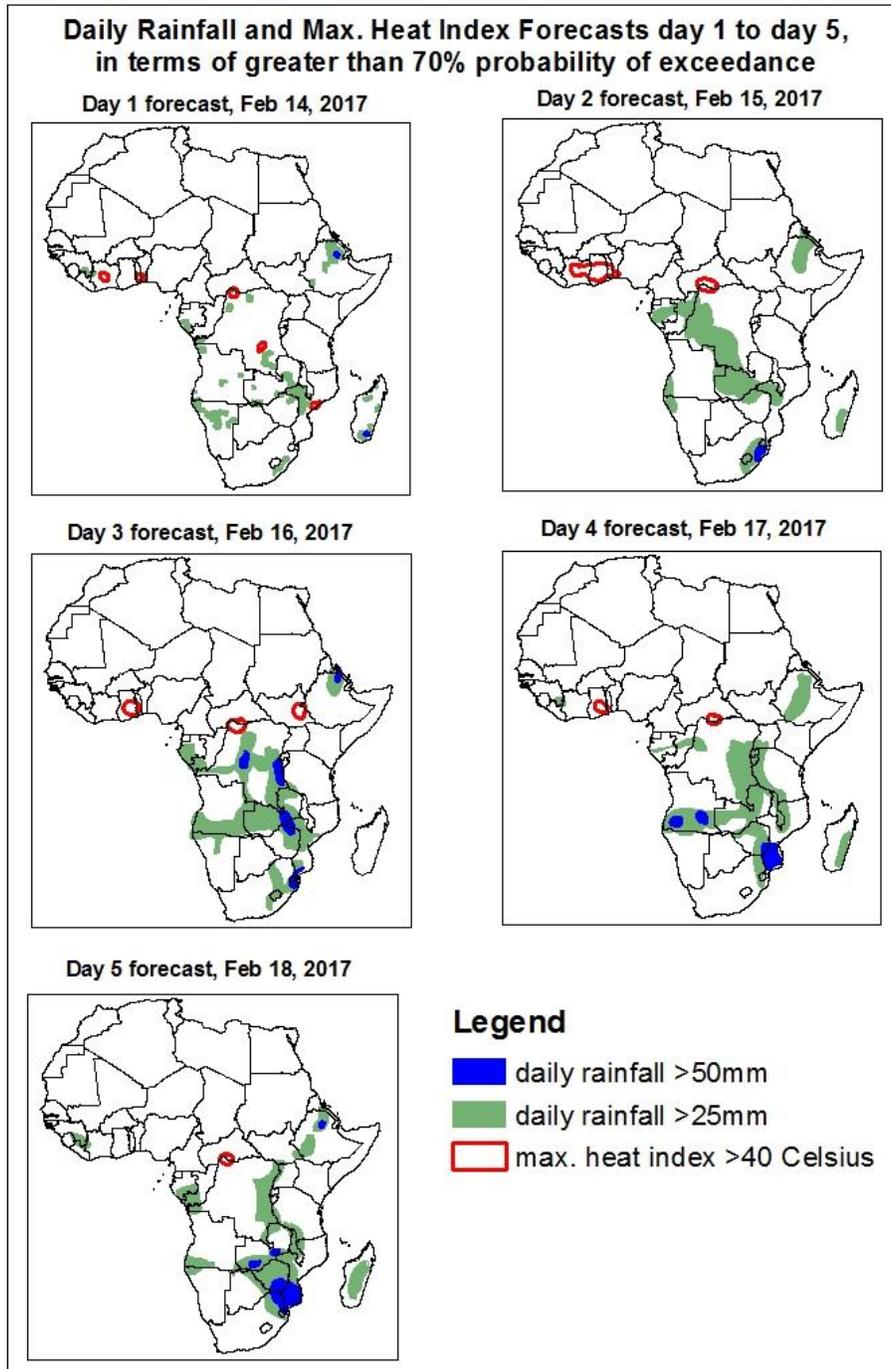


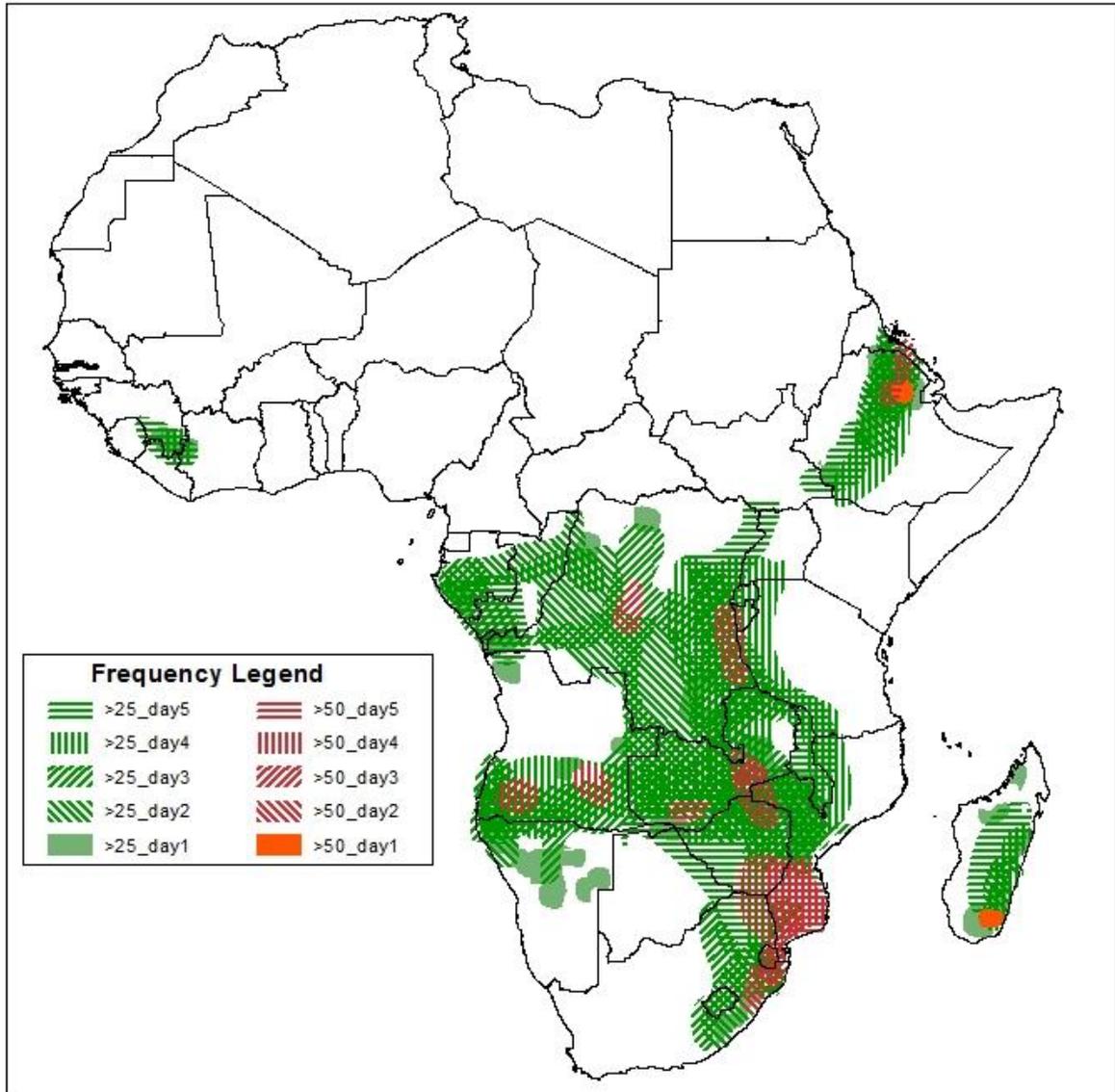
1. Rainfall, Heat Index and Dust Concentration Forecasts, (Issued on Feb 13, 2017)

