



SEASONAL FORECAST OUTLOOK FOR NORTH AFRICA

February-March-April 2022 issued on January 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 probably for February-March-April 2022:

- **For temperature:**

- ✚ Probably normal to above normal conditions over Morocco, Algeria and Northern Tunisia.
- ✚ No special scenario over Egypt, Libya and the remaining parts of Tunisia.

- **For precipitation:**































- ✚ Probably normal to below normal conditions over almost all Morocco and the far north of Algeria and Tunisia.
- ✚ No special scenario over Egypt, Libya and the remaining parts of Algeria and Tunisia.

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

FEBRUARY-MARCH-APRIL 2022

I. Seasonal Temperature Forecast




















































Model/multi-model	Morocco	Algeria	Tunisia	Libya	Egypt
<i>ECMWF</i>		 N  Elsewhere	 Almost Tunisia	 Almost Libya	 Far N  Elsewhere
<i>UK Met-Office</i>			 S  Elsewhere		
<i>C3S</i>					
<i>LRF-NMME</i>				 Almost Libya	 E  Elsewhere
<i>IRI</i>	 Almost Morocco	 Almost Algeria	 Almost Tunisia	 S  Elsewhere	 Almost Egypt
Synthesis	Probably normal to above normal conditions	Probably normal to above normal conditions	Probably normal to above normal conditions over the North No special scenario elsewhere	No special scenario	No special scenario

Legend



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

II. Seasonal Precipitation Forecast

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

Legend



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