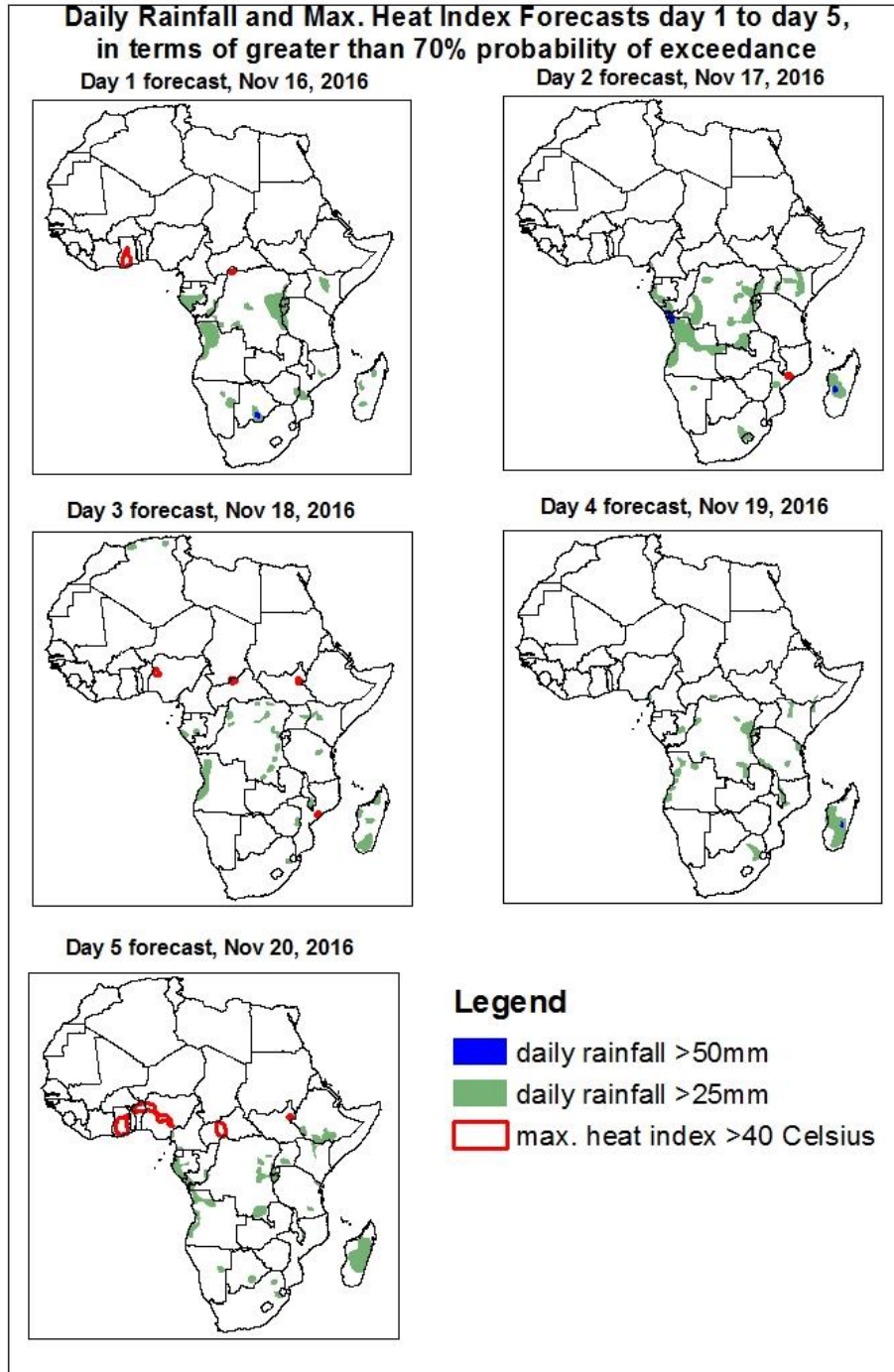


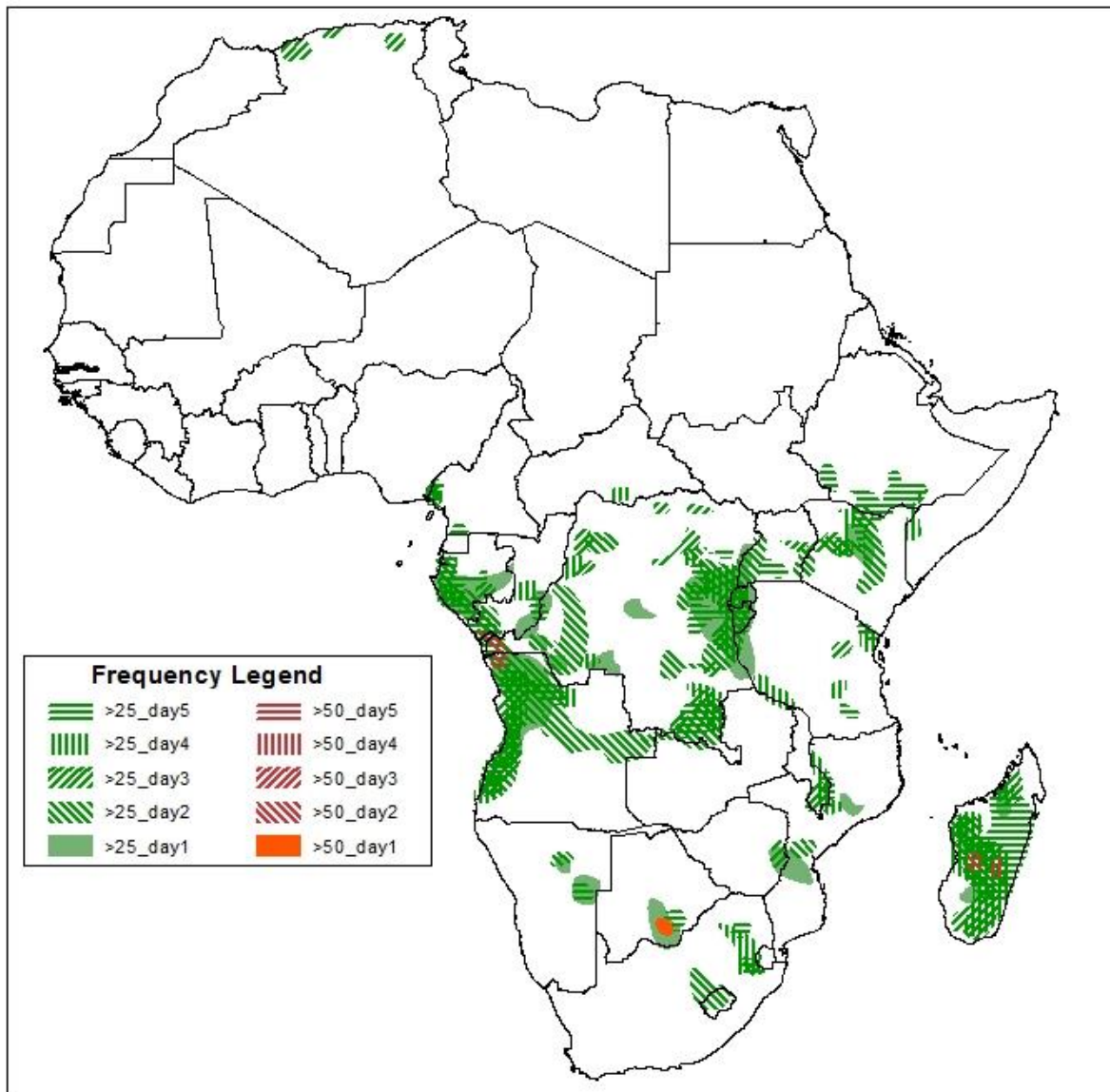
1. Rainfall, Heat Index and Dust Concentration Forecasts, (Issued on Nov 15, 2016)

1.1. Daily Rainfall and Maximum Heat Index Forecasts (valid: Nov 16– Nov 20, 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 16 - Nov 20, 2016

