



## SEASONAL FORECAST OUTLOOK FOR NORTH AFRICA

September-October-November 2021 issued on August 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:**

- 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 September-October-November 2021:

- For temperature:
  - ✚ Probably normal to above normal conditions over almost all Morocco, Algeria, Tunisia and Libya.
  - ✚ No special scenario over Egypt.
- For precipitation:
  - ✚ Normal to below normal conditions over Northern Algeria, Northern Tunisia and Northern Egypt.
  - ✚ No special scenario over Morocco, Libya and the remaining part of the Algeria, Tunisia, and Egypt.

**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 SEPTEMBER-OCTOBER-NOVEMBER 2021

### I. Seasonal Temperature Forecast

Model/multi-model	Morocco	Algeria	Tunisia	Libya	Egypt
<i>ECMWF</i>	 SE ATL side & SE  Elsewhere	 Almost Algeria		 Far. N  Elsewhere	
<i>UK Met-Office</i>				 N  Elsewhere	 Almost Egypt
<i>C3S</i>					
<i>LRF-NMME</i>					
<i>IRI</i>	 Almost Morocco	 SE  Elsewhere	 Almost Tunisia	 S  Elsewhere	 Almost Egypt
<b>Synthesis</b>	No special scenario over Atlantic coasts. Probably normal to above normal conditions elsewhere.	Probably normal to above normal conditions.	Probably normal to above normal conditions	Probably normal to above normal conditions.	No special scenario

### 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
<i>ECMWF</i>	 S  Elsewhere	 N  Elsewhere	 NW  Elsewhere	 NE  Elsewhere	 N  Elsewhere
<i>UK Met-Office</i>					
<i>C3S</i>	 NW  Elsewhere			 NE  Elsewhere	 S  Elsewhere
<i>LRF-NMME</i>	 Almost N  Elsewhere	 N  Elsewhere	 Far. N  Elsewhere	 to 	 to 
<i>IRI</i>	 NW& Far. S  NE  Elsewhere	 C&SE  Elsewhere	 Almost Tunisia	 Far. N  Elsewhere	 Far. N  Elsewhere
<b>Synthesis</b>	No special scenario	Normal to below normal conditions over the North. No special scenario elsewhere	Normal to below normal conditions over the North. No special scenario elsewhere	No special scenario.	Normal to below normal conditions over the North. No special scenario elsewhere

### Legend



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