

GOVERNMENT OF PAKISTAN
PAKISTAN METEOROLOGICAL DEPARTMENT
FLOOD FORECASTING DIVISION
46-JAIL ROAD LAHORE-54000

BULLETIN No. A-004/24

Dated: - 18th June, 2024
Time: - 11:00 hours (PST)

1. President Secretariat, Islamabad.
2. PM House, Islamabad.
3. Federal Minister for Water Resources, Islamabad.
4. Governor (All Provinces).
5. Chairman NDMA, Islamabad.
6. Chief Minister (All Provinces).
7. PM Secretariat, Islamabad.
8. Secretary, Aviation Division, Islamabad.
9. Secretary, Ministry for Water Resources, Islamabad.
10. Secretary, Ministry of Information, Islamabad.
11. Chairman NHA, Islamabad.
12. Chief Secretary (All Provinces).
13. PDMA'S (D.G'S, All Provinces & AJK).
14. Chairman, Federal Flood Commission, Islamabad.
15. Chairman, Indus River System Authority, Islamabad.
16. Chairman, PCRWR, Islamabad.
17. The Secretary General, Red Crescent, Islamabad.
18. Secretary, Irrigation Department, (All Provinces).
19. D.G. Engineers, Eng. Directorate GHQ, Rawalpindi.
20. Pakistan Commissioner for Indus Waters (PCIW), Islamabad.,
21. Chief Engineer, Mangla/Tarbela/Chashma.
22. Chief Engineer, Irrigation (All Provinces).
23. Chief Engineer, (All Barrages).
24. Chief Engineer, C.D.O. (Muzaffarabad).
25. Commissioner for Indus Waters, Lahore.
26. All other concerned.

SUBJECT: -RIVERS SITUATION AND QUALITATIVE FLOOD FORECAST:

I: HYDROLOGICAL SITUATION at 0600 PST:

River Kabul at Nowshera is in medium flood level and no significant change in the flood level is expected. All the other major rivers are in the state of their normal flows and are likely to remain in same state.

II: METEOROLOGICAL FEATURES:

- a. Yesterday's trough of the westerly wave over the northern parts of Afghanistan today lies over northeast Afghanistan & adjoining area.
- b. Moist currents from the Arabian Sea, now moderate to strong, are converging over the upper parts of the country up to 5000 feet. However, along the foothills of the Himalayas, there is wind speed divergence. There is no moisture feeding from the Bay of Bengal.
- c. Today, the seasonal low has become well-marked and lies over northeast Balochistan with a central pressure of approximately 994 hPa.
- d. The latest water vapor analysis indicates that moisture and relatively cold conditions are present in the upper atmosphere over the upper catchments of the Kabul, Indus, Jhelum, and Chenab rivers. However, the moisture level is expected to increase further over the upper catchments of all major rivers.
- e. Current soil conditions within the catchments of the major rivers and hill torrents continue to remain dry.
- f. There is no probability of cyclogenesis over Bay of Bengal and Arabian Sea during the next few days.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Dust thunderstorm/rain is expected at scattered places over the upper catchments of all the major rivers along with Khyber Pakhtunkhwa, Islamabad and Rawalpindi, Gujranwala, Sargodha, Lahore, Sahiwal, D.G Khan & Faisalabad Divisions.

IV: WEATHER OUTLOOK FOR NEXT 48 HOURS:

Wet spell is likely to intensify.

V: RIVERS CATCHMENTS RAINFALL RECORDED (MM) DURING LAST 24 HRS (UPTO 0800 PST):

Indus:	Murree=10, Islamabad (Chaklala Airbase=09, Golra=08, New Airport=04, Shamsabad=03, Bokra=02 & Zeropoint=01,) Attock=06, Dir, Kakul, Lower Dir & Pashat-Bajaur=04(each), Peshawar [(Airbase, Peshawar City & Bacha Khan Airport=03(each)], Kalam=03, & Chitral=02, Cherat =01, Takht Bai, Bunji & Mardan=Trace(each).
Jhelum:	Hajira=11, Dhulli, Bandi Abbaspur & Rawalakot=05(each), Chakothi, Kotli & Panjera=01(each).
Chenab:	Multan City=Trace.
Ravi:	-NIL-
Sutlej:	-do-
Kabul:	-do-
Others:	Loralai=05.

(Shahid Abbas)
Chief Meteorologist
FFD Lahore

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Dated: - 18th June, 2024
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SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS CATCHMENTS (19th-June, 2024 to 25th -June, 2024)

➤ **RAINFALL OUTLOOK:**

No flood-generating rainfall is expected over the upper catchments of all major rivers. However, the westerly wave over northeastern Afghanistan is likely to produce light to moderate rain over the upper catchments of all Major Rivers, as well as the catchments of hill torrents in D.G Khan Division, from June 19th to June 22nd 2024.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

No high flood situation is expected in any of the Major Rivers. However, flows in the hill torrents of D.G Khan may increase to low levels during June 20th to June 22nd 2024.

Note: This forecast is updated on daily basis.

(Shahid Abbas)
Chief Meteorologist
FFD Lahore