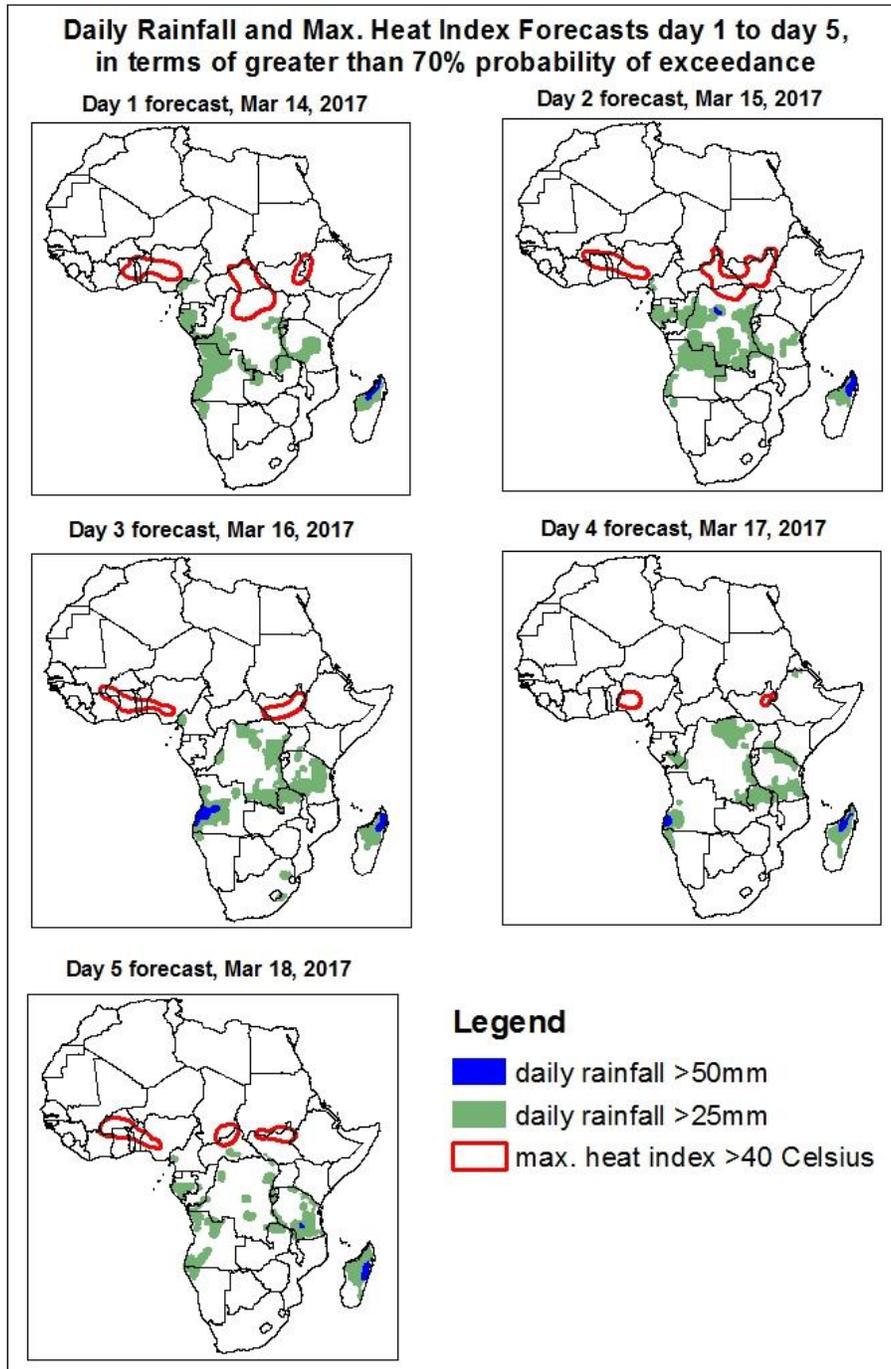


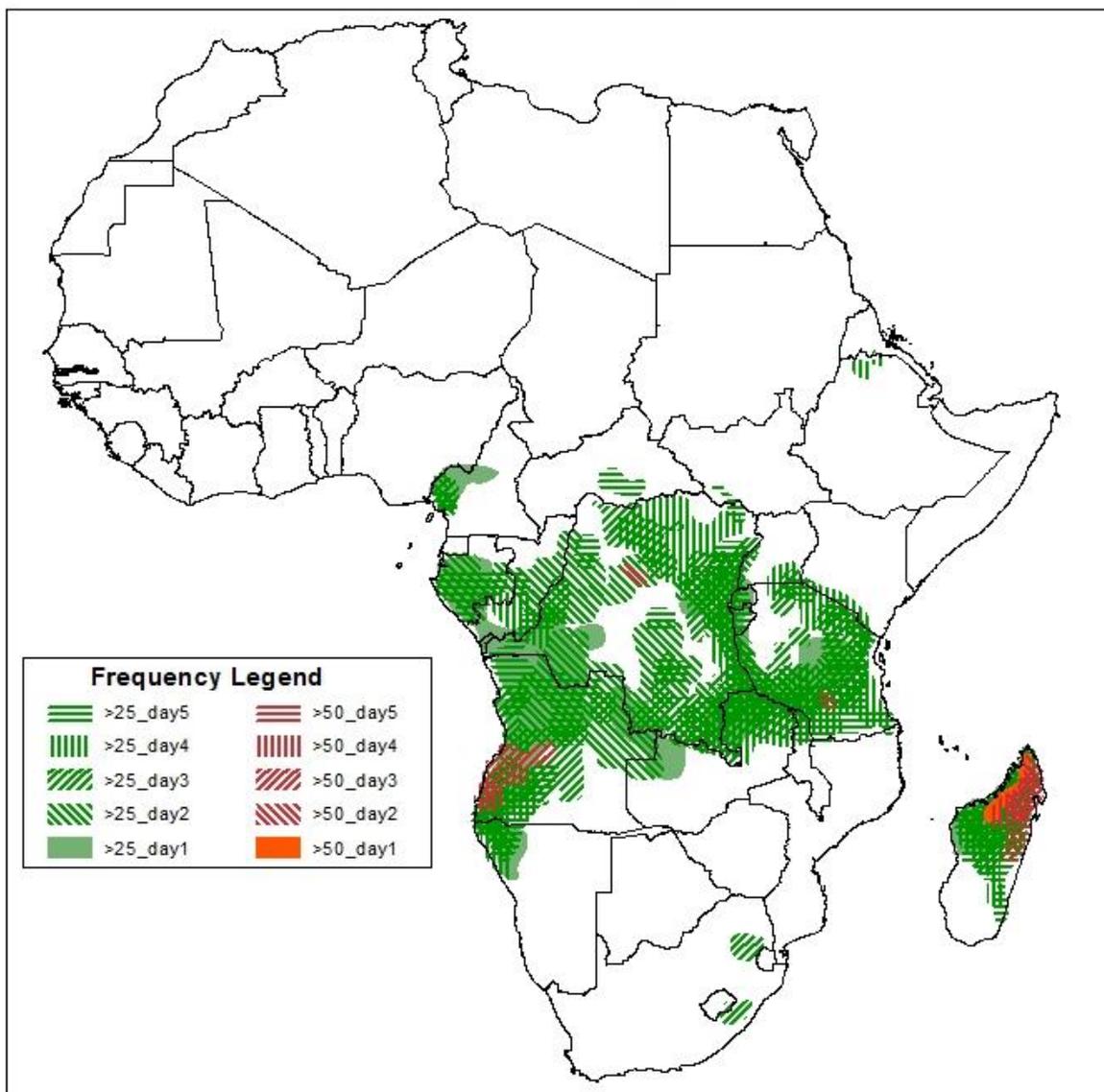
1. Rainfall, Heat Index and Dust Concentration Forecasts, (Issued on Mar 13, 2017)

