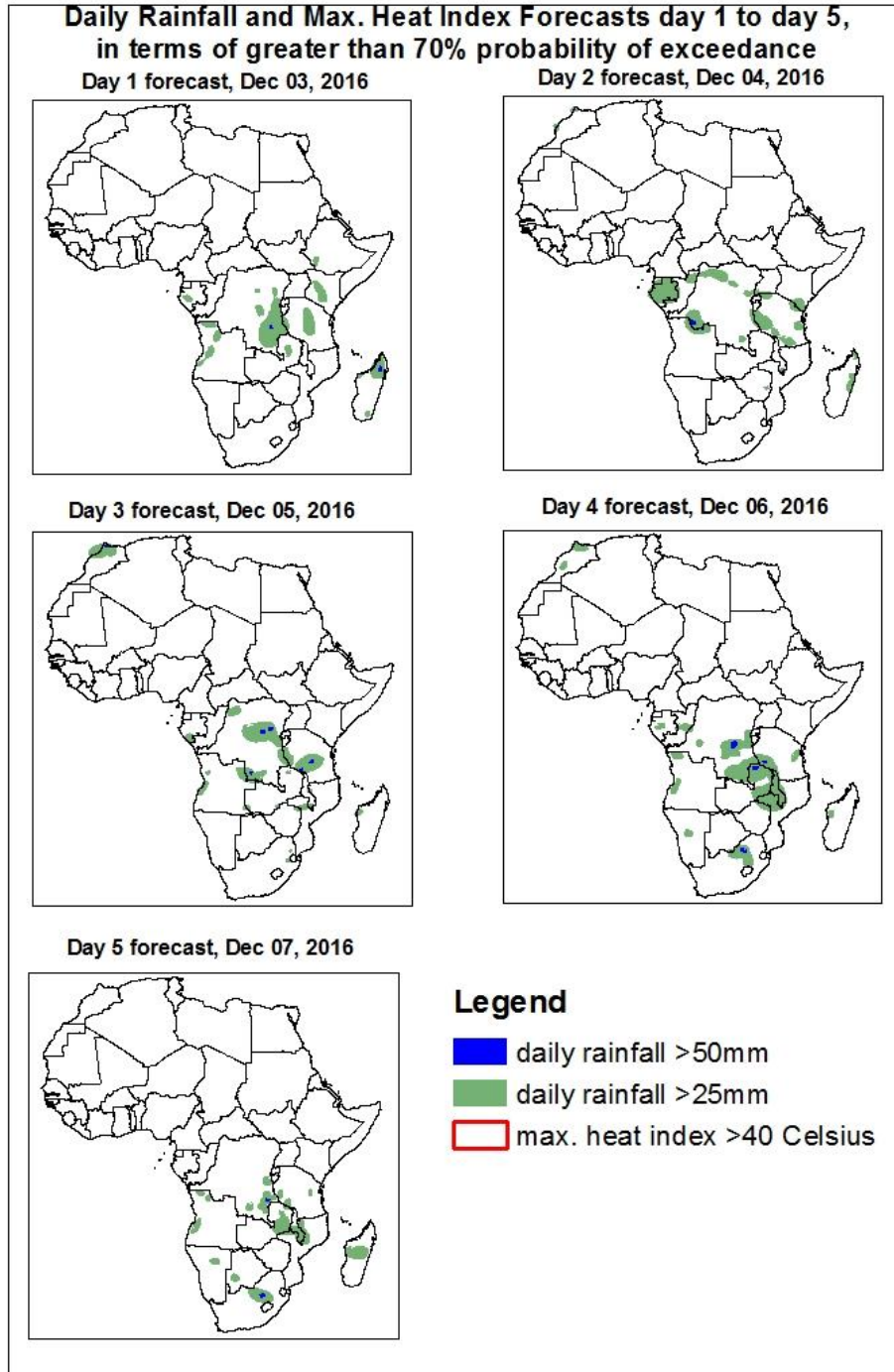


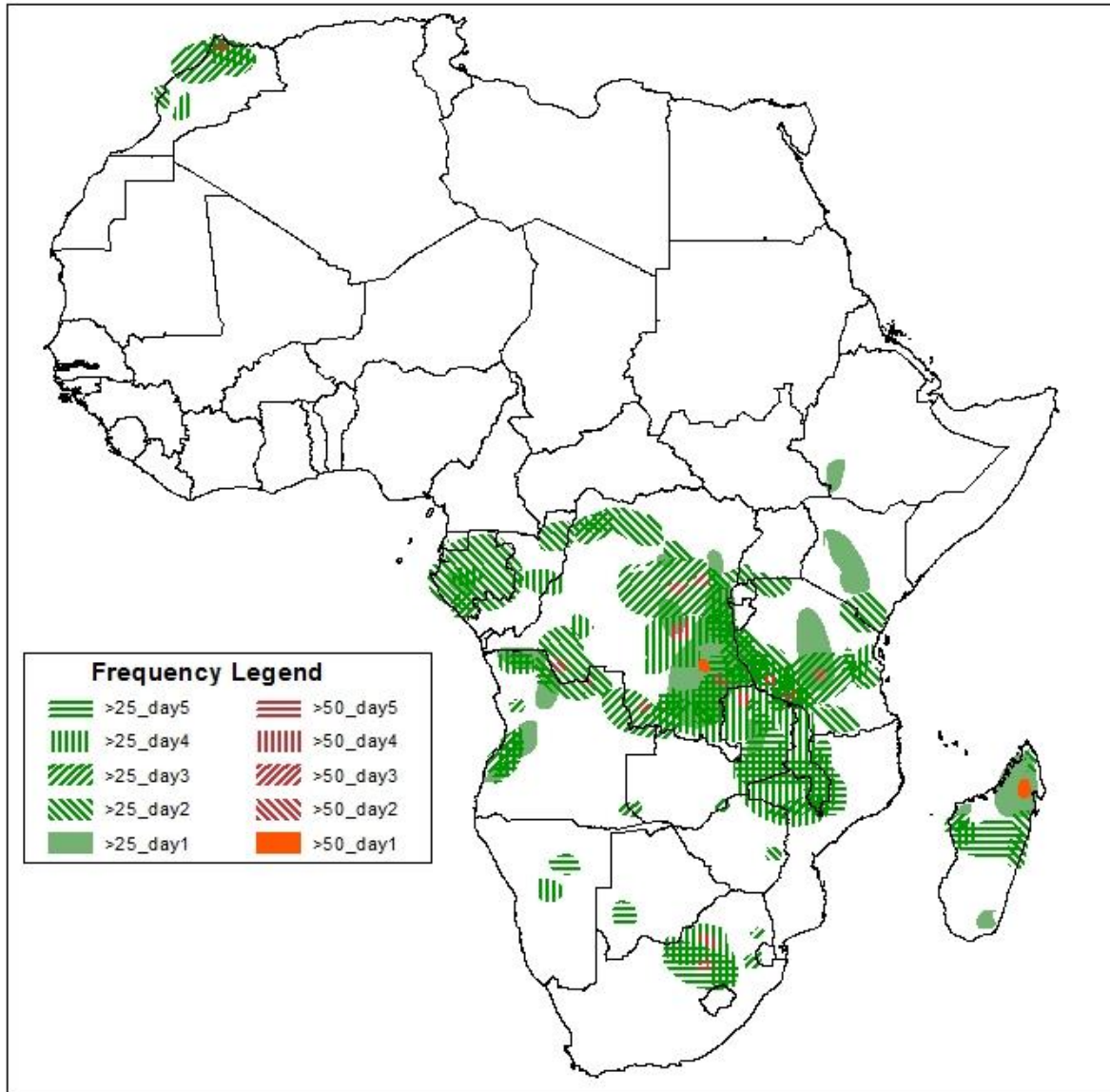
1. Rainfall, Heat Index and Dust Concentration Forecasts, (Issued on Dec 02, 2016)

1.1. Daily Rainfall and Maximum Heat Index Forecasts (valid: Dec 03– Dec 07, 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 Dec 03 - Dec 07, 2016

