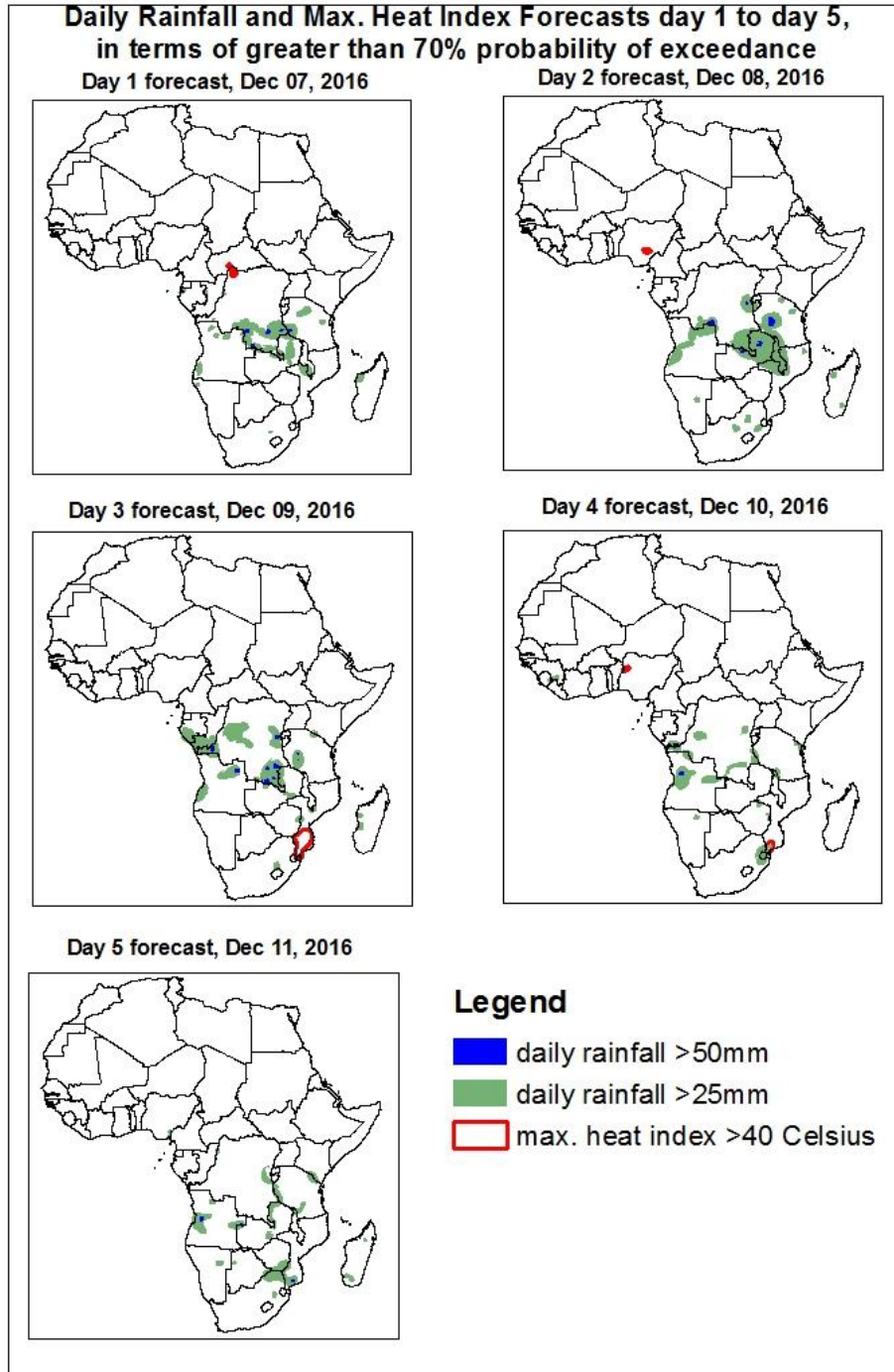


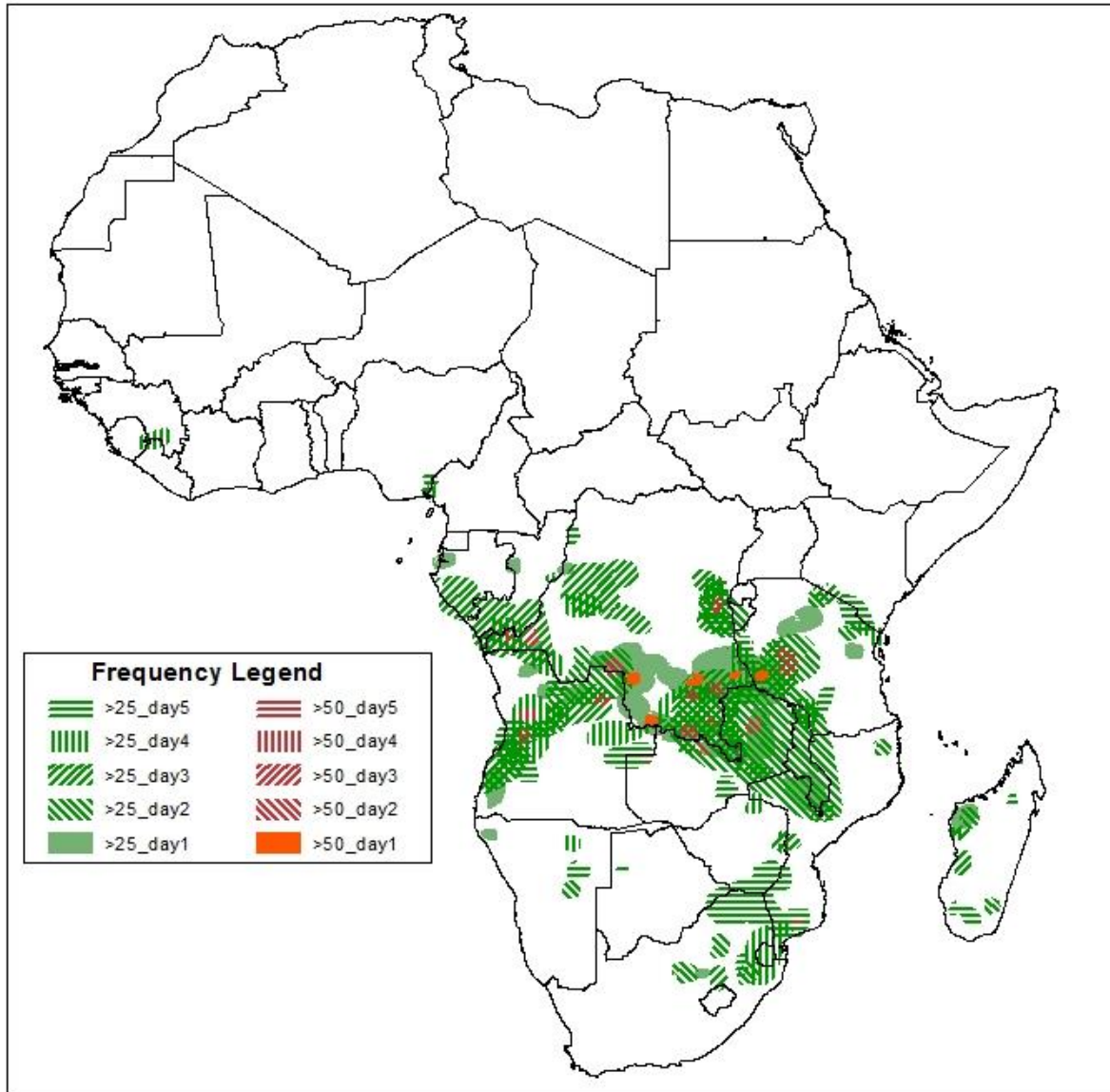
1. Rainfall, Heat Index and Dust Concentration Forecasts, (Issued on Dec 06, 2016)

1.1. Daily Rainfall and Maximum Heat Index Forecasts (valid: Dec 07– Dec 11, 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 07 - Dec 11, 2016

