

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

BULLETIN No. A-120/24

Dated: 12th 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) Weak seasonal low lies over east Balochistan.

III: WEATHER FORECAST FOR 24-HOURS

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

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS

Mainly dry weather.

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

- Indus: Ghalanai=02, Arandu Nullah=Trace.
- Jhelum: -Nil-
- Chenab: -do-
- Ravi: -do-
- Sutlej: -do-
- Others: Karachi [Airport=11, Faisal Base=08, University Road=02, Jinnah Terminal=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)	
INDUS	Mainly dry	Mainly dry (Rawalpindi Division)	TARBELA	
JHELUM	-do-	-do- (Sargodha Division)	Current:	1536.33
CHENAB	-do-	-do- (Gujranwala Division)	Max. Conservation:	1550.00
RAVI	-do-	-do- (Lahore Division)	Live Storage	86.52%
SUTLEJ	-do-	-do- (Bahawalpur Division)	MANGLA	
			Current:	1205.00
			Max Conservation:	1242.00
			Live Storage	62.90%

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	46.0	60.4	45-50	Below Low	832.0 (2010)	350.0
	Kalabagh	950	76.5	69.5	No sig. change	-do-	950.0 (1942)	401.7
	Chashma	950	74.2	69.0	-do-	-do-	1038.9 (2010)	432.7
	Taunsa	1100	81.7	69.4	-do-	-do-	960.0 (2010)	442.2
	Guddu	1200	64.3	55.6	-do-	-do-	1199.7 (1976)	431.3
	Sukkur	1500	53.6	16.5	-do-	-do-	1166.6 (1986)	401.1
	Kotri	875	24.7	0.9	-do-	-do-	980.3 (1956)	342.4
KABUL	Nowshera	-	18.8	18.8	15-20	-do-	391.3 (1990)	114.2
JHELUM	Mangla	1060	9.0	34.3	8-10	-do-	1090.0 (1992)	176.0
	Rasul	850	29.0	8.0	No sig. change	-do-	952.2 (1992)	67.8
CHENAB	Marala	1100	14.4	5.7	12-16	-do-	1100.0 (1957)	178.8
	Khanki	1100	10.2	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	19.0	7.2	-do-	-do-	944.0 (1928)	96.3
	Punjnad	700	12.8	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	2.4	2.4	-do-	-do-	576.0 (1988)	28.0
	Balloki	225	27.7	0.0	-do-	-do-	389.8 (1988)	56.3
	Sidhnai	150	14.4	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	15.3	3.0	-do-	-do-	598.9 (1955)	46.2
	Islam	300	2.9	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
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BULLETIN No. C-120/24

Dated: 12th October, 2024
Time: 10:40 hours (PST)

SUBJECT: WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS' CATCHMENTS' (13th -October, 2024 to 19th -October, 2024)

➤ **RAINFALL OUTLOOK:**

Mainly dry weather is expected over the upper catchments of all major rivers until 16th October. A weak westerly trough is likely to affect the upper catchments of the Kabul and Indus Rivers from the 17th 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.