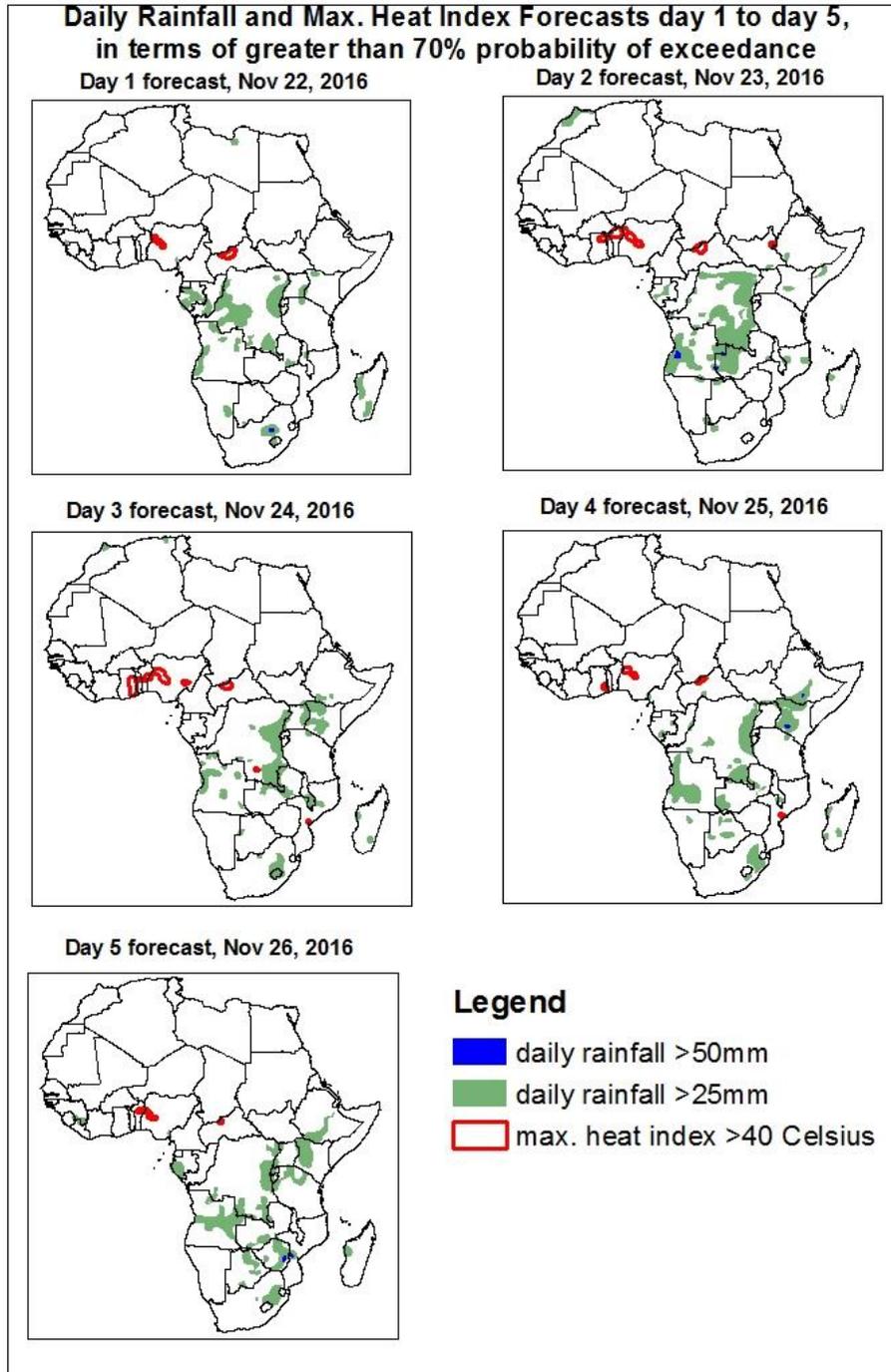


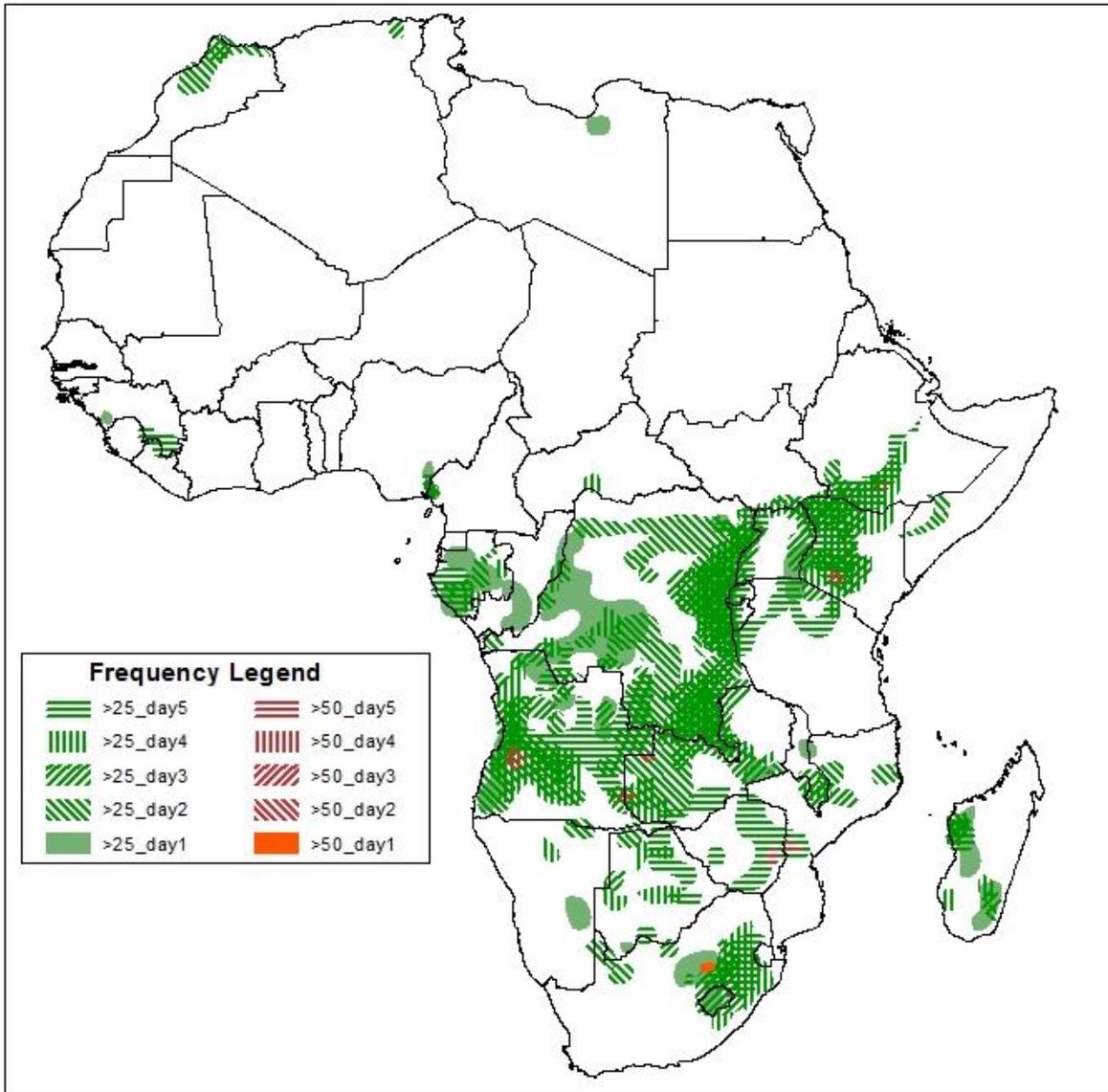
1. Rainfall, Heat Index and Dust Concentration Forecasts, (Issued on Nov 21, 2016)

1.1. Daily Rainfall and Maximum Heat Index Forecasts (valid: Nov 22– Nov 26, 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 22 - Nov 26, 2016

