



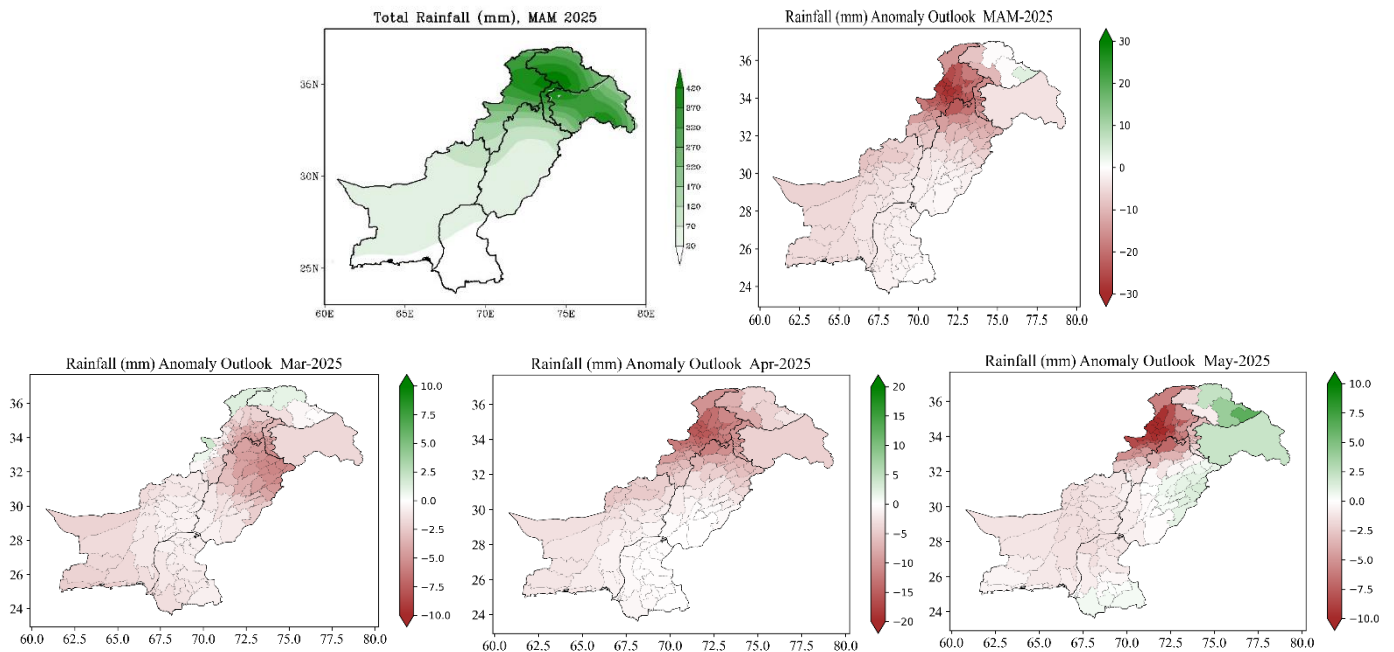
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Seasonal Agro-Climat Outlook for March - May 2025

Brief Introduction

Pakistan Meteorological Department issues monthly and seasonal forecasts at the end of each month using global climate models. As a result, a single model and single data set are not considered reliable for prediction and forecast for a longer period, therefore models developed by different institutes and different data sets are being used for accuracy along with different boundary conditions for each model output. At present, 13 recommended models are adopted to obtain multi-model ensembles for seasonal predictions.

Seasonal Projections (Precipitation)



Below normal precipitation is likely over most parts of the country particularly central parts of Khyber Pakhtunkhwa and adjoining northern parts of Punjab during the next three months March-May 2025. Whereas, near normal rainfall is expected in South Punjab, Sindh and surrounding areas of Balochistan.



