

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

BULLETIN No. A-116/24

Dated: 08th October, 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

All the major rivers are flowing below low flood level.

II: METEOROLOGICAL FEATURES

- a) Trough of westerly wave today lies over northern parts of the country.
- b) Weak seasonal low lies over northeast Balochistan.

III: WEATHER FORECAST FOR 24-HOURS

Scattered wind thunderstorm/rain of moderate intensity is expected over the upper catchments of all major rivers and Islamabad along with Rawalpindi, Peshawar, Kohat, Bannu, DI Khan, Zhob, Quetta, Sibbi, Nasirabad, Loralai, Kalat, Gwadar, Sargodha and DG Khan divisions. Isolated wind thunderstorm/rain of light to moderate intensity is expected over Gujranwala, Lahore, Faisalabad and Multan divisions.

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: DG Khan [Fort Munro=27, Airport=02, Vehova=01], Dir=27, Kalam & Bannu=15(each), Chitral=13, Drosh=12, Khawagoobo Bridge & Lower Dir=10(each), Chowni Bridge Chitral=09, Parachinar=08, Peshawar [Bacha Khan Airport=06, Airbase & City=05(each)], Ghalanai=06, Kohat (Airbase) & Mirkhani=05(each), Bosak Bridge, Besham, Takht Bai, Mardan, Risalpur & Gupis=04(each), Shishi Darosh, Layyah & Cherat=03(each), Khaar-Bajaur, Bagrote & Kurrum Garhi=02(each), Arandu Nullah, Astore, Saidu Sharif, Malam Jabba, Tanda Dam, Hunza & Bhakkar=01(each), Islamabad [Zeropoint & New Airport=Trace(each)], Murree, Buner, Warsak Dam, Kalpani, Kabul, Gilgit, Pashat-Bajaur, D.I.Khan (Airport & City)=Trace(each).

Jhelum: Muzaffarabad (Airport & City) =04(each), Sharda=01, Panjera & Chakothi=Trace(each).

Chenab: Kot Addu=05.

Ravi: -Nil-

Sutlej: -do-

Others: Quetta (Sheaikh Manda=09 & Samungli=02), Muslim Bagh=05, Zhob=04, Sibbi & Ziarat=02(each), Khuzdar & Loralai=01(each), Pishin=Trace.

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

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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) TARBELA Current: 1537.10 Max. Conservation: 1550.00 Live Storage 87.27% MANGLA Current: 1208.25 Max Conservation: 1242.00 Live Storage 65.82%
INDUS	Scattered thunderstorm	Scattered thunderstorm (Rawalpindi Division)	
JHELUM	-do-	-do- (Sargodha Division)	
CHENAB	-do-	Isolated thunderstorm (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	65.0	47.3	60-80	Below Low	832.0 (2010)	350.0
	Kalabagh	950	90.6	83.5	No sig. change	-do-	950.0 (1942)	401.7
	Chashma	950	89.9	84.7	-do-	-do-	1038.9 (2010)	432.7
	Taunsa	1100	81.4	69.1	-do-	-do-	960.0 (2010)	442.2
	Guddu	1200	71.8	63.1	-do-	-do-	1199.7 (1976)	431.3
	Sukkur	1500	51.1	11.1	-do-	-do-	1166.6 (1986)	401.1
	Kotri	875	26.1	0.9	-do-	-do-	980.3 (1956)	342.4
KABUL	Nowshera	-	19.3	19.3	20-30	-do-	391.3 (1990)	114.2
JHELUM	Mangla	1060	15.0	37.7	8-15	-do-	1090.0 (1992)	176.0
	Rasul	850	36.6	15.8	No sig. change	-do-	952.2 (1992)	67.8
CHENAB	Marala	1100	19.7	3.5	20-25	-do-	1100.0 (1957)	178.8
	Khanki	1100	8.3	0.9	No sig. change	-do-	1086.5 (1959)	177.1
	Qadirabad	807	19.5	0.0	-do-	-do-	948.5 (1992)	163.2
	Trimmu	645	23.0	7.2	-do-	-do-	944.0 (1928)	96.3
	Punjnad	700	13.5	0.0	-do-	-do-	802.5 (1973)	72.3
RAVI	Jassar	275	2.4	2.4	-do-	-do-	680.0 (1955)	40.4
	Shahdara	250	8.2	8.2	-do-	-do-	576.0 (1988)	28.0
	Balloki	225	31.5	3.8	-do-	-do-	389.8 (1988)	56.3
	Sidhnai	150	16.6	0.0	-do-	-do-	330.2 (1988)	33.8
SUTLEJ	G.S. Wala	--	0.0	0.0	-do-	-do-	837.0 (1955)	19.7
	Sulemanki	325	16.1	3.5	-do-	-do-	598.9 (1955)	46.2
	Islam	300	2.8	1.3	-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)

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(Shahid Abbas)
Chief Meteorologist
FFD Lahore

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BULLETIN No. C-116/24

Dated: 08th October, 2024
Time: 10:40 hours (PST)

SUBJECT: WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS' CATCHMENTS' (09th -October, 2024 to 15th -October, 2024)

➤ **RAINFALL OUTLOOK:**

Isolated wind thunderstorm rain of moderate intensity is expected over the upper catchments of all the major rivers till 10th 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.