#### CENTRE AFRICAIN POUR LES APPLICATIONS DE LA METEOROLOGIE AU DEVELOPPEMENT



AFRICAN CENTRE OF METEOROLOGICAL APPLICATIONS FOR DEVELOPMENT

Institution Africaine parrainée par la CEA et l'OMM

African Institution under the aegis of UNECA and WMO

# SEASONAL PRECIPITATION FORECAST VALID FOR THE PERIOD OF

# JULY - AUGUST - SEPTEMBER 2008

IN WEST AFRICA, CHAD AND CAMEROON

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## A. INTRODUCTION

From one year to another, the sea surface temperature variations in the pacific (El Nino / La Nina), the Atlantic and the Indian Ocean influence July-August-September 2008 precipitation over West Africa.

## B. <u>CURRENT STATE OF THE OCEANS</u>

The seasonal forecast forum was organized at ACMAD from 21st to 23rd May 2008. The forecast is based on analysis of the ocean conditions and their evolution, the outputs of statistical and dynamical seasonal forecasting systems.

## **B.1 THE EQUATORIAL PACIFIC**

The cool water observed over the Pacific over the past few months will develop from a slightly cold condition to neutral during the period July-August-September 2008.

## **B.2 THE TROPICAL ATLANTIC**

In the Gulf Guinea and the Northern tropical Atlantic, the warm water observed since the beginning of the year will persist during the period July-August-September 2008.

#### **B.3 THE INDIAN OCEAN**

The neutral conditions currently observed over the equatorial Indian ocean will not undergo significant evolution during the coming four months.

## C. <u>FORECAST</u>

The analysis of the sea surface temperatures, the products from seasonal forecasts systems of the global and national centers led to the following consensus:

