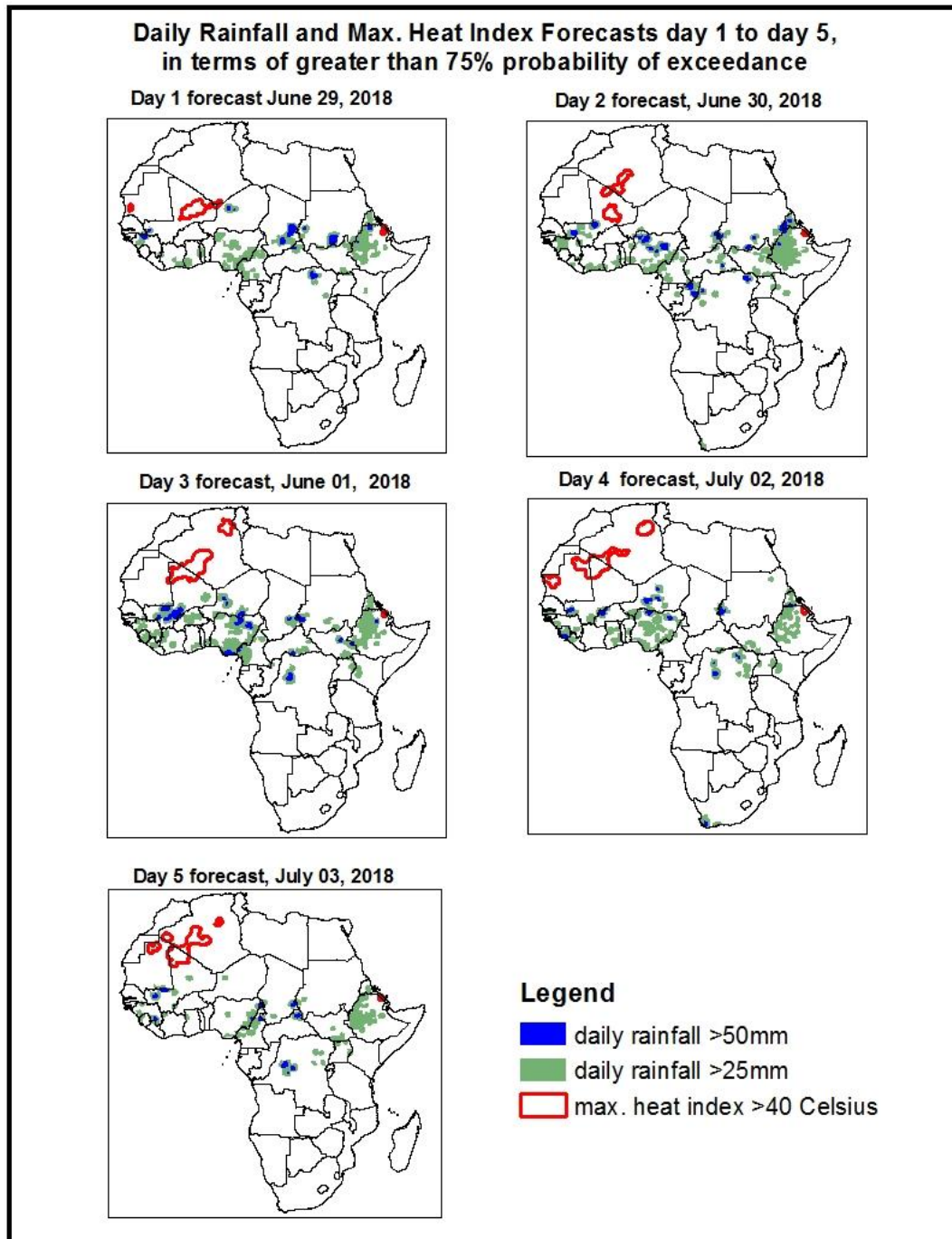


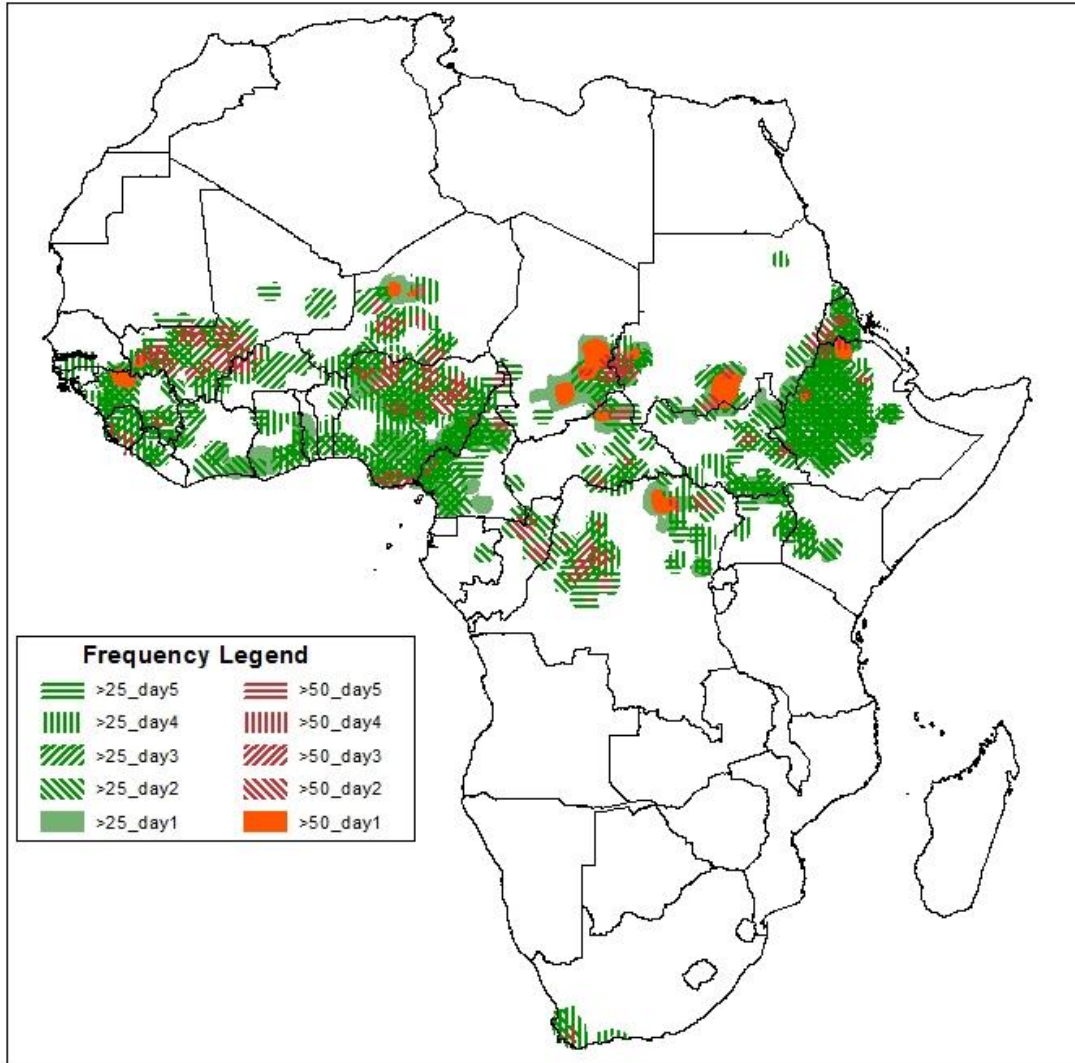
1. Rainfall, Heat Index and Dust Concentration Forecasts, (Issued on June 28, 2018)

1.1. Daily Rainfall and Maximum Heat Index Forecasts (valid: June 29, – July 3, 2018)

The forecasts are expressed in terms of high probability of precipitation (POP) and high probability of maximum heat index, based on the NCEP/GFS and the NCEP Global Ensemble Forecasts System (GEFS) and expert assessment.



Five Days Rainfall Forecast Summary 29 June - 03 July, 2018.

