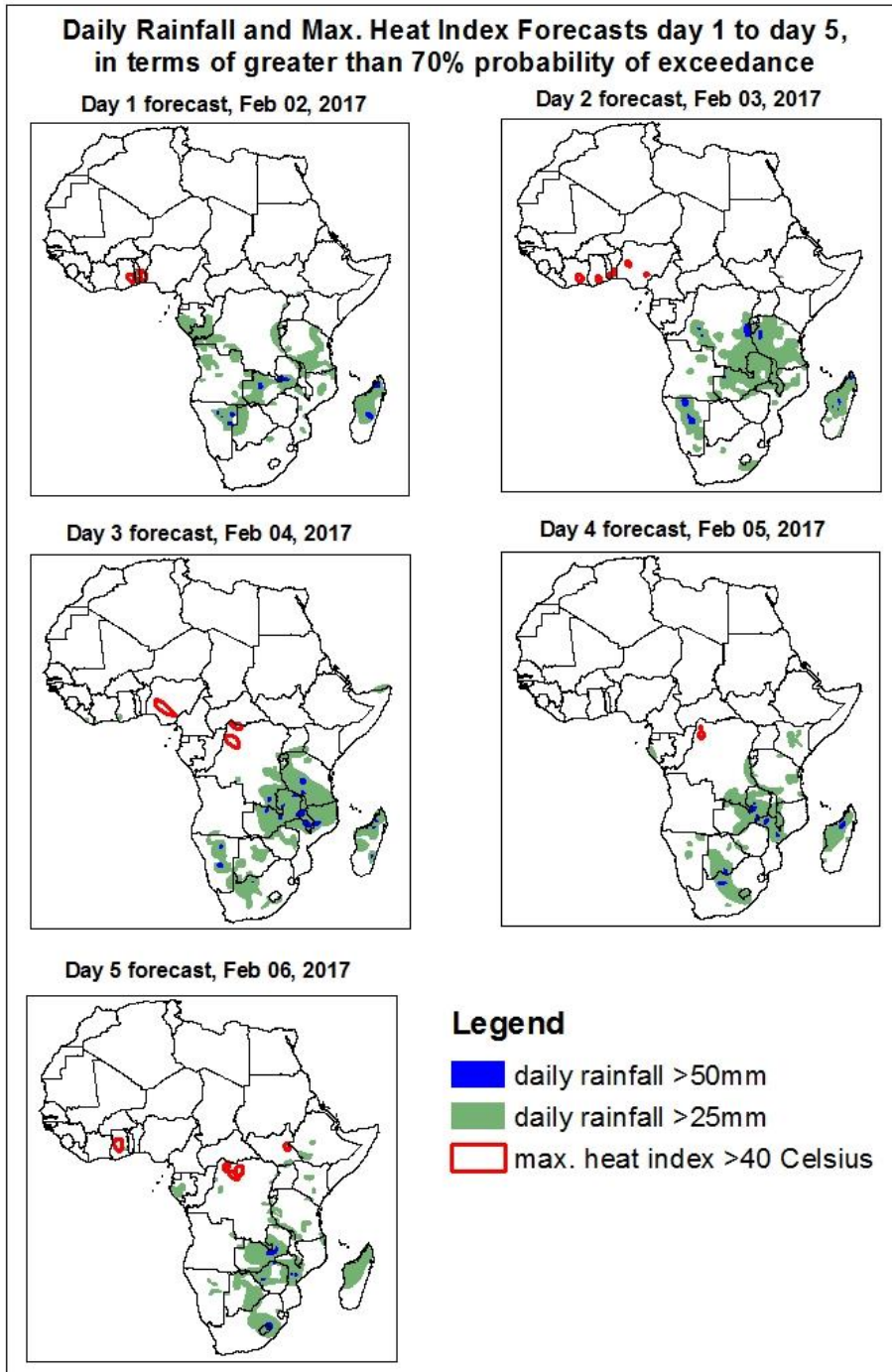


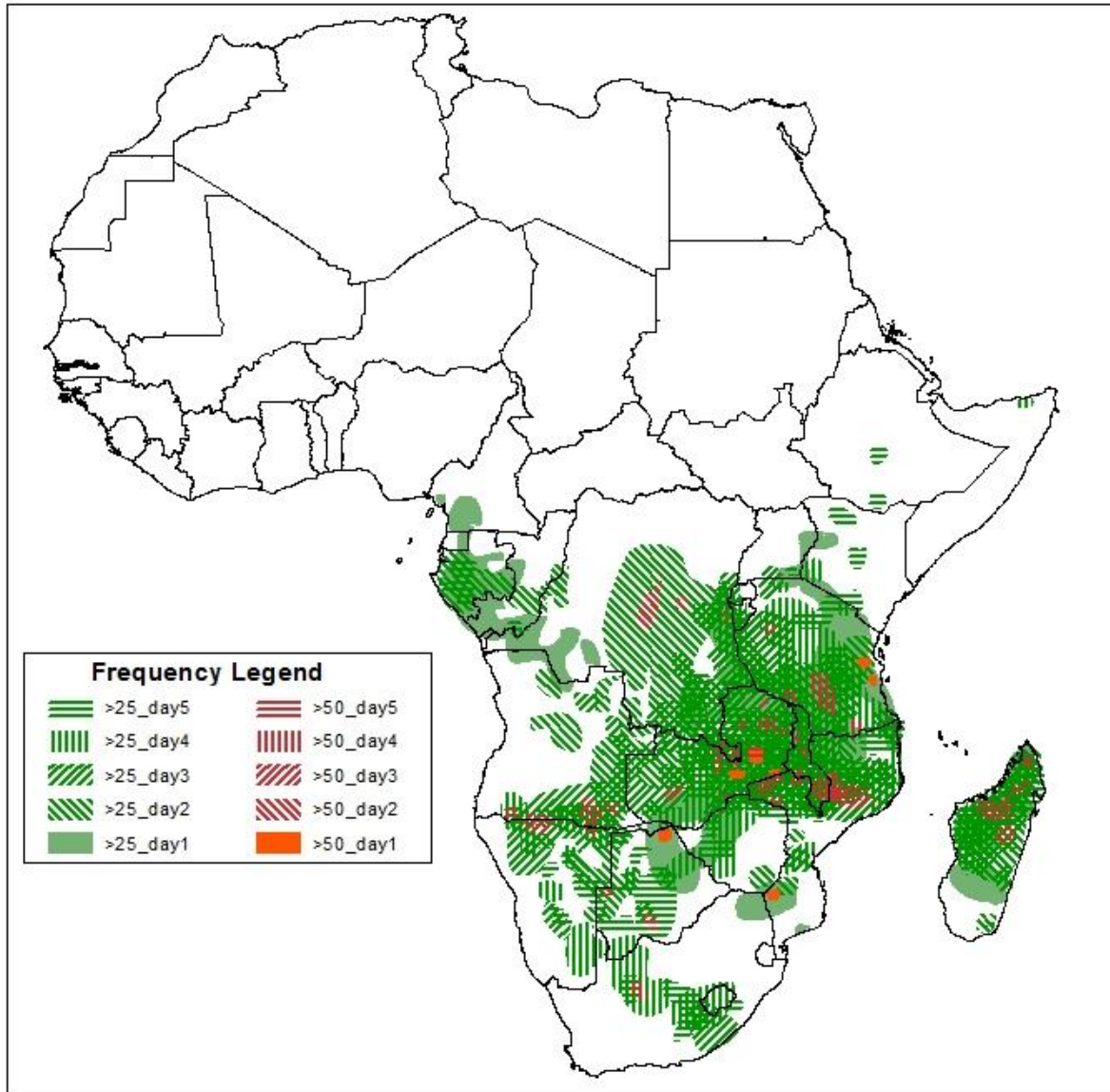
1. Rainfall, Heat Index and Dust Concentration Forecasts, (Issued on Feb 01, 2017)

