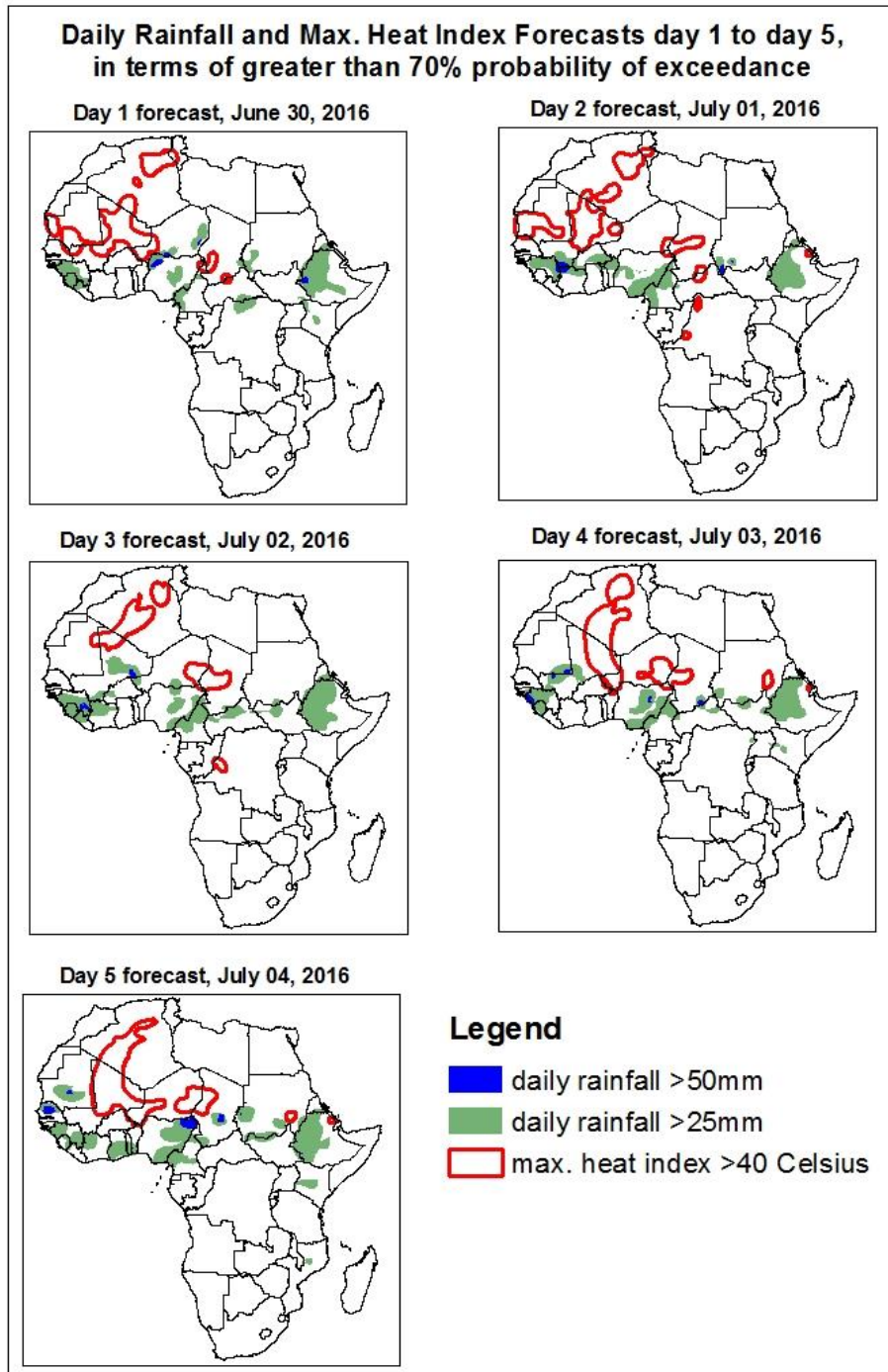


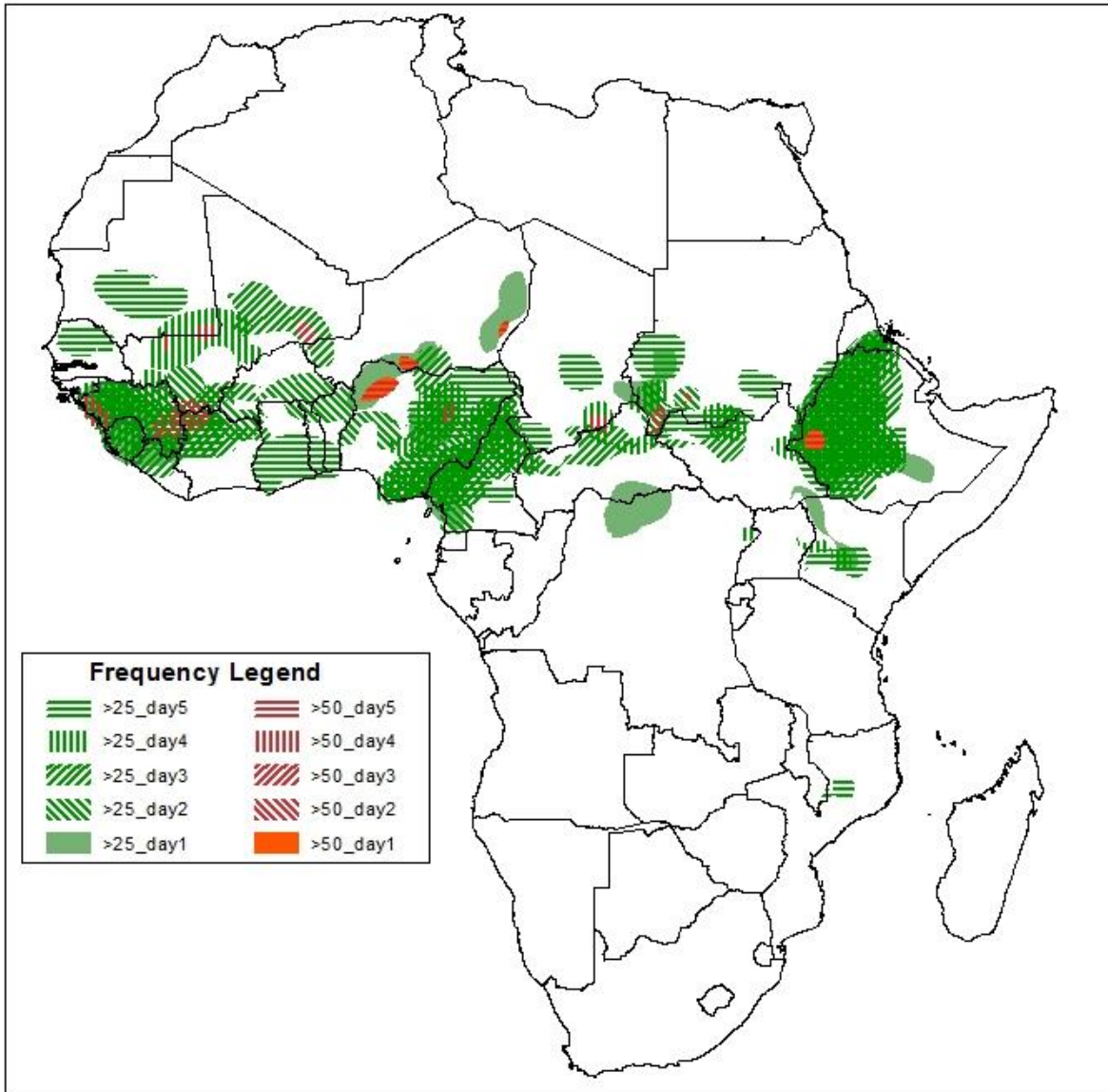
1. Rainfall, Heat Index and Dust Concentration Forecasts, (Issued on June 29, 2016)

