

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

BULLETIN No. A-100/24

**Dated: 22nd 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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Dated: 22nd 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	Mainly dry	Mainly dry (Rawalpindi Division)	TARBELA Current: 1538.86 Max. Conservation: 1550.00 Live Storage 88.94% MANGLA Current: 1222.85 Max Conservation: 1242.00 Live Storage 79.85%
JHELUM	-do-	-do- (Sargodha Division)	
CHENAB	-do-	-do- (Gujranwala Division)	
RAVI	-do-	-do- (Lahore Division)	
SUTLEJ	-do-	-do- (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	83.0	103.0	70-80	Below Low	832.0 (2010)	350.0
	Kalabagh	950	98.5	91.1	100-120	-do-	950.0 (1942)	401.7
	Chashma	950	141.4	135.8	No sig. change	-do-	1038.9 (2010)	432.7
	Taunsa	1100	129.8	110.1	-do-	-do-	960.0 (2010)	442.2
	Guddu	1200	113.3	89.0	-do-	-do-	1199.7 (1976)	431.3
	Sukkur	1500	82.1	37.8	-do-	-do-	1166.6 (1986)	401.1
	Kotri	875	59.6	29.7	-do-	-do-	980.3 (1956)	342.4
KABUL	Nowshera	-	17.9	17.9	-do-	-do-	391.3 (1990)	114.2
JHELUM	Mangla	1060	15.0	40.3	15-18	-do-	1090.0 (1992)	176.0
	Rasul	850	35.9	15.8	No sig. change	-do-	952.2 (1992)	67.8
CHENAB	Marala	1100	22.9	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	26.0	11.9	-do-	-do-	944.0 (1928)	96.3
	Punjnad	700	18.2	3.4	-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	29.2	4.7	-do-	-do-	389.8 (1988)	56.3
	Sidhnai	150	21.7	5.8	-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)
 Chief Meteorologist
 FFD Lahore

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BULLETIN No. C-100/24

Dated: 22nd September, 2024
Time: 11:00 hours (PST)

SUBJECT: WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS' CATCHMENTS' (23rd- September, 2024 to 29th-September, 2024)

➤ **RAINFALL OUTLOOK:**

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

Northerly wind patterns are likely to become more dominant over the upper parts of the country along with anticyclonic circulation over the border of India and Pakistan, creating favorable conditions for the withdrawal of monsoon winds from the northern half of the country from 23rd September. However, the influence of the westerly wave is likely to continue.

➤ **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.