

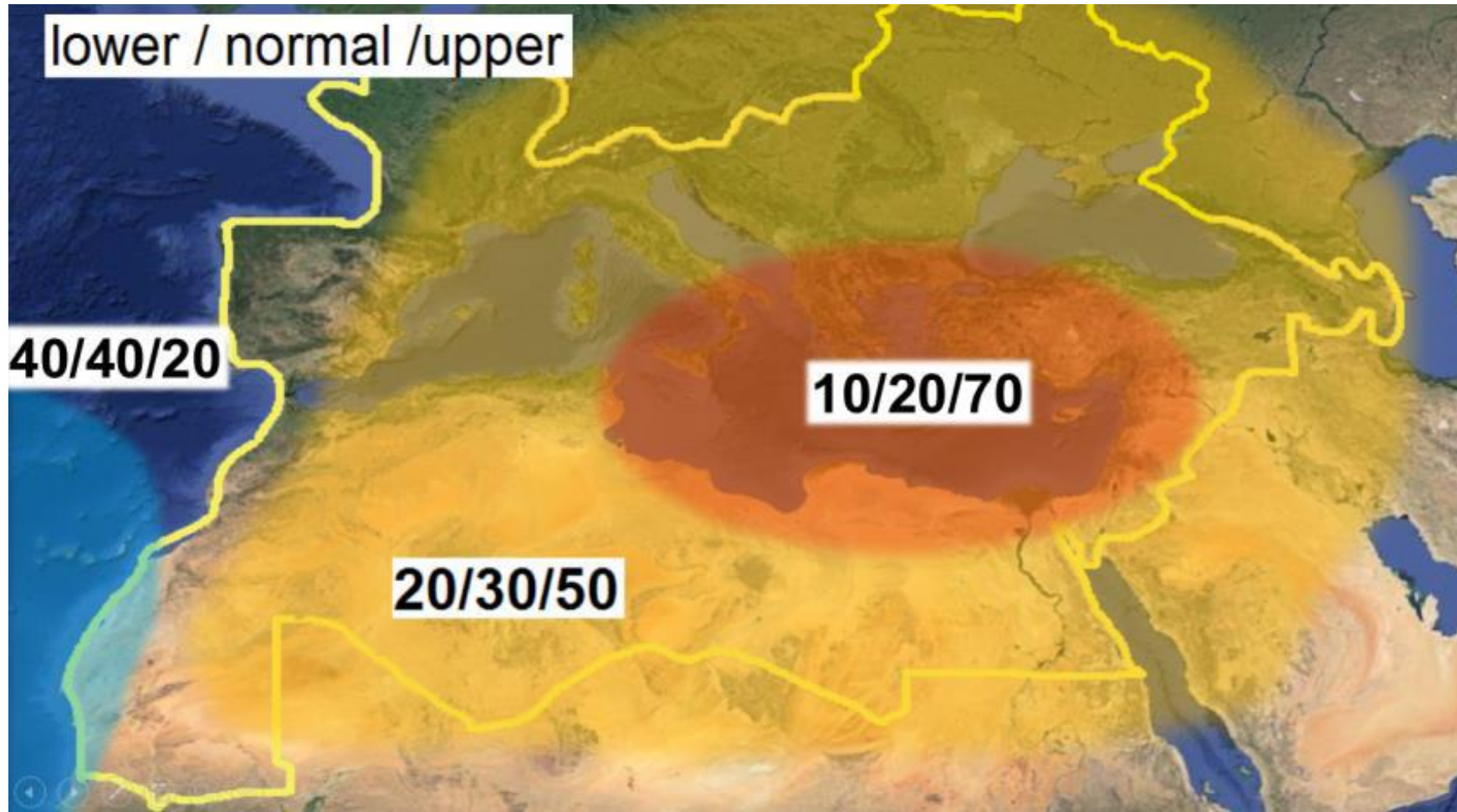


MEDITERRANEAN CLIMATE OUTLOOK FORUM MEDCOF-11 MEETING

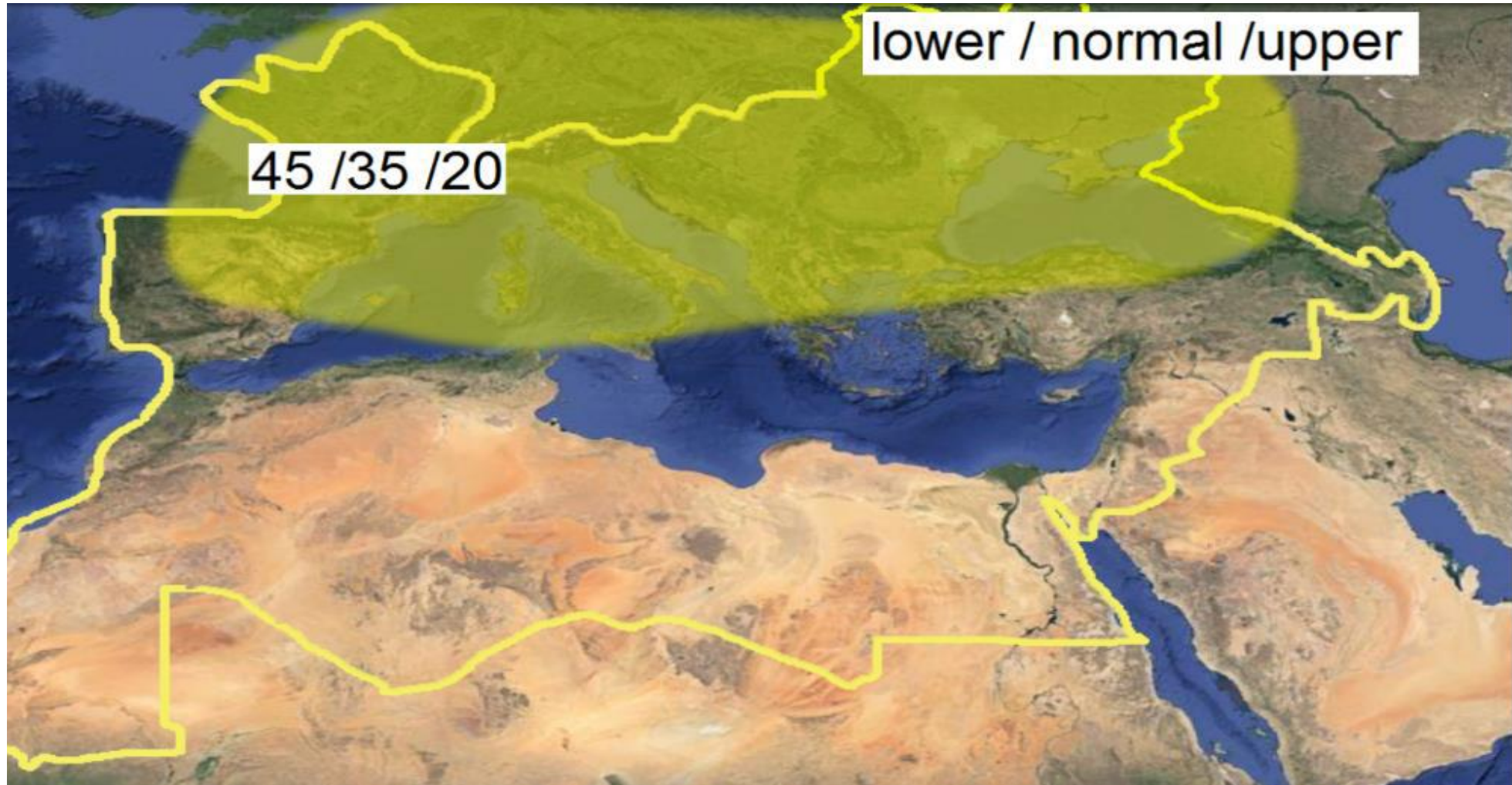
**ANALYSIS AND VERIFICATION OF THE MEDCOF-10 CLIMATE OUTLOOK FOR
THE 2018 SUMMER SEASON FOR THE MEDITERRANEAN REGION (MED)**

