



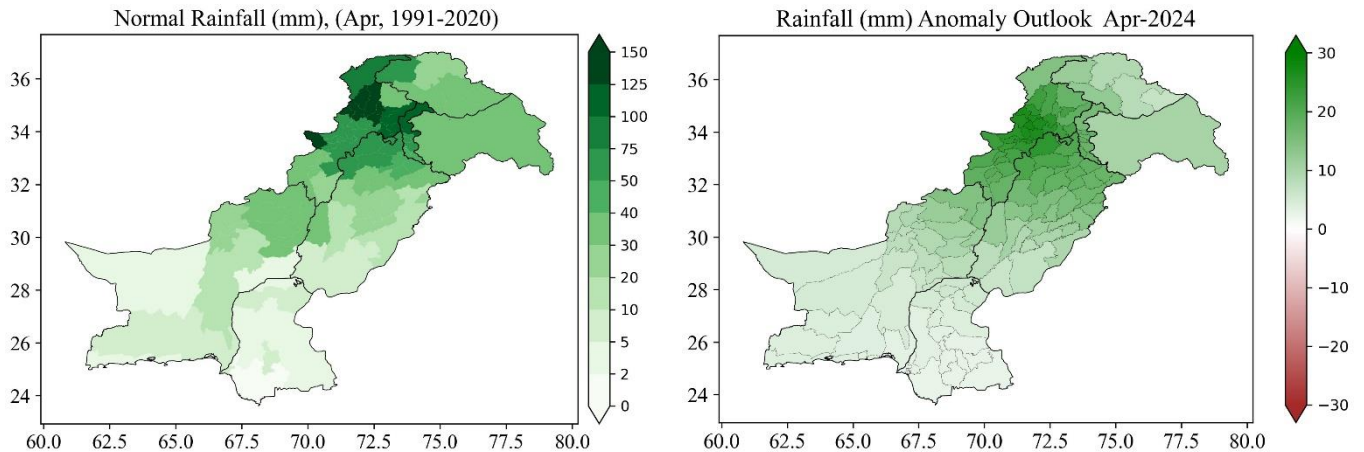
## Outlook for April 2024

### 1. Synoptic Situation:

Considering the positive phase of the El Niño Southern Oscillation (ENSO), which is expected to make a transition to the neutral phase along with the prevailing neutral phase of Indian Ocean Dipole (IOD), the climatic outlook for Pakistan in the forecast month is as follows:

### 2. Monthly Rainfall Outlook:

Overall a tendency for **near normal\*** rainfall is expected in most parts of the country however, Khyber Pakhtunkhwa, northern Punjab and Kashmir may get slightly above normal rainfall during April 2024.

