



SEASONAL FORECAST OUTLOOK FOR NORTH AFRICA

September-October-November 2022 issued on August 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 for September-October-November 2022:

- **For temperature:**

- ✚ Probably normal to above normal conditions over most of Morocco, most of Algeria, Tunisia, Northeastern Libya and Southeastern Egypt.
- ✚ An equal chance of below, near and above normal seasonal mean temperature over the remaining parts of Libya and Egypt.

- **For precipitation:**

- ✚ Probably normal to below normal conditions over Northern Morocco, Northern Algeria, Northern Libya and Northern Egypt.
- ✚ An equal chance of below, near and above normal seasonal precipitation elsewhere.





































NB: Precipitation forecasts are given for September to May (the main rainy season).

Temperature forecasts are given for January to December.

TABLES SUMMARIZING SEASONAL TEMPERATURE FORECAST

SEPTEMBER-OCTOBER-NOVEMBER 2022

I. Seasonal Temperature Forecast






































Model/multi-model	Morocco	Algeria	Tunisia	Libya	Egypt
<i>ECMWF</i>	 Almost Morocco			 NW  Elsewhere	 SE  Elsewhere
<i>UK Met-Office</i>		 SE  Elsewhere		 Almost Libya	 W  S  Elsewhere
<i>C3S</i>		 Almost Algeria		 NW  Elsewhere	 SE  Elsewhere
<i>WMO LRF-NMME</i>		 Almost Algeria		 Almost Libya	
<i>IRI</i>		 SE  Elsewhere	 N  Elsewhere	 NE&W  Elsewhere	 N&E  Elsewhere
Synthesis	Probably normal to above normal conditions over almost all Morocco	Probably normal to above normal conditions over almost all Algeria	Probably normal to above normal conditions	Probably normal to above normal conditions over Northeastern Libya No special scenario elsewhere	Probably normal to above normal conditions over Southeastern Egypt 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>		 NW  Elsewhere		 N  Elsewhere	 N  Elsewhere
<i>UK Met-Office</i>					
<i>C3S</i>	 N  Elsewhere	 Almost Algeria		 Almost Libya	 Almost Egypt
<i>LRF-NMME</i>	 N  Elsewhere	 N  Elsewhere	 N  Elsewhere	 N  Elsewhere	 N&E  Elsewhere
<i>IRI</i>	 N  Elsewhere	 Almost Algeria	 Almost Tunisia	 NW  Elsewhere	 N  Elsewhere
Synthesis	Probably normal to below normal conditions over the North No special scenario elsewhere	Probably normal to below normal conditions over the North No special scenario elsewhere	No special scenario	Probably normal to below normal conditions over the North No special scenario elsewhere	Probably 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