

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

BULLETIN No. A-084/24

**Dated: 06th September, 2024
Time: 10:40 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. Secretary, Climate change, Islamabad.
12. Chairman NHA, Islamabad.
13. Chief Secretary (All Provinces).
14. PDMA'S (DG's All Provinces & AJK).
15. Chairman, Federal Flood Commission, Islamabad.
16. Chairman, Indus River System Authority, Islamabad.
17. Chairman, PCRWR, Islamabad.
18. The Secretary General, Red Crescent, Islamabad.
19. Secretary, Irrigation Department, (All Provinces).
20. D.G. Engineers, Eng. Directorate GHQ, Rawalpindi.
21. Pakistan Commissioner for Indus Waters (PCIW), Islamabad.
22. Chief Engineer, Mangla/Tarbela/Chashma.
23. Chief Engineer, Irrigation (All Provinces).
24. Chief Engineer, (All Barrages).
25. Chief Engineer, C.D.O. (Muzaffarabad).
26. All other concerned.

SUBJECT: -RIVERS SITUATION AND QUALITATIVE FLOOD FORECAST:

I: HYDROLOGICAL SITUATION at 0600 PST:

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

II: METEOROLOGICAL FEATURES:

- a) Yesterday's shallow trough of westerly wave over northern parts of Afghanistan today lies over northeast Afghanistan and adjoining areas.
- b) Light to moderate moist currents are penetrating the upper parts of the country from Arabian Sea and Bay of Bengal.
- c) 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 the major rivers, Islamabad along with Bannu, Kohat, Rawalpindi, Sargodha and Gujranwala divisions. Isolated thunderstorm rain of moderate intensity is expected over Lahore, DG Khan and Bahawalpur divisions.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

No significant monsoon activity is expected.

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

Indus:	Khawagoobo Bridge =02, DG Khan (Fort Munro) & Dir=Trace(each).
Jhelum:	Rawalakot=05, Sargodha (City)=03, Sharda=02, Chakothei & Bandi Abbaspur=01(each), Mandibahauddin & Jhelum=Trace(each).
Chenab:	-Nil-
Ravi:	Lahore [City=08, Qurtba chowk & Gulburg=Trace(each)], Narowal=Trace.
Sutlej:	-Nil-
Others:	Karachi (Airport)=Trace.

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

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Dated: 06th September, 2024
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I: WEATHER/RAINFALL FORECAST FOR NEXT 24-HRS:

RIVERS	Upper Catchments (Above Rim Stations)	Lower Catchments (Below Rim Stations)	RESERVOIRS LEVEL (FEET) at (0600 PST)	
INDUS	Scattered thunderstorm rain	Scattered thunderstorm rain (Rawalpindi Division)	TARBELA	
JHELUM	-do-	-do- (Sargodha Division)	Current:	1550.00
CHENAB	-do-	-do- (Gujranwala Division)	Max. Conservation:	1550.00
RAVI	-do-	Isolated thunderstorm rain (Lahore Division)	Live Storage	100.00%
SUTLEJ	-do-	-do- (Bahawalpur Division)	MANGLA	
			Current:	1226.20
			Max Conservation:	1242.00
			Live Storage	83.25%

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	150.0	155.3	140-150	Below Low	832.0 (2010)	350.0
	Kalabagh	950	189.8	183.8	No Sig. change	-do-	950.0 (1942)	401.7
	Chashma	950	214.6	190.0	-do-	-do-	1038.9 (2010)	432.7
	Taunsa	1100	186.3	162.8	180-200	-do-	960.0 (2010)	442.2
	Guddu	1200	230.8	199.3	220-230	Low	1199.7 (1976)	431.3
	Sukkur	1500	189.4	152.0	No Sig. change	Below Low	1166.6 (1986)	401.1
	Kotri	875	313.1	305.5	290-310	Medium to Low	980.3 (1956)	342.4
KABUL	Nowshera	-	32.5	32.5	30-45	Below Low	391.3 (1990)	114.2
JHELUM	Mangla	1060	30.0	8.0	25-40	-do-	1090.0 (1992)	176.0
	Rasul	850	8.5	5.3	No Sig. change	-do-	952.2 (1992)	67.8
CHENAB	Marala	1100	56.8	27.6	50-80	-do-	1100.0 (1957)	178.8
	Khanki	1100	40.4	33.5	No Sig. change	-do-	1086.5 (1959)	177.1
	Qadirabad	807	30.3	12.3	-do-	-do-	948.5 (1992)	163.2
	Trimmu	645	59.9	49.7	45-55	-do-	944.0 (1928)	96.3
	Punjinad	700	58.1	46.9	60-70	-do-	802.5 (1973)	72.3
RAVI	Jassar	275	5.3	5.3	5-15	-do-	680.0 (1955)	40.4
	Shahdara	250	18.9	18.9	No Sig. change	-do-	576.0 (1988)	28.0
	Balloki	225	44.9	18.5	-do-	-do-	389.8 (1988)	56.3
	Sidhnai	150	26.2	12.2	-do-	-do-	330.2 (1988)	33.8
SUTLEJ	G.S. Wala	--	4.8	4.8	-do-	-do-	837.0 (1955)	19.7
	Sulemanki	325	18.0	7.4	-do-	-do-	598.9 (1955)	46.2
	Islam	300	6.3	4.3	-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)

(Shahid Abbas)
 Chief Meteorologist
 FFD Lahore

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BULLETIN No. C-084/24

Dated: 06th September, 2024
Time: 11:40 hours (PST)

SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS' CATCHMENTS' (07th- September, 2024 to 13th-September, 2024)

➤ **RAINFALL OUTLOOK:**

No significant monsoon activity is expected.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

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

(Shahid Abbas)
Chief Meteorologist
FFD Lahore

Note: This forecast is updated on daily basis.