



F. 2 (E)/2024-NDMA (MW/ Drought Advisory)
Government of Pakistan
Prime Minister's Office
National Disaster Management Authority (HQ)
Main Murree Road Near ITP Office, Islamabad

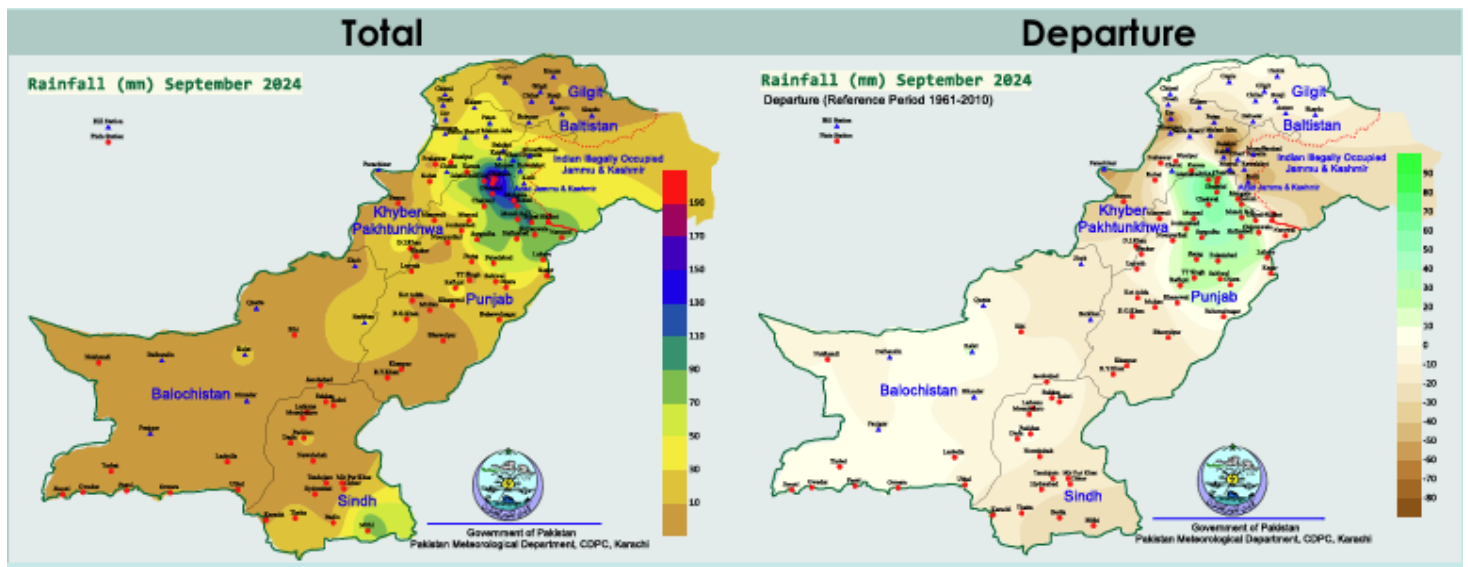


Dated: **16 December 2024**

Subject: **Drought Advisory-I**

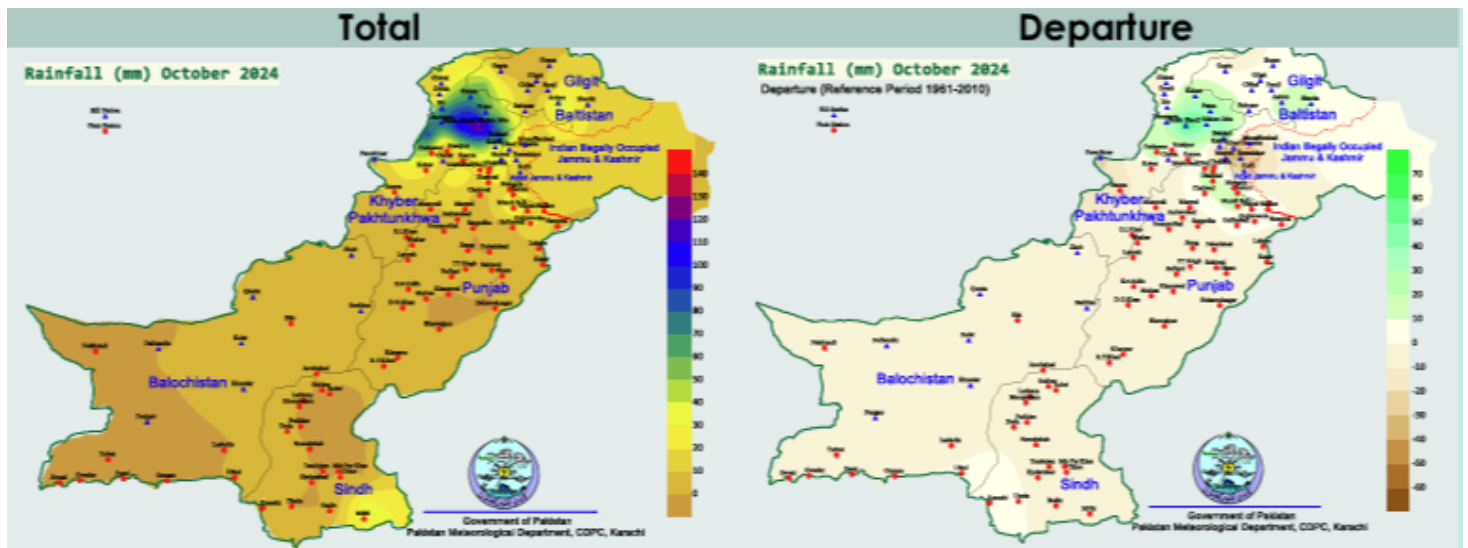
During last three months (Sep to Nov-2024), below-normal rainfall has been reported and number