MEDCOF SUMMER VERIFICATION
Region: North-Africa

MedCOF-10 Climate outlook for the 2018 summer season: **Temperature**



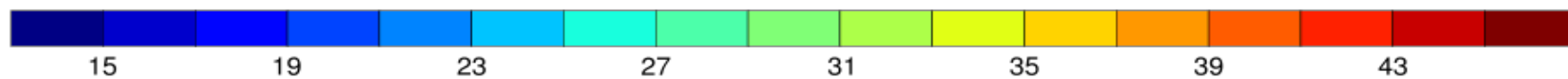
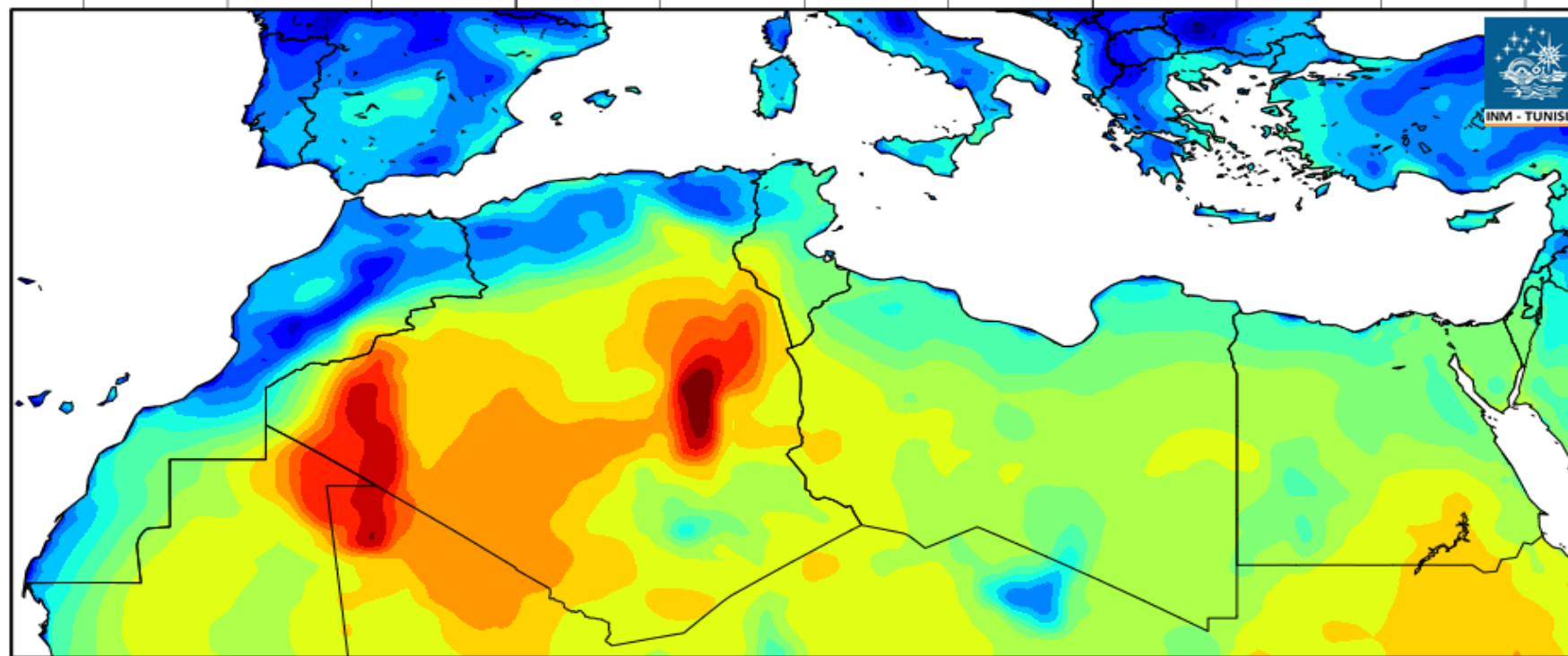
MedCOF-10 Climate outlook for the 2018 summer season: **PRECIPITATION**



Analysis of the 2018 summer season: Temperature

Average Temperature (°C)

