

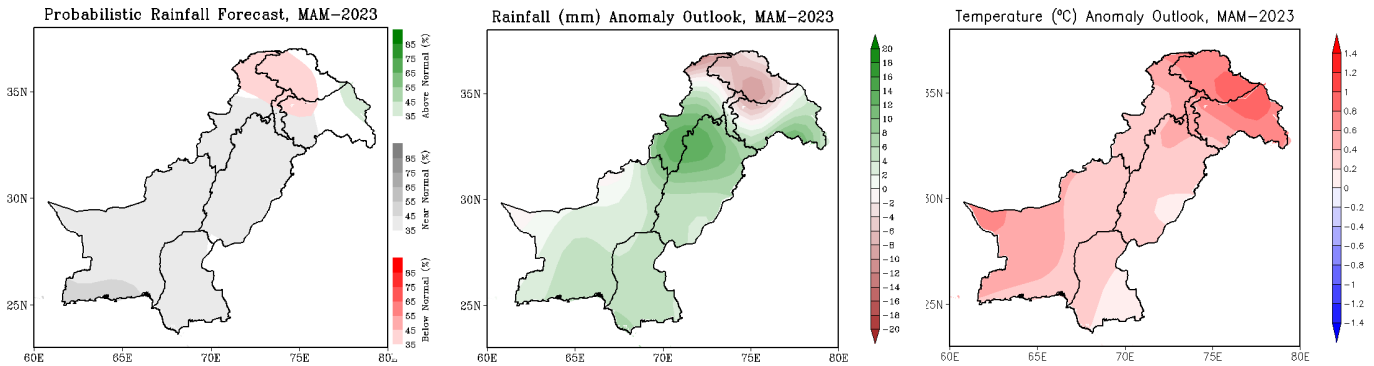


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Outlook for March–April–May (MAM), 2023



Synoptic situation:

The long lasting La-Niña condition has finally made transition to a neutral state and is expected to remain neutral throughout the season MAM 2023. Meanwhile the IOD is also expected to remain in neutral phase. Based on the global and regional circulation patterns, the outlook for MAM, 2023 in Pakistan is as under:

Seasonal Outlook:

Overall, a tendency for **nearly normal precipitation** is likely over most parts of the country. Northern parts of Khyber Pakhtunkhwa and most of Gilgit-Baltistan may receive slightly below normal precipitation.

Seasonal mean temperatures are expected to remain above normal over most parts of the country with chances of heat wave episodes.

Impacts:

- Based on the expected warmer conditions during the coming months, the Rabi crops will get mature earlier.
- Also, the water requirements for the standing crops (Kharif season) are likely to be enhanced.
- The increase in maximum temperature along with dry conditions would be supportive for early onset of pollen season in major cities (e.g. Islamabad, Lahore).
- The atmospheric conditions are suggestive for the likelihood of heat wave development during the season; especially over the plain areas of the country.
- Due to soaring temperatures, water stress is predicted for agriculture and domestic needs during the forthcoming season.

Note: The current outlook is based on the February atmospheric conditions. Keeping in view the rapid changes in climate system dynamics, the outlook is updated during the last week of each month.