of Consecutive Dry Days (CDDs), with rainfall less than 1.0 mm has reached upto maximum of 205-CDDs in Balochistan and minimum of 95-CDDs in Sindh and Punjab areas/districts till date. The percentage departures at vulnerable areas/districts of Punjab, Sindh and Balochistan are shown below:-

September-2024 spatial rainfall distribution and departure from normal



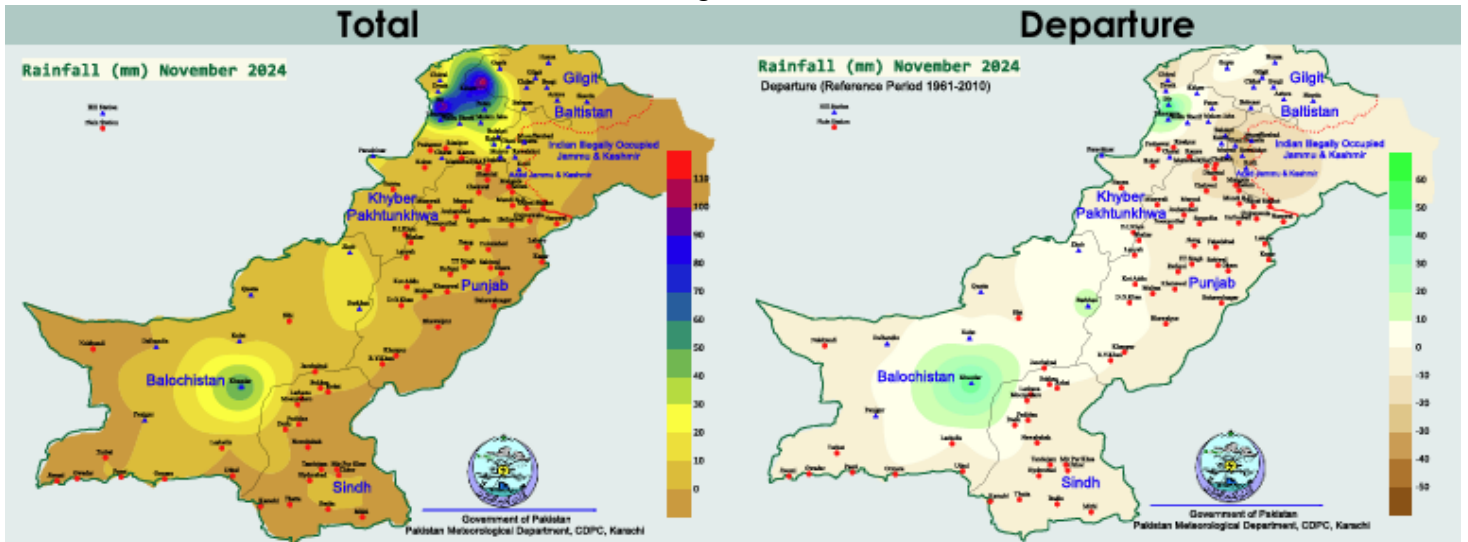
(Source: PMD)

