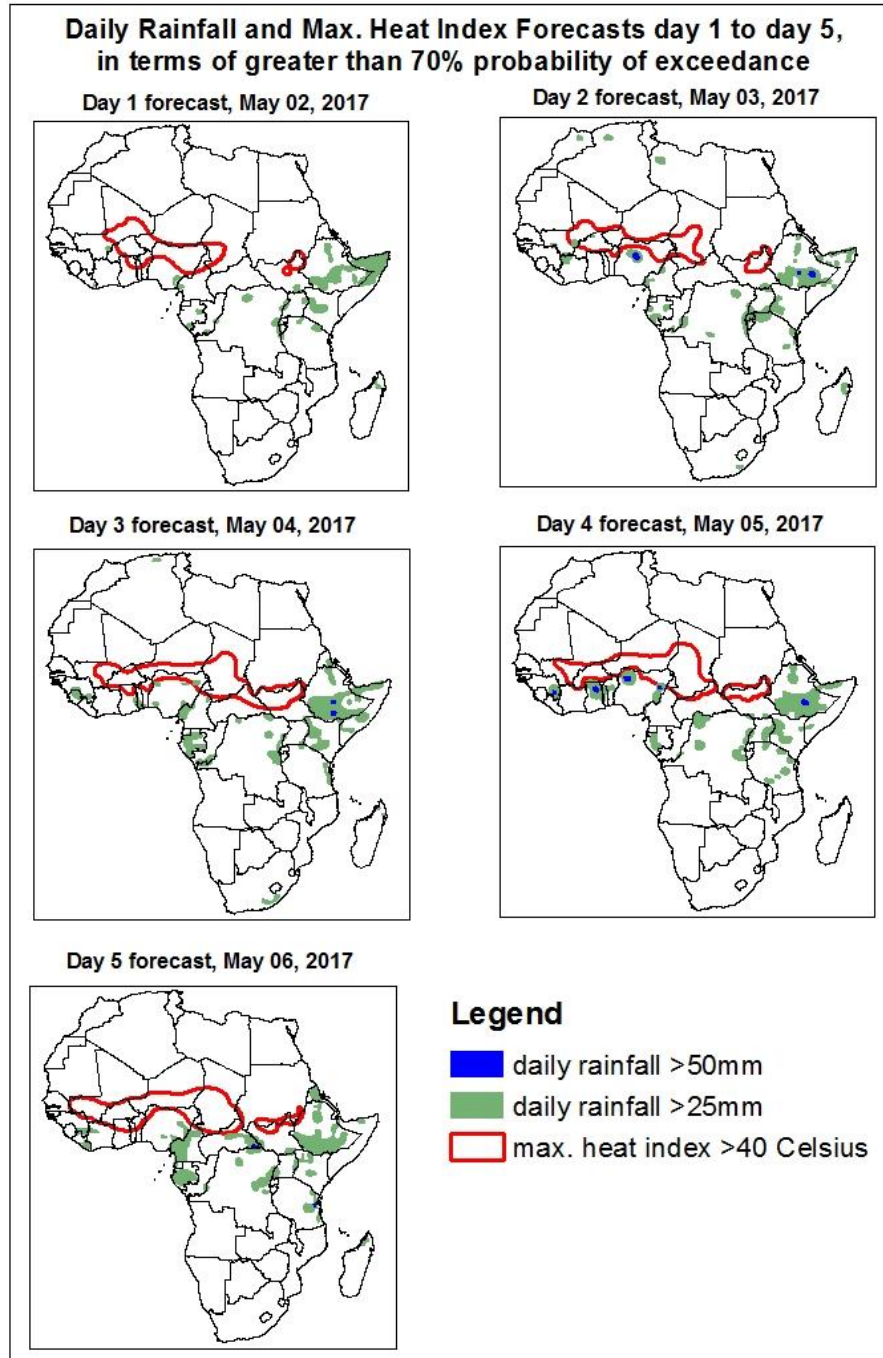


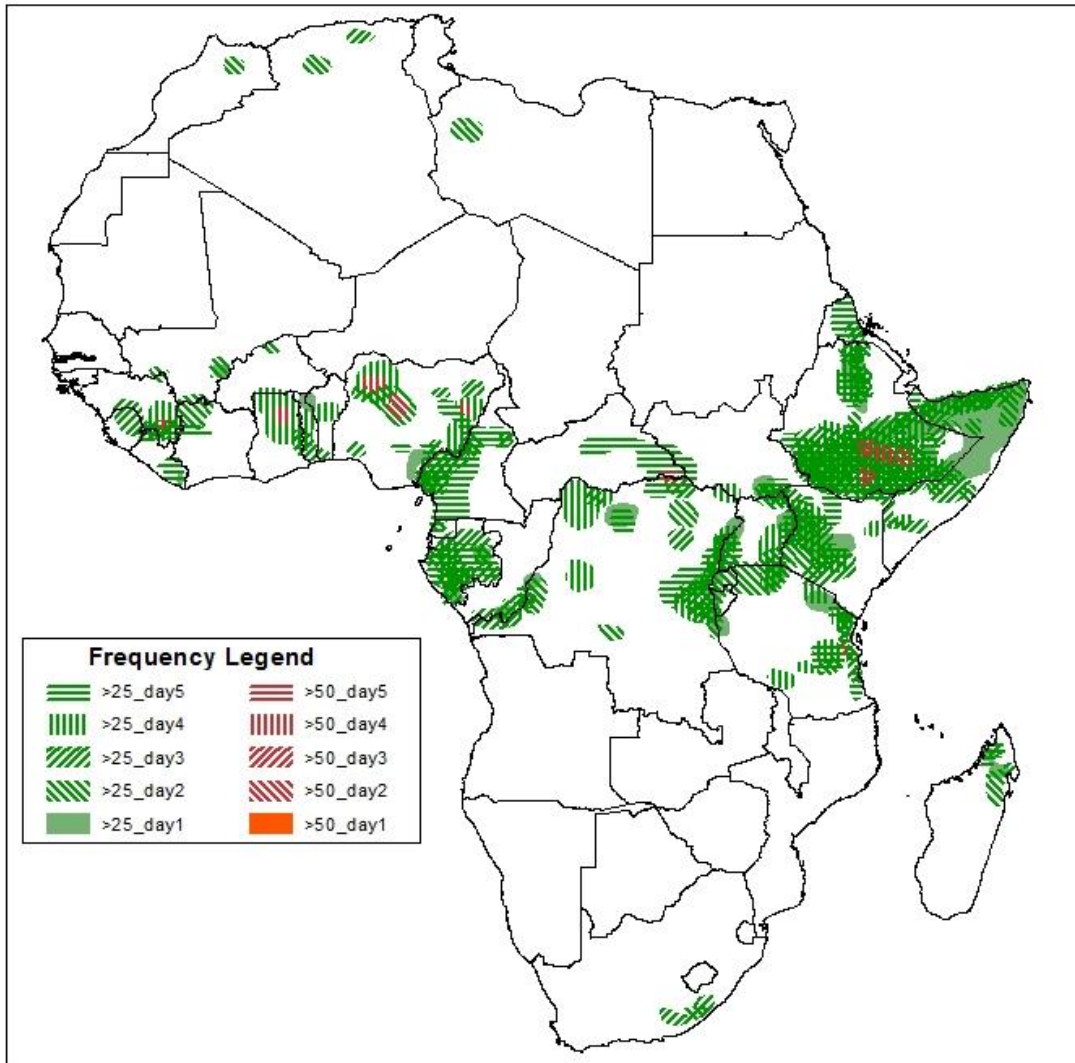
1. Rainfall, Heat Index and Dust Concentration Forecasts, (Issued on May 01, 2017)

1.1. Daily Rainfall and Maximum Heat Index Forecasts (valid: May 02 – 06, 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 May 02 - 06, 2017

