

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

**BULLETIN No. A-099/24**

**Dated: 21<sup>st</sup> September, 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. 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**

All the major rivers are flowing below low flood level.

**II: METEOROLOGICAL FEATURES**

a) Seasonal low lies over Balochistan.

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

Mainly dry weather is expected over the most parts of the country.

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

No significant change.

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

Indus: -Nil-  
Jhelum: Islampura=01.  
Chenab: -Nil-  
Ravi: -do-  
Sutlej: -do-  
Others: -do-

**--sd/--  
(Shahid Abbas)  
Chief Meteorologist  
FFD Lahore**

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Dated: 21<sup>st</sup> 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)	<b>RESERVOIRS LEVEL (FEET) at (0600 PST)</b>
INDUS	Mainly dry	Mainly dry (Rawalpindi Division)	<b>TARBELA</b> Current: 1539.91 Max. Conservation: 1550.00 Live Storage 89.94% <b>MANGLA</b> Current: 1223.65 Max Conservation: 1242.00 Live Storage 80.67%
JHELUM	-do-	-do- (Sargodha Division)	
CHENAB	-do-	-do- (Gujranwala Division)	
RAVI	-do-	-do- (Lahore Division)	
SUTLEJ	-do-	-do- (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	79.0	114.0	70-80	Below Low	832.0 (2010)	350.0
	Kalabagh	950	97.4	90.0	100-120	-do-	950.0 (1942)	401.7
	Chashma	950	143.1	137.6	No sig. change	-do-	1038.9 (2010)	432.7
	Taunsa	1100	133.5	112.6	-do-	-do-	960.0 (2010)	442.2
	Guddu	1200	113.8	88.4	-do-	-do-	1199.7 (1976)	431.3
	Sukkur	1500	81.4	36.8	-do-	-do-	1166.6 (1986)	401.1
	Kotri	875	65.1	36.4	-do-	-do-	980.3 (1956)	342.4
KABUL	Nowshera	-	19.2	19.2	-do-	-do-	391.3 (1990)	114.2
JHELUM	Mangla	1060	15.0	40.3	15-18	-do-	1090.0 (1992)	176.0
	Rasul	850	39.6	19.7	No sig. change	-do-	952.2 (1992)	67.8
CHENAB	Marala	1100	23.5	4.0	20-25	-do-	1100.0 (1957)	178.8
	Khanki	1100	9.9	3.6	No sig. change	-do-	1086.5 (1959)	177.1
	Qadirabad	807	19.5	0.0	-do-	-do-	948.5 (1992)	163.2
	Trimmu	645	23.3	9.2	-do-	-do-	944.0 (1928)	96.3
	Punjnad	700	22.5	7.8	-do-	-do-	802.5 (1973)	72.3
RAVI	Jassar	275	2.1	2.1	-do-	-do-	680.0 (1955)	40.4
	Shahdara	250	7.6	7.6	-do-	-do-	576.0 (1988)	28.0
	Balloki	225	29.2	4.7	-do-	-do-	389.8 (1988)	56.3
	Sidhnai	150	23.7	7.8	-do-	-do-	330.2 (1988)	33.8
SUTLEJ	G.S. Wala	--	0.0	0.0	-do-	-do-	837.0 (1955)	19.7
	Sulemanki	325	12.6	2.0	-do-	-do-	598.9 (1955)	46.2
	Islam	300	2.1	0.0	-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)

--sd/--  
**(Shahid Abbas)**  
Chief Meteorologist  
**FFD Lahore**

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BULLETIN No. C-099/24

Dated: 21<sup>st</sup> September, 2024  
Time: 11:00 hours (PST)

**SUBJECT: WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS' CATCHMENTS' (22<sup>nd</sup>- September, 2024 to 28<sup>th</sup>-September, 2024)**

➤ **RAINFALL OUTLOOK:**

Scattered thunderstorm rain of moderate intensity is expected over the upper catchments of all major rivers from 26<sup>th</sup> September.

Northerly wind patterns are likely to become more dominant over the upper parts of the country, creating favorable conditions for the withdrawal of monsoon winds from the northern half in the coming days. However, the influence of the westerly wave is expected to continue.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

No flood situation is expected.

**--sd/--**  
**(Shahid Abbas)**  
Chief Meteorologist  
**FFD Lahore**

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