



SEASONAL FORECAST OUTLOOK FOR NORTH AFRICA
November-December-January 2021/20211 issued on October 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 November-December-January 2021:

- For temperature:
 - ✚ Probably normal to above normal conditions over Morocco
 - ✚ Probably above normal conditions over Algeria, Tunisia, Libya and Egypt.
- For precipitation:
 - ✚ Normal to below normal conditions over Egypt and Northeast Libya.
 - ✚ No special scenario over Morocco, Algeria, Tunisia and the remaining part of 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 NOVEMBER-DECEMBER-JANUARY 2021/2022

I. Seasonal Temperature Forecast














































Model/multi-model	Morocco	Algeria	Tunisia	Libya	Egypt
<i>ECMWF</i>	 Almost Morocco	 Almost Algeria		 Almost Libya	 Almost Egypt
<i>UK Met-Office</i>					 to 
<i>C3S</i>					
<i>LRF-NMME</i>					
<i>IRI</i>	 Almost Morocco			 Almost Libya	 NW&E  Elsewhere
Synthesis	Probably normal to above normal conditions	Probably above normal conditions	Probably above normal conditions	Probably above normal conditions	Probably above normal conditions

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			 NE  Elsewhere	 Almost Egypt
<i>UK Met-Office</i>	 NW  Elsewhere	 CW  Elsewhere	 N  Elsewhere	 Almost Libya	 Almost Egypt
<i>C3S</i>	 Far.NW  Elsewhere	 N  Elsewhere		 NE  , Elsewhere	 Almost Egypt
<i>LRF-NMME</i>	 Far. NW  Elsewhere	 Far. N  Elsewhere	 Far. N  Elsewhere	 NE  SE  Elsewhere	 to 
<i>IRI</i>	 S  Elsewhere	 NW  NE  Elsewhere	 N  Elsewhere	 NE  Elsewhere	 NE  NW  Elsewhere
Synthesis	No special scenario	No special scenario	No special scenario	Normal to below normal conditions over the NE. No special scenario elsewhere	Normal to below normal conditions

Legend



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