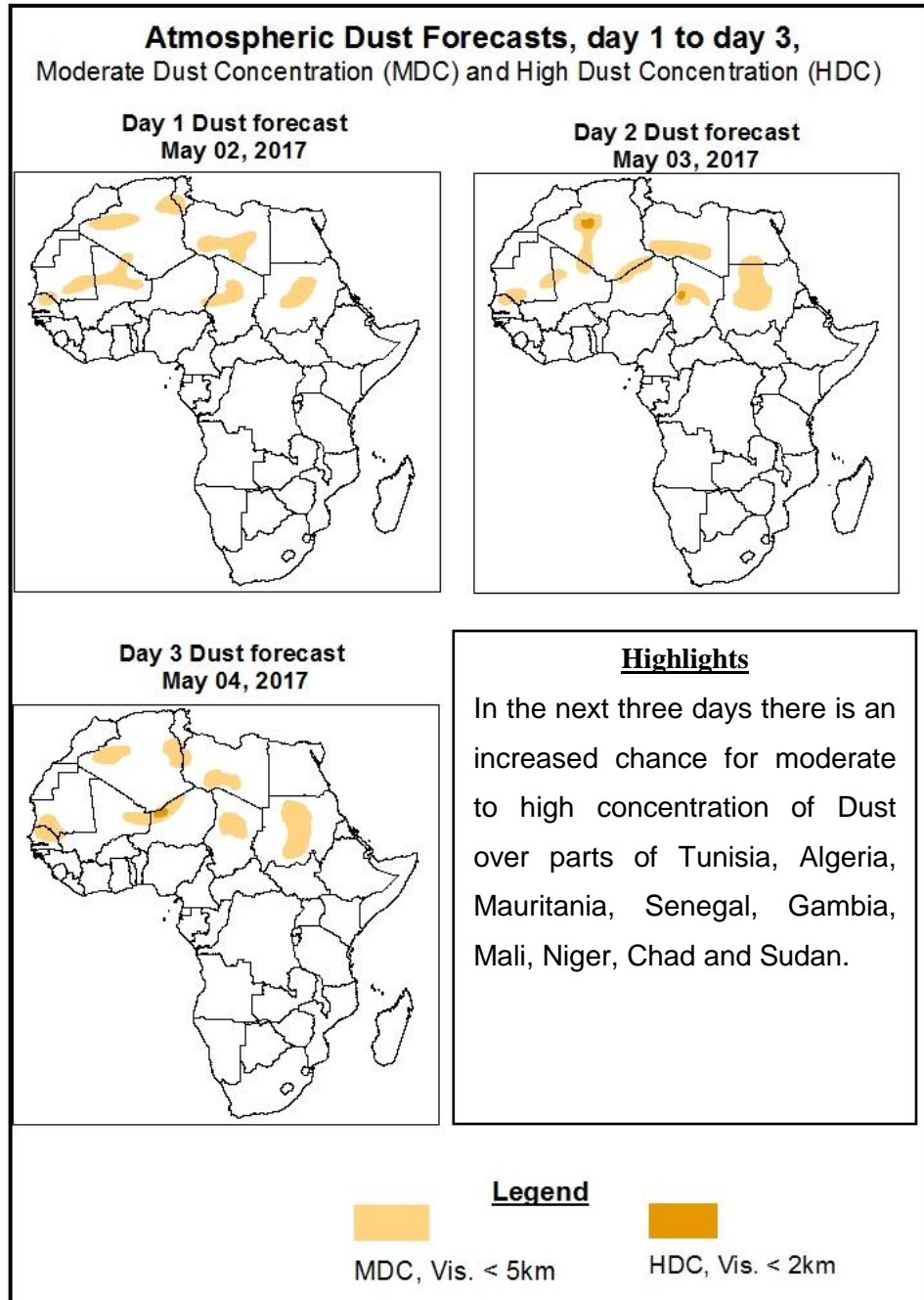


Highlights

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 Ghana, Togo, Nigeria, Gabon, Ethiopia, Somalia, Uganda, Kenya, Rwanda, and local areas of Eritrea, Mali, Guinea, Liberia, Cote d'Ivoire, Benin, Cameroon, Congo, CAR, DRC, South Sudan, Burundi, Tanzania, South Africa and Madagascar.

1.2. Atmospheric Dust Concentration Forecasts (valid: May 02 – 04, 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: May 02 – 06, 2017

The Azores High Pressure system over the North Atlantic Ocean is expected to intensify with its value of the central pressure increasing from 1021hPa to 1024hPa during the next 96 hours and weaken to 1019hPa 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 1028hPa to 1033hPa during the next 72 hours and weaken 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 1034hPa to 1031hPa during the next 48 hours, intensify to 1039hPa during the next 72 hours and 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 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, Tanzania, Mozambique, 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 Ghana, Togo, Nigeria, Gabon, Ethiopia, Somalia, Uganda, Kenya, Rwanda, and local areas of Eritrea, Mali, Guinea, Liberia, Cote d'Ivoire, Benin, Cameroon, Congo, CAR, DRC, South Sudan, Burundi, Tanzania, South Africa and Madagascar.

2.0. Previous and Current Day Weather over Africa

2.1. Weather assessment for the previous day (Apr 30, 2017)

Light to moderate rainfall was observed over portions of Sudan, Eritrea, Burkina Faso, Cote d'Ivoire, Togo, Benin, Nigeria, Cameroon, Gabon, Congo, CAR, DRC, South Sudan, Ethiopia, Somalia, Uganda, Kenya, Tanzania, Zimbabwe, Mozambique and Botswana.

2.2. Weather assessment for the current day (May 01, 2017)

Intense convective clouds are observed over portions of Mali, Burkina Faso, Niger, Chad, Cote d'Ivoire, Ghana, Togo, Benin, Nigeria, Cameroon, Equatorial Guinea, Gabon, Congo, DRC, South Sudan, Uganda, Ethiopia, Somalia, Kenya, Rwanda, Tanzania and Madagascar.

