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

المملكـة المغربـية
وزارة التجهيـــزوالمـــــاء
المديـرية العامة للأرصاد الجويـة

SEASONAL FORECAST OUTLOOK FOR NORTH AFRICA

March-April-Mai 2022 issued on Februray 2022

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 March-April-Mai 2022:

- **For temperature:**
  - Probably normal to above normal conditions over Morocco, Algeria, Tunisia, Libya and most of Egypt.
- **For precipitation:**
  - Probably normal to below normal conditions over almost all Morocco and the far North of Algeria
  - No special scenario over Egypt, Libya, Tunisia and the remaining parts of Algeria.

NB: ***Precipitation forecasts are given for September to May (the main rainy season). Temperature forecasts are given for January to December.***

TABLES SUMMARIZING SEASONAL FORECAST
MARCH-APRIL-MAI 2022

I. Seasonal Temperature Forecast

Model/multi-model	Morocco	Algeria	Tunisia	Libya	Egypt
ECMWF				Almost Libya	Far N SW Elsewhere
UK Met-Office				N Elsewhere	Far N Elsewhere
C3S				Almost Libya	Far N Elsewhere
LRF-NMME				W Elsewhere	N&W Elsewhere
IRI	Almost Morocco	Almost Algeria		Almost Libya	N&W Elsewhere NE
Synthesis	**Probably normal to above normal conditions**	**Probably normal to above normal conditions**	**Probably normal to above normal conditions**	**Probably normal to above normal conditions**	**No special Scenario over the Far North Probably normal to above normal conditions elsewhere**

Legend

Below-Normal **Normal** **Above-Normal** **No special scenario**

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

II. Seasonal Precipitation Forecast

Model/multi-model	Morocco	Algeria	Tunisia	Libya	Egypt
ECMWF	CW&SW Elsewhere	C&N Elsewhere	S Elsewhere	W Elsewhere	Almost Egypt
UK Met-Office	Almost Morocco	N Elsewhere	Almost Tunisia	Almost Libya	Almost Egypt
C3S	NW Elsewhere	CW Elsewhere	Far N Elsewhere	Almost Libya	Almost Egypt
LRF-NMME	NW Elsewhere	Far N Elsewhere	N Elsewhere	Almost Libya	NE Elsewhere
IRI	Almost Morocco	Almost Algeria		NE Elsewhere	
Synthesis	**Probably normal to below normal conditions over most of Morocco**	**Probably normal to below normal conditions over the Far North No special scenario elsewhere**	**No special scenario**	**No special scenario**	**No special scenario**

Legend

Below-Normal **Normal** **Above-Normal** **No special scenario**

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