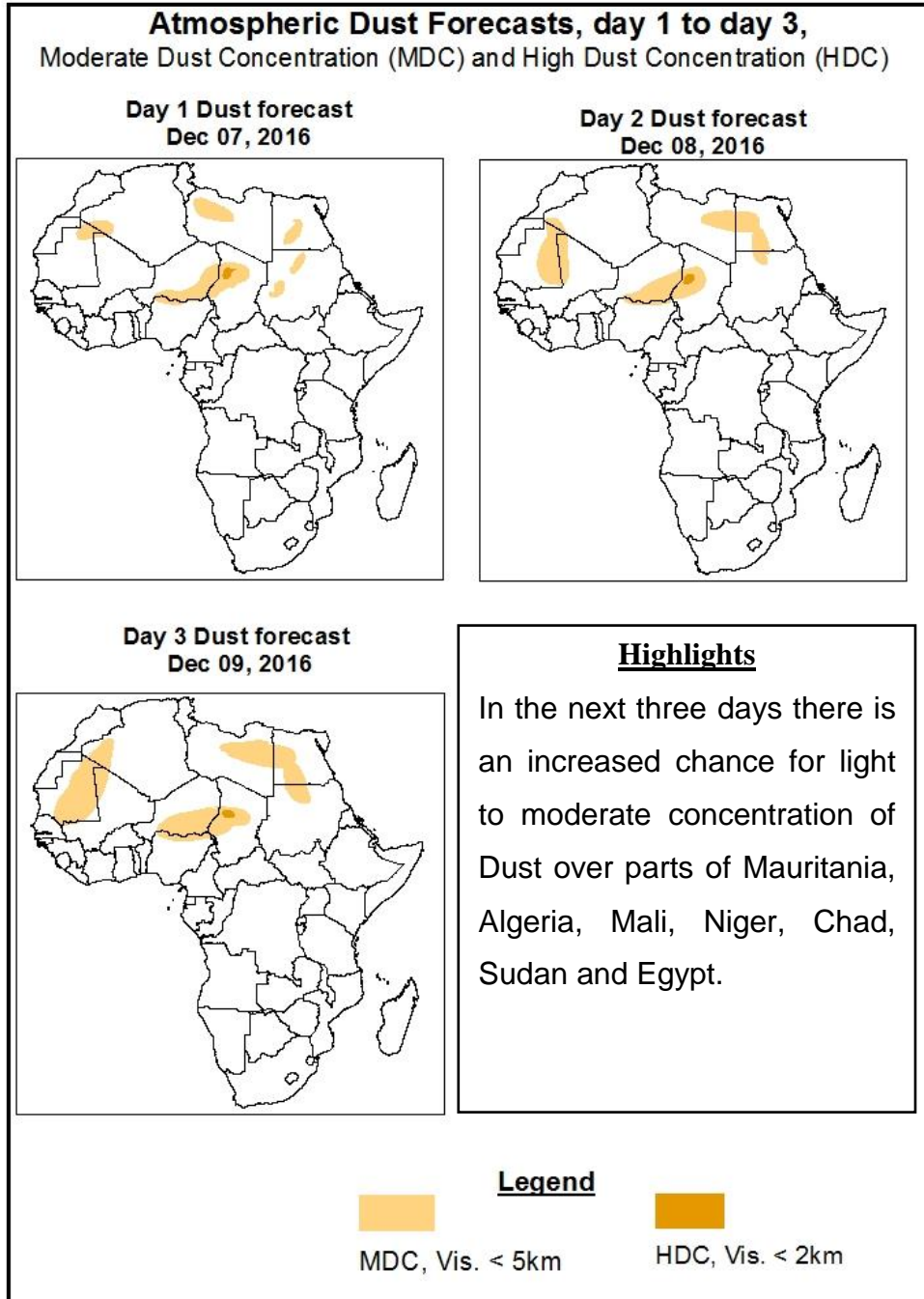


Highlights

In the next five days, lower level wind convergences across the Northern parts of the Southern Africa countries 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 Congo, DRC, Angola, Zambia, Tanzania and Malawi.

1.2. Atmospheric Dust Concentration Forecasts (valid: Dec 07– Dec 09, 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 07–Dec 11, 2016

The Sub-Tropical High Pressure system over the Libya is expected to intensify, with its value of the central pressure increasing from 1032hPa to 1034hPa in the next 72 hours, weakening to 1027hPa 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 increasing from 1019hPa to 1021hPa during forecast period.

The Mascarene High Pressure system over the Southwest Indian Ocean is expected to intensify, with its value of the central pressure increasing from 1023hPa to 1029hPa during the forecast period.

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

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

In the next five days, lower level wind convergences across the Northern parts of the Southern Africa countries 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 Congo, DRC, Angola, Zambia, Tanzania and Malawi.

2.0. Previous and Current Day Weather over Africa

2.1. Weather assessment for the previous day (Dec 05, 2016)

Light to moderate rainfall was observed over portion of Morocco, Congo, DRC, South Africa and Lesotho.

2.2. Weather assessment for the current day (Dec 06, 2016)

Intense convective clouds are observed over portions of CAR, DRC, Angola, Zambia, Botswana, Zimbabwe, South Africa, Malawi, Mozambique, Tanzania and Madagascar.