1.1. Daily Rainfall and Maximum Heat Index Forecasts (valid: June 30– July 04 2016)

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 June 30- Junly 04 2016

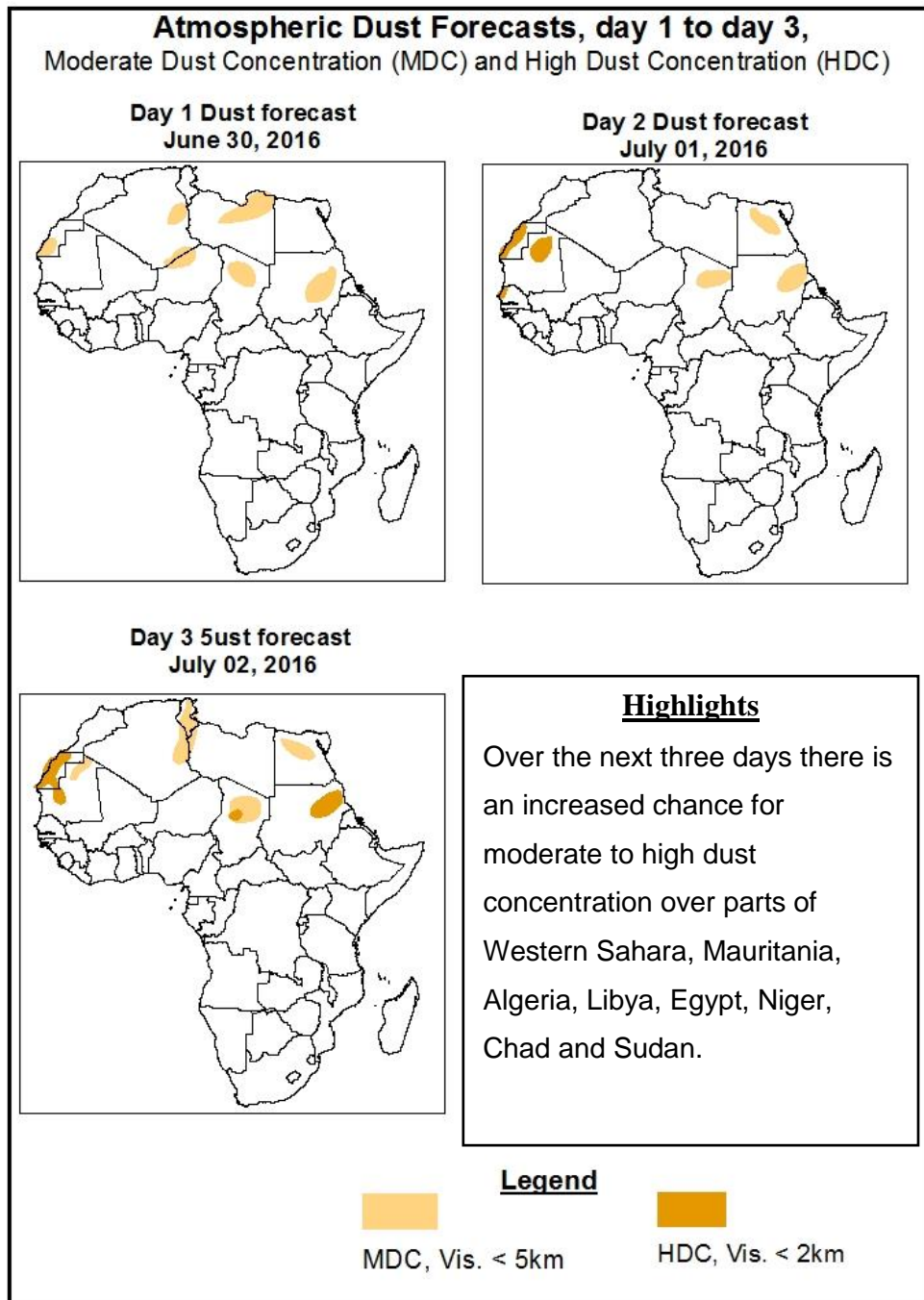


Highlights

Over the next five days, lower level-wind convergence associated with the West African monsoon flow, combined with westward propagating convective systems across Central and West Africa are expected to enhance rainfall in the regions. Local wind convergences across the Horn of Africa are also 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 Guinea Conakry, Sierra Leona, local areas of Mali, western Liberia, northwestern Cote d'Ivoire, portions of Nigeria, Cameroon and CAR, western Liberia, local areas of Mali, northern Cote d'Ivoire, portions of Nigeria, western and northern Cameroon, local areas of southern Chad, local areas of southern and western South Sudan, western Kenya, eastern Eritrea and Ethiopia.

