

ARABCOF5 Climate Monitoring

For April 2020

National Institut of Meteorology, Tunisia

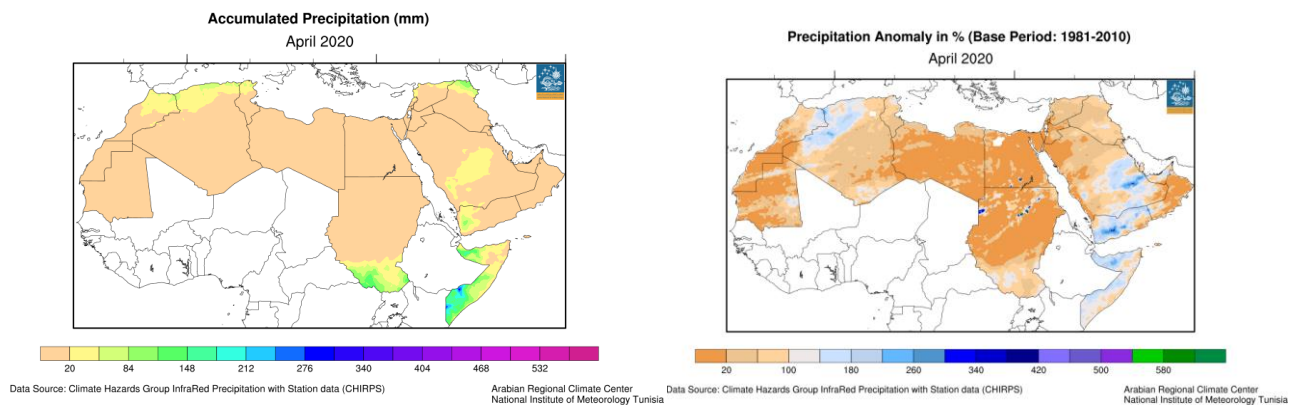
Precipitation in Arab Region

Monthly precipitation totals in April 2020 in the Arab domain were mostly below 20 mm. In some parts of northern Morocco, the coastal zone of Algeria and north of Tunisia, rainfall amounts exceeding 40 mm were registered. In the Southern Arabian Peninsula, south of Sudan, Ethiopia and the extreme north of Irak, precipitation has exceeded 100 mm.

Anomalies (1981-2010 reference) were mostly below normal during this month of the year with less than 20% of the normal. In some parts of the North west of Algeria, south of Saudi Arabia, Ethiopia, anomalies were above normal. These regions received between 75% and 125% of the normal.

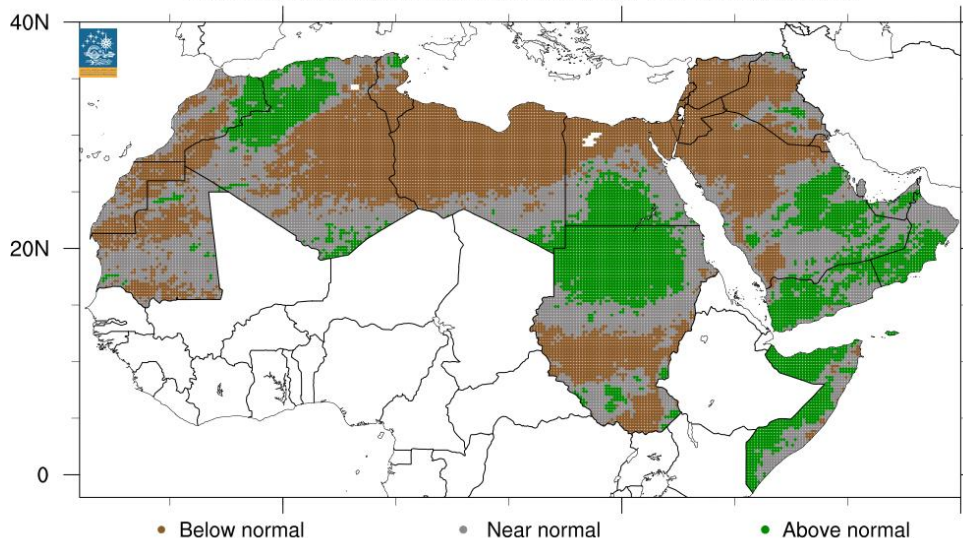
Figure 3: Left: Total precipitation; Right: Absolute anomalies of precipitation in the Arab Region
Data from NCDC (National Climate Data Centre NOAA – reference 1981-2010)

<https://www.meteo.tn/en/climate-monitoring-watch>



Precipitation Terciles for April 2020

Data source: Climate Hazards Group InfraRed Precipitation with Station data (CHIRPS)



Temperature in Arab Region

For April 2020, the land mean temperature of the Arab region was above the normal 1981-2010, it has reached +2°C in some area, like south of north Africa domaine, and the south of Arabian peninsula, Yemen, South of Soudan an Ethiopia.

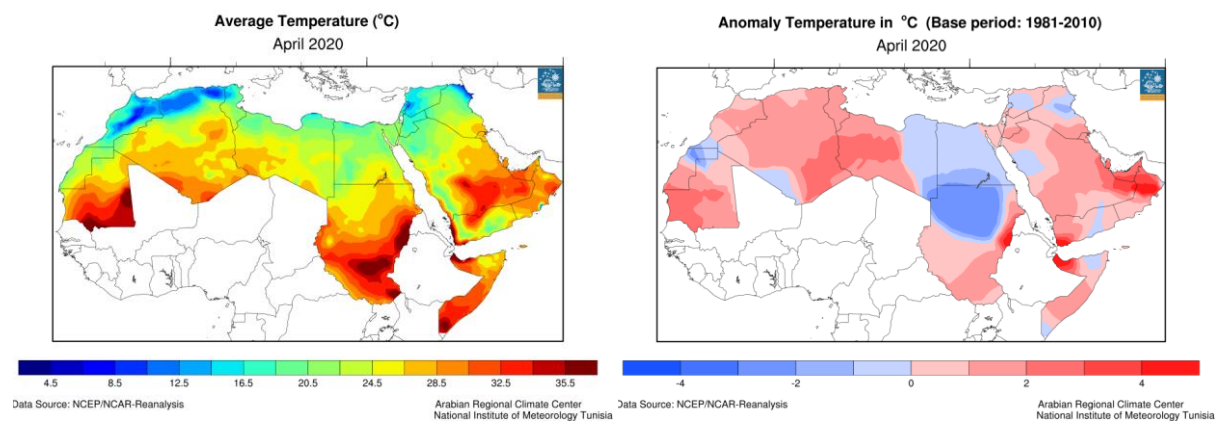
Monthly mean temperature in April 2020 mostly ranged from 15°C to 28 °C, in small parts reaching 10°C, especially in northern part of North Africa domaine and Middle East. In some parts of the southern Morrocco, Algeria, Lybia , Soudan Ethiopia and the south of Saudi Arabia , the mean temperature was above 30°C .

Compared to 1981-2010 reference, temperature anomalies were mostly above normal. They were in a range between +1 and +2°C in Tunisia, most part of Morocco and Algeria, the west part of Libya, between +2 and +3 °C in the center of Libya and in the south east of Algeria, The temperature anomaly exceeded 2 ° C in a large area of the Arabian peninsula, south of Soudan and Ethiopia.

Figure 4: Left: Mean temperature; Right: Absolute anomalies of temperature in the Arab Region

Data from NCDC (National Climate Data Centre NOAA – reference 1981-2010),

<https://www.meteo.tn/en/climate-monitoring-watch>



Temperature Terciles for April 2020

Data source: NCEP/NCAR-Reanalysis

