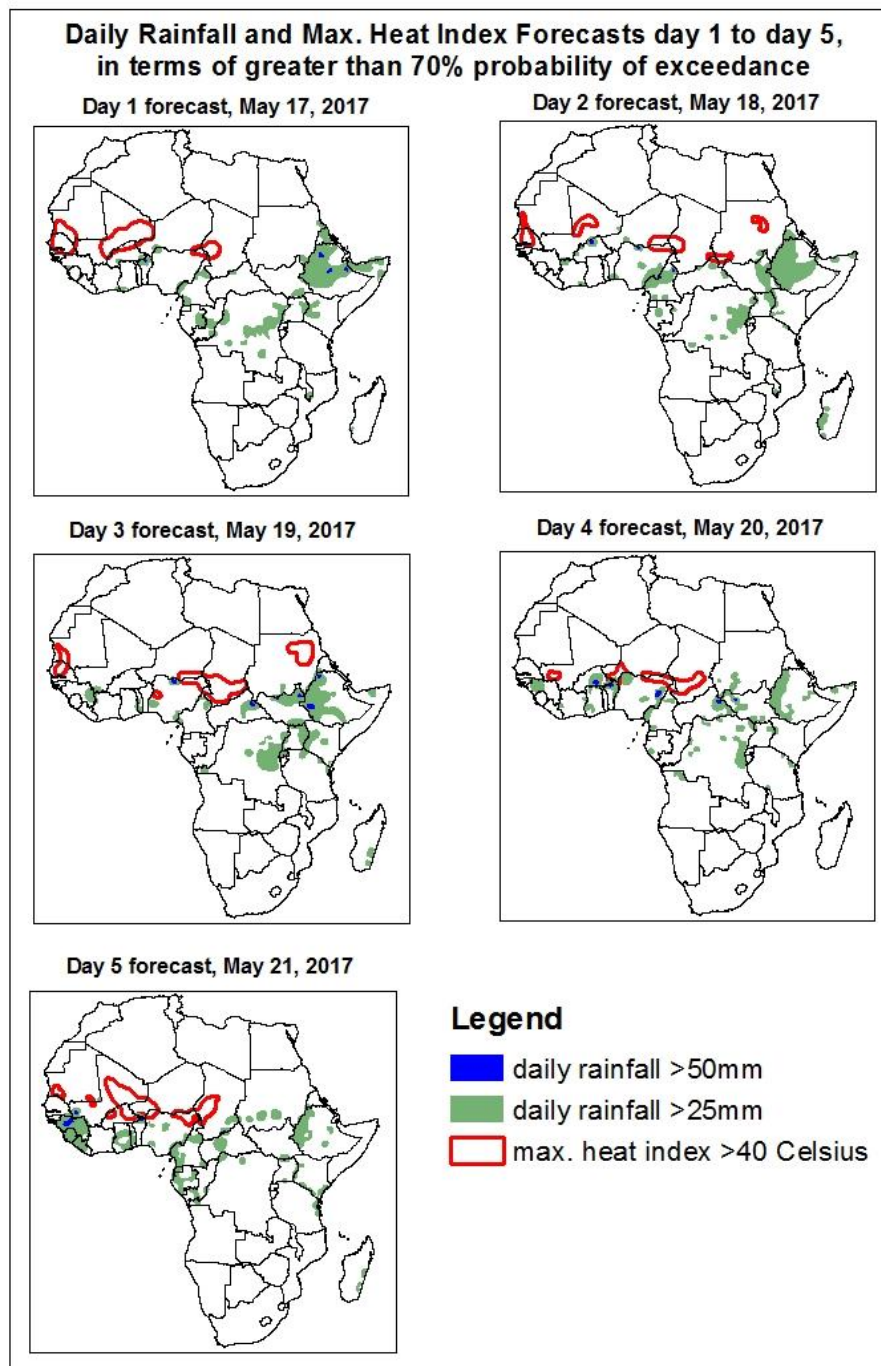


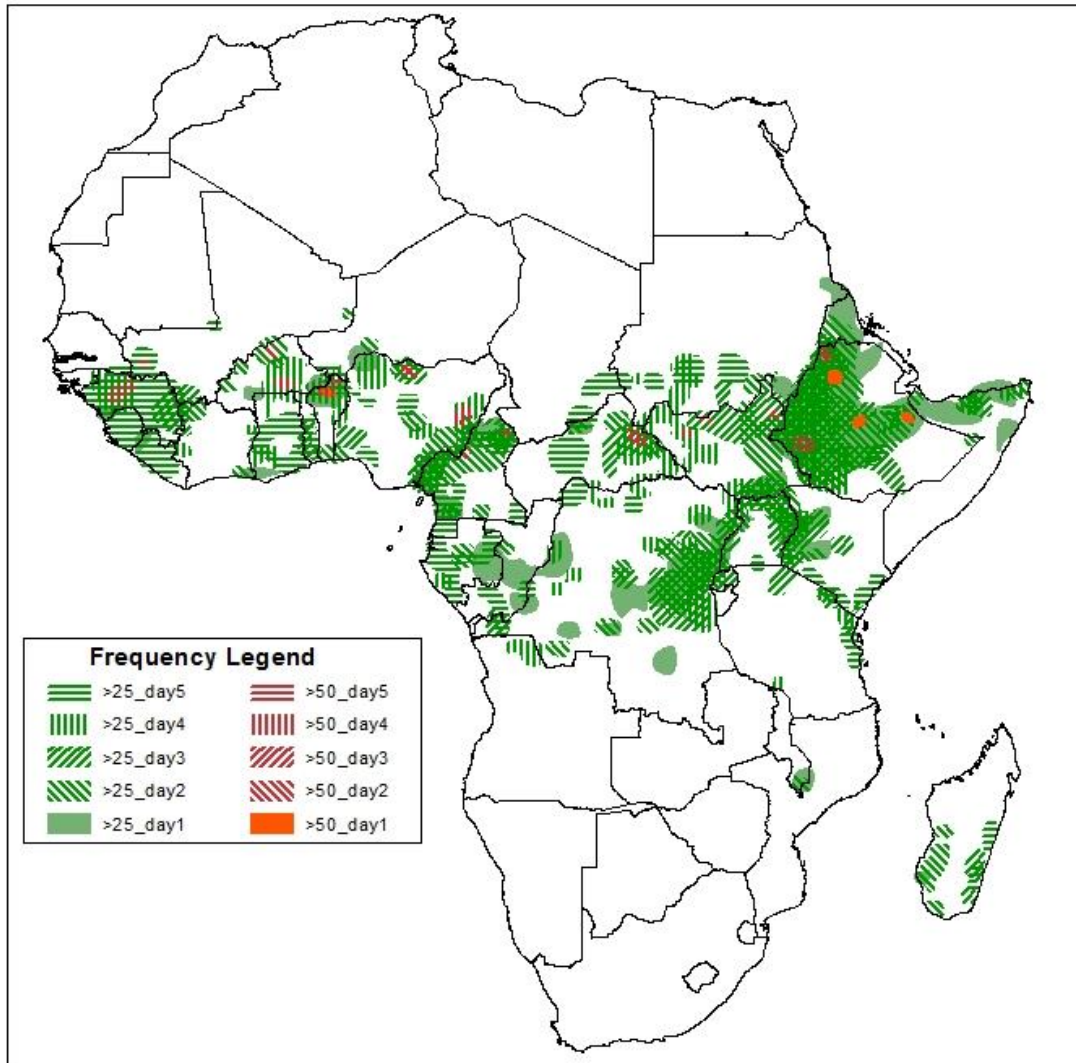
1. Rainfall, Heat Index and Dust Concentration Forecasts, (Issued on May 16, 2017)

1.1. Daily Rainfall and Maximum Heat Index Forecasts (valid: May 17 – 21, 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 17 - 21, 2017

