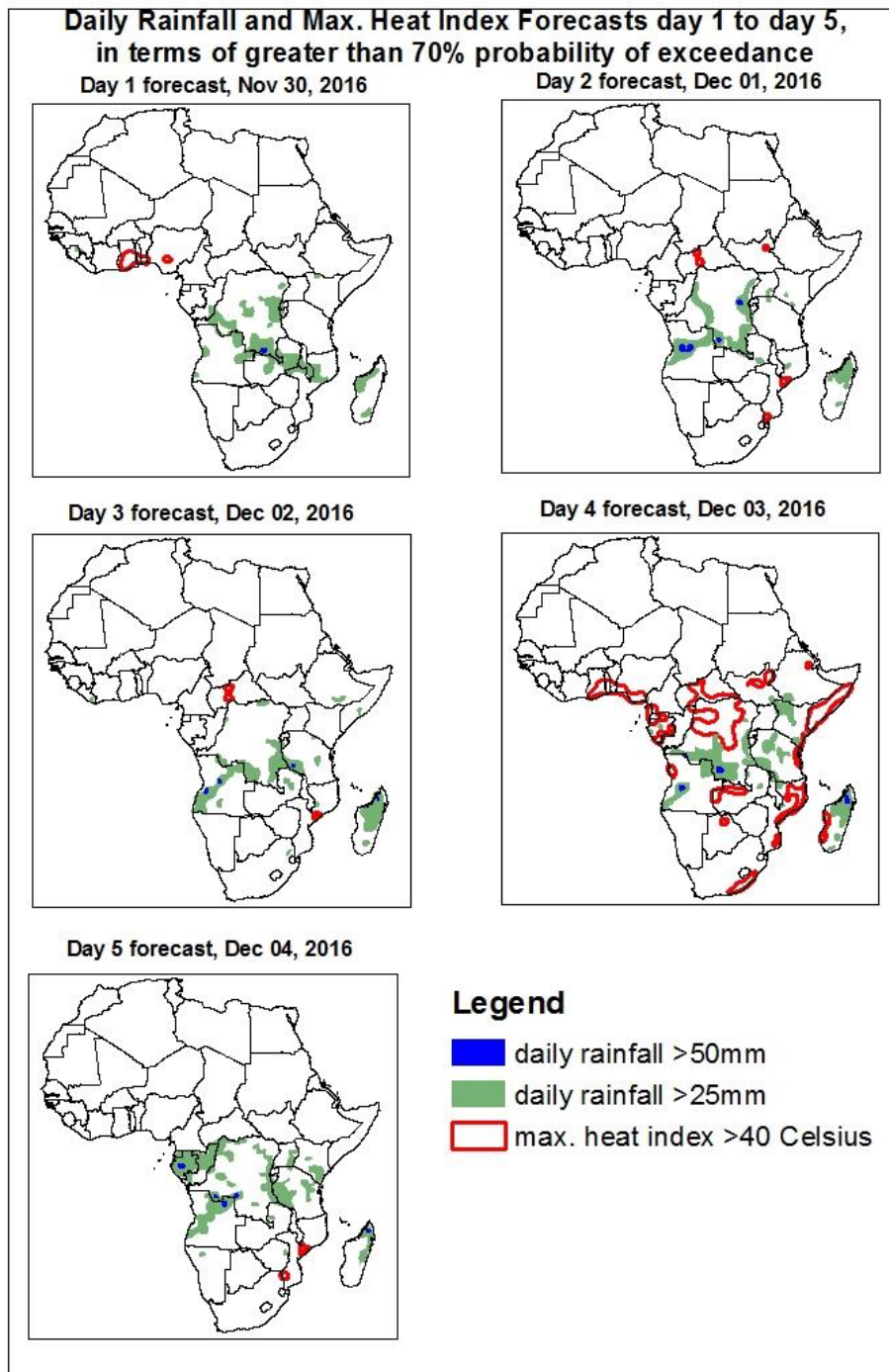


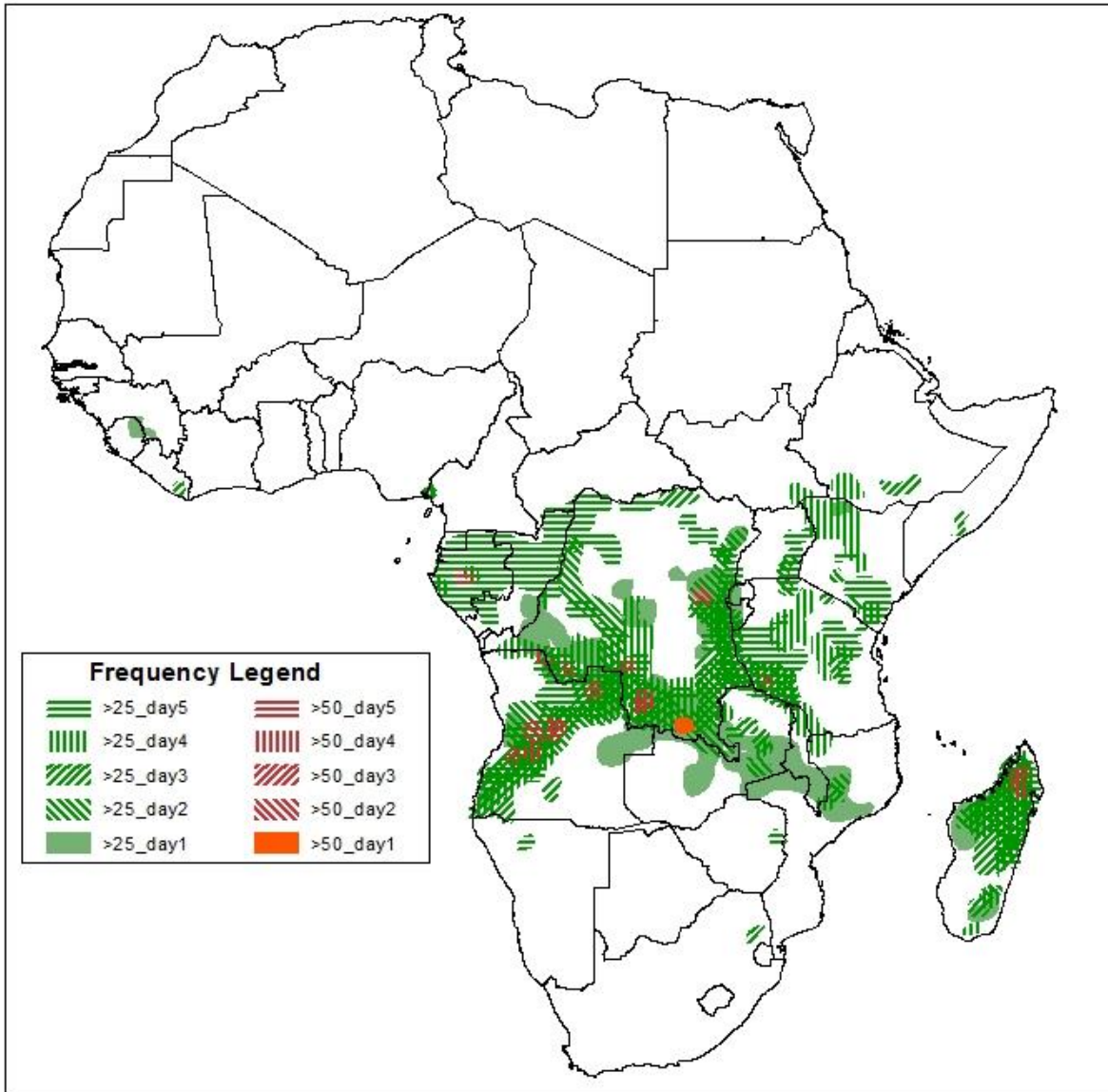
1. Rainfall, Heat Index and Dust Concentration Forecasts, (Issued on Nov 29, 2016)

1.1. Daily Rainfall and Maximum Heat Index Forecasts (valid: Nov 30– Dec 04, 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 30 - Dec 04, 2016

