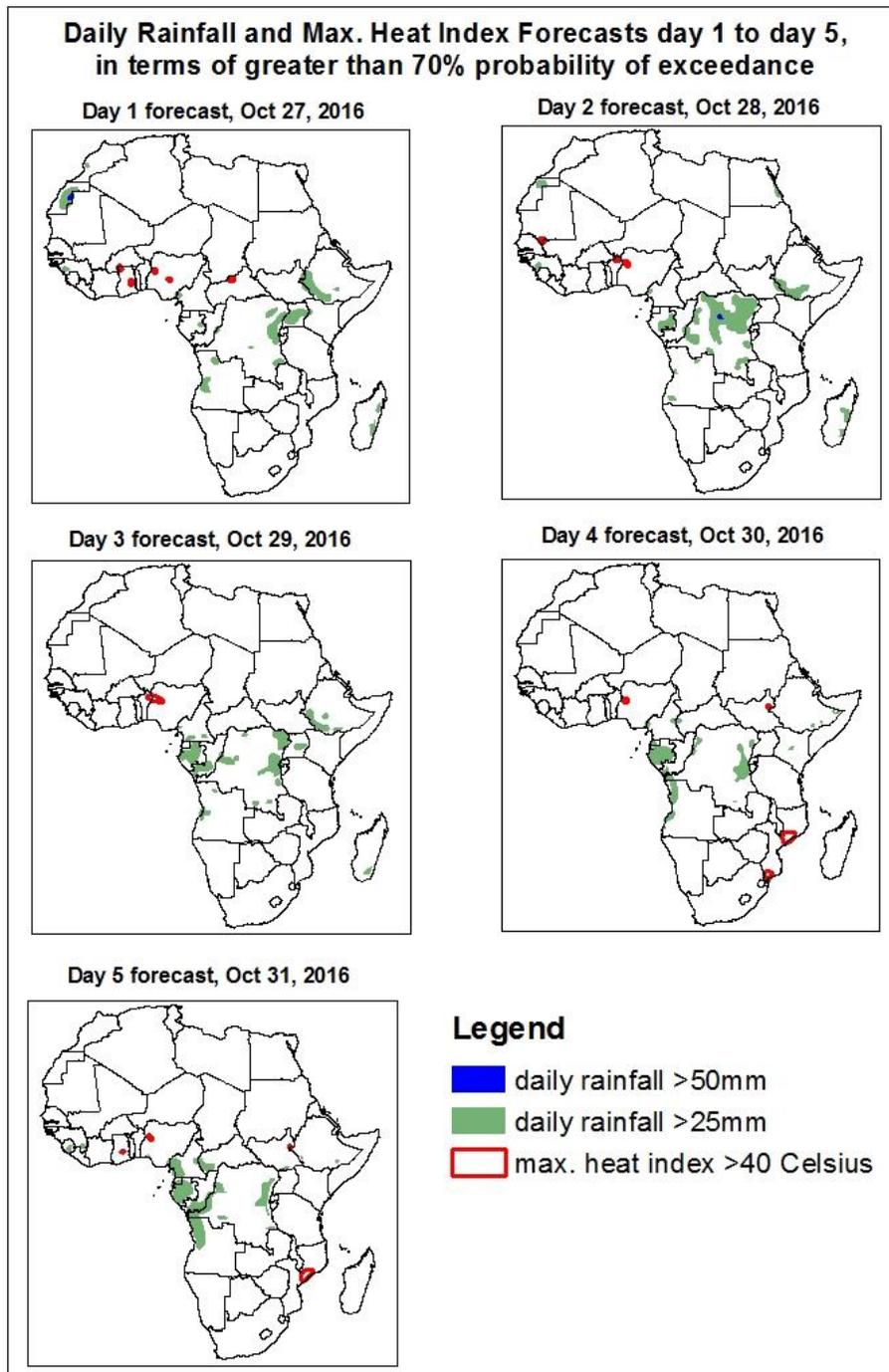


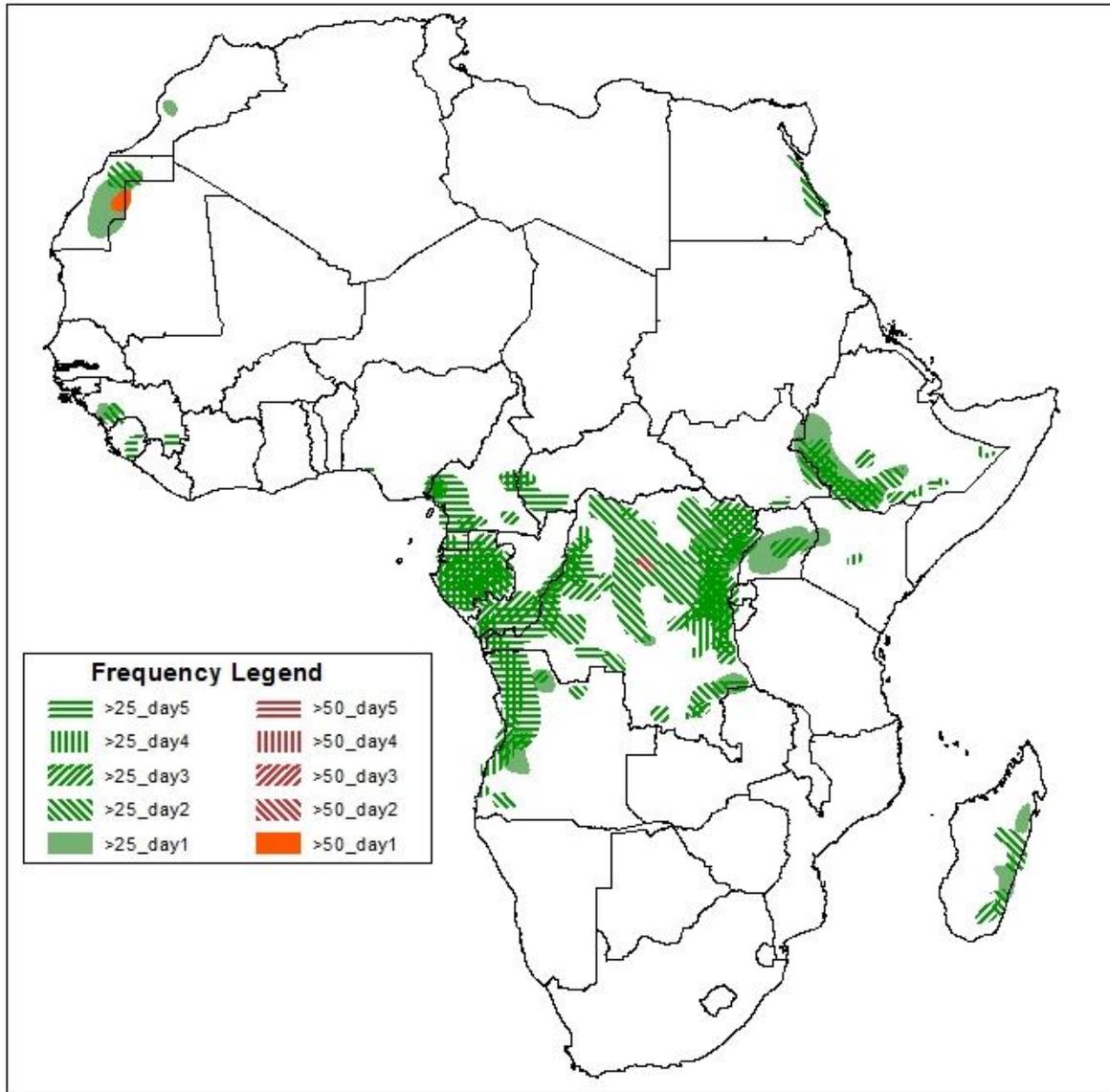
1. Rainfall, Heat Index and Dust Concentration Forecasts, (Issued on Oct 26, 2016)

1.1. Daily Rainfall and Maximum Heat Index Forecasts (valid: Oct 27– Oct 31 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 Oct 27 - Oct 31, 2016