October-2024 spatial rainfall distribution and departure from normal



(Source: PMD)

November-2024 spatial rainfall distribution and departure from normal



(Source: PMD)

2. Deficient rainfall has emerged as a **mild meteorological drought condition over rainfed areas of country:-**

- a. **Sindh Province**. Mohenjodaro, Larkana, Rohri/Sukkur, Ghotki, Khairpur, Sanghar, Dadu, Jamshoro, Chorr, Mirpurkhas, Hyderabad, Shaheed Banazirabad and Thatta.
- b. **Balochistan Province**. Mild to moderate drought-like conditions have emerged in Nokundi, Dalbandin, Turbat, Jiwani, Kharan, Panjgur.
- c. **Punjab Province**. Mild drought-like conditions have emerged in Punjab province, over, Potohar region, Bahawalnagar, Bahawalpur, Rahimyar Khan/Khanpur, and adjacent areas.

3. Based on the climatology and the latest seasonal forecast from PMD, below-normal rainfall and above-normal temperatures are anticipated in the coming months. These conditions are likely to worsen drought-affected areas in Sindh and Punjab, posing significant risks to agriculture and livestock. Prolonged dry spells may lead to water stress in cultivated lands, particularly in rainfed regions, due to a limited supply of irrigation water for Rabi crops. However, in Balochistan, the upcoming weather patterns and the adoption of water-saving techniques may provide some relief to drought-impacted areas.

4. The National Disaster Management Authority (NDMA) urges all stakeholders, especially farmers, to stay updated on the latest weather conditions and drought advisories issued by the Pakistan Meteorological Department (PMD) at <http://www.pmd.gov.pk>.



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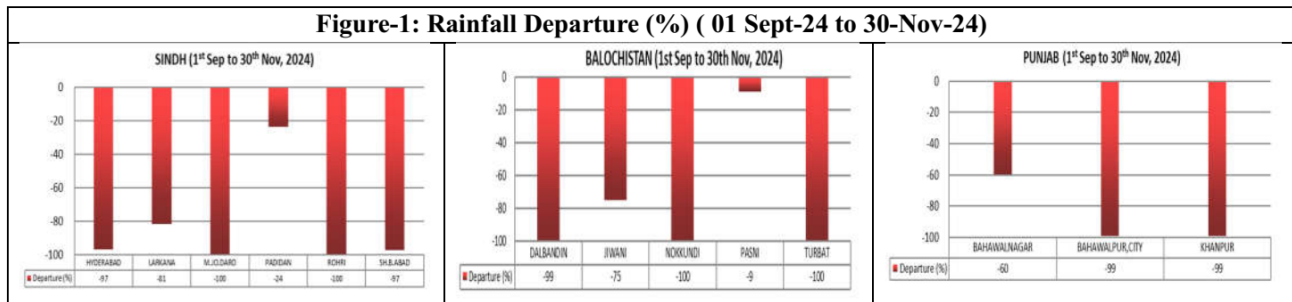
Pakistan Meteorological Department
National Drought Monitoring & Early Warning Centre (NDMC)
Sector H-8/2, Met HQ, Islamabad, Pakistan
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No.DR-5/DRT/ADV/ALERT/2021-22/

Islamabad, 09th, December 2024

SUBJECT: DROUGHT ADVISORY-I

Overall, below-normal rainfall has been reported during last three months (Sept to Nov-2024) and Number of Consecutive Dry Days (CDDs), with rainfall less than 1.0 mm has reached upto maximum of 205-CDDs in Nokundi (Balochistan) and minimum of 95-CDDs in Shaheed Benazirabad (Sindh) and Bahawalnagar (Punjab) districts till date. The percentage departures at vulnerable districts of Punjab, Sindh and Balochistan are shown in figure:1.