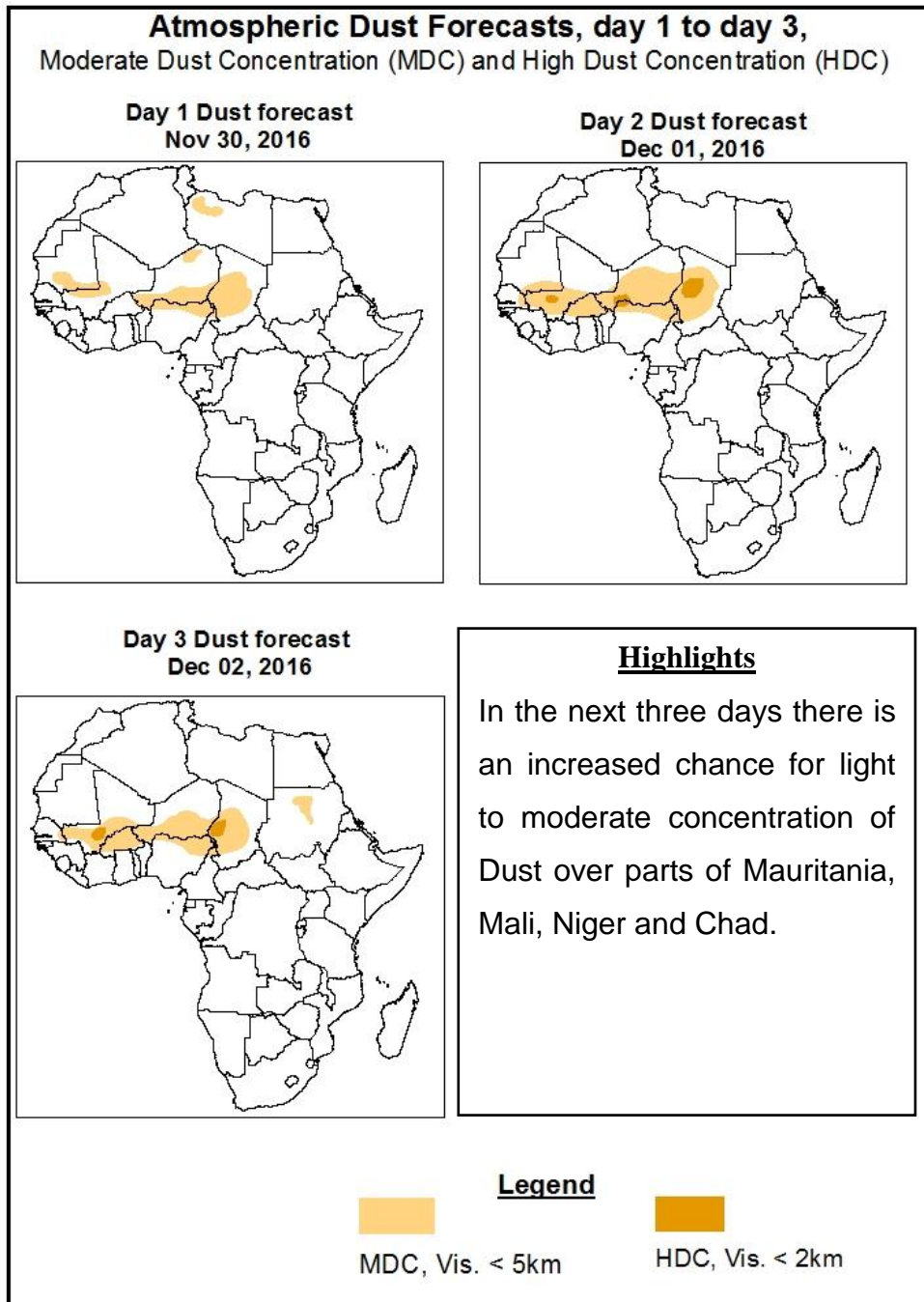


Highlights

In the next five days, lower level wind convergences in Congo-Brazzaville, Eastern DRC, Angola 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, Angola, DRC, Zambia, Kenya, Uganda, Tanzania, Mozambique and Madagascar.

1.2. Atmospheric Dust Concentration Forecasts (valid: Nov 30– Dec 02, 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 30–Dec 04, 2016

The Azores High Pressure system over the North Atlantic Ocean is expected to weaken, with its value of the central pressure decreasing from 1026hPa to 1020hPa during the 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 1024hPa to 1021hPa in the next 96 hours, intensify to 1024hPa during the remaining forecast period.

The Mascarene High Pressure system over the Southwest Indian Ocean is expected to weaken, with its value of the central pressure decreasing from 1025hPa to 1021hPa in the next 48 hours, intensify to 1022hPa during the remaining forecast period.

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

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

In the next five days, lower level wind convergences in Congo-Brazzaville, Eastern DRC, Angola 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, Angola, DRC, Zambia, Kenya, Uganda, Tanzania, Mozambique and Madagascar.

2.0. Previous and Current Day Weather over Africa

2.1. Weather assessment for the previous day (Nov 28, 2016)

Light to moderate rainfall was observed over portion of Nigeria, Cameroon, Gabon, DRC, Angola and Madagascar.

2.2. Weather assessment for the current day (Nov 29, 2016)

Intense convective clouds are observed over portions of Congo, DRC, Angola, Zambia, Malawi, Mozambique, Uganda, Tanzania and Madagascar.