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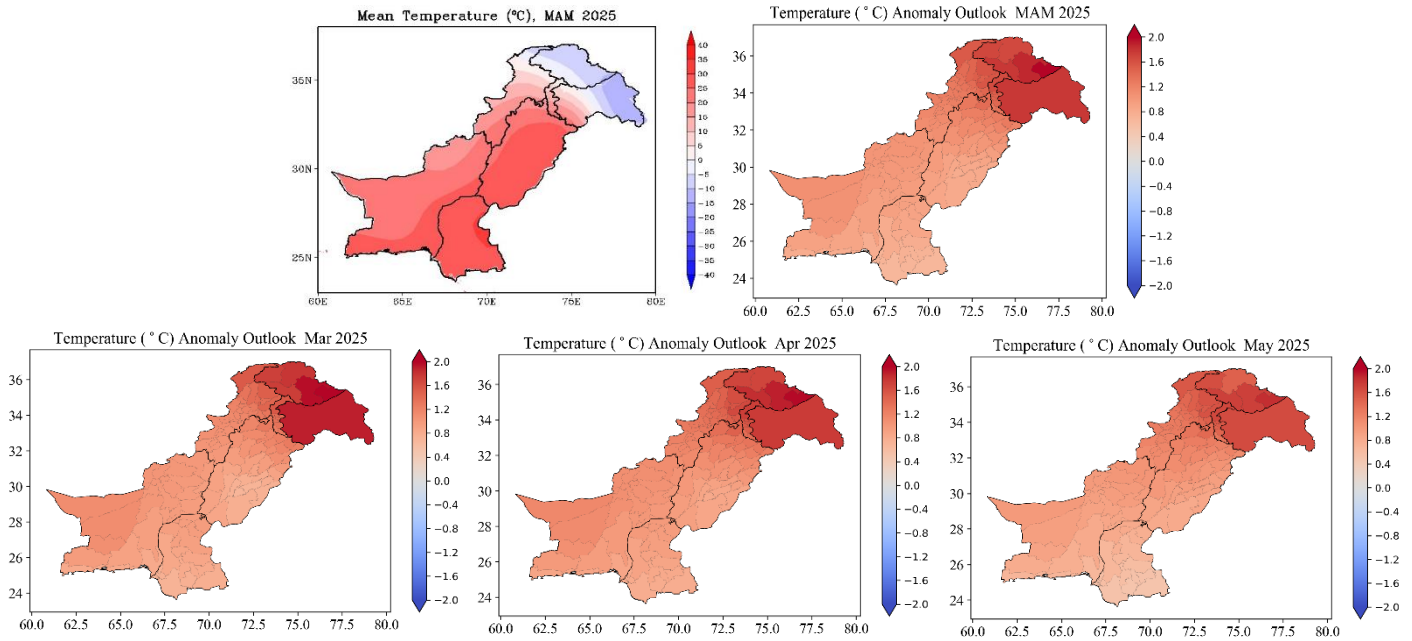
Month Wise Situation

- During March 2025, below normal precipitation is likely over most parts of the country particularly Potohar region, northeastern and central Punjab.
- During April 2025, below normal precipitation is likely over most parts of the country particularly Pothohar region, upper and central parts of Khyber Pakhtunkhwa. While, nearly normal rainfall is expected in southern Punjab, Sindh and surrounding areas of Balochistan.
- In May 2025, nearly normal rainfall is expected in the lower parts of the country while below normal rainfall is likely over Khyber Pakhtunkhwa and northwestern parts of Punjab. However, above normal rainfall is expected in Gilgit Baltistan and Kashmir.



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Seasonal Projections (Mean Air Temperature)



A tendency of above normal mean temperature is likely over most parts of the country during the next three months (March-May 2025) particularly in Kashmir and Gilgit Baltistan.

