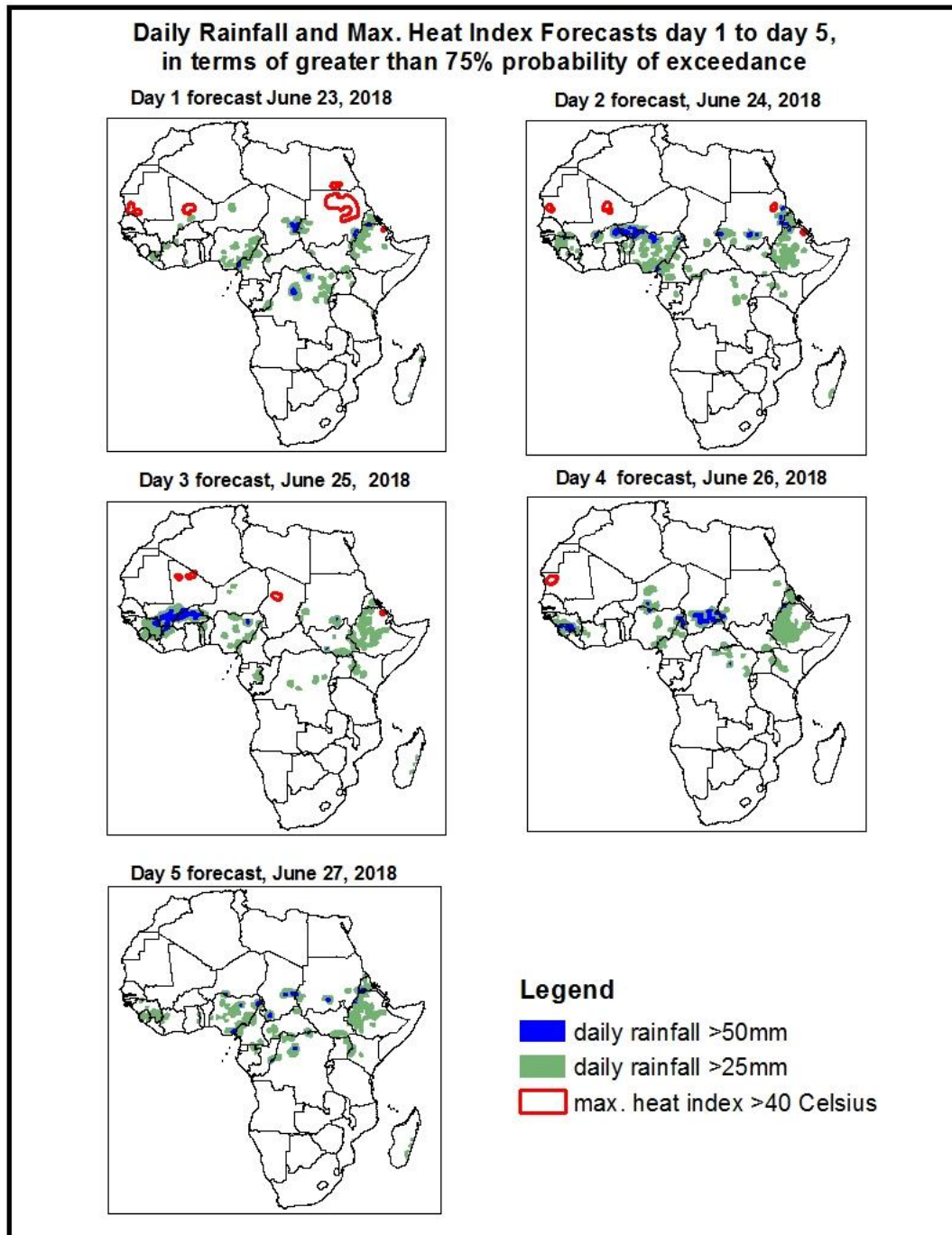


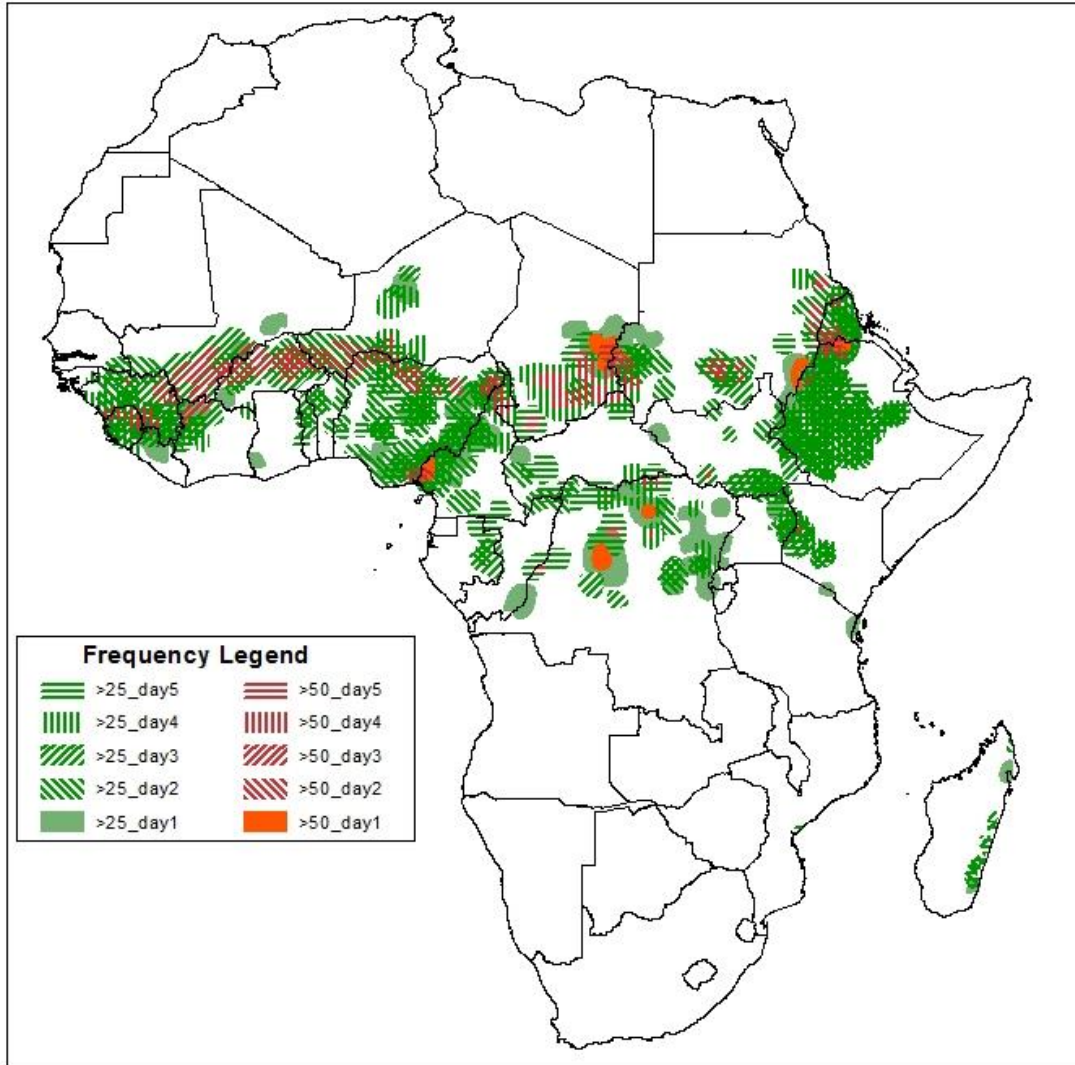
1. Rainfall, Heat Index and Dust Concentration Forecasts, (Issued on June 22, 2018)

1.1. Daily Rainfall and Maximum Heat Index Forecasts (valid: June 23, – June 27, 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 23 June - 27 June, 2018.