1.1. Daily Rainfall and Maximum Heat Index Forecasts (valid: Feb 02 – Feb 06, 2017)

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 Feb 02 - Feb 06, 2017

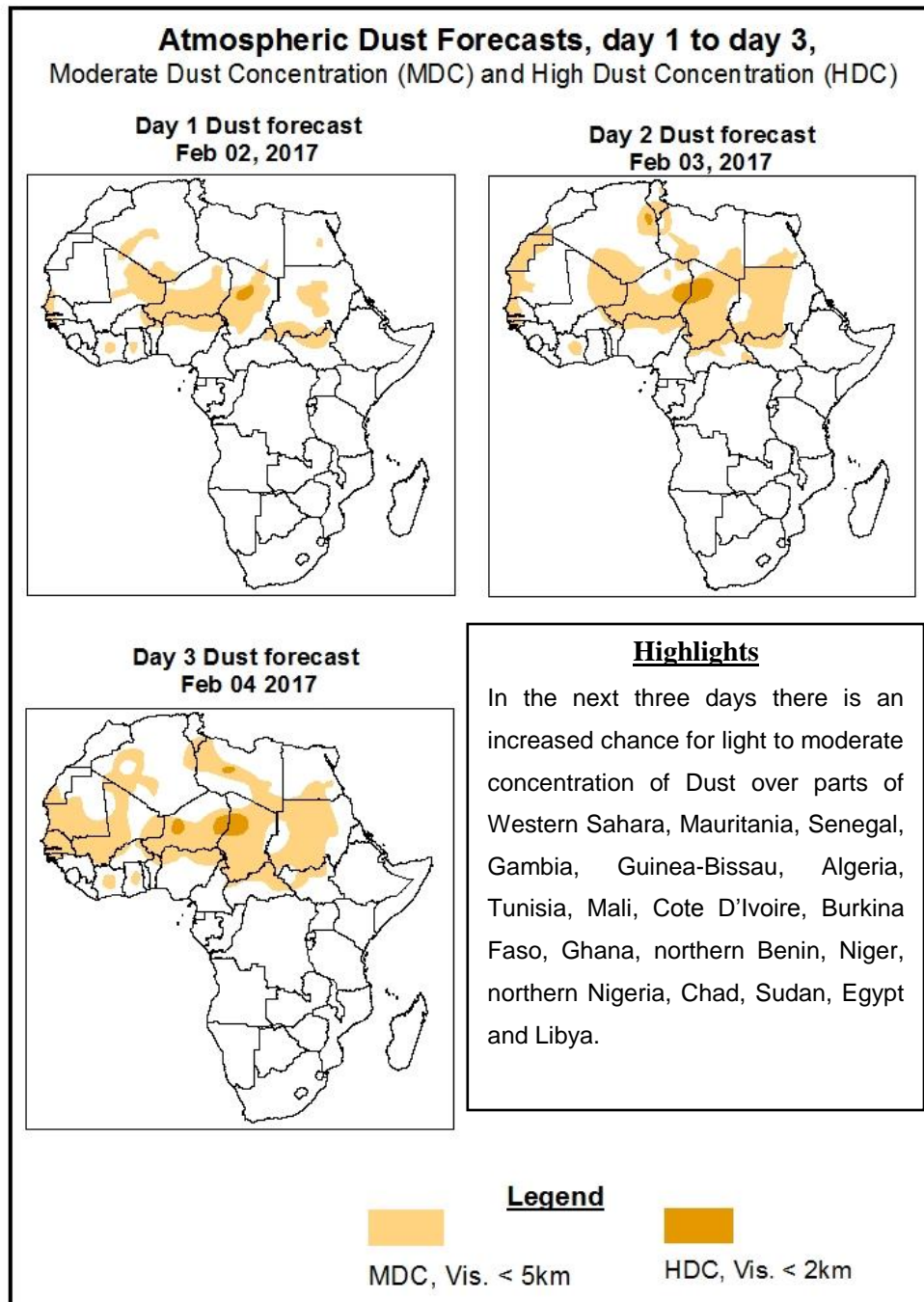


Highlights

In the next five days, lower level wind convergences across the South African countries are expected to enhance rainfall in their respective regions. Therefore, there is an increased chance for two or more days of light to moderate rainfall over portions of Gabon, Tanzania, Zambia, Malawi and Madagascar, local areas of Congo, DRC, Uganda, Kenya, Angola, Mozambique, Namibia, Botswana, Zimbabwe, South Africa and Lesotho.

1.2. Atmospheric Dust Concentration Forecasts (valid: Feb 02 – Feb 04, 2017)

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: Feb 02 – Feb 06, 2017

The Azores High Pressure system over the North Atlantic Ocean is expected to weaken with its value of the central pressure decreasing from 1029hPa to 1027hPa in the next 96 hours, and intensify to 1028hPa during the remaining forecast period.

The St. Helena High Pressure system over the Southeast of the Atlantic Ocean is expected to intensify with its value of the central pressure increasing from 1023hPa to 1029hPa in the next 72 hours and weaken to 1028hPa during the remaining forecast period.

The Mascarene High Pressure system over the Southwest Indian Ocean is expected to intensify with its value of the central pressure increasing from 1024hPa to 1025hPa in the next 96 hours and weaken to 1024hPa during the remaining forecast period.

At 925hPa, strong dry Northerly to Easterly winds may lead from light to moderate dust concentration over parts of Western Sahara, Mauritania, Senegal, Gambia, Guinea-Bissau, Algeria, Tunisia, Mali, Cote D'Ivoire, Burkina Faso, Ghana, northern Benin, Niger, northern Nigeria, Chad, Sudan, Egypt and Libya.

At 850hPa level, lower level wind convergences are expected to prevail over Cameroon, Gabon, CAR, DRC, Uganda, Tanzania, Angola, Zambia, Mozambique, Namibia, Zimbabwe and South Africa.

In the next five days, lower level wind convergences across the South African countries are expected to enhance rainfall in their respective regions. Therefore, there is an increased chance for two or more days of light to moderate rainfall over portions of Gabon, Tanzania, Zambia, Malawi and Madagascar, local areas of Congo, DRC, Uganda, Kenya, Angola, Mozambique, Namibia, Botswana, Zimbabwe, South Africa and Lesotho.

2.0. Previous and Current Day Weather over Africa

2.1. Weather assessment for the previous day (Jan 31, 2017)

Light to moderate rainfall was observed over portions of Ghana, Cameroon, South Sudan, Ethiopia, Gabon, Congo, DRC, Uganda, Kenya, Tanzania, Angola, Zambia, Malawi, Mozambique, Botswana, Zimbabwe, South Africa, and Madagascar.

2.2. Weather assessment for the current day (Feb 01, 2017)

Intense convective clouds are observed over portions of Liberia, Cote D'Ivoire, Ghana, Togo, Benin, Nigeria, Ethiopia, Gabon, Equatorial Guinea, Gabon, Congo, DRC, Uganda, Kenya, Tanzania, Angola, Zambia, Malawi, Mozambique, Namibia, Botswana, South Africa and Madagascar.