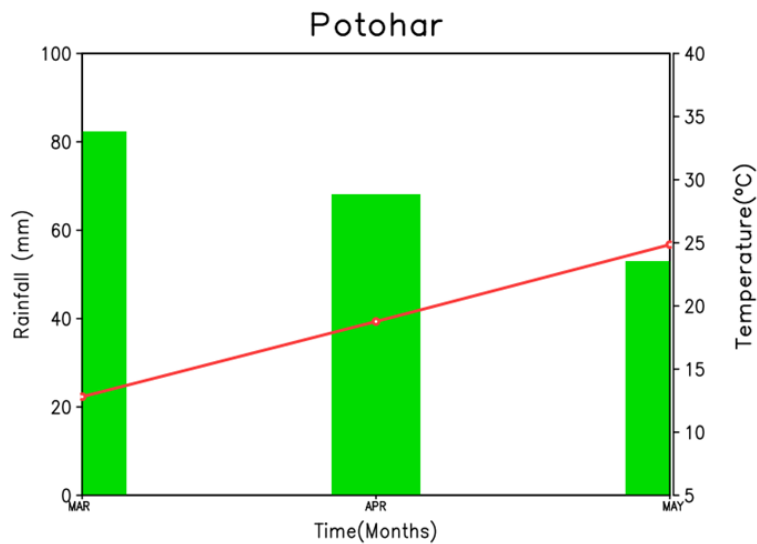
Month Wise Situation:

- In March 2025, above normal mean temperatures are expected in most parts of the country particularly in the Gilgit Baltistan and Kashmir.
- During April and May 2025, the above normal mean temperature is likely in most parts of the country specifically in the Gilgit Baltistan and Kashmir.



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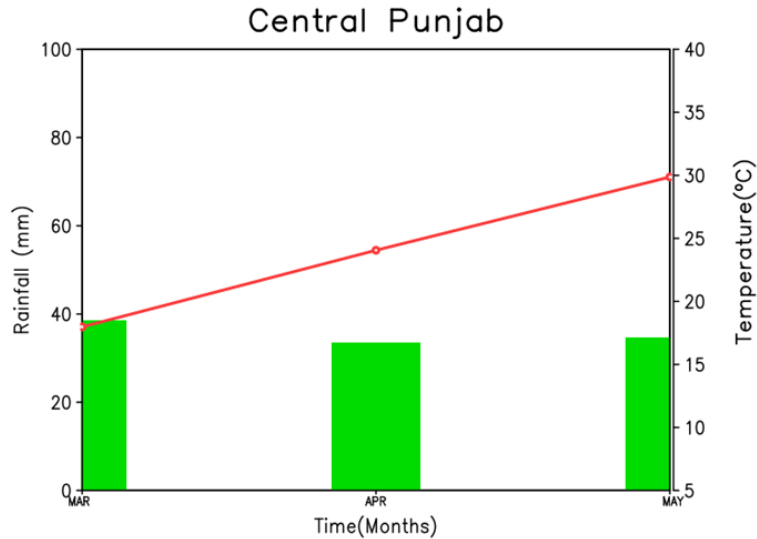
Outlook for Agroclimatic Zones



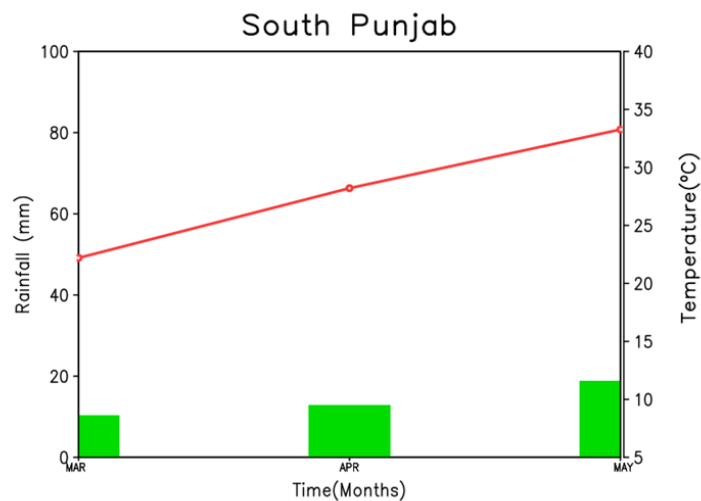
The **Potohar region** is expected to receive considerable precipitation during the period (March - May 2025) particularly in March. The mean temperature is likely to gradually increase following the typical seasonal pattern.