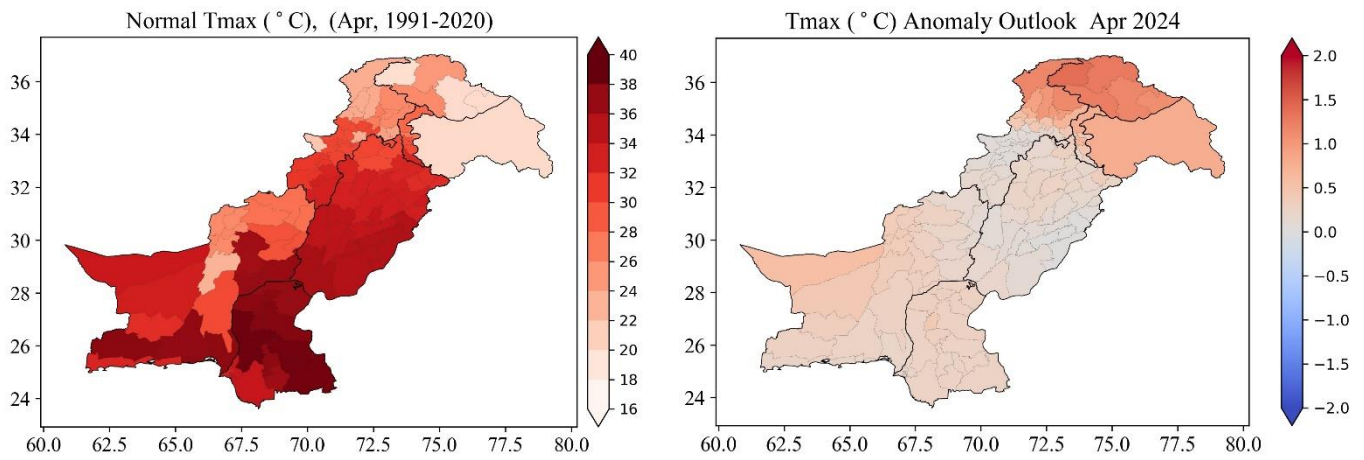


**Figure 1:** Normal (1991-2020) rainfall and monthly anomaly outlook for April 2024

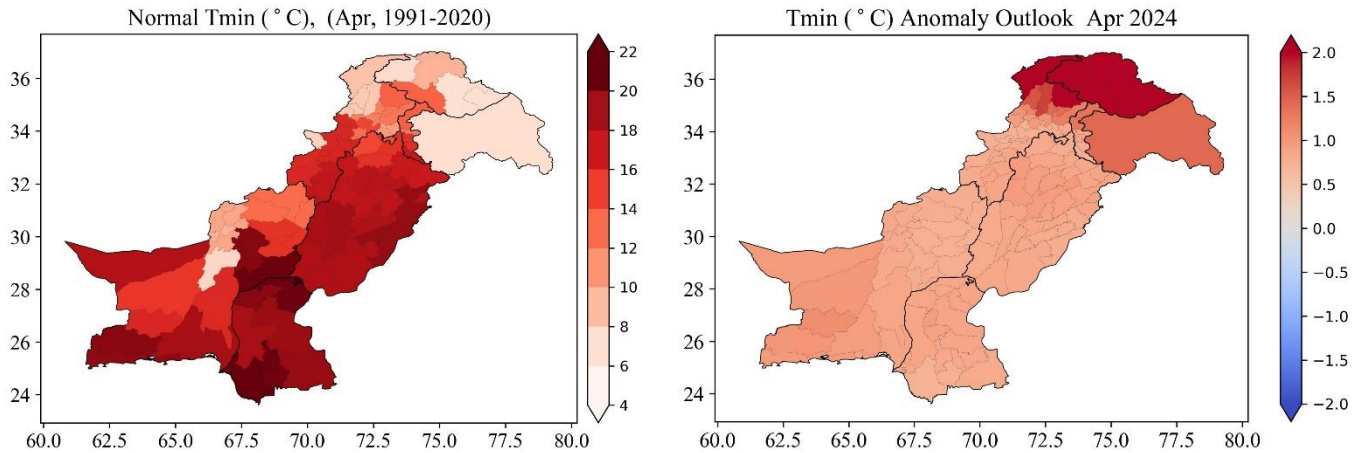
### 3. Monthly Temperature Outlook:

The day time maximum temperatures are expected to remain **normal\*** to slightly above normal whereas, warmer than normal minimum temperatures are expected nationwide with maximum departure over northern parts of the country.

\*Normal = 30-years (period) average climatology



**Figure 2:** Normal (1991-2020) maximum temperature and monthly anomaly outlook for April 2024



**Figure 3:** Normal (1991-2020) minimum temperature and monthly anomaly outlook for April 2024

#### 4. Impacts:

- The pollen season will come to an end in the middle of April.
- Spatial temperature gradient may cause strong winds, dust storm, and hailstorm which may affect the seasonal crops, vegetables and orchard. Respective district governments are requested to adopt measures in accordance to area specific weather forecasts.
- Irrigation would be required on regular intervals for seasonal vegetables and newly sown Kharif crops.

**Note:** Considering the dynamic nature of the climate system the outlook is updated monthly during the last week of each month

\*Normal = 30-years (period) average climatology