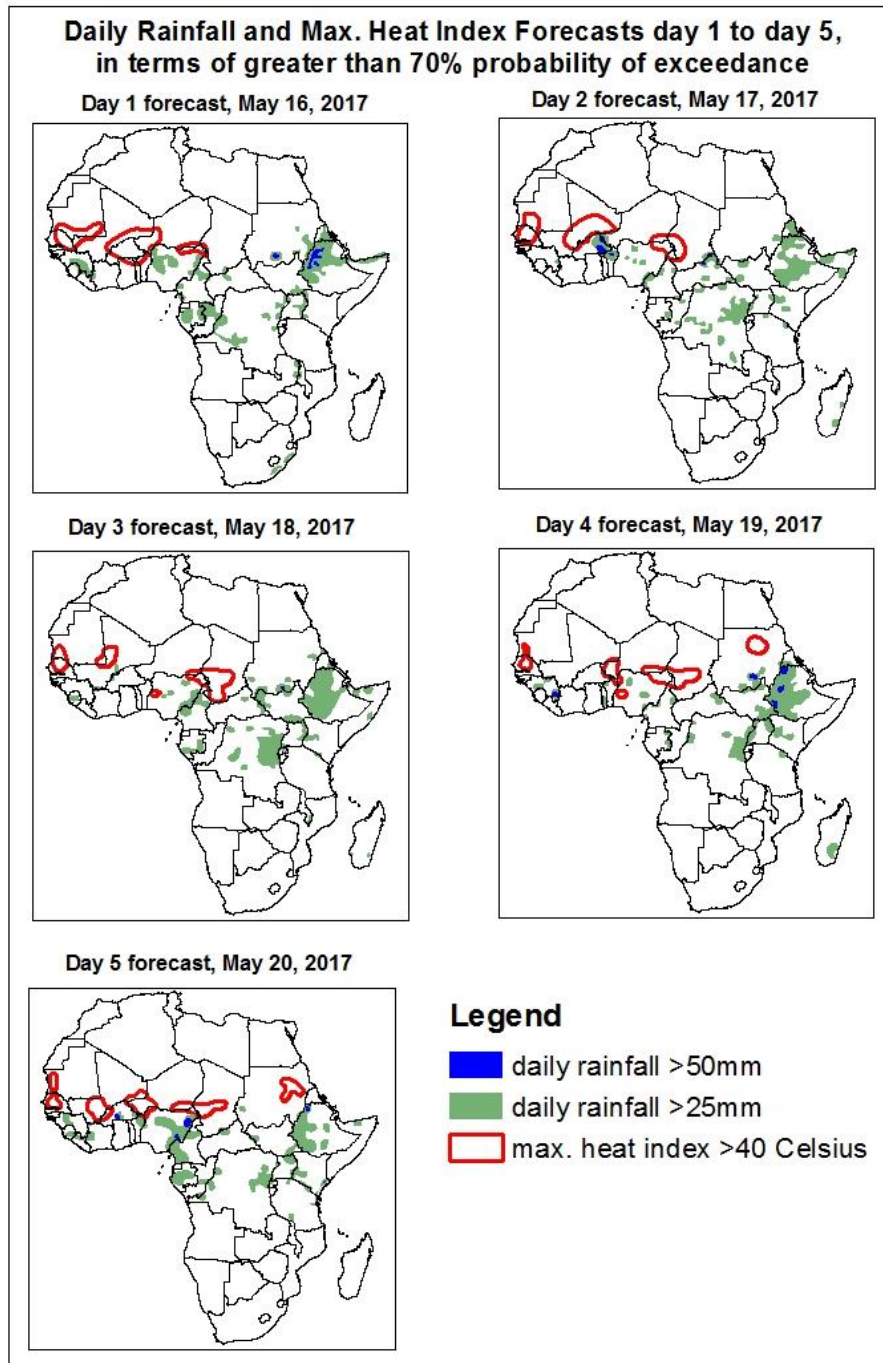


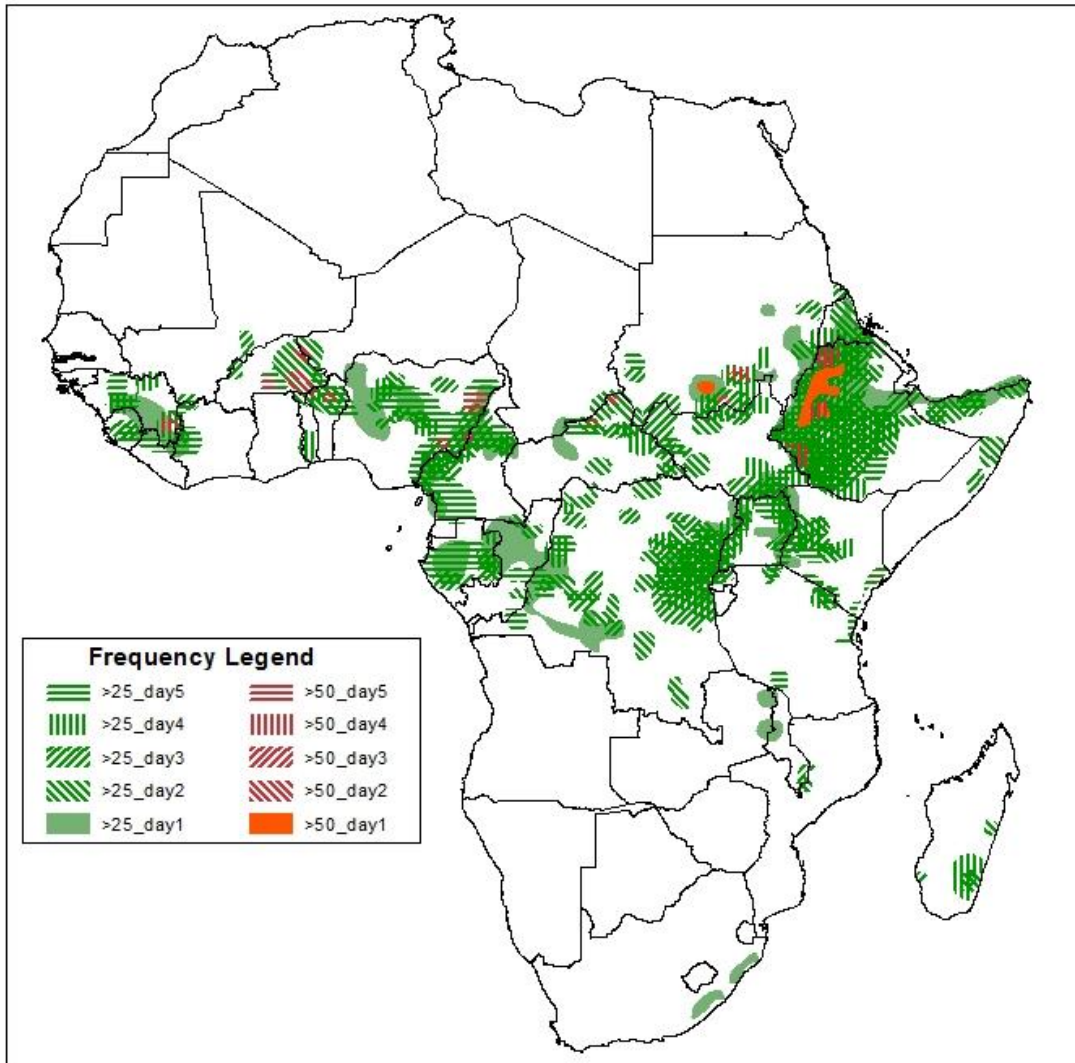
1. Rainfall, Heat Index and Dust Concentration Forecasts, (Issued on May 15, 2017)

1.1. Daily Rainfall and Maximum Heat Index Forecasts (valid: May 16 – 20, 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 16 - 20, 2017