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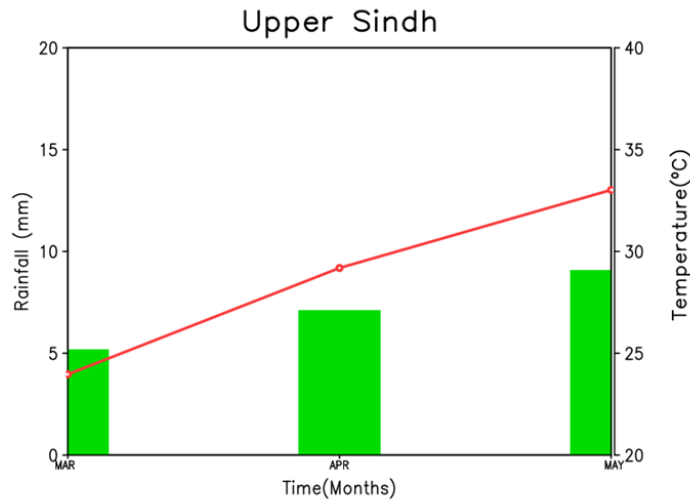
The central Punjab is expected to receive comparatively lower amount of rainfall during the next three months (March - May 2025). The mean temperature is projected to increase as per seasonal pattern.



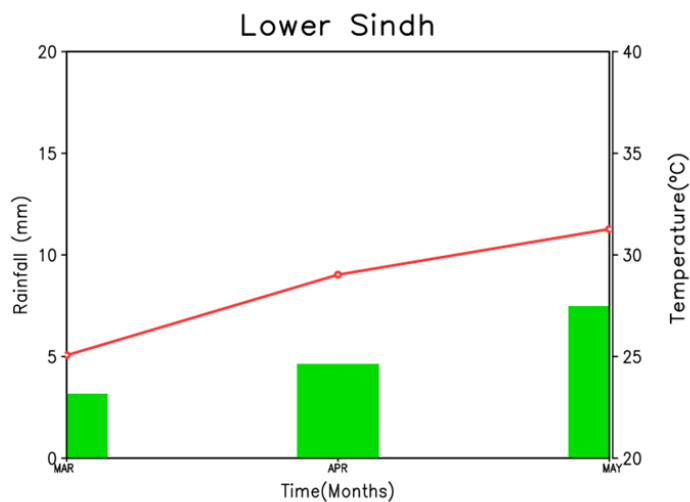
The southern Punjab is expected to receive lesser amount of rainfall during the period (March - May 2025). The mean temperature is likely to increase following the seasonal pattern.



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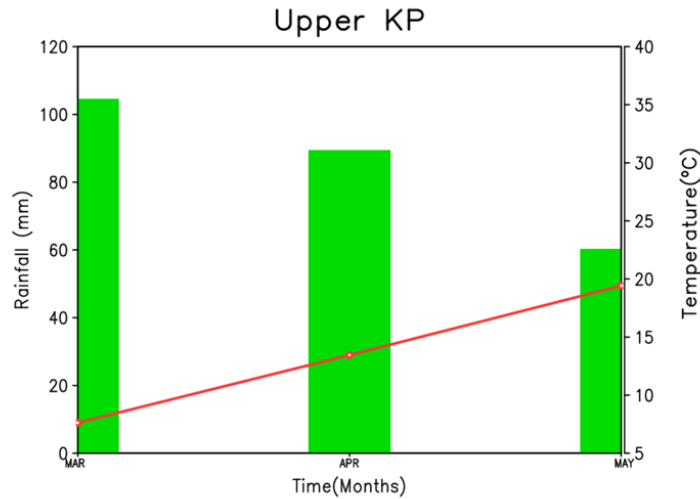
The **upper Sindh** is expected to receive lesser amount of rainfall during the period (March – May 2025). The mean temperature is likely to increase following the seasonal pattern.



