

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

**BULLETIN No. A-107/24**

**Dated: 29<sup>th</sup> September, 2024  
Time: 11:20 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) Yesterday's trough of westerly wave over northern parts of the country has moved away eastwards.
- (b) Light moist currents are penetrating the lower half of the country from Arabian sea up to 3000 feet.
- (c) Weak seasonal low lies over northeast Balochistan.

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

Isolated thunderstorm rain of light intensity is expected over the upper catchments of Kabul and Indus rivers and southeast Sindh along with Peshawar, Kohat, Bannu, DI Khan, Kalat, and Sargodha divisions. Mainly dry weather is expected over the rest of the country.

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

Maily dry weather is expected.

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

Indus: Pattan=12, Buner=02, Chitral, Chowni Bridge Chitral & Mirkhani=Trace(each).  
Jhelum: Mangla=22, Sargodha (Airbase)=07, Sharda & Panjera=Trace(each).  
Chenab: Gujranwala=21, Sialkot (Cantt=06 & Airport=Trace) Hafizabad=05, Gujrat=01.  
Ravi: Okara=21, Sahiwal & Narowal=06(each), Lahore [Gulburg=04, Airport, Taj Pura, City & Luckshami=03(each), Misri Shah & Upper Mall=02(each), Qurtba chowk & Samanabad=01(each), Johar Town & Mughal Pura=Trace(each)], Faisalabad=01, Sheikhpura & Zafarwal=Trace(each).  
Sutlej: Kasur=04.  
Others: Sibbi=Trace.

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

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Dated: 29<sup>th</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)	RESERVOIRS LEVEL (FEET) at (0600 PST)	
INDUS	Isolated thunderstorm rain	Mainly dry (Rawalpindi Division)	<b>TARBELA</b>	
JHELUM	Mainly dry	Isolated thunderstorm rain (Sargodha Division)	Current:	1537.39
CHENAB	-do-	Mainly dry (Gujranwala Division)	Max. Conservation:	1550.00
RAVI	-do-	-do- (Lahore Division)	Live Storage	87.55%
SUTLEJ	-do-	-do- (Bahawalpur Division)	<b>MANGLA</b>	
			Current:	1216.85
			Max Conservation:	1242.00
			Live Storage	73.96%

**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	103.0	72.0	80-100	Below Low	832.0 (2010)	350.0
	Kalabagh	950	99.9	93.0	90-110	-do-	950.0 (1942)	401.7
	Chashma	950	111.7	106.4	No sig. change	-do-	1038.9 (2010)	432.7
	Taunsa	1100	101.5	85.0	-do-	-do-	960.0 (2010)	442.2
	Guddu	1200	103.5	82.4	-do-	-do-	1199.7 (1976)	431.3
	Sukkur	1500	75.9	32.9	-do-	-do-	1166.6 (1986)	401.1
	Kotri	875	49.2	20.1	-do-	-do-	980.3 (1956)	342.4
KABUL	Nowshera	-	22.1	22.1	20-30	-do-	391.3 (1990)	114.2
JHELUM	Mangla	1060	11.0	40.5	10-15	-do-	1090.0 (1992)	176.0
	Rasul	850	40.3	19.7	No sig. change	-do-	952.2 (1992)	67.8
CHENAB	Marala	1100	33.6	5.9	25-35	-do-	1100.0 (1957)	178.8
	Khanki	1100	16.5	9.1	No sig. change	-do-	1086.5 (1959)	177.1
	Qadirabad	807	21.8	2.3	-do-	-do-	948.5 (1992)	163.2
	Trimmu	645	25.9	10.3	-do-	-do-	944.0 (1928)	96.3
	Punjnad	700	16.1	1.0	-do-	-do-	802.5 (1973)	72.3
RAVI	Jassar	275	2.1	2.1	-do-	-do-	680.0 (1955)	40.4
	Shahdara	250	15.4	15.4	-do-	-do-	576.0 (1988)	28.0
	Balloki	225	32.9	5.6	-do-	-do-	389.8 (1988)	56.3
	Sidhnai	150	17.8	1.3	-do-	-do-	330.2 (1988)	33.8
SUTLEJ	G.S. Wala	--	0.0	0.0	-do-	-do-	837.0 (1955)	19.7
	Sulemanki	325	13.3	2.0	-do-	-do-	598.9 (1955)	46.2
	Islam	300	1.8	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)

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

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BULLETIN No. C-107/24

Dated: 29<sup>th</sup>September, 2024

Time: 11:20 hours (PST)

**SUBJECT: WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS'**  
**CATCHMENTS' (30<sup>th</sup>-September, 2024 to 06<sup>th</sup>-October, 2024)**

➤ **RAINFALL OUTLOOK:**

A westerly wave is likely to affect the upper half of the country from 06<sup>th</sup> October.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

No flood situation is expected.

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**(Shahid Abbas)**

Chief Meteorologist

**FFD Lahore**

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