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



SEASONAL FORECAST OUTLOOK FOR NORTH AFRICA

January-February-March 2022 issued on December 2021

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:

New: Multi-model probabilistic forecasts from Copernicus C3S and WMO LC-LRFMME
All dynamical forecasts are experimental.

SYNTHESIS

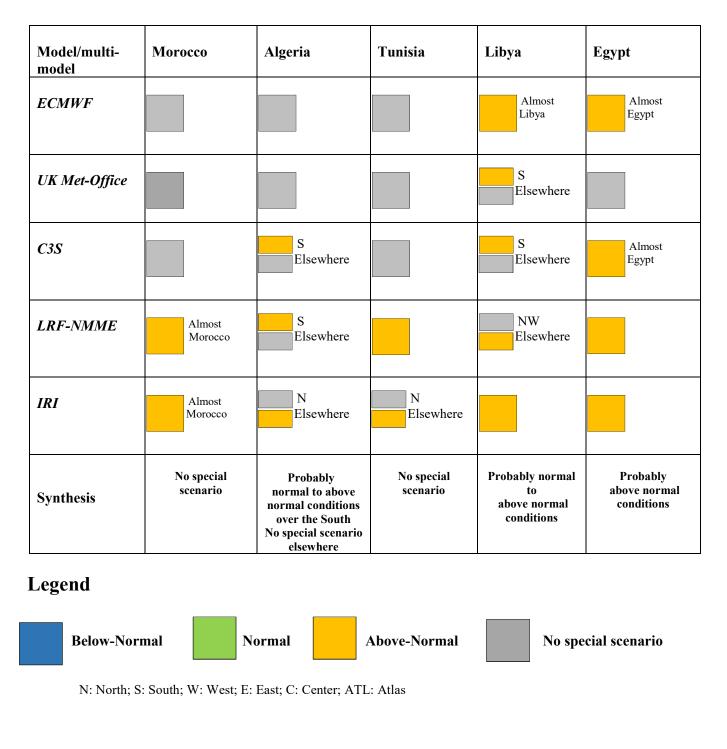
The analysis of current circulation, sea surface temperature, ENSO phenomenon and dynamical/statistical models outputs show probably for January-February-March 2022:

- For temperature:
 - 4 Probably normal to above normal conditions over Southern Algeria and Libya.
 - Probably above normal conditions over Egypt.
 - 4 No special scenario over Morocco, Tunisia and the remaining part of Algeria.
- For precipitation:
 - Probably normal to above normal conditions over Southeastern Algeria, Southern Tunisia, and almost all Libya.
 - Frobably normal to below normal conditions over Northwestern Morocco.
 - ♣ No special scenario over Egypt and the remaining parts of Morocco, Algeria and Tunisia.

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

TABLES SUMMARIZING SEASONAL FORECAST JANUARY-FEBRUARY-MARCH 2022

I. Seasonal Temperature Forecast



II. Seasonal Precipitation Forecast

Model/multi- model	Morocco	Algeria	Tunisia	Libya	Egypt
ECMWF	Almost Morocco	N Elsewhere	N Elsewhere	Almost Libya	N Elsewhere
UK Met-Office	Almost Morocco	S Elsewhere	S Elsewhere	Almost Libya	C Elsewhere
C3S		E Elsewhere	N Elsewhere	W Elsewhere	
LRF-NMME	NW Elsewhere	Far.N Elsewhere	S Elsewhere	Almost Libya	Almost Egypt
IRI	Almost Morocco	C Elsewhere	S Elsewhere	C Elsewhere	Almost Egypt
Synthesis	No special scenario over the NW Probably normal to below normal conditions elsewhere	Probably normal to above normal conditions over the Southeast No special scenario elsewhere	Probably normal to above normal conditions over the South No special scenario elsewhere	Probably normal to above normal conditions over most of Libya	No special scenario
Legend Below-Nori	nal Nor	mal Abov	/e-Normal	No special sce	nario
N: North; S: South;	W: West; E: East; C:	Center; ATL: Atlas			