2. Deficient rainfall has emerged as a mild meteorological drought condition over **rainfed areas** of country and in Sindh province: **Mohenjodaro, Larkana, Rohri/Sukkur, Ghotki, Khairpur, Sanghar, Dadu, Jamshoro, Chorr, Mirpurkhas, Hyderabad, Shaheed Banazirabad and Thatta**. In Balochistan province, mild to moderate drought-like conditions have emerged in **Nokundi, Dalbandin, Turbat, Jiwani, Kharan, Panjgur**, . Mild drought-like conditions have emerged in Punjab province, over, **Potohar region, Bahawalnagar, Bahawalpur, Rahimyar Khan/Khanpur**, and adjacent areas as shown in figure-2.

3. Keeping in view the climatology and latest seasonal forecast of PMD below normal rainfall and above normal temperatures are expected in coming months due to which drought conditions may exacerbate in drought affected areas of Sindh and Punjab, significantly impacting agriculture and live stocks. Long persistent dry conditions may cause water stress in the cultivated lands/areas (particularly the rainfed areas) of the country due to the limited supply of irrigation water for Rabi crops, while in Balochistan province, upcoming weather and water saving techniques may give some relief in drought-affected areas.

4. It is advised to all stakeholders to take pre-emptive measures for drought prone areas. Farmers/agriculturists are advised to keep themselves updated from PMD website <http://www.pmd.gov.pk>. NDMC of Pakistan Meteorological Department (PMD), Islamabad is continuously monitoring the water availability and moisture conditions over the country.

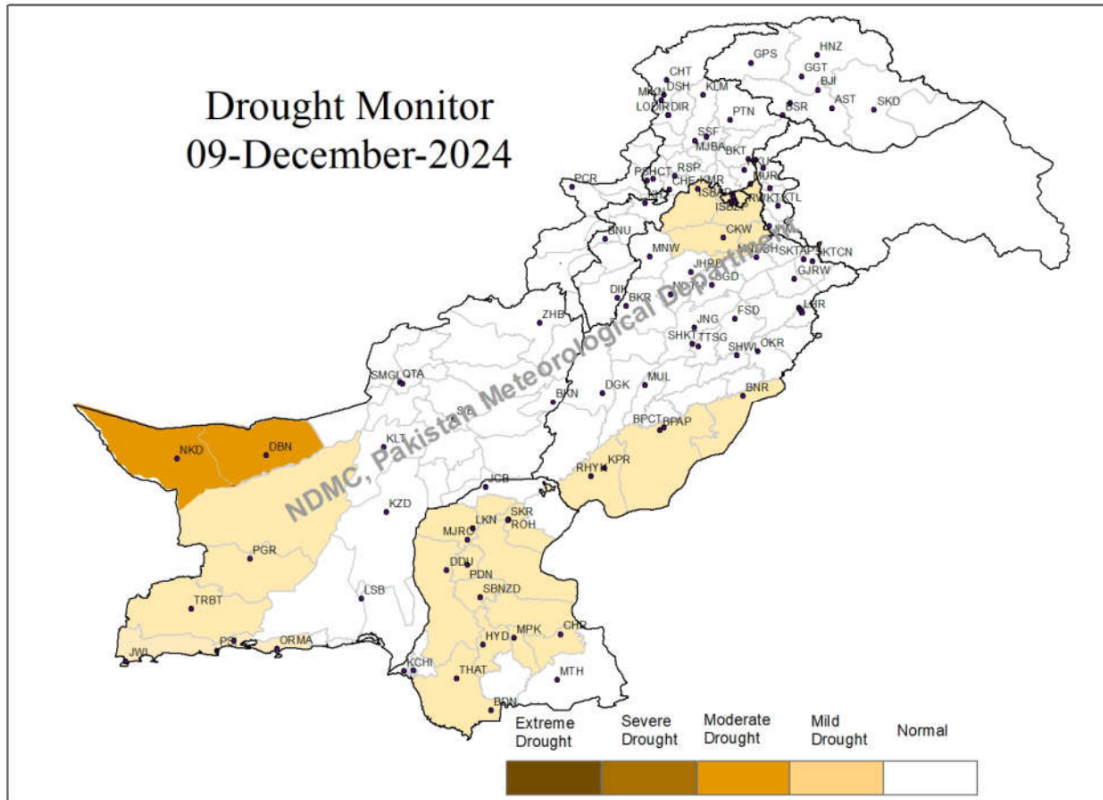


Figure-2: Drought Monitor on 09th December, 2024

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