

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

BULLETIN No. A-101/24

**Dated: 23rd September, 2024
Time: 11:00 hours (PST)**

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| 1. President Secretariat, Islamabad | 14. PDMA'S (DG's All Provinces & AJK) |
| 2. PM House, Islamabad | 15. Chairman, Federal Flood Commission, Islamabad |
| 3. Federal Minister for Water Resources, Islamabad | 16. Chairman, Indus River System Authority, Islamabad |
| 4. Governor (All Provinces) | 17. Chairman, PCRWR, Islamabad |
| 5. Chairman NDMA, Islamabad | 18. The Secretary General, Red Crescent, Islamabad |
| 6. Chief Minister (All Provinces) | 19. Secretary, Irrigation Department, (All Provinces) |
| 7. PM Secretariat, Islamabad | 20. D.G. Engineers, Eng. Directorate GHQ, Rawalpindi |
| 8. Secretary, Aviation Division, Islamabad | 21. Pakistan Commissioner for Indus Waters (PCIW), Islamabad |
| 9. Secretary, Ministry for Water Resources, Islamabad | 22. Chief Engineer, Mangla/Tarbela/Chashma |
| 10. Secretary, Ministry of Information, Islamabad | 23. Chief Engineer, Irrigation (All Provinces) |
| 11. Secretary, Climate change, Islamabad | 24. Chief Engineer, (All Barrages) |
| 12. Chairman NHA, Islamabad | 25. Chief Engineer, C.D.O. (Muzaffarabad) |
| 13. Chief Secretary (All Provinces) | 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

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:	-do-
Chenab:	-do-
Ravi:	-do-
Sutlej:	-do-
Others:	-do-

--sd/--
(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:	1537.16
CHENAB	-do-	-do- (Gujranwala Division)	Max. Conservation:	1550.00
RAVI	-do-	-do- (Lahore Division)	Live Storage	87.32%
SUTLEJ	-do-	-do- (Bahawalpur Division)	MANGLA	
			Current:	1222.05
			Max Conservation:	1242.00
			Live Storage	79.04%

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	85.0	60.9	80-85	Below Low	832.0 (2010)	350.0
	Kalabagh	950	121.6	114.3	120-150	-do-	950.0 (1942)	401.7
	Chashma	950	141.8	136.2	No sig. change	-do-	1038.9 (2010)	432.7
	Taunsa	1100	128.7	107.4	-do-	-do-	960.0 (2010)	442.2
	Guddu	1200	112.8	88.5	-do-	-do-	1199.7 (1976)	431.3
	Sukkur	1500	80.6	36.6	-do-	-do-	1166.6 (1986)	401.1
	Kotri	875	53.1	23.1	-do-	-do-	980.3 (1956)	342.4
KABUL	Nowshera	-	17.3	17.3	-do-	-do-	391.3 (1990)	114.2
JHELUM	Mangla	1060	15.0	40.3	15-18	-do-	1090.0 (1992)	176.0
	Rasul	850	39.8	19.7	No sig. change	-do-	952.2 (1992)	67.8
CHENAB	Marala	1100	22.5	4.0	20-25	-do-	1100.0 (1957)	178.8
	Khanki	1100	8.1	1.8	No sig. change	-do-	1086.5 (1959)	177.1
	Qadirabad	807	19.5	0.0	-do-	-do-	948.5 (1992)	163.2
	Trimmu	645	25.6	11.0	-do-	-do-	944.0 (1928)	96.3
	Punjnad	700	19.9	5.1	-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	30.3	5.8	-do-	-do-	389.8 (1988)	56.3
	Sidhnai	150	18.9	3.0	-do-	-do-	330.2 (1988)	33.8
SUTLEJ	G.S. Wala	--	0.0	0.0	-do-	-do-	837.0 (1955)	19.7
	Sulemanki	325	12.8	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)
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FFD Lahore

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BULLETIN No. C-101/24

Dated: 23rd September, 2024
Time: 11:00 hours (PST)

SUBJECT: WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS' CATCHMENTS' (24th-September, 2024 to 30th-September, 2024)

➤ **RAINFALL OUTLOOK:**

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

➤ **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.