

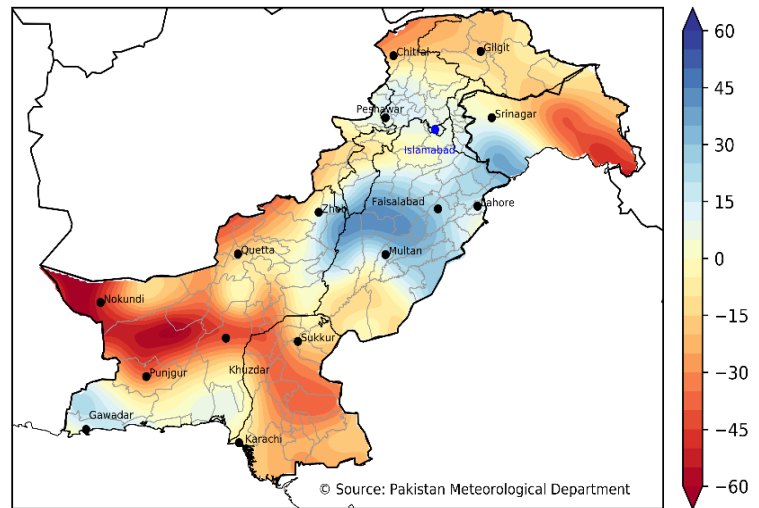
## Monthly Outlook for May 2021

Global climate models forecast a transition from La-Niña to neutral ENSO with 80% probability during May – July 2021. Currently, the Indian Ocean Dipole is in neutral phase and mostly GCMs predicted IOD in neutral phase during May – July 2021. Based upon regional and global climatic conditions and the analysis of General Circulation Models, following are the main features of weather outlook in April 2021:

***“Below normal rainfall is expected over the country during month of May”***

**Rainfall Departure (%) May 2021**

- The upper and southern parts of the country may receive below normal rainfall while central and eastern Punjab is expected to get normal to above normal precipitation.
- One to Two rainfall spells are expected during the month of May in each first and last decade of May.
- Second decade would be dry as compared to first and last decade of the month.
- Mean temperatures are predicted to remain above normal over southern and central parts of the country.



### **Impacts:**

- One to two heat waves in plain areas of Punjab, Sindh and Balochistan are expected during the month of May.
- North-South sharp temperature gradient may cause gusty winds and localized thunderstorms which may harm standing wheat crops in the wheat growing areas especially in upper Punjab and KP.
- During Ramzan-ul-Mubarak temperatures are expected to remain above normal in May.

**Note:** Keeping in view the rapid changes in climate system dynamics, the above outlook will be updated on monthly basis during the first week of each month.