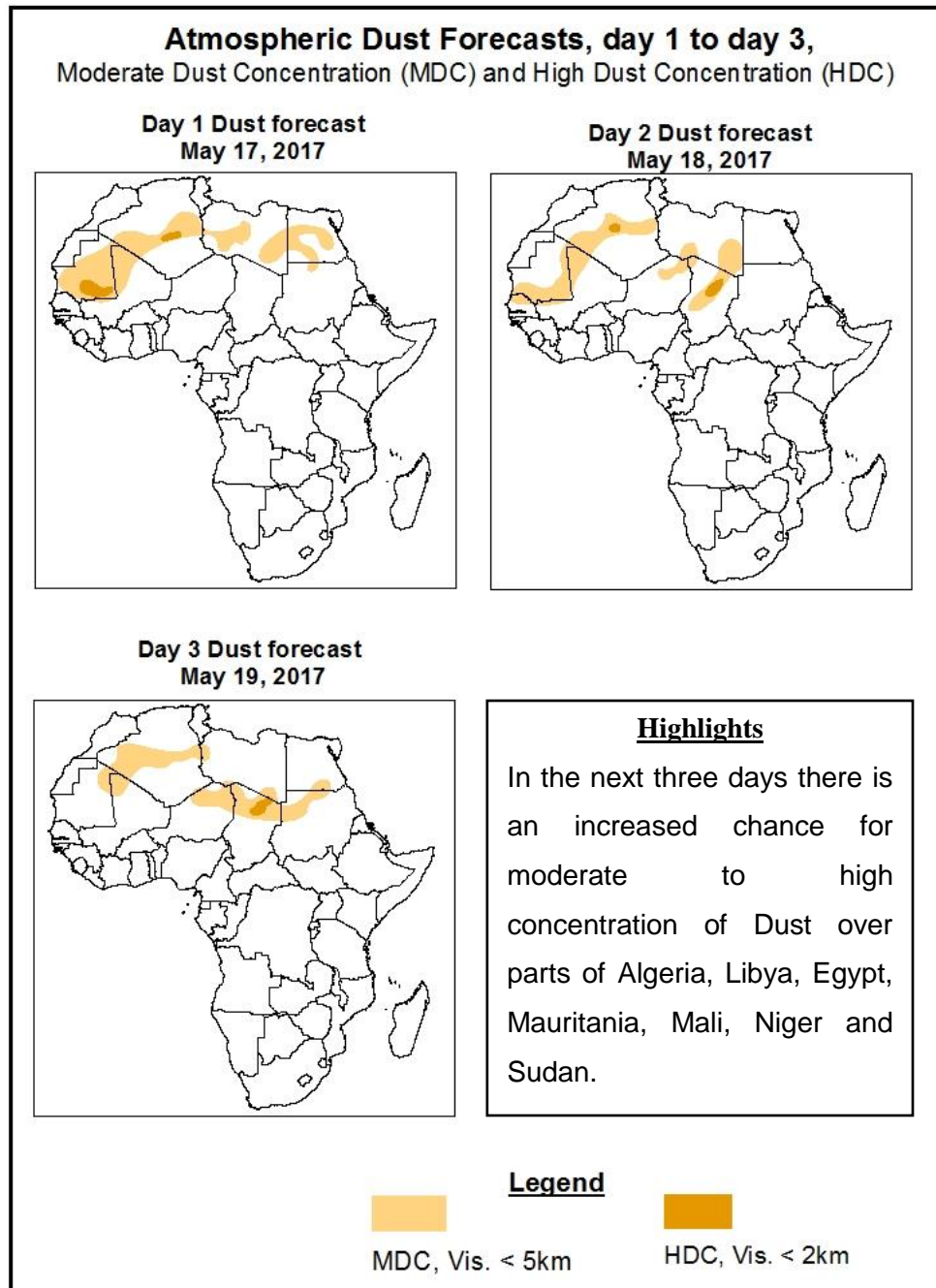


Highlights

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

1.2. Atmospheric Dust Concentration Forecasts (valid: May 17 – 19, 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 17 – 21, 2017

The Azores High Pressure system over the North Atlantic Ocean is expected to weaken with its value of the central pressure decreasing from 1031hPa to 1023hPa 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 1032hPa to 1036hPa 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 1030hPa to 1029hPa during the next 48 hours, intensify to 1030hPa during the next 72 hours and weaken to 1027hPa during the remaining forecast period.

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

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

2.0. Previous and Current Day Weather over Africa

2.1. Weather assessment for the previous day (May 15, 2017)

Light to moderate rainfall was observed over portions of Tunisia, Nigeria, Cameroon, Somalia, Kenya, Tanzania, Mozambique, Botswana and South Africa.

2.2. Weather assessment for the current day (May 16, 2017)

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