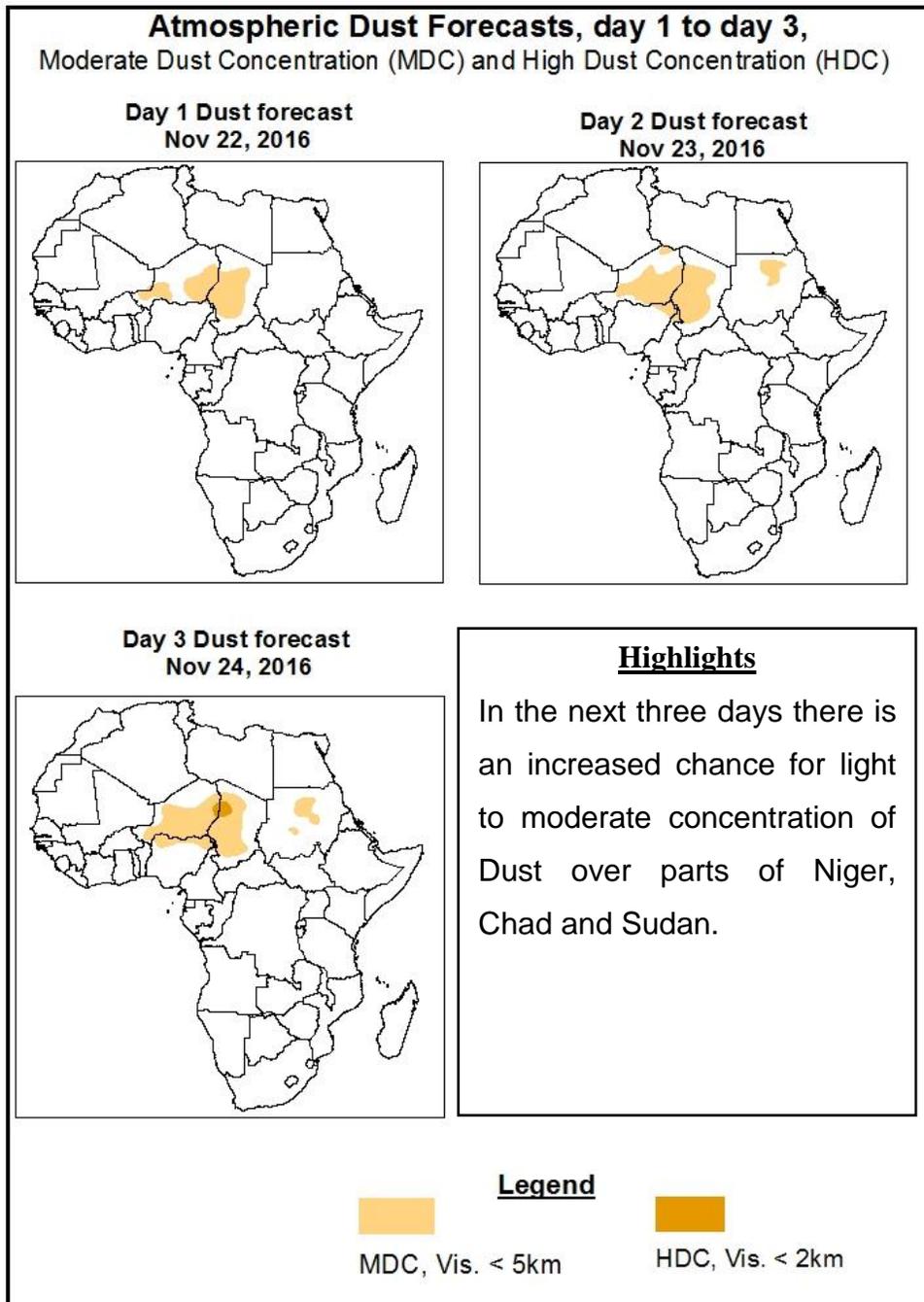


Highlights

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

1.2. Atmospheric Dust Concentration Forecasts (valid: Nov 22– Nov 24, 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 22–Nov 26, 2016

The Azores High Pressure system over the North Atlantic Ocean is expected to weaken, with its value of the central pressure decreasing from 1031hPa to 1022hPa in the next 96 hours, the system is expected to intensify to 1026hPa 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 1021hPa to 1020hPa in the next 48 hours, intensifies to 1022hPa in the next 96 hours, and weakens to 1021hPa 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 increasing from 1028hPa to 1025hPa during the forecast period.

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

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

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

2.0. Previous and Current Day Weather over Africa

2.1. Weather assessment for the previous day (Nov 20, 2016)

Light to moderate rainfall was observed over portion of Cameroon, CAR, Equatorial Guinea, Gabon, Congo, DRC, Angola, Zambia, Mozambique, Kenya and Madagascar.

2.2. Weather assessment for the current day (Nov 21, 2016)

Intense convective clouds are observed over portions of Cote D'Ivoire, Ghana, Togo, Benin, Nigeria, Cameroon, CAR, Gabon, Congo, DRC, Angola, Botswana, Zimbabwe, South Africa and Madagascar.