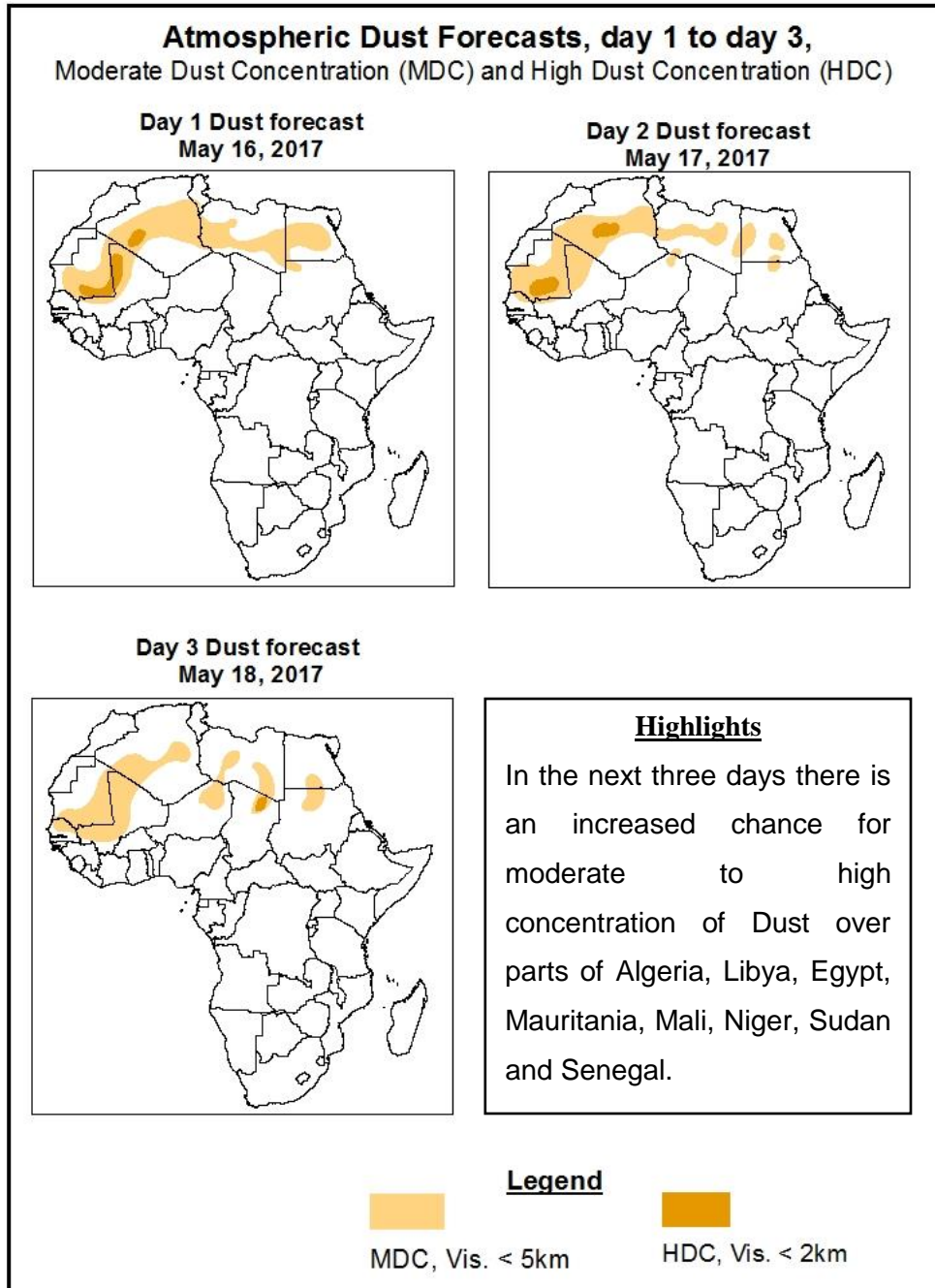


Highlights

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 Guinea, Sierra Leone, Gabon, Eritrea, Ethiopia, Uganda and local areas of Sudan, Burkina Faso, Liberia, Cote d'Ivoire, Togo, Benin, Nigeria, Cameroon, Congo, CAR, DRC, South Sudan, Somalia, Kenya, Rwanda and Madagascar.

1.2. Atmospheric Dust Concentration Forecasts (valid: May 16 – 18, 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 16 – 20, 2017

The Azores High Pressure system over the North Atlantic Ocean is expected to intensify with its value of the central pressure increasing from 1026hPa to 1031hPa during the next 48 hours and weaken to 1023hPa 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 decreasing from 1024hPa to 1035hPa during the 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 1035hPa to 1029hPa during the next 72 hours and intensify to 1031hPa 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 and Senegal.

At 850hPa level, lower level wind convergences are expected to prevail over Cameroon, CAR, DRC, South Sudan, Ethiopia, Somalia, Uganda, Kenya, 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 Guinea, Sierra Leone, Gabon, Eritrea, Ethiopia, Uganda and local areas of Sudan, Burkina Faso, Liberia, Cote d'Ivoire, Togo, Benin, Nigeria, Cameroon, Congo, CAR, DRC, South Sudan, Somalia, Kenya, Rwanda and Madagascar.

2.0. Previous and Current Day Weather over Africa

2.1. Weather assessment for the previous day (May 14, 2017)

Light to moderate rainfall was observed over portions of Algeria, Sudan, Eritrea, Cote d'Ivoire, Ghana, Benin, Nigeria, Cameroon, Gabon, Congo, CAR, DRC, South Sudan, Ethiopia, Djibouti, Uganda, Kenya and South Africa.

2.2. Weather assessment for the current day (May 15, 2017)

Intense convective clouds are observed over portions of Sudan, Eritrea, Liberia, Cote d'Ivoire, Ghana, Togo, Benin, Nigeria, Cameroon, Equatorial Guinea, Gabon, Congo, CAR, DRC, South Sudan, Ethiopia, Somalia, Uganda and Kenya.