Summer 2018

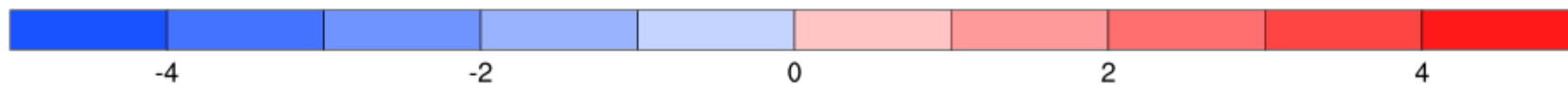
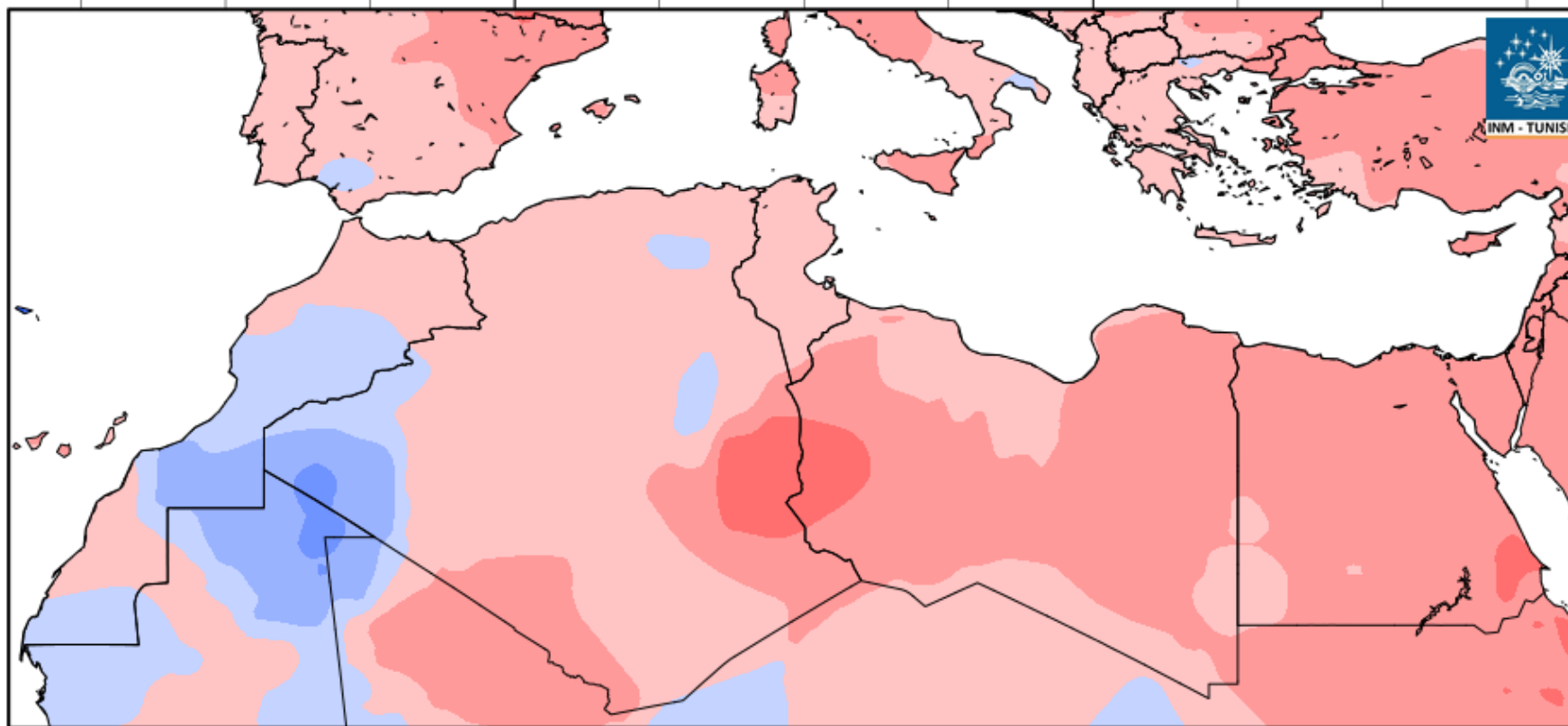


Data Source: NCEP/NCAR-Reanalysis

North African Regional Climate Center
National Institute of Meteorology Tunisia

Anomaly Temperature in °C (Base period: 1981-2010)

