ROYAUME DU MAROC Ministère de l'Equipement et de l'Eau DIRECTION GENERALE DE LA METEOROLOGIE



SEASONAL FORECAST OUTLOOK FOR NORTH AFRICA

February-March-April 2024 issued on January 2024

Seasonal forecast outlook for North Africa RCC domain is based on several dynamical and statistical models in addition to the influence of some specific modes of teleconnection on global and regional scale. We also try to exploit the sources of predictability contained in the sea surface temperature (SST) by statistical methods when it is possible. We note, however, that this influence is not the same from one region to another or throughout all the year.

NB:

1. New: Multi-model probabilistic forecasts from Copernicus C3S and WMO LC-LRFMME

2. All dynamical forecasts are experimental.

SYNTHESIS

The analysis of current circulation, sea surface temperature, ENSO phenomenon and dynamical/statistical models outputs show for February-March-April 2024:

• For temperature:

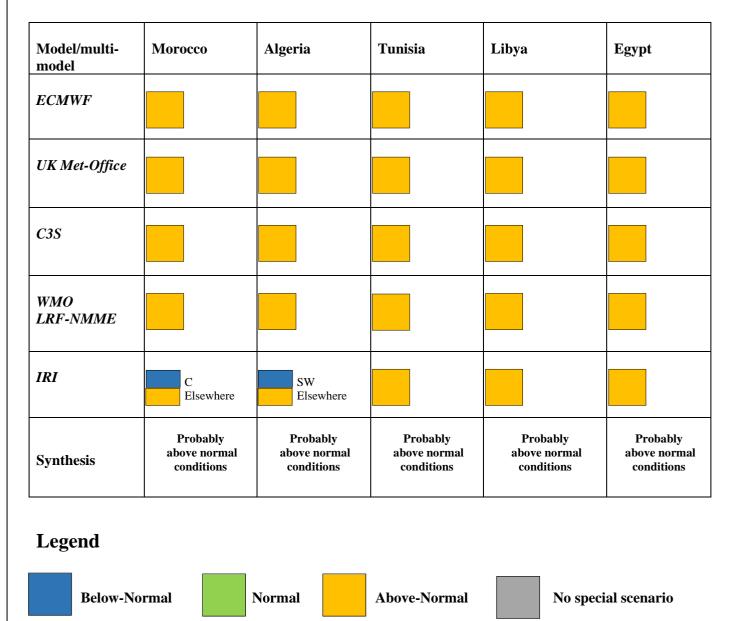
Probably above normal conditions over Morocco, Algeria, Tunisia, Libya and Egypt.

• For precipitation:

- Probably normal to below normal conditions over Morocco, Northern Algeria, Libya and Egypt.
- An equal chance of occurrence for below, near and above normal seasonal precipitation over the remaining parts of Algeria and Tunisia

TABLES SUMMARIZING SEASONAL TEMPERATURE AND PRECIPITATION FORECAST FEBRUARY-MARCH-APRIL 2024

I. Seasonal Temperature Forecast



N: North; S: South; W: West; E: East; C: Center; ATL: Atlas

