



SEASONAL FORECAST OUTLOOK FOR NORTH AFRICA

October-November-December 2021 issued on September 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 October-November-December 2021:

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

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 OCTOBER-NOVEMBER-DECEMBER 2021

I. Seasonal Temperature Forecast
















































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

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>	 Almost Morocco  Elsewhere	 W&S  Elsewhere	 W  Elsewhere	 NE&SW  Elsewhere	 Almost Egypt
<i>UK Met-Office</i>	 N  Elsewhere	 N&E  Elsewhere	 C  Elsewhere	 Almost Libya	 Almost Egypt
<i>C3S</i>	 NW  Elsewhere	 Far. N  Elsewhere	 Far. N  Elsewhere	 NE  Elsewhere	 Almost Egypt
<i>LRF-NMME</i>	 S  Elsewhere	 N  S  Elsewhere	 Far. N  Elsewhere	 N  Elsewhere	 N  Elsewhere
<i>IRI</i>	 C  Elsewhere	 N  Elsewhere	 SE  Elsewhere	 N  Elsewhere	 NE  Elsewhere
Synthesis	Normal to below normal conditions over the North. No special scenario elsewhere	Normal to below normal conditions over the Far North. No special scenario elsewhere	No special scenario	No special scenario	Normal to below normal conditions over almost all Egypt

Legend



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