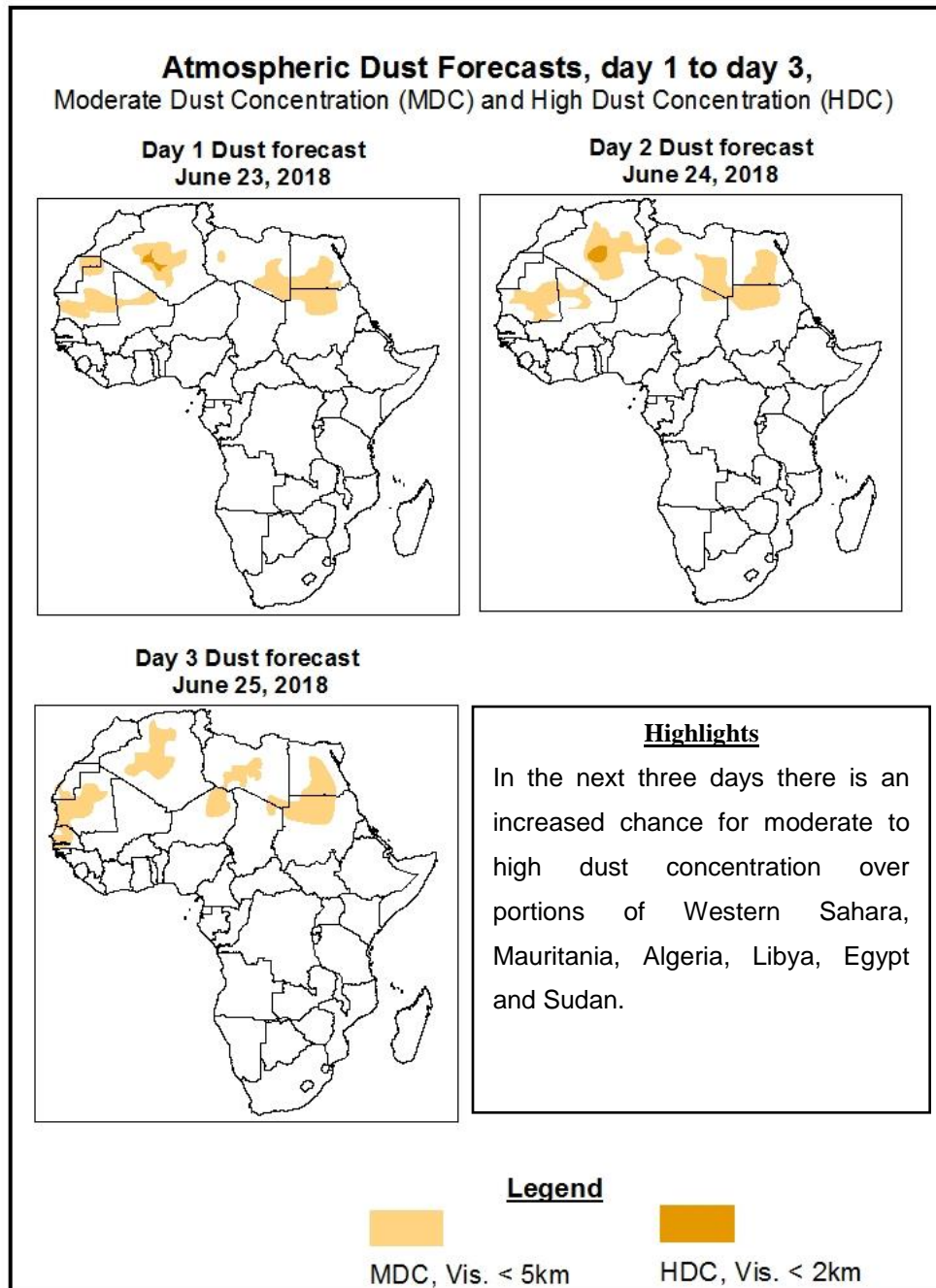


Highlights

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. On the other hand, areas of anomalous lower-level divergence over the Central African region are expected to suppress rainfall 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, Burkina Faso, Togo, Benin, Niger, Nigeria, Cameroon, Chad, Gabon, CAR, DRC, Sudan, South Sudan, Uganda, Kenya, Eritrea, Ethiopia and Madagascar.

1.2. Atmospheric Dust Concentration Forecasts (valid: June 23 – June 25, 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 23– June 27, 2018

The Azores High Pressure system over the North Atlantic Ocean is expected to weaken during the forecast period. The central pressure decreased from 1028hPa to 1023hPa in the forecast period.

The St. Helena High Pressure system over the Southeast Atlantic Ocean is expected to weaken on the second day and then quasi stationary in the subsequent days during the forecast period. The central pressure value decreased from 1026hPa to 1025hPa in the forecast period.

The Mascarene High Pressure system over the Southwest Indian Ocean is expected to intensify in the forecast period. The central pressure value increased from 1025hPa to 1030 hPa 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 Uganda 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. On the other hand, areas of anomalous lower-level divergence over the Central African region are expected to suppress rainfall 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, Burkina Faso, Togo, Benin, Niger, Nigeria, Cameroon, Chad, Gabon, CAR, DRC, Sudan, South Sudan, Uganda, Kenya, Eritrea, Ethiopia and Madagascar.

2.0. Previous and Current Day Weather over Africa

2.1. Weather assessment for the previous day (June 21, 2018)

Moderate to locally heavy rainfall was observed over parts of Ivory Coast, Burkina Faso, Togo, Benin, Niger, Algeria, Libya, Chad, CAR, DRC, Kenya, South Sudan, Sudan and Ethiopia.

2.2. Weather assessment for the current day (June 22, 2018)

Intense convective clouds are observed over parts of Guinea, Sierra Leone, Ivory Coast, Liberia, Chad, Cameroon, CAR, DRC, Uganda, Kenya, South Sudan and Ethiopia.