Summer 2018



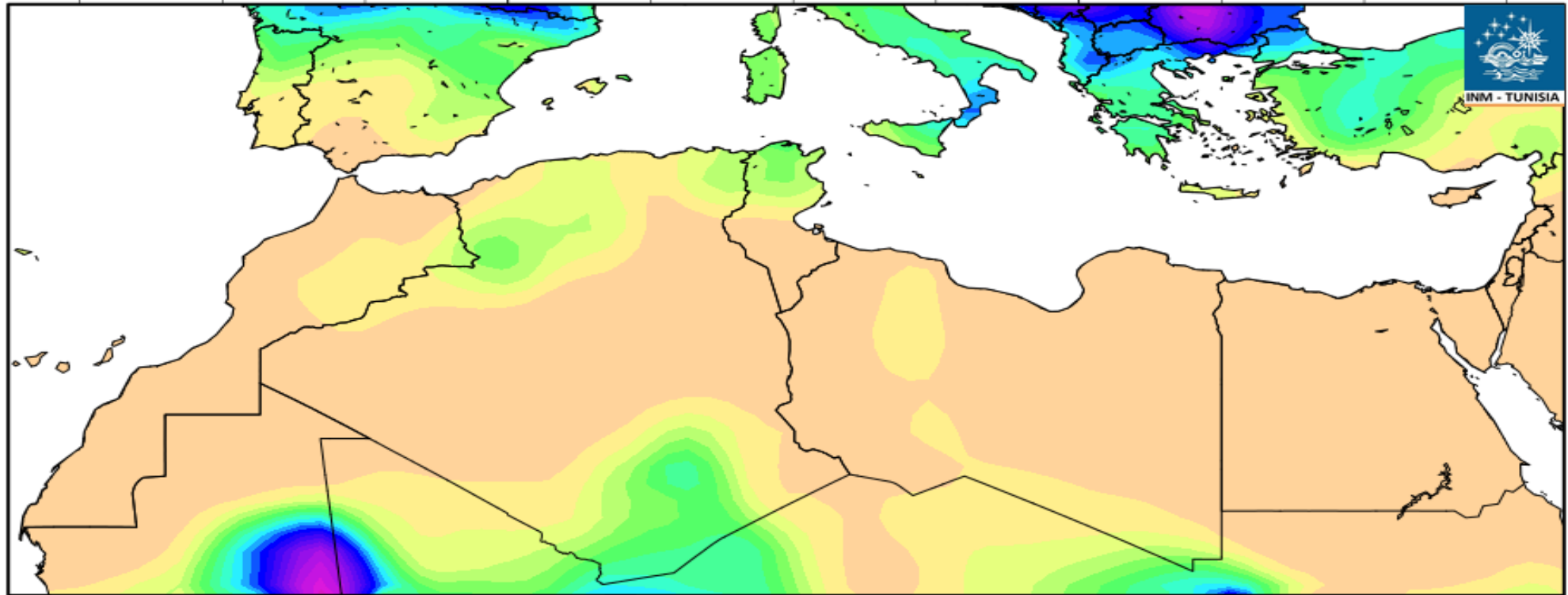
Data Source: NCEP/NCAR-Reanalysis

North African Regional Climate Center
National Institute of Meteorology Tunisia

Total precipitation for summer 2018 season in North Africa (in mm)

Accumulated Precipitation (mm)

