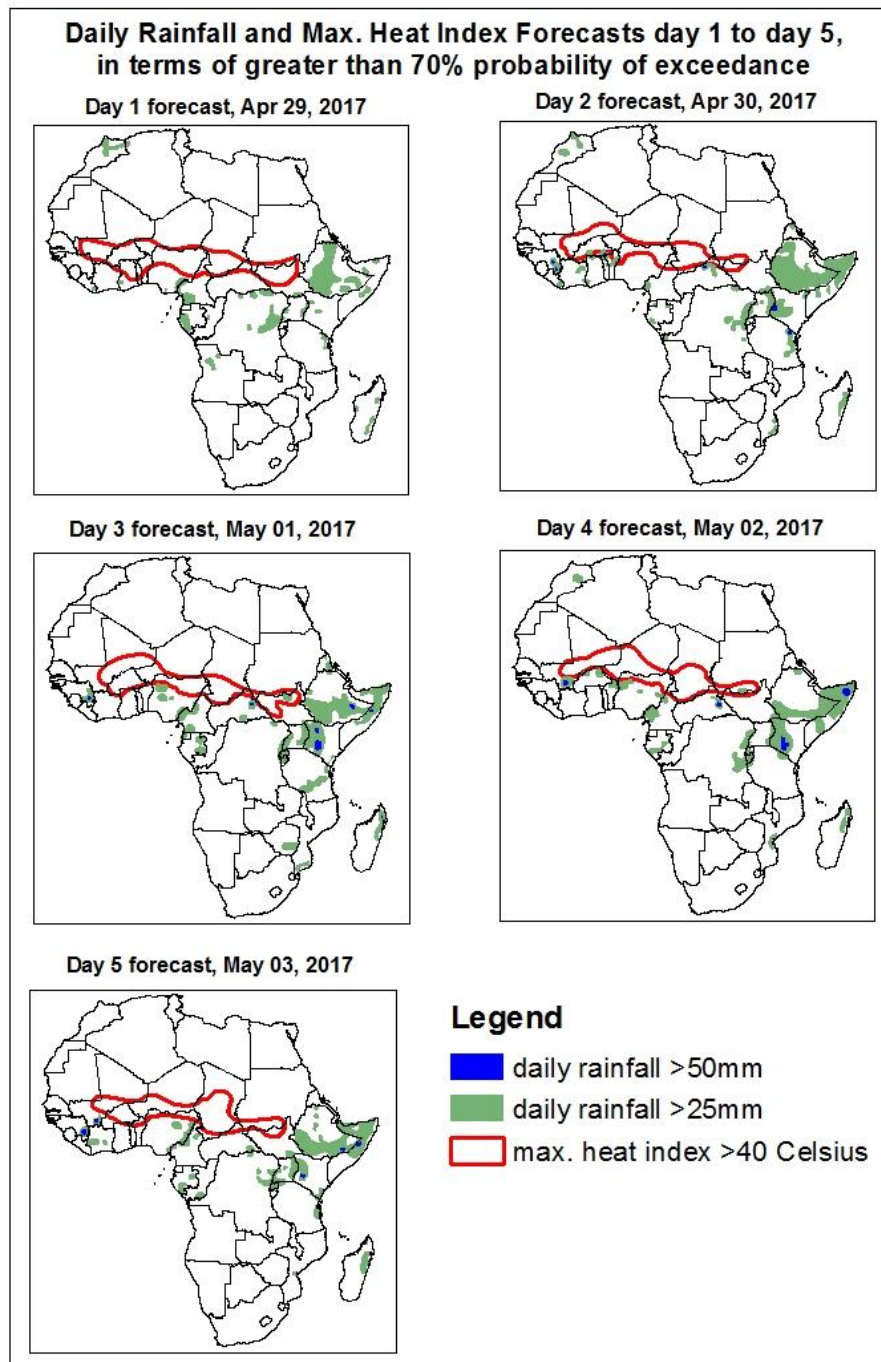


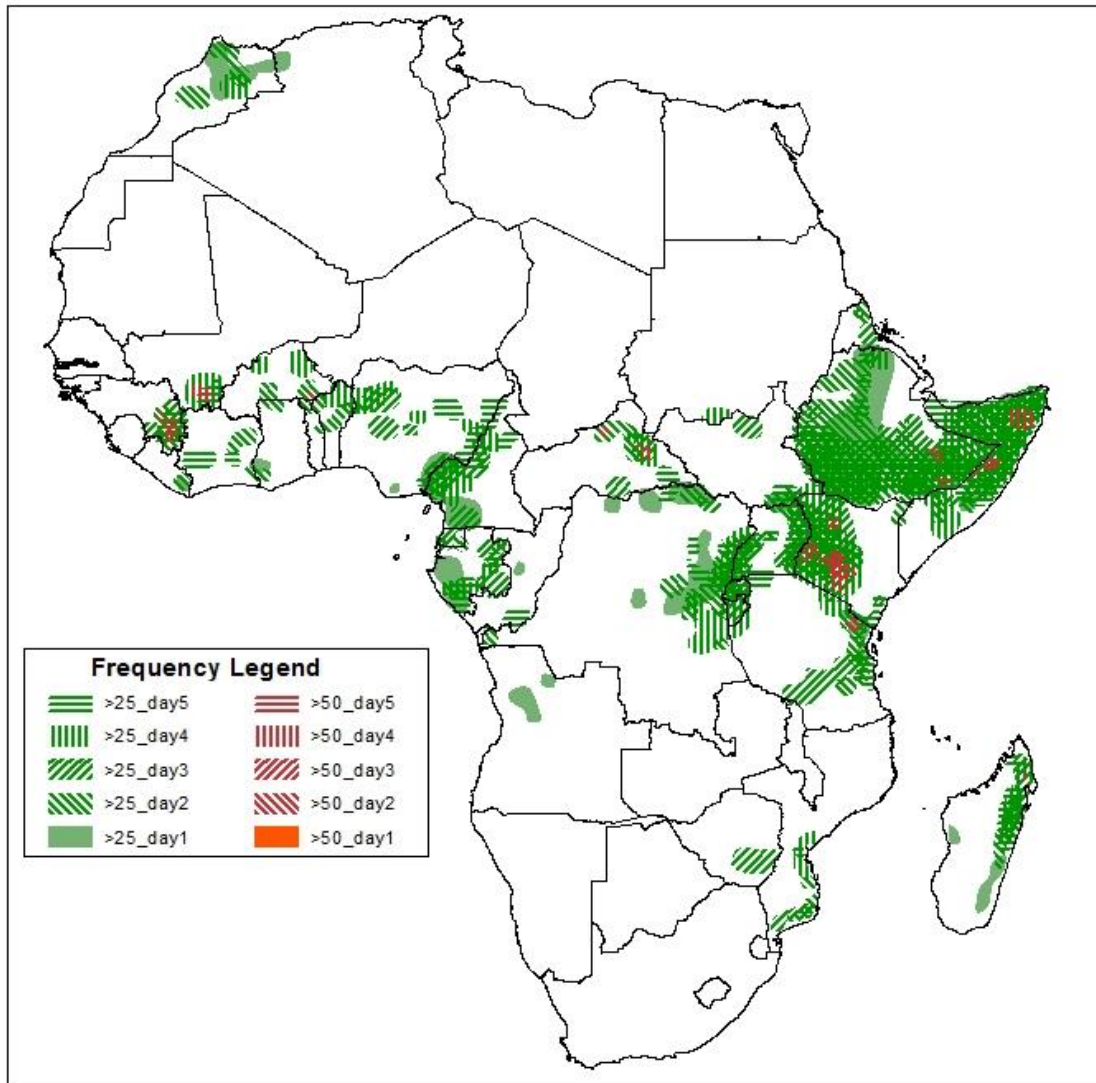
1. Rainfall, Heat Index and Dust Concentration Forecasts, (Issued on Apr 28, 2017)

1.1. Daily Rainfall and Maximum Heat Index Forecasts (valid: Apr 29 – May 03, 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 Apr 29 - May 03, 2017

