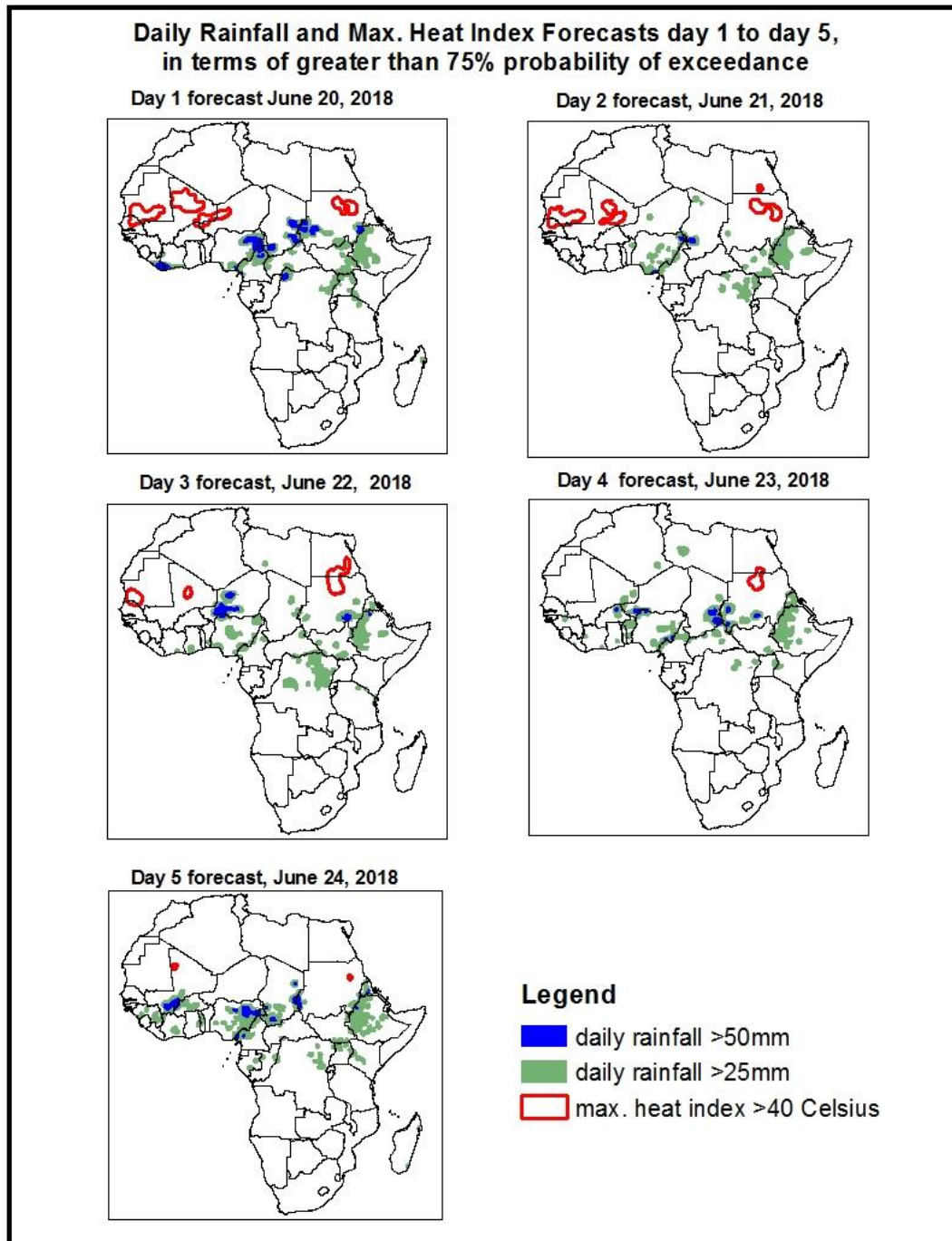


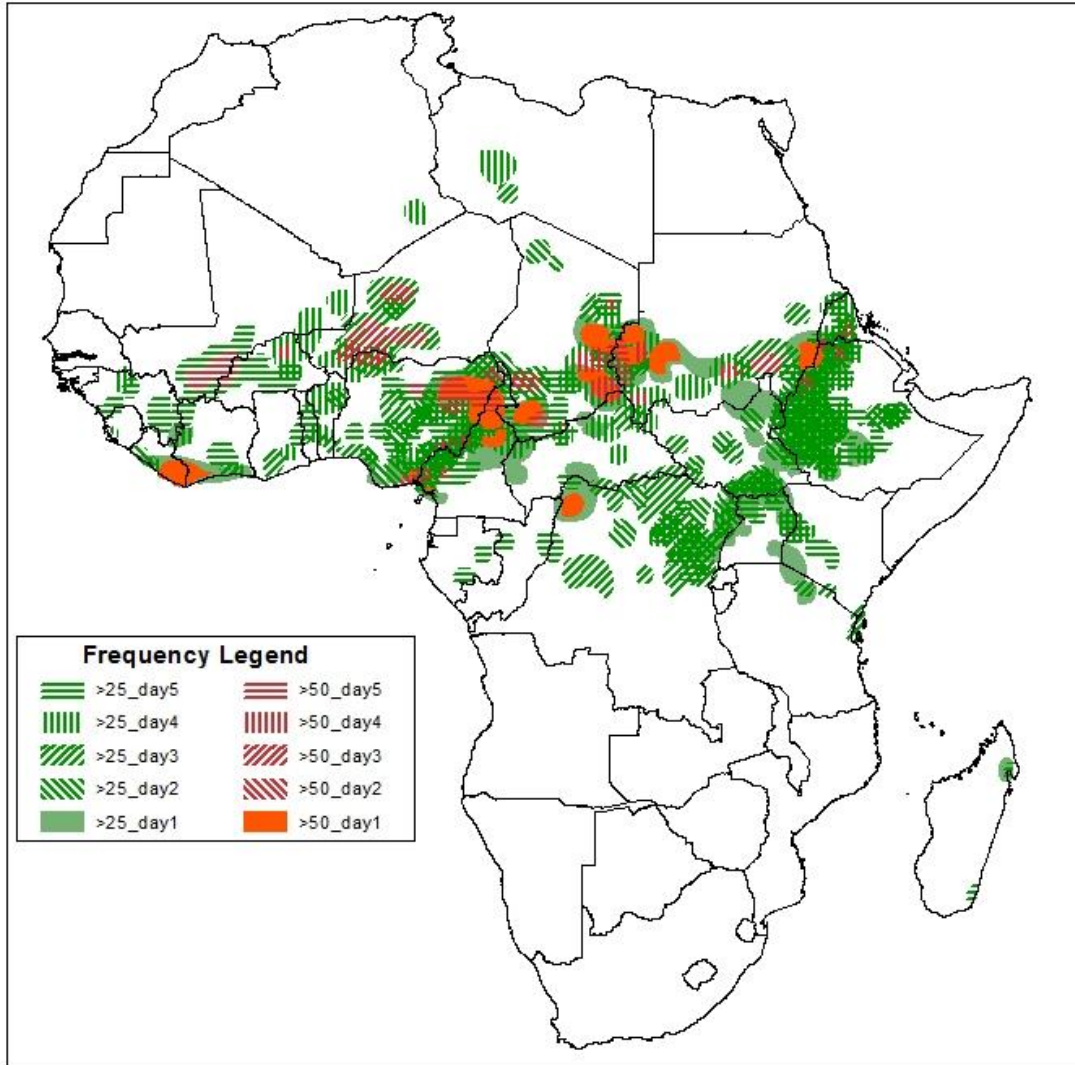
1. Rainfall, Heat Index and Dust Concentration Forecasts, (Issued on June 19, 2018)

1.1. Daily Rainfall and Maximum Heat Index Forecasts (valid: June 20, – June 24, 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 20 June - 24 June, 2018.