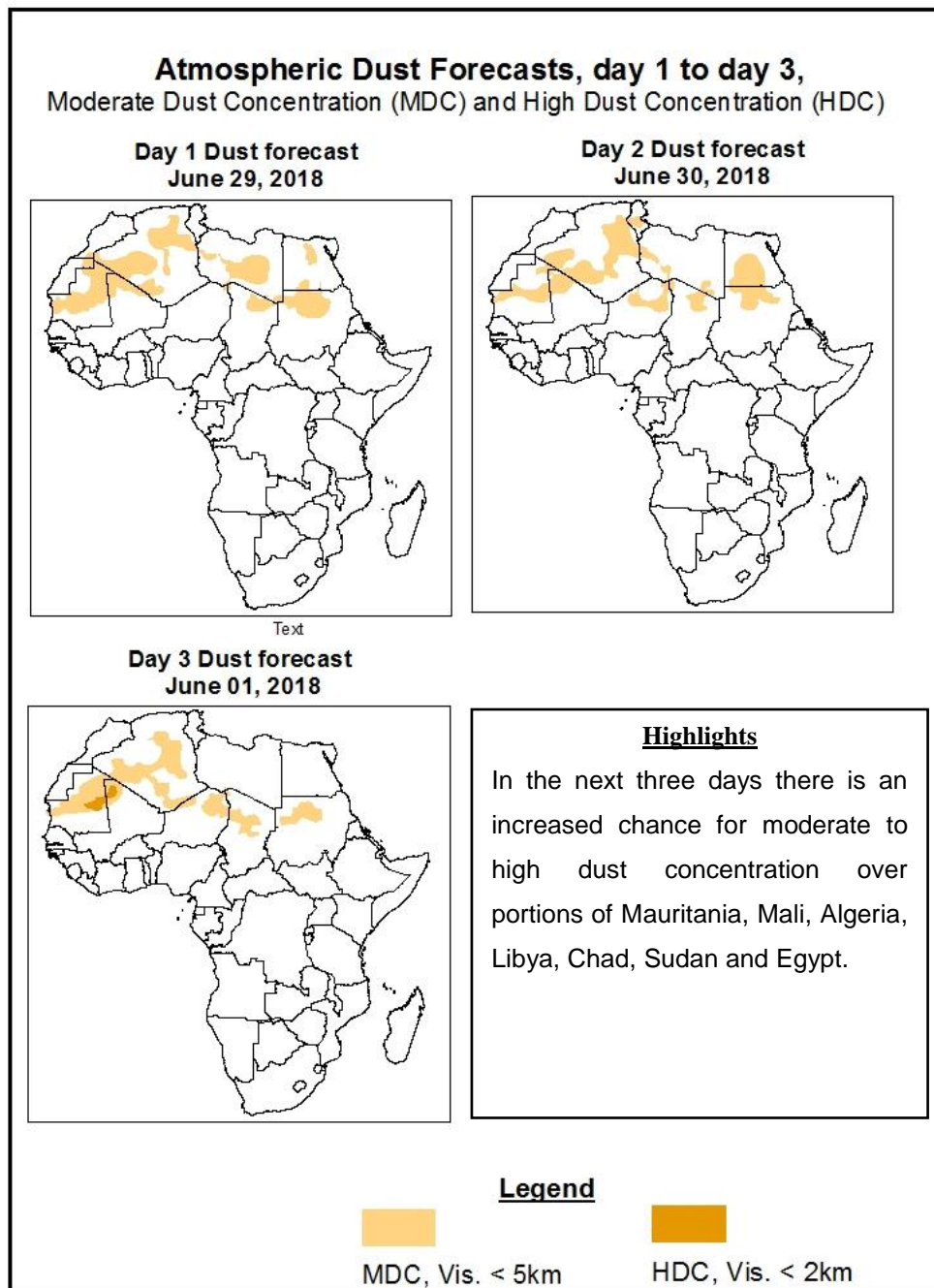


Highlights

In the next five days, areas of anomalous lower-level convergence and upper level divergence over parts of East Africa, Central Africa and Gulf of Guinea Countries are expected to enhance rainfall in these regions during the forecast period. As a result, there is an increased chance for two or more days of moderate to heavy rainfall over portions of Mali, Guinea, Sierra Leone, Liberia, Ivory Coast, Ghana, Burkina Faso, Togo, Benin, Niger, Nigeria, Cameroon, Chad, Gabon, Congo, CAR, DRC, Sudan, South Sudan, Uganda, Kenya, Eritrea, Ethiopia and South Africa.

1.2. Atmospheric Dust Concentration Forecasts (valid: June 29 – July 1, 2018)

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: June 29– July 3, 2018

The Azores High Pressure system over the North Atlantic Ocean is expected to weaken during the forecast period. The central pressure decreases from 1030hPa to 1034hPa in the forecast period.

The St. Helena High Pressure system over the Southeast Atlantic Ocean is expected to intensify during the forecast period. The central pressure value increases from 1026hPa to 1036hPa in the forecast period.

The Mascarene High Pressure system over the Southwest Indian Ocean is expected to intensify during the forecast period. The central pressure increases from 1031hPa to 1043hPa in the forecast period.

At 925hPa, dry strong northeasterly to easterly wind is expected to prevail across northern Africa and portions of the Sahel region.

At 850hPa, in West Africa, it is expected that the Inter Tropical Convergence Zone will oscillate above the Gulf of Guinea countries while the area of wind convergence remain active in DRC, Chad and Sudan.

In the next five days, areas of anomalous lower-level convergence and upper level divergence over parts of East Africa, Central Africa and Gulf of Guinea Countries are expected to enhance rainfall in these regions during the forecast period. As a result, there is an increased chance for two or more days of moderate to heavy rainfall over portions of Mali, Guinea, Sierra Leone, Liberia, Ivory Coast, Ghana, Burkina Faso, Togo, Benin, Niger, Nigeria, Cameroon, Chad, Gabon, Congo, CAR, DRC, Sudan, South Sudan, Uganda, Kenya, Eritrea, Ethiopia and South Africa.

2.0. Previous and Current Day Weather over Africa

2.1. Weather assessment for the previous day (June 27, 2018)

Moderate to locally heavy rainfall was observed over parts of Mauritania, Senegal, Mali, Guinea, Ivory Coast, Benin, Togo, Niger, Nigeria, Chad, CAR, DRC, Kenya, Sudan, Eritrea, Ethiopia and Mozambique.

2.2. Weather assessment for the current day (June 28, 2018)

Intense convective clouds are observed over parts of Mauritania, Burkina Faso, Ghana, Togo, Benin, Niger, Nigeria, Chad, Cameroon, CAR, DRC, Sudan and South Sudan.