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

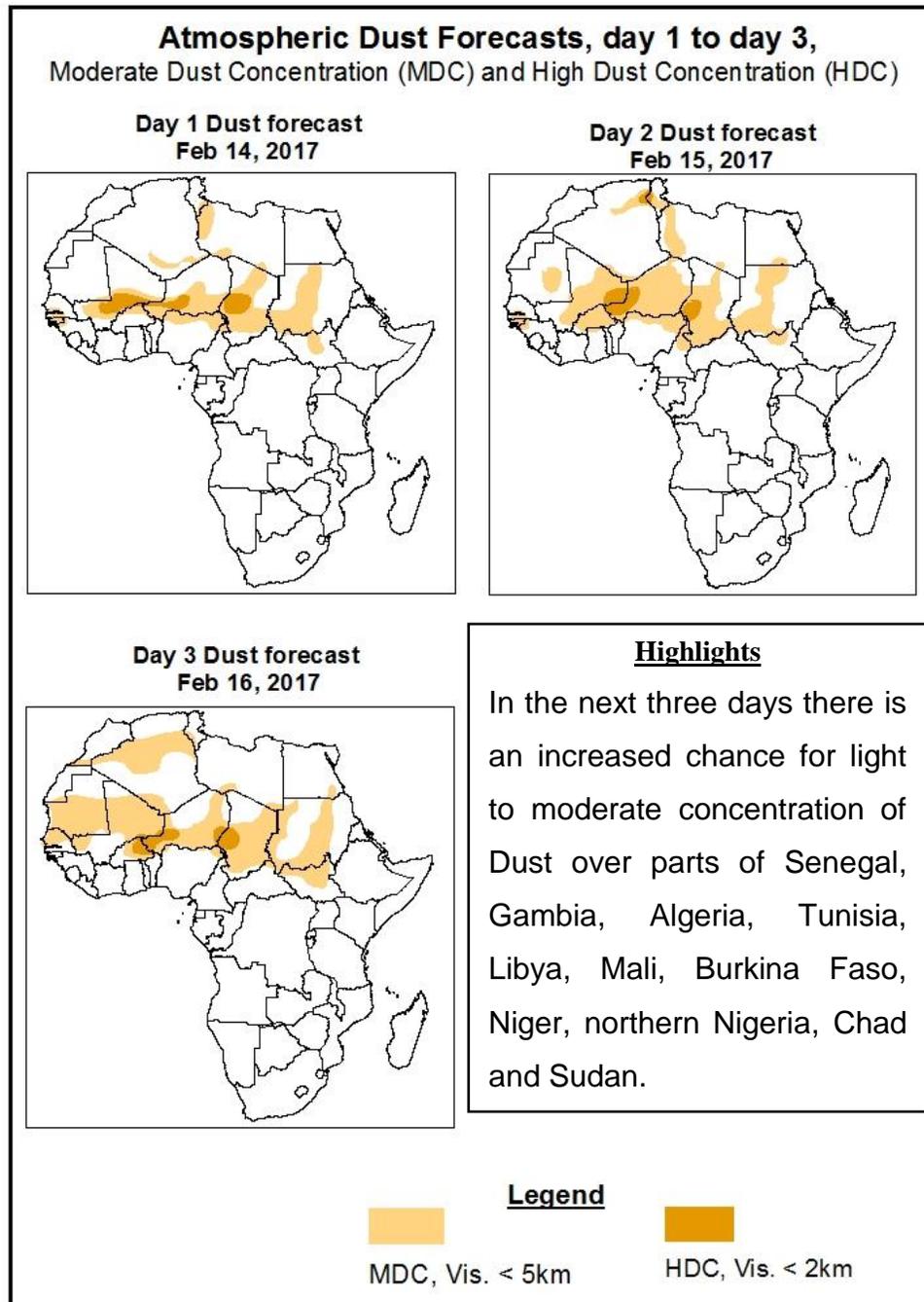


Highlights

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 light to moderate rainfall over portions of Gabon, Congo, Zambia, Malawi, Mozambique, Zimbabwe, Ethiopia and Madagascar, local areas of Cote d'Ivoire, Guinea, DRC, Tanzania, Angola, Namibia, South Africa, Lesotho and Swaziland.

1.2. Atmospheric Dust Concentration Forecasts (valid: Feb 14 – Feb 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: Feb 14 – Feb 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 1022hPa to 1020hPa in the next 48 hours and intensify to 1032hPa during the remaining 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 1029hPa to 1022hPa in the next 96 hours, intensify to 1031hPa 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 1032hPa to 1025hPa in the next 48 hours and intensify to 1037hPa during the remaining forecast period.

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

At 850hPa level, lower level wind convergences are expected to prevail over Cameroon, Congo, CAR, DRC, Angola, Zambia and Mozambique.

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 light to moderate rainfall over portions of Gabon, Congo, Zambia, Malawi, Mozambique, Zimbabwe, Ethiopia and Madagascar, local areas of Cote d'Ivoire, Guinea, DRC, Tanzania, Angola, Namibia, South Africa, Lesotho and Swaziland.

2.0. Previous and Current Day Weather over Africa

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

Light to moderate rainfall was observed over portions of Morocco, Cote d'Ivoire, DRC, Tanzania, Angola, Zambia, Malawi, Botswana, South Africa and Madagascar.

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

Intense convective clouds are observed over portions of Liberia, Cote d'Ivoire, Ghana, Togo, Benin, Ethiopia, Gabon, Congo, CAR, DRC, Uganda, Tanzania, Angola, Zambia, Malawi, Mozambique, Namibia, Botswana, Zimbabwe, South Africa, Lesotho, Swaziland and Madagascar.

