

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

**BULLETIN No. A-081/24**

**Dated: 03<sup>rd</sup> September, 2024  
Time: 11:20 hours (PST)**

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

**I: HYDROLOGICAL SITUATION at 0600 PST:**

River Indus at Kotri is in **medium** flood level and at Guddu is in Low flood level. While all the other major rivers are flowing in their normal state.

**II: METEOROLOGICAL FEATURES:**

- a) Yesterday's trough of westerly wave over northeast Afghanistan today lies over Northern part of country.
- b) Moderate moist currents are penetrating the upper parts of the country from Bay of Bengal.
- c) Yesterday's **well-marked** low over southwest Chhattisgarh has moved westwards and today lies over West Madhya Pradesh.
- d) Seasonal Low lies over northwest Balochistan.

**III: WEATHER FORECAST FOR 24-HOURS:**

Scattered thunderstorm rain of moderate intensity with isolated heavy falls is expected over the upper catchments of all major rivers along with Islamabad & Rawalpindi, Gujranwala, Sargodha, Lahore, Faisalabad, Sahiwal, DG Khan, Multan, Bahawalpur, Peshawar, Kohat, Bannu, DI Khan, Zhob, Loralai, Sibbi, Mirpur Khas, Larkana, Sukkur, Nasirabad and Kalat divisions.

**IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:**

The monsoon is likely to be less active.

**V: RIVERS CATCHMENTS RAINFALL RECORDED >05 (MM) DURING LAST 24-HRS (UPTO 0800 PST):**

|         |                                                                                                                                                                                                                                                                                                                                                        |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Indus:  | DG Khan (Vehova)=60, Attock=37, Risalpur=36, Murree & Kamra (Airbase)=33(each), Islamabad [New Airport=27, Golra=18, Saidpur=07], D.I.Khan (Airport)=18, Daggarr=15, Kohat Airbase=13, Saidu Sharif & Khaar-Bajaur=11(each), Malam Jabba=09, Kakul & Barkhan=08(each), Cherat=07, Gupis & Tanda Dam=06(each).                                          |
| Jhelum: | Rawalakot=47, Mandibahauddin=23, Jhelum=15, Chakothi=14, Balakot=12, Mangla=10, Muzaffarabad (City=10 & Airport=08), Chattar Kallas=06.                                                                                                                                                                                                                |
| Chenab: | Gujranwala [Model Town=196, Liaqat Bagh=137, Peoples Colony=65, Sheranwala Bagh=51, City=41], Sialkot [Airport=55, DEOC City & Cantt=45(each), Daska=30], Hafizabad=22, Gujrat=18, Barnala=07.                                                                                                                                                         |
| Ravi:   | Lahore [Township=201, Gulshan e Ravi=97, Gulburg=90, Luckshami=89, Shahdara=83, Iqbal Town=82, Upper Mall=79, Taj Pura=73, Misri Shah=58, Samanabad=57, City=56, Shahi Qilla=50, Qurtba chowk=49, Mughal Pura=46, Johar Town=40, Airport=31], Narowal=68, Faisalabad [Dogar Basti=60, Madina Town=53, Allama Iqbal Colony=29, Gulam Muhammad Abad=07]. |
| Sutlej: | -Nil-                                                                                                                                                                                                                                                                                                                                                  |
| Others: | Ziarat=22, Loralai=14, Kalat=13.                                                                                                                                                                                                                                                                                                                       |

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**(Shahid Abbas)**  
Chief Meteorologist  
FFD Lahore

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**46-JAIL ROAD LAHORE-54000**

BULLETIN No. B-081/24

Dated: 03<sup>rd</sup> September, 2024  
Time: 11:20 hours (PST)

**I: WEATHER/RAINFALL FORECAST FOR NEXT 24-HRS:**

| RIVERS | Upper Catchments<br>(Above Rim Stations) | Lower Catchments<br>(Below Rim Stations)             | <b>RESERVOIRS LEVEL<br/>(FEET) at (0600 PST)</b>                                                                                                                                  |  |
|--------|------------------------------------------|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| INDUS  | Scattered thunderstorm rain              | Scattered thunderstorm rain<br>(Rawalpindi Division) | <b>TARBELA</b><br>Current: 1550.00<br>Max. Conservation: 1550.00<br>Live Storage 100.00%<br><b>MANGLA</b><br>Current: 1224.20<br>Max Conservation: 1242.00<br>Live Storage 81.23% |  |
| JHELUM | -do-                                     | -do-<br>(Sargodha Division)                          |                                                                                                                                                                                   |  |
| CHENAB | -do-                                     | -do-<br>(Gujranwala Division)                        |                                                                                                                                                                                   |  |
| RAVI   | -do-                                     | -do-<br>(Lahore Division)                            |                                                                                                                                                                                   |  |
| SUTLEJ | -do-                                     | -do-<br>(Bahawalpur Division)                        |                                                                                                                                                                                   |  |