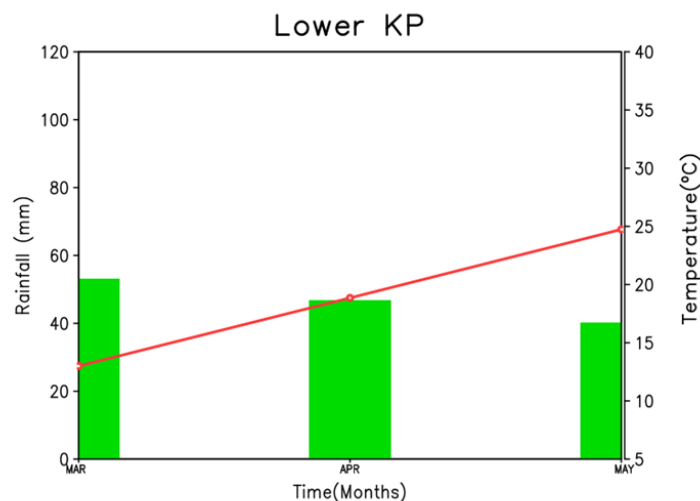
The **lower Sindh** is likely to receive a little amount of rainfall in the period (March - May 2025). The mean temperature is expected to gradually increase following the seasonal pattern.



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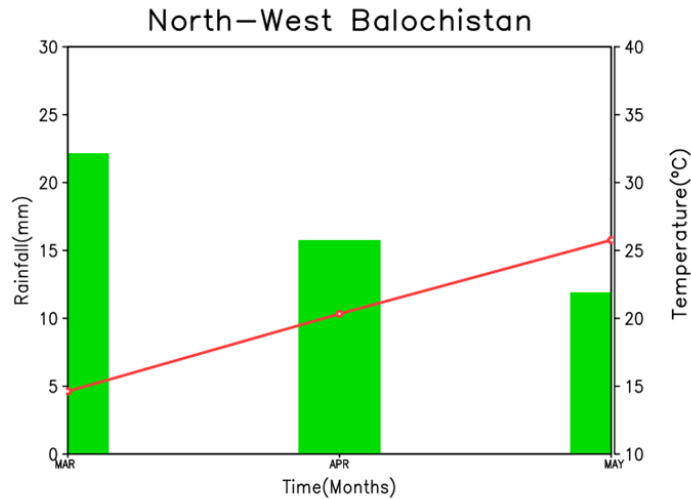
The upper Khyber Pakhtunkhwa may receive considerable amount of precipitation during the period (March - May 2025) particularly in March. The mean temperature is likely to increase according to the seasonal pattern.



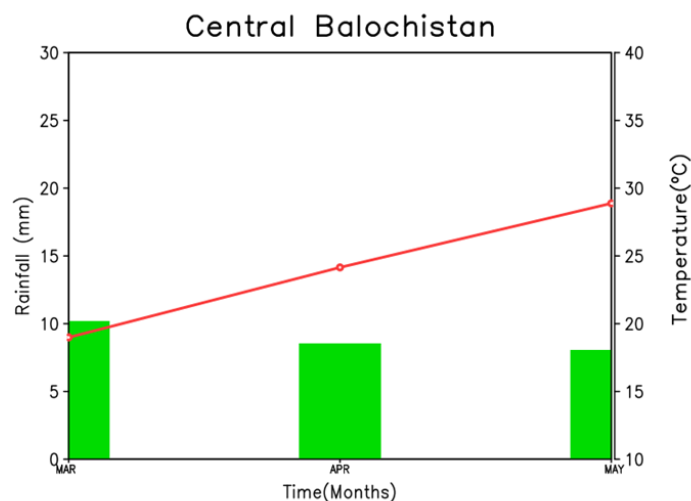
The lower Khyber Pakhtunkhwa is expected to receive comparatively lower amount of rainfall during the period (March - May 2025). The mean temperature is expected to gradually increase following the seasonal pattern.



