



Outlook for February 2024

1. Synoptic Situation:

Considering the positive phase of the El Niño Southern Oscillation (ENSO), which is expected to persist, while the Indian Ocean Dipole (IOD) has transitioned to a neutral state, 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 during February 2024.

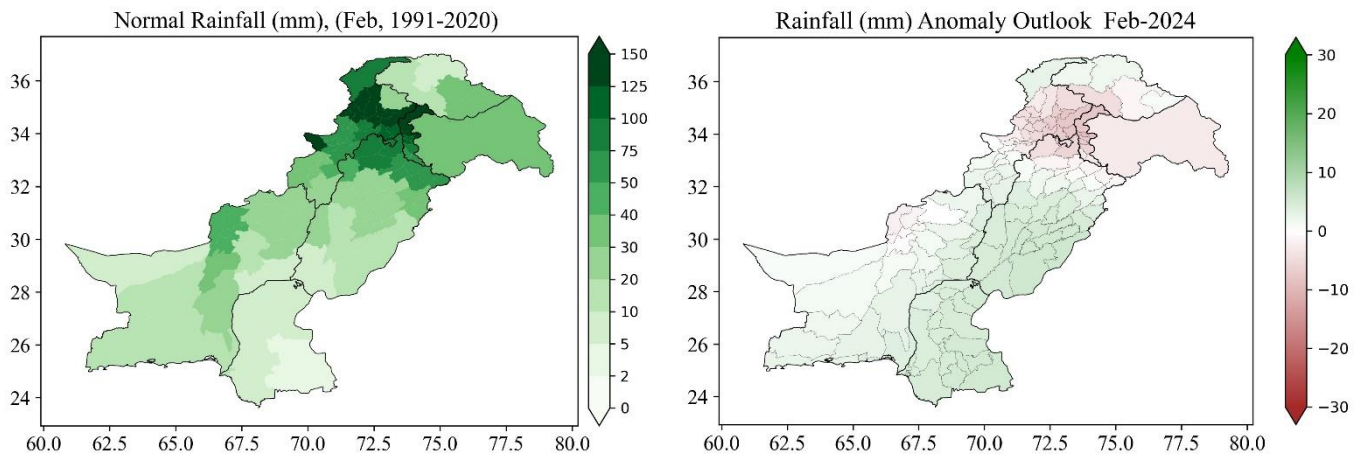


Figure 1: Normal (1991-2020) rainfall and monthly anomaly outlook for February 2024

3. Monthly Temperature Outlook:

The day time maximum and night time minimum temperatures are expected to remain **above normal*** nationwide, with maximum departure over Gilgit Baltistan, northern Khyber Pakhtunkhwa and adjoining areas of Kashmir as well as western Balochistan.

*Normal = 30-years (period) average climatology

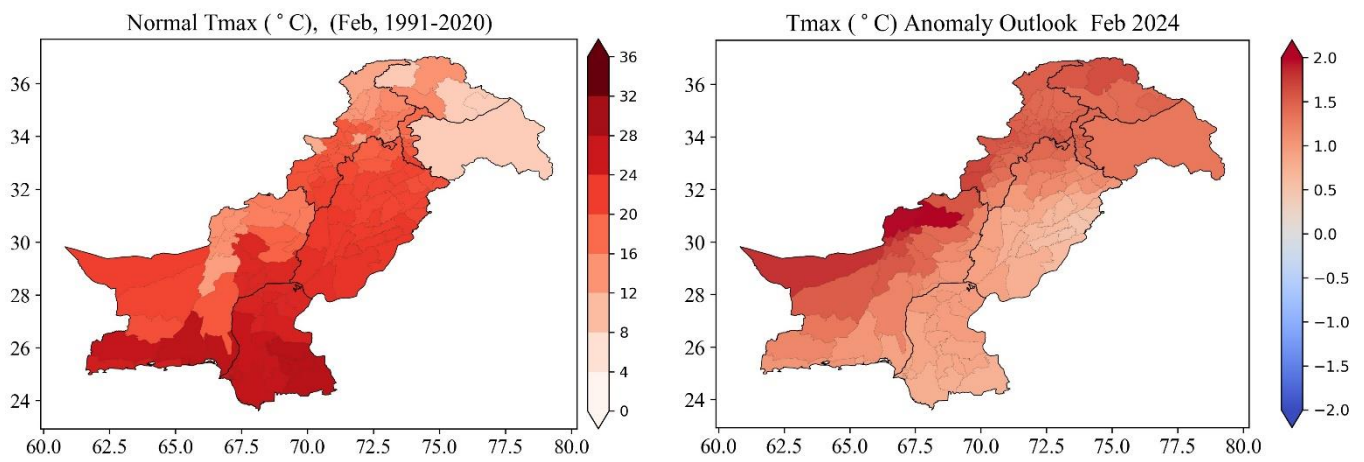


Figure 2: Normal (1991-2020) maximum temperature and monthly anomaly outlook for February 2024

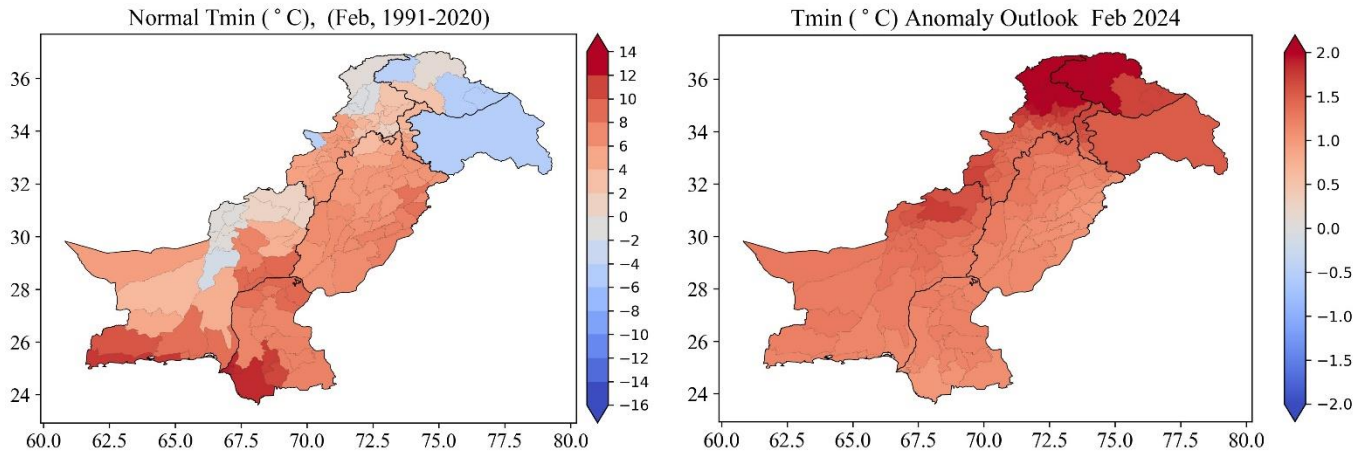


Figure 3: Normal (1991-2020) minimum temperature and monthly anomaly outlook for February 2024

4. Impacts:

- After a prolonged dry spell the situation will be improved for rain fed areas in the country.
- A moderate amount of water would be available for standing crops and vegetables having positive impact on Rabi crops.
- Farmers in Barani areas may plan scheduled watering.
- The fog episodes are likely to subside gradually towards the end of the forecast month.
- Improvement in air quality index is expected to reduce seasonal illnesses caused by the prolonged dry condition in the country.

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