

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

**BULLETIN No. A-106/24**

**Dated: 28<sup>th</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) A trough of westerly wave continues to persist over northern parts of the country.
- (b) Moderate moist currents are penetrating to central parts of the country from Arabian Sea and Bay of Bengal up to 5000 feet.
- (c) Seasonal low lies over northeast Balochistan.

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

Isolated thunderstorm rain of moderate intensity is expected over the upper catchments of all major rivers along with Islamabad & Peshawar, Kohat, Bannu, DI Khan, Zhob, Rawalpindi, Sargodha, Multan and DG Khan divisions. Scattered thunderstorm rain of moderate intensity with isolated heavy fall is expected over Gujranwala, Lahore, and Sahiwal division.

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

Wet spell is likely to decrease.

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

Indus:	Daggar=50, Islamabad [Shamsabad=24, Zeropoint=16, Golra=12, Bokra=10, Saidpur=07, New Airport=05, Chaklala (Airbase & Katcheri)=01(each)], Kakul=15, Mirkhani=12, Chowni Bridge Chitral & Pattan=10(each), Murree & Shinkhari=09(each), Khawagoobo Bridge, Drosh, Oghi & Dir=05(each), Attock=03, Kalam & Buner=02(each), D.G Khan Airport, Kamra (Airbase), Shishi Darosh & Besham=01(each), Arandu Nullah, Saidu Sharif, Risalpur, Khaar-Bajaur, Malam Jabba, Pashat-Bajaur, Kalpani, Skardu, Bunji, Chilas & Bagrote=Trace(each),
Jhelum:	Sargodha (Airbase=44 & City=26), Chakwal & Kallar=23(each), Mandibahauddin=22, Joharabad=15, Sharda=13, Jhelum=12, Garhi Dopatta=10, Mangla=08, Palandri=07, Muzaffarabad (Airport=05 & City=04), Baba Shah Jalal & Kotli=04(each), Balakot=03, Rawalakot, Chakothi & Panjera=02(each), Talhatta=Trace.
Chenab:	Gujranwala [Model Town=21, Liqat Bagh=16, Peoples Colony & City=09(each), Sheranwala Bagh=07], Sialkot [Daska=14, Pasrur & Cantt=13(each), Airport=05, DEOC (city)=04], Barnala=11, Gujrat=09, Hafizabad=06, Jhang=Trace,
Ravi:	Faisalabad (Madina Town=120, Dogar Basti=112, Allama Iqbal Colony=91, Gulistan Colony=82, City=64, Gulam Muhammad Abad=55), Lahore (Township=52, Gulburg=12, Airport=11, Upper Mall, Taj Pura & Johar Town=08(each), Jail Road, Luckshami & Mughal Pura=02(each), Gulshan-e-Ravi, Shahi Qilla, Qurtba chowk, Misri Shah & Shahdara=01(each), Samanabad & Iqbal Town=Trace(each)], Sheikhupura=42, Sahiwal=09, Narowal & Zafarwal=01(each), Okara=Trace.
Sutlej:	Kasur=01.
Others:	-Nil-

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

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**46-JAIL ROAD LAHORE-54000**

BULLETIN No. B-106/24

Dated: 28<sup>th</sup> September, 2024  
 Time: 11:00 hours (PST)

**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	Isolated thunderstorm/rain	Isolated thunderstorm/rain (Rawalpindi Division)	<b>TARBELA</b> Current: 1536.77 Max. Conservation: 1550.00 Live Storage 86.94% <b>MANGLA</b> Current: 1217.80 Max Conservation: 1242.00 Live Storage 74.87%
JHELUM	-do-	-do- (Sargodha Division)	
CHENAB	-do-	Scattered wind thunderstorm/rain (Gujranwala Division)	
RAVI	-do-	-do- (Lahore Division)	
SUTLEJ	-do-	Mainly dry (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	111.0	85.7	100-115	Below Low	832.0 (2010)	350.0
	Kalabagh	950	124.3	117.3	120-140	-do-	950.0 (1942)	401.7
	Chashma	950	112.2	106.9	No sig. change	-do-	1038.9 (2010)	432.7
	Taunsa	1100	99.7	83.5	-do-	-do-	960.0 (2010)	442.2
	Guddu	1200	108.4	85.0	-do-	-do-	1199.7 (1976)	431.3
	Sukkur	1500	76.6	33.6	-do-	-do-	1166.6 (1986)	401.1
	Kotri	875	49.2	20.1	-do-	-do-	980.3 (1956)	342.4
KABUL	Nowshera	-	21.4	21.4	20-30	-do-	391.3 (1990)	114.2
JHELUM	Mangla	1060	18.0	40.5	20-30	-do-	1090.0 (1992)	176.0
	Rasul	850	40.0	19.7	No sig. change	-do-	952.2 (1992)	67.8
CHENAB	Marala	1100	36.2	7.9	35-45	-do-	1100.0 (1957)	178.8
	Khanki	1100	11.1	3.6	No sig. change	-do-	1086.5 (1959)	177.1
	Qadirabad	807	21.8	2.3	-do-	-do-	948.5 (1992)	163.2
	Trimmu	645	24.7	9.3	-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	14.1	14.1	-do-	-do-	576.0 (1988)	28.0
	Balloki	225	33.0	6.5	-do-	-do-	389.8 (1988)	56.3
	Sidhnai	150	17.5	1.1	-do-	-do-	330.2 (1988)	33.8
SUTLEJ	G.S. Wala	--	0.0	0.0	-do-	-do-	837.0 (1955)	19.7
	Sulemanki	325	13.0	2.0	-do-	-do-	598.9 (1955)	46.2
	Islam	300	1.9	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-106/24

Dated: 28<sup>th</sup> September, 2024  
Time: 11:00 hours (PST)

**SUBJECT: WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS' CATCHMENTS' (29<sup>th</sup> -September, 2024 to 05<sup>th</sup> -October, 2024)**

➤ **RAINFALL OUTLOOK:**

Mainly dry weather is expected.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

No Significant flood situation is expected.

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(Shahid Abbas)  
Chief Meteorologist  
FFD Lahore

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