1.1. Daily Rainfall and Maximum Heat Index Forecasts (valid: Mar 14 – 18, 2017)

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 Mar 14 - 18, 2017

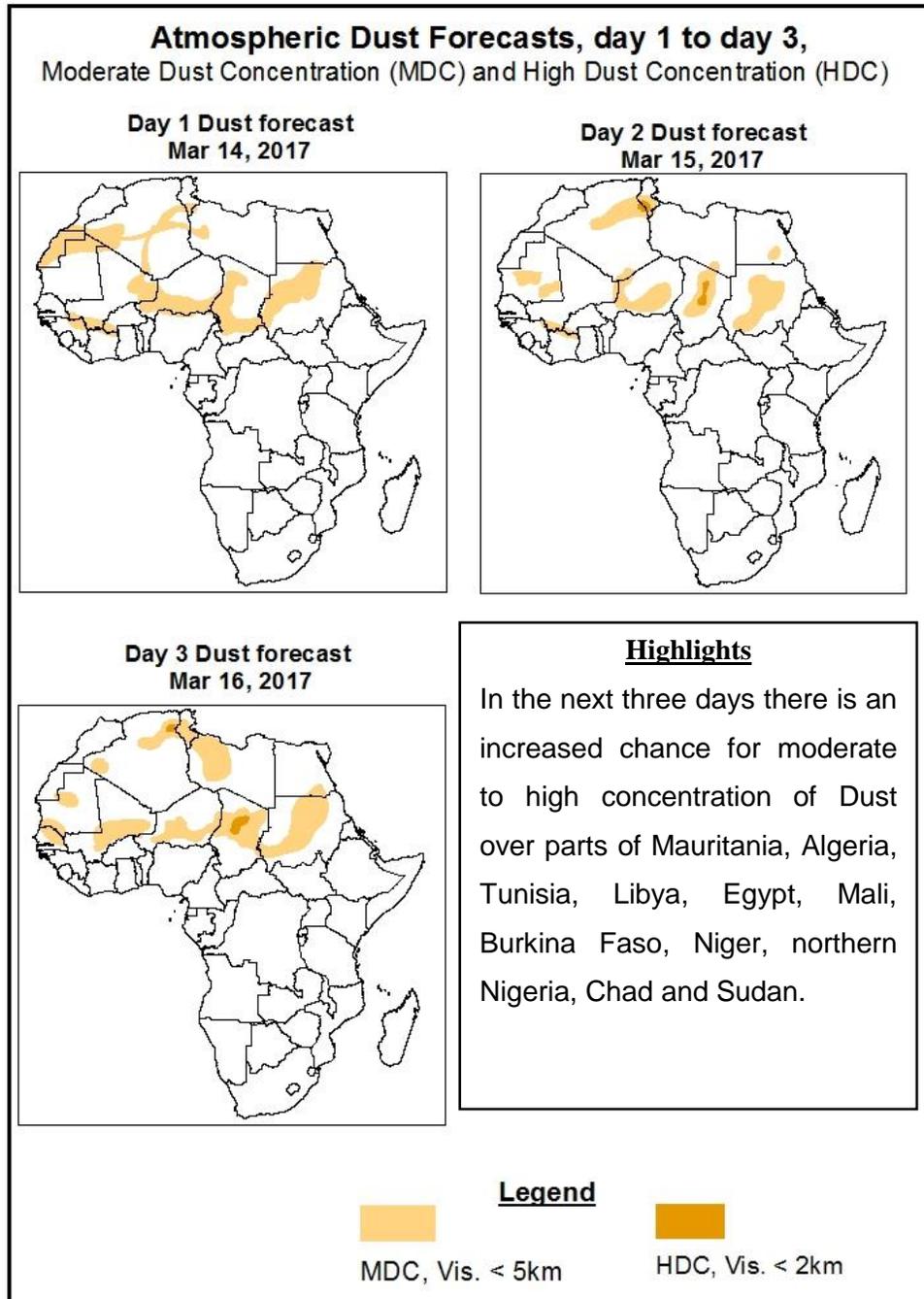


Highlights

In the next five days, lower level wind convergences across the Central and South African countries are expected to enhance rainfall in their respective regions. Therefore, there is an increased chance for two or more days of moderate to heavy rainfall over portions of Gabon, DRC, Burundi, Rwanda, Tanzania, Angola and Madagascar local areas of Cameroon, Congo, Zambia, Malawi, Namibia and Mozambique.

1.2. Atmospheric Dust Concentration Forecasts (valid: Mar 14 – 16, 2017)

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: Mar 14 – 18, 2017

The Azores High Pressure system over the North Atlantic Ocean is expected to weaken with its value of the central pressure decreasing from 1037hPa to 1036hPa in the next 48 hours, intensity to 1037hPa in the next 72 hours and weaken to 1031hPa during the 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 1022hPa to 1028h during the 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 1028hPa to 1034hPa in the next 96 hours, weaken to 1033hPa during the remaining forecast period.

At 925hPa, strong dry Northeasterly to Easterly winds may lead from light to moderate dust concentration over parts of Western Sahara, Senegal, Mauritania, Algeria, Tunisia, Libya, Egypt, Mali, Burkina Faso, Niger, northern Nigeria, Chad and Sudan.

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

In the next five days, lower level wind convergences across the Central and South African countries are expected to enhance rainfall in their respective regions. Therefore, there is an increased chance for two or more days of moderate to heavy rainfall over portions of Gabon, DRC, Burundi, Rwanda, Tanzania, Angola and Madagascar local areas of Cameroon, Congo, Zambia, Malawi, Namibia and Mozambique.

2.0. Previous and Current Day Weather over Africa

2.1. Weather assessment for the previous day (Mar 12, 2017)

Light to moderate rainfall was observed over portions of Morocco, Cote d'Ivoire, Cameroon, Congo, DRC, Tanzania, Angola, Zambia and Madagascar.

2.2. Weather assessment for the current day (Mar 13, 2017)

Intense convective clouds are observed over portions of Ghana, Nigeria, Cameroon, Equatorial Guinea, Gabon, Congo, DRC, South Sudan, Uganda, Tanzania, Angola, Zambia, Malawi, Namibia, Botswana and Madagascar.

