### Ministère de l'Equipement et de l'Eau



المملكة المغربية وزارة التجهيزوالمساء المديرية العامة للأرصاد الجوسة

#### **DIRECTION GENERALE DE LA METEOROLOGIE**

### SEASONAL FORECAST OUTLOOK FOR NORTH AFRICA

January-February-March 2025 issued on December 2024

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 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 the following for January-February-March 2025:

### For temperature:

 Probably above normal conditions over Morocco, Algeria, Tunisia, Libya and Egypt.

### For precipitation:

- Probably below normal conditions over Northern Morocco, Northern Algeria, Northeastern Egypt.
- Probably above normal conditions over Northern Libya
- No specific scenario is expected over the remaining area of North African countries

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 AND PRECIPITATION FORECAST JANUARY-FEBRUARY-MARCH 2025

### I. Seasonal Temperature Forecast

| Model/multi-<br>model | Morocco                                | Algeria                                | Tunisia                                | Libya                                  | Egypt                                  |
|-----------------------|--|--|--|--|--|
| ECMWF                 |  |  |  |  |  |
| UK Met-Office         |  |  |  |  |  |
| C3S                   |  |  |  |  |  |
| WMO<br>LRF-NMME       |  |  |  |  |  |
| IRI                   |  |  |  |  |  |
| Synthesis             | Probably<br>above normal<br>conditions |

## Legend



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

### **II. Seasonal Precipitation Forecast**

| Model/multi-<br>model | Morocco   | Algeria  | Tunisia                | Libya   | Egypt   |
|-----------------------|---|--|------------------------|---|---|
| ECMWF                 |   |  |                        | NE<br>Elsewhere                                       | N<br>Elsewhere  |
| UK Met-<br>Office     |   |  |                        |   |   |
| C3S                   | N<br>Elsewhere  | N<br>Elsewhere   |                        | N<br>Elsewhere  | NE<br>Elsewhere   |
| LRF-NMME              | N<br>Elsewhere  | N<br>Elsewhere   |                        | N<br>Elsewhere  | NE<br>Elsewhere   |
| IRI                   | C<br>Elsewhere  |  |                        | N<br>Elsewhere  |   |
| Synthesis             | Probably below<br>normal conditions<br>over the North | Probably below<br>normal<br>conditions over<br>the North | No special<br>scenario | Probably above<br>normal conditions<br>over the North | Probably below<br>normal conditions<br>over the North<br>East |

## Legend



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