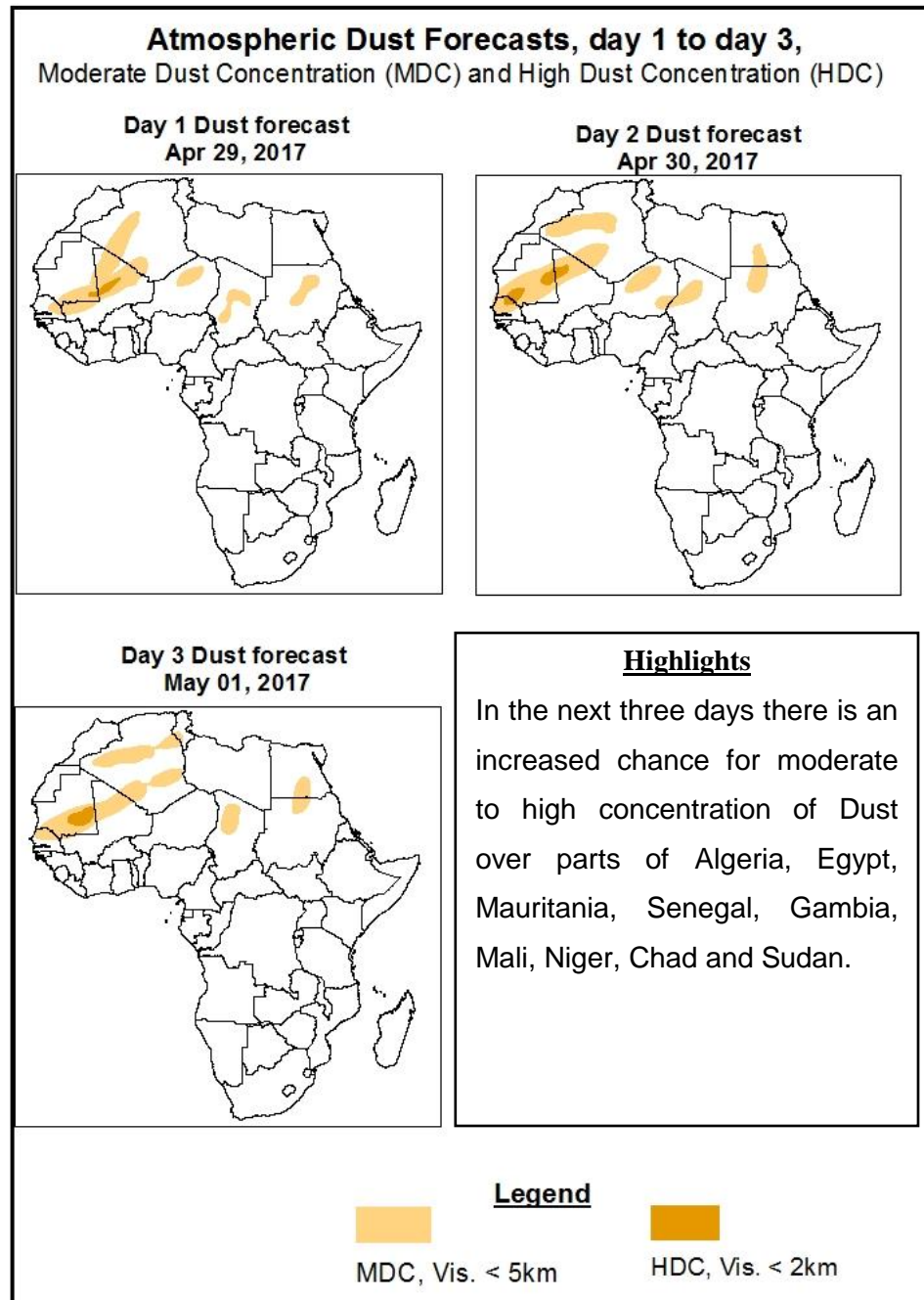


Highlights

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 Equatorial Guinea, Gabon, Ethiopia, Somalia, Uganda, Kenya, Rwanda, Burundi and local areas of Morocco, Eritrea, Mali, Burkina Faso, Guinea, Cote d'Ivoire, Ghana, Togo, Benin, Nigeria, Cameroon, CAR, DRC, South Sudan, Tanzania, Mozambique and Madagascar.

1.2. Atmospheric Dust Concentration Forecasts (valid: Apr 29 – May 01, 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: Apr 29 – May 03, 2017

The Azores High Pressure system over the North Atlantic Ocean is expected to weaken with its value of the central pressure decreasing from 1030hPa to 1022hPa during the 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 1025hPa to 1026hPa during the next 48 hours, weaken to 1025hPa during the next 72 hours and intensify to 1028hPa 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 1038hPa to 1029hPa during the forecast period.

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

At 850hPa level, lower level wind convergences are expected to prevail over Cameroon, CAR, DRC, South Sudan, Ethiopia, Uganda, Kenya, Rwanda, Burundi, Tanzania, Mozambique 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 Equatorial Guinea, Gabon, Ethiopia, Somalia, Uganda, Kenya, Rwanda, Burundi and local areas of Morocco, Eritrea, Mali, Burkina Faso, Guinea, Cote d'Ivoire, Ghana, Togo, Benin, Nigeria, Cameroon, CAR, DRC, South Sudan, Tanzania, Mozambique and Madagascar.

2.0. Previous and Current Day Weather over Africa

2.1. Weather assessment for the previous day (Apr 27, 2017)

Light to moderate rainfall was observed over portions of Morocco, Eritrea, Burkina Faso, Benin, Nigeria, Cameroon, Equatorial Guinea, Gabon, Congo, CAR, DRC, South Sudan, Ethiopia, Somalia, Tanzania, Angola, Zambia and Madagascar.

2.2. Weather assessment for the current day (Apr 28, 2017)

Intense convective clouds are observed over portions of Eritrea, Burkina Faso, Cote d'Ivoire, Nigeria, Cameroon, Equatorial Guinea, Gabon, Congo, DRC, South Sudan, Uganda, Ethiopia, Somalia, Kenya and Angola.