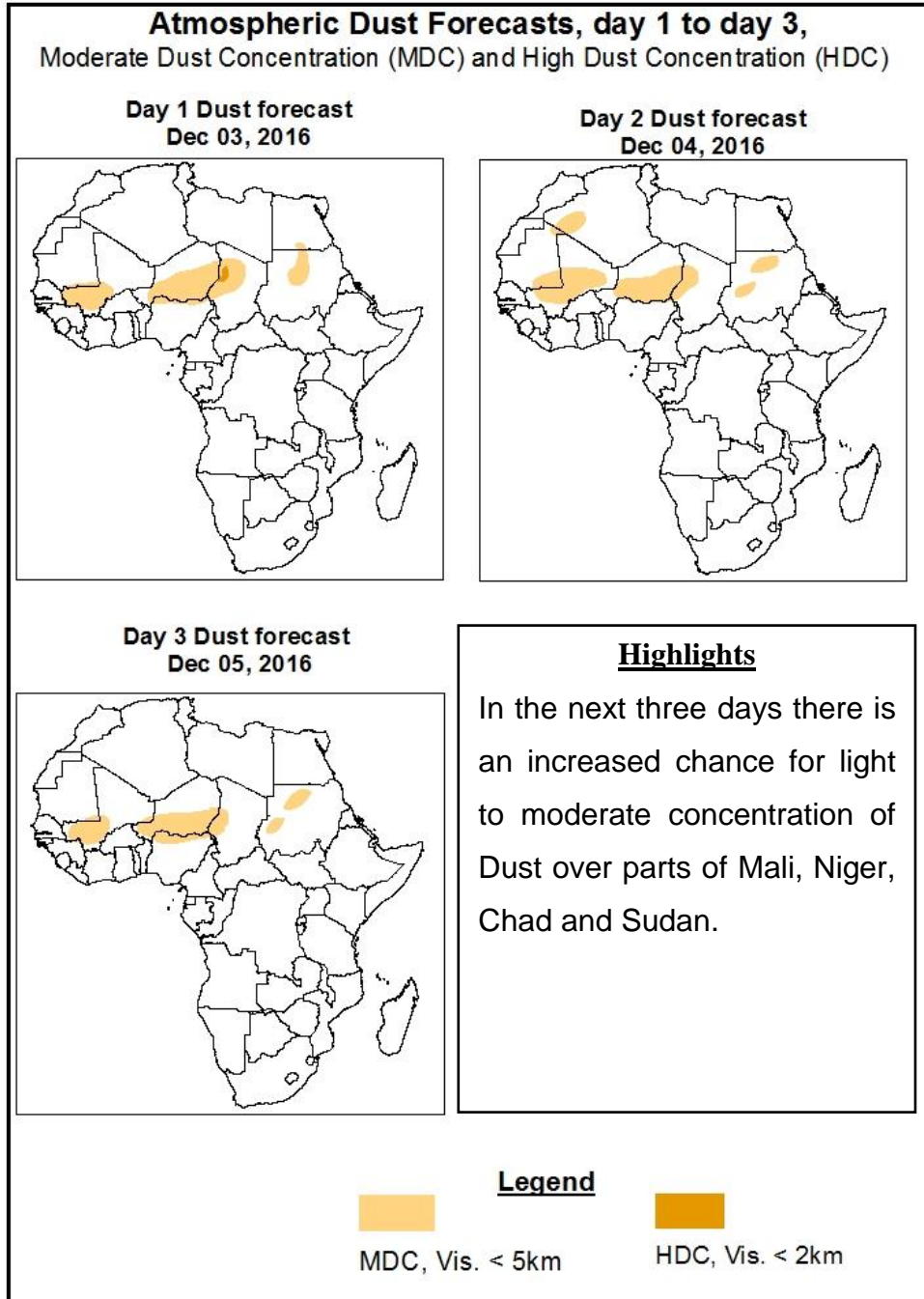


Highlights

In the next five days, lower level wind convergences in Gabon, DRC, Angola, Tanzania, Zambia and Malawi 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 portion of Morocco, Gabon, Congo, DRC, Tanzania, Malawi, Zambia and Madagascar, local area in Angola, Zambia, Botswana, Kenya, Mozambique, South Africa, Mozambique and Madagascar.

1.2. Atmospheric Dust Concentration Forecasts (valid: Dec 03– Dec 05, 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: Dec 03–Dec 07, 2016

The Sub-Tropical High Pressure system over the Libya is expected to intensify, with its value of the central pressure decreasing from 1027hPa to 1032hPa in the next 72 hours, weaken to 1031hPa in the next 96 hours, and intensify to 1037hPa during remaining 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 decreasing from 1021hPa to 1024hPa during 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 1023hPa to 1020hPa in the next 72 hours, intensify to 1025hPa during the remaining forecast period.

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

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

In the next five days, lower level wind convergences in Gabon, DRC, Angola, Tanzania, Zambia and Malawi 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 portion of Morocco, Gabon, Congo, DRC, Tanzania, Malawi, Zambia and Madagascar, local area in Angola, Zambia, Botswana, Kenya, Mozambique, South Africa, Mozambique and Madagascar.

2.0. Previous and Current Day Weather over Africa

2.1. Weather assessment for the previous day (Dec 01, 2016)

Light to moderate rainfall was observed over portion of Cameroon, Gabon, CAR, DRC, Angola, Ethiopia and Somalia.

2.2. Weather assessment for the current day (Dec 02, 2016)

Intense convective clouds are observed over portions of Ghana, Cameroon, CAR, South Sudan, Congo, Gabon, DRC, Angola, Zambia, Tanzania, Botswana, Zimbabwe, Mozambique and Madagascar.