1.2. Atmospheric Dust Concentration Forecasts (valid: June 30 – July 02, 2016)

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 30–July 04, 2016

The Azores high pressure system over the Northeast Atlantic is expected to weaken, with its central pressure value decreasing from 1032hPa to 1028hPa through 24 to 48 hours, and then it tends to maintain an average central pressure value of 1028hPa through 48 to 120hours.

The St. Helena High pressure system over the Southeast Atlantic Ocean is expected to weaken, with its central pressure value decreasing from 1036hPa to 1032hPa through 24 to 48 hours, and then it tends to maintain an average central pressure value of 1032hPa through 72 to 96 hours.

The Mascarene high pressure system over the Southwest Indian Ocean is expected to weaken, with its central pressure value decreasing from 1028hPa to 1027hPa through 24 to 48 hours, and then it tends to weaken, with its central pressure value decreasing from 1029hPa to 1020hPa through 96 to 120 hours.

The 1016hPa isobar, associated with the East African ridge is expected to extend northwards up to Ethiopia through 24 to 120hours. The anticyclonic ridge associated with the St. Helena high pressure system is expected to extend northwards across the Atlantic Ocean, with the 1016hPa isobar reaching the Gulf of Guinea coast during the forecast period. This may lead to increase in rainfall across portions of West Africa.

The central pressure values associated with the heat low in western Sahel is expected remain in the range between 1006hPa and 1008hPa during the forecast period, while the heat low over the central Sahel is expected to remain in the range between 1006hPa and 1009hPa though 24 to 48 hours and to maintain an average central pressure value of 1008hPa through 72 to 96 hours. The central pressure value associated with the heat low across Sudan is expected remain in the range between 1006hPa and 1008hPa during the forecast period.

At 925HPa level an anticyclonic circulation and its associated ridge is expected to prevail across Libya and the neighboring areas during the forecast period. Strong wind may lead to

moderate to high dust concentration across portions of in Western Sahara, Mauritania, Algeria, Libya, Egypt, Niger, Chad and Sudan.

At 850hPa level, a strong zonal wind convergence is expected to prevail in the region between Mali and Sudan, while a dry northerly flow is expected to prevail across the western end of West Africa at 48 to 120 hours.

At 700hPa level, easterly flow is expected to prevail across much of the Gulf of Guinea region and southern Sahel, with wind speed occasionally exceeding 30kts over local areas in the region during the forecast period. A trough in the easterlies, associated with the African easterly wave, is expected to propagate across the region towards end of the forecast period. This will help to enhance westward propagate convective activities across West Africa.

Over the next five days, lower level-wind convergence associated with the West African monsoon flow, combined with westward propagating convective systems across Central and West Africa are expected to enhance rainfall in the regions. Local wind convergences across the Horn of Africa are also 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 Guinea Conakry, Sierra Leona, local areas of Mali, western Liberia, northwestern Cote d'Ivoire, portions of Nigeria, Cameroon and CAR, western Liberia, local areas of Mali, northern Cote d'Ivoire, portions of Nigeria, western and northern Cameroon, local areas of southern Chad, local areas of southern and western South Sudan, western Kenya, eastern Eritrea and Ethiopia.

There is an increased chance for maximum heat index to exceed 40°C over local areas in Mauritania, Mali, Algeria, Tunisia, Niger, Chad, CAR, local areas in DRC, Sudan and northeastern Ethiopia.

2.0. Previous and Current Day Weather over Africa

2.1. Weather assessment for the previous day (June 28, 2016)

Moderate to locally heavy rainfall was observed over Guinea, Serra Leone, western Liberia, local areas of Mali, northern Cote d'Ivoire, portions of Ghana, southern Niger, local areas of southern and eastern Chad, portions of Nigeria, Cameroon CAR, South Sudan, DRC and Ethiopia.

2.2. Weather assessment for the current day (June 29, 2016)

Intense convective clouds are observed over eastern Burkina Faso, western Niger, local areas of northern Ghana, local areas of CAR, South Sudan and Ethiopia.