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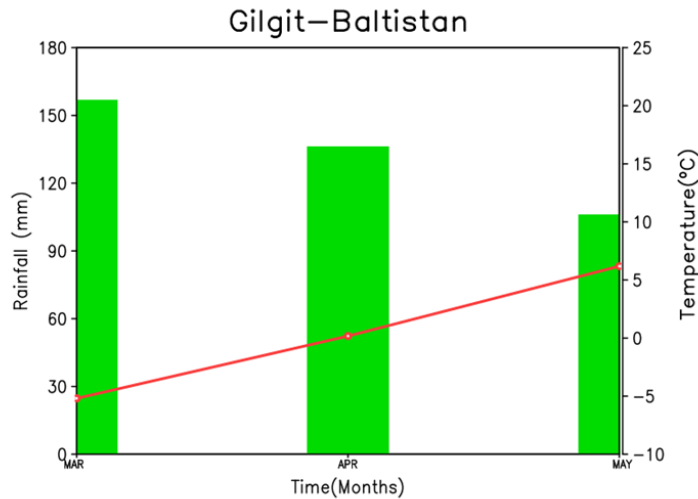
The northwest Baluchistan may receive low amount of precipitation during the period (March - May 2025). The mean temperature is expected to increase following the seasonal pattern.



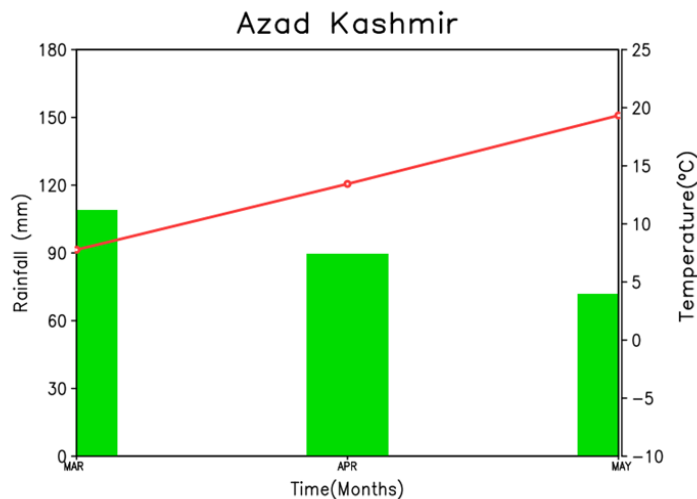
The central Baluchistan is expected to receive lesser amount of rainfall during the period (March - May 2025). The mean temperature is likely to increase following the seasonal pattern.



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Gilgit Baltistan is expected to receive valuable amount of precipitation throughout the period (March - May 2025). The mean temperature is likely to increase as per the seasonal pattern.



Azad Jammu Kashmir is expected to receive valuable amount of precipitation throughout the period (March - May 2025) particularly in March 2025. The mean temperature is expected to gradually increase following the seasonal pattern.



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Advisories for Farmers Based on the Recent and Expected Weather conditions

- During March and April 2025, below normal rainfall is expected in most agricultural plains while slightly above normal precipitation is likely in May 2025 particularly in most parts of Gilgit Baltistan and Kashmir.
- Due to the above normal mean temperatures, the Rabi crops including “wheat” may acquire early maturity in most parts of the country. In the northern mountainous regions, the growth of the wheat crop will also improve which was comparatively slower due to severe cold weather.
- Judicious use of available water stock is recommended for most of the agricultural plains of the country due to expected below normal rainfall and above normal temperature in the following months