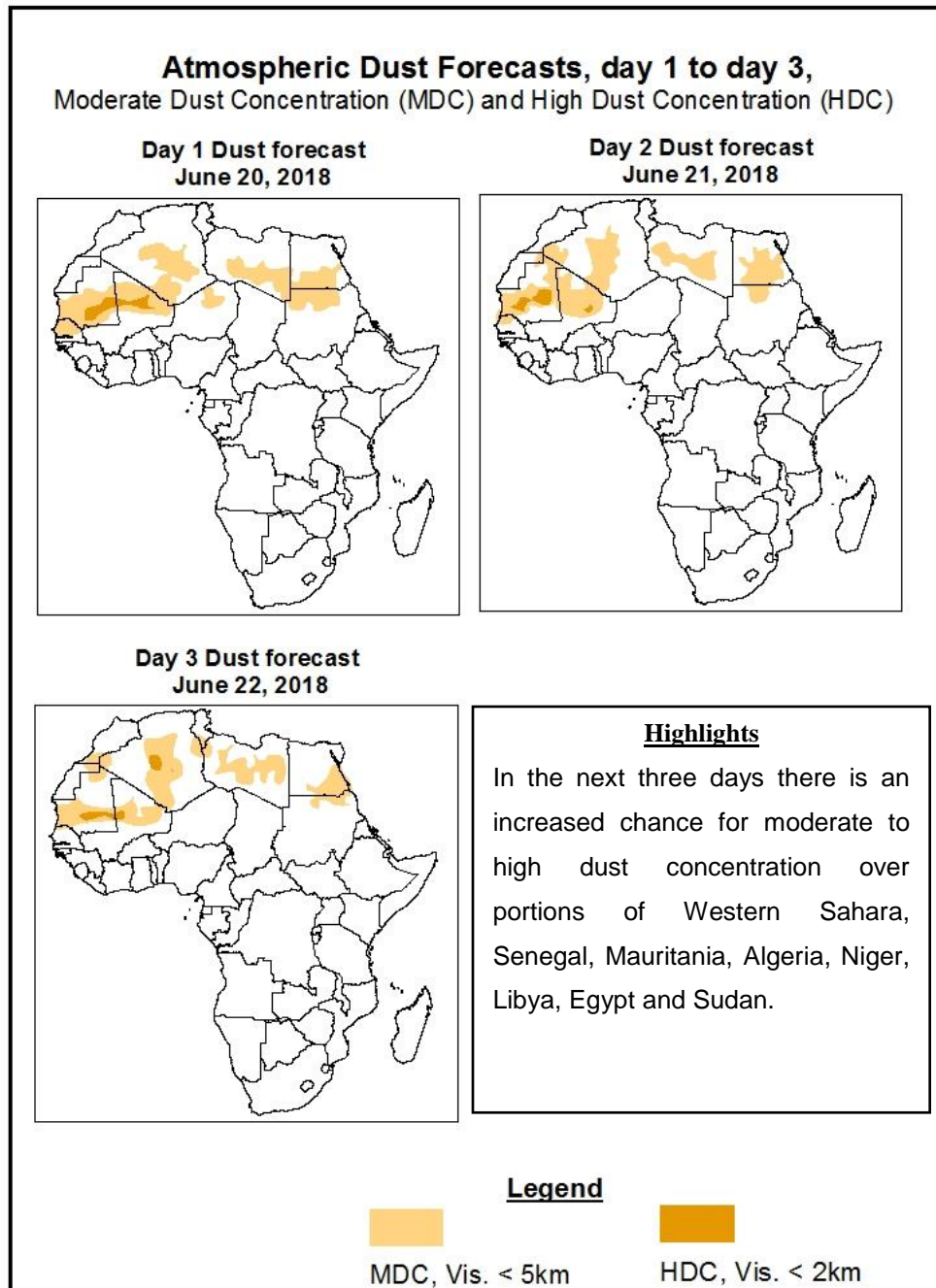


Highlights

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. As a result, there is an increased chance for two or more days of moderate to heavy rainfall over portions of Guinea, Liberia, Mali, Ivory Coast, Burkina Faso, Ghana, Togo, Benin, Niger, Nigeria, Cameroon, Chad, CAR, DRC, Sudan, South Sudan, Uganda, Kenya, and Ethiopia.

1.2. Atmospheric Dust Concentration Forecasts (valid: June 20 – June 24, 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 20– June 24, 2018

The Azores High Pressure system over the North Atlantic Ocean is expected to be quasi-stationary in the first four days and then weakens in the subsequent day of the forecast period. The central pressure is 1026hPa and then decreased to 1020hPa during the forecast period.

The St. Helena High Pressure system over the Southeast Atlantic Ocean is expected to be quasi-stationary in the first four days and then weakens in the subsequent day of the forecast period. The central pressure is 1026hPa and then decreased to 1024hPa during the forecast period.

The Mascarene High Pressure system over the Southwest Indian Ocean is expected to weaken in the forecast period. The central pressure value decreased from about 1032 hPa to 1026 hPa during 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 oscillation of the Inter Tropical Convergence Zone above the Gulf of Guinea countries will persist while the area of wind convergence remain active over Mauritania, Niger, Chad, Sudan, and Uganda during the forecast period.

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. As a result, there is an increased chance for two or more days of moderate to heavy rainfall over portions of Guinea, Liberia, Mali, Ivory Coast, Burkina Faso, Ghana, Togo, Benin, Niger, Nigeria, Cameroon, Chad, CAR, DRC, Sudan, South Sudan, Uganda, Kenya, and Ethiopia

2.0. Previous and Current Day Weather over Africa

2.1. Weather assessment for the previous day (June 18, 2018)

Moderate to locally heavy rainfall was observed over parts of Mali, Sierra Leone, Ivory Coast, Cameroon, Congo, DRC, Uganda, Sudan, South Sudan and Ethiopia.

2.2. Weather assessment for the current day (June 19, 2018)

Intense convective clouds are observed over parts of Burkina Faso, Ivory Coast, Nigeria, Cameroon, CAR, South Sudan and Ethiopia.