Summer 2018



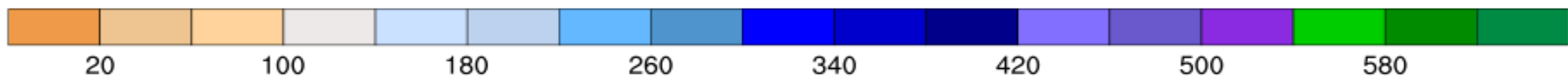
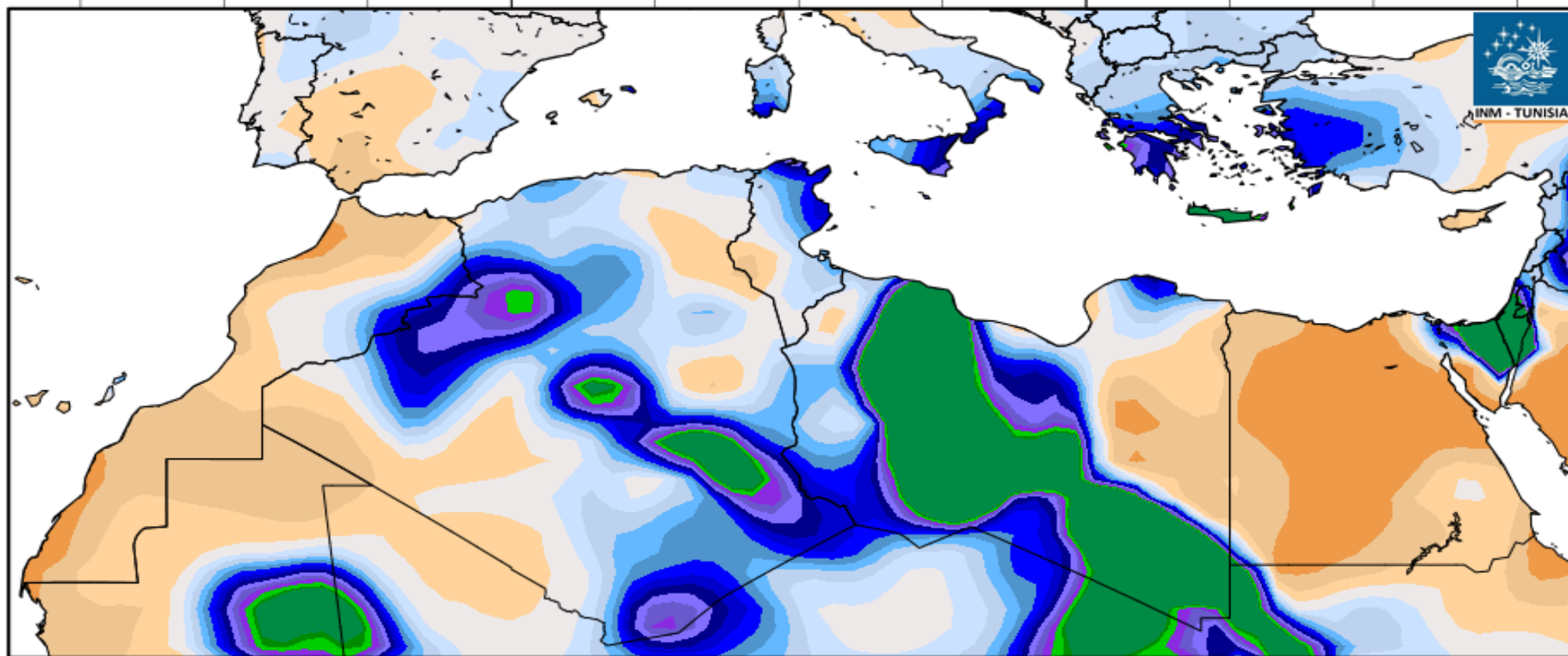
Data Source: GPCP First Guess Product

North African Regional Climate Center
National Institute of Meteorology Tunisia

Precipitation anomaly for 2018 summer season in North Africa (in mm) (Reference period 1981-2010)

Precipitation Anomaly in % (Base Period: 1981-2010)

Summer 2018



Data Source: GPCP First Guess Product

North African Regional Climate Center
National Institute of Meteorology Tunisia

Verification of the MedCOF-10 climate outlook for the 2018 summer season

I- Temperature

North Africa (RAI)

The MedCOF-10 climate outlook for the 2018 summer season favored an **above normal** temperature over **the North Africa region** with probability of **70%** in the coastline East of Tunisia and the North of Libya and the North of Egypt and with probability 50% elsewhere.

In fact, in almost all regions of North Africa, **temperature anomalies were normal to above normal**. Maximum anomalies were recorded over the south and west of Algeria, almost of Libya and Egypt. Normal to below anomalies were observed over Morocco except some stations. Elsewhere temperatures were in their normal tercile.

This indicates that the **MedCOF-10 climate** outlook for the summer season temperature has **correctly predicted positive anomalies** were temperature details aspects were somehow observed over North Africa region.

II- Precipitation

North Africa (RAI)

Over the North African region, there was no preference category.

Summer 2018 was **wetter than normal** over almost of Algeria, Libya and Tunisia, in some stations in the east of Morocco and north east of Egypt. Precipitation was **below normal** over west of Libya and almost of Egypt.

MedCOF-10 precipitation prediction (no clear signal= climatology) **didn't give valuable information** .

