

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

BULLETIN No. A-002/24

Dated: - 16th June, 2024
Time: - 11:00 hours (PST)

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

II: METEOROLOGICAL FEATURES:

- Yesterday's trough of westerly wave over Kashmir has moved away eastwards and a fresh trough of westerly wave lies over Northern parts of Iran and adjoining areas. It is likely to affect the country from 18th of June.
- Light to Moderate moist current from Arabian sea is penetrating over most parts of the Punjab region. However, wind speed divergence is observed along the foothills of the Himalayas, resulting in no significant moisture accumulation over the country, except for an increase in the heat index. There is no moisture feeding from Bay of Bengal. Moist current from Arabian sea is likely to intensify from 18th June.
- Heatwave-like conditions over South Punjab, Balochistan, and adjoining Sindh are resulting in the development of a heat low with its center over eastern Balochistan, having a central pressure of around 996 hPa with a weak gradient.
- Latest water vapour analysis showing mainly warm and dry conditions in the upper atmosphere however moisture level is likely to increase from 18th June.
- Soil conditions within the catchments of the major rivers and hill torrents are in dry state.
- 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:

Mainly very hot and dry weather is expected over most parts of the country. However, isolated wind thunderstorm/rain of light to moderate intensity is expected over the upper catchments of all the Major Rivers along with Malakand, Rawalpindi, Gujranwala, Lahore, D.I. Khan, D.G. Khan and Kalat Divisions.

IV: WEATHER OUTLOOK FOR NEXT 72 HOURS:

Wind/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 and Faisalabad Divisions.

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

Indus:	DG Khan (Zain Sanghar=15 & Airport=6), Bagrote=02.
Jhelum:	Bandi Abbaspur=01.
Chenab:	-Nil-
Ravi:	-do-
Sutlej:	-do-
Kabul:	Khawagoobo Bridge & Arandu Nullah=Trace(each).
Others:	Quetta (Sheaikh Manda & Samungli)=Trace(each).

(Shahid Abbas)
Chief Meteorologist
FFD Lahore

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BULLETIN No. C-002/24

Dated : - 16th June, 2024
Time: - 11:00 hours (PST)

SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR
RIVERS CATCHMENTS (17th-June, 2023 to 23rd -June, 2023)

➤ **RAINFALL OUTLOOK:**

No flood generating rainfall is expected over the upper catchments of all the Major Rivers. However, a fresh westerly wave is likely to approach over the country from 18th of June which will produce light to moderate rain over the upper catchments of all the major rivers during 18th to 22nd June.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

No high flood situation is expected in any of the Major Rivers.

Note: This forecast is updated on daily basis.

(Shahid Abbas)
Chief Meteorologist
FFD Lahore