**II: QUANTITATIVE FLOOD FORECAST OF GAUGING STATIONS (IN THOUSANDS OF CUSECS)**

| RIVERS | Stations  | Design Capacity | Actual Observations at 0600 PST |         | Quantitative Forecast for Next 24-hrs (Inflow) | Qualitative Forecasted Flood Level (Inflow) | Max Flood Peaks (In Thousands of Cusecs) |                   |
|--------|-----------|-----------------|---------------------------------|---------|------------------------------------------------|---------------------------------------------|------------------------------------------|-------------------|
|        |           |                 | Inflow                          | Outflow |                                                |                                             | Historical                               | Flood Season 2024 |
| INDUS  | Tarbela   | 1500            | 177.0                           | 155.5   | 160-180                                        | Below Low                                   | 832.0 (2010)                             | 350.0             |
|        | Kalabagh  | 950             | 202.2                           | 196.5   | 200-230                                        | -do-                                        | 950.0 (1942)                             | 401.7             |
|        | Chashma   | 950             | 233.1                           | 209.4   | 250-270                                        | Low                                         | 1038.9 (2010)                            | 432.7             |
|        | Taunsa    | 1100            | 215.9                           | 192.4   | 200-230                                        | Below Low                                   | 960.0 (2010)                             | 442.2             |
|        | Guddu     | 1200            | 230.1                           | 203.5   | 220-230                                        | Low                                         | 1199.7 (1976)                            | 431.3             |
|        | Sukkur    | 1500            | 200.5                           | 175.1   | 190-200                                        | Below Low                                   | 1166.6 (1986)                            | 401.1             |
|        | Kotri     | 875             | 341.9                           | 335.6   | 340-345                                        | Medium                                      | 980.3 (1956)                             | 341.9             |
| KABUL  | Nowshera  | -               | 31.1                            | 31.1    | 30-40                                          | Below Low                                   | 391.3 (1990)                             | 114.2             |
| JHELUM | Mangla    | 1060            | 45.0                            | 8.0     | 40-50                                          | -do-                                        | 1090.0 (1992)                            | 176.0             |
|        | Rasul     | 850             | 6.6                             | 5.3     | No Sig. change                                 | Below Low                                   | 952.2 (1992)                             | 67.8              |
| CHENAB | Marala    | 1100            | 79.0                            | 49.0    | 80-110                                         | Low                                         | 1100.0 (1957)                            | 178.8             |
|        | Khanki    | 1100            | 36.1                            | 29.3    | 50-80                                          | Below Low                                   | 1086.5 (1959)                            | 177.1             |
|        | Qadirabad | 807             | 32.8                            | 14.8    | 40-70                                          | -do-                                        | 948.5 (1992)                             | 163.2             |
|        | Trimmu    | 645             | 61.7                            | 51.5    | 60-80                                          | -do-                                        | 944.0 (1928)                             | 96.3              |
|        | Punjnad   | 700             | 52.7                            | 42.9    | No Sig. change                                 | -do-                                        | 802.5 (1973)                             | 72.3              |
| RAVI   | Jassar    | 275             | 3.1                             | 3.1     | 5-15                                           | -do-                                        | 680.0 (1955)                             | 40.4              |
|        | Shahdara  | 250             | 16.6                            | 16.6    | No Sig. change                                 | -do-                                        | 576.0 (1988)                             | 28.0              |
|        | Balloki   | 225             | 43.4                            | 17.4    | -do-                                           | -do-                                        | 389.8 (1988)                             | 56.3              |
|        | Sidhnai   | 150             | 33.7                            | 22.7    | -do-                                           | -do-                                        | 330.2 (1988)                             | 33.7              |
| SUTLEJ | G.S. Wala | --              | 0.4                             | 0.4     | -do-                                           | -do-                                        | 837.0 (1955)                             | 19.7              |
|        | Sulemanki | 325             | 15.2                            | 5.6     | -do-                                           | -do-                                        | 598.9 (1955)                             | 46.2              |
|        | Islam     | 300             | 11.3                            | 10.2    | -do-                                           | -do-                                        | 492.6 (1955)                             | 12.5              |

Isolated= 20 to 30% of area Scattered= 30 to 50% of area | Widespread= 90 to 100% of area R= Rising, F= Falling

Note: Concerned Departments may contact FFD, Lahore for rectification up-dation (if any)

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BULLETIN No. C-081/24

Dated: 03<sup>rd</sup> September, 2024  
Time: 11:20 hours (PST)

**SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS'**  
**CATCHMENTS' (04<sup>th</sup>- September, 2024 to 10<sup>th</sup>-September, 2024)**

➤ **RAINFALL OUTLOOK:**

The monsoon is likely to be less active.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

No significant flood situation is expected in any of the major rivers.

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**(Shahid Abbas)**  
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**FFD Lahore**

**Note:** This forecast is updated on daily basis.