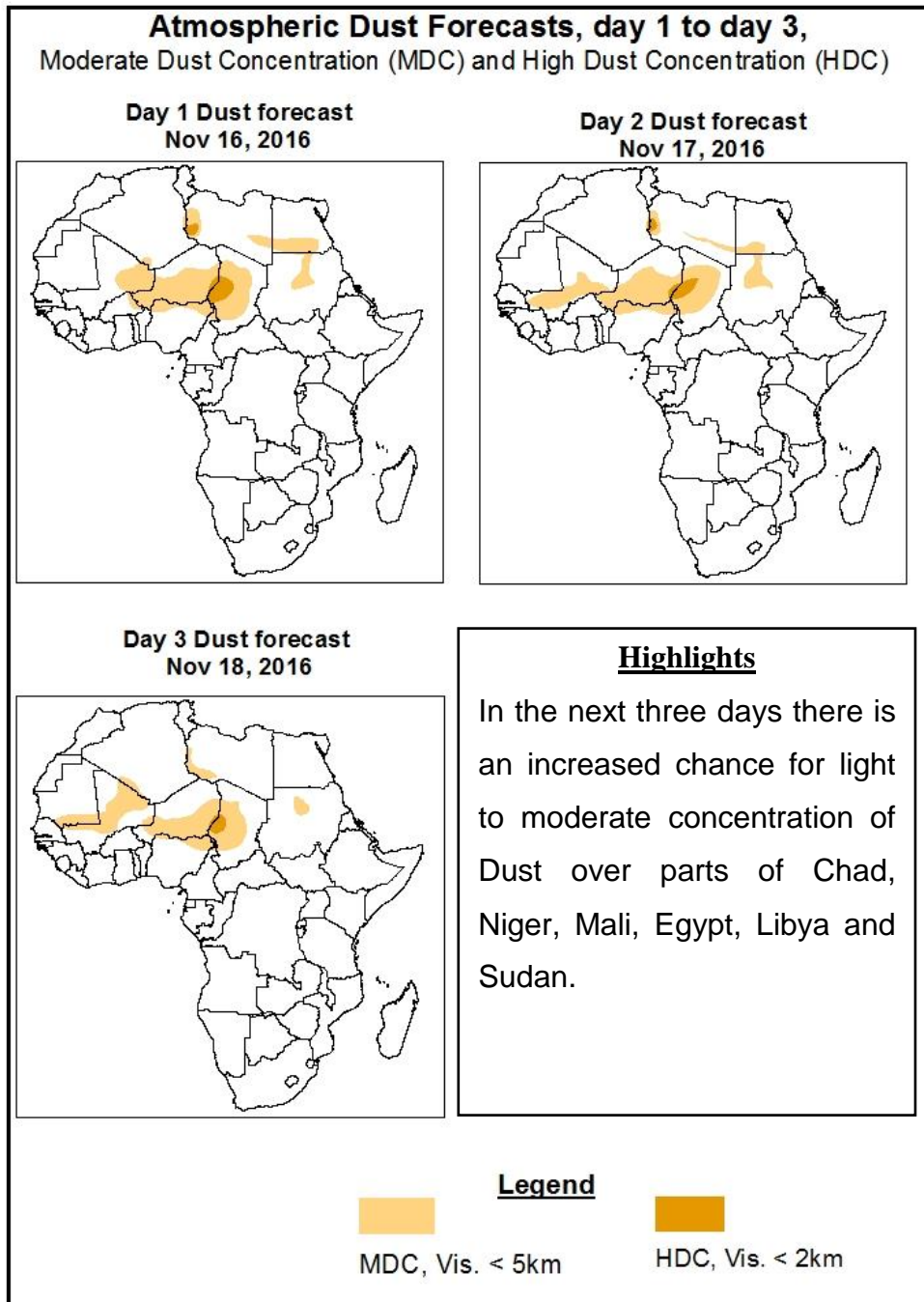


Highlights

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

1.2. Atmospheric Dust Concentration Forecasts (valid: Nov 16– Nov 20, 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 16–Nov 20, 2016

The Azores High Pressure system over the North Atlantic Ocean is expected to weaken, with its value of the central pressure decreasing from 1034hPa to 1025hPa during the forecast period.

The St. Helena High Pressure system over the Southeast of the Atlantic Ocean is expected to intensify, with its value of the central pressure increasing from 1033hPa to 1035hPa in the next 72 hours, the system is expected to weaken to 1026hPa 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 1022hPa to 1026hPa during the forecast period.

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

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

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

2.0. Previous and Current Day Weather over Africa

2.1. Weather assessment for the previous day (Nov 14, 2016)

Light to moderate rainfall was observed over portion of Congo, Botswana, Mozambique, South Africa and Madagascar.

2.2. Weather assessment for the current day (Nov 15, 2016)

Intense convective clouds are observed over portions of Cameroon, CAR, Gabon, Equatorial Guinea, Congo, DRC, Angola and Madagascar.