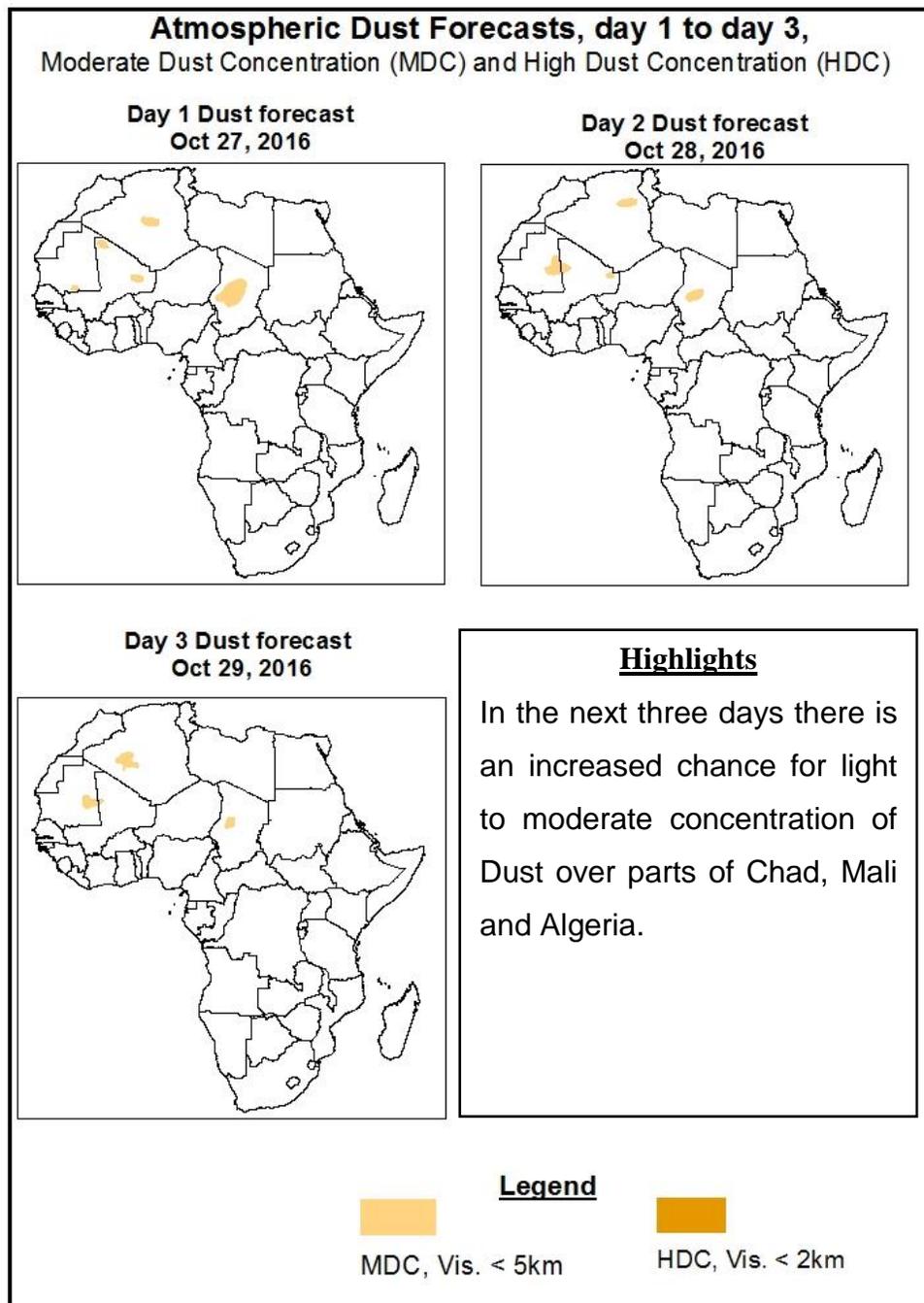


Highlights

In the next five days, lower level wind convergences across CAR, DRC, Angola and the Greater Horn of Africa 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 portion of Gabon, local area of Cameroon, Equatorial Guinea, CAR, DRC, Angola, Madagascar and the Greater Horn of Africa

1.2. Atmospheric Dust Concentration Forecasts (valid: Oct 27– Oct 29 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: Oct 27–Oct 31, 2016

The Azores High Pressure system over the North Atlantic is expected to weaken, with its value of the central pressure decreasing from 1021hPa to 1019hPa during the next 96 hours, the system is expected to intensify with its central value increasing to 1020hPa during the remaining forecast period.

The St. Helena High Pressure system on the Southeast of the Atlantic Ocean is expected to intensify, with its value of the central pressure increasing from 1026hPa to 1030hPa in the next 48 hours, the system is expected to weaken to 1021hPa during the remaining forecast period.

The Mascarene High Pressure system over the Southeast Atlantic Ocean is expected to weaken, with its value of the central pressure decreasing from 1032hPa to 1026hPa during the next 72 hours, the system is expected to intensify to 1030hPa during the remaining forecast period.

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

At 850hPa level, lower level wind convergences are expected to prevail in Angola, CAR, DRC and the Greater Horn of Africa.

In the next five days, lower level wind convergences across CAR, DRC, Angola and the Greater Horn of Africa 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 portion of Gabon, local area of Cameroon, Equatorial Guinea, CAR, DRC, Angola, Madagascar and the Greater Horn of Africa.

2.0. Previous and Current Day Weather over Africa

2.1. Weather assessment for the previous day (Oct 25, 2016)

Moderate to locally heavy rainfall was observed over portion of Western Sahara, Cameroon, Equatorial Guinea, Gabon, Congo and DRC.

2.2. Weather assessment for the current day (Oct 24, 2016)

Intense convective clouds are observed over portions of CAR, DRC, Ethiopia, Rwanda, Burundi, Tanzania, Cameroon and Madagascar.

