

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

BULLETIN No. A-091/24

**Dated: 13th September, 2024
Time: 11:00 hours (PST)**

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| <ol style="list-style-type: none">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). | <ol style="list-style-type: none">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. |
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SUBJECT: RIVERS SITUATION AND QUALITATIVE FLOOD FORECAST

I: HYDROLOGICAL SITUATION at 0600 PST

All the major rivers are flowing in their state of normal flow. Low to medium level flows are expected in the hill torrents of DG Khan division during 48 hours.

II: METEOROLOGICAL FEATURES

- a) Yesterday's trough of westerly wave over northern parts of Afghanistan today lies over northeast Afghanistan and adjoining areas of the country.
- b) Moderate moist currents from the Arabian Sea are penetrating the upper half of the country up to 5000 feet.
- c) Weak seasonal low lies over northeast Balochistan.

III: WEATHER FORECAST FOR 24-HOURS

Scattered thunderstorm rain of moderate intensity is expected over the upper catchments of rivers Kabul, Indus, Jhelum and Sutlej along with Islamabad and Peshawar, Kohat, Bannu, DI Khan, Zhob, Rawalpindi, Sargodha, Gujranwala and DG Khan divisions. Isolated thunderstorm rain is expected over the upper catchments of rivers Chenab and Ravi along with Lahore division.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS

Moderate rainfall activity is likely to continue.

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

Indus:	Islamabad [PMD Headquarters=27, Shamsabad=24, Saidpur=10, Chaklala (Airbase)=05].
Jhelum:	-Nil-
Chenab:	Gujranwala=01, Gujrat=Trace.
Ravi:	Narowal=07, Lahore (Airport)=01.
Sutlej:	-Nil-
Others:	Karachi (University Road) =01.

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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: 1549.13 Max. Conservation: 1550.00 Live Storage 99.13% MANGLA Current: 1228.50 Max Conservation: 1242.00 Live Storage 85.58%
INDUS	Scattered thunderstorm rain	Scattered thunderstorm rain (Rawalpindi Division)	
JHELUM	-do-	-do- (Sargodha Division)	
CHENAB	Isolated thunderstorm rain	-do- (Gujranwala Division)	
RAVI	-do-	Isolated thunderstorm rain (Lahore Division)	
SUTLEJ	Scattered thunderstorm rain	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	103.0	119.6	95-105	Below Low	832.0 (2010)	350.0
	Kalabagh	950	134.6	127.6	135-160	-do-	950.0 (1942)	401.7
	Chashma	950	160.6	150.1	No sig. change	-do-	1038.9 (2010)	432.7
	Taunsa	1100	130.1	104.2	-do-	-do-	960.0 (2010)	442.2
	Guddu	1200	159.4	134.8	-do-	-do-	1199.7 (1976)	431.3
	Sukkur	1500	125.0	82.6	-do-	-do-	1166.6 (1986)	401.1
	Kotri	875	169.0	169.0	-do-	-do-	980.3 (1956)	342.4
KABUL	Nowshera	-	26.6	26.6	-do-	-do-	391.3 (1990)	114.2
JHELUM	Mangla	1060	20.0	20.0	20-40	-do-	1090.0 (1992)	176.0
	Rasul	850	16.2	0.0	No sig. change	-do-	952.2 (1992)	67.8
CHENAB	Marala	1100	38.5	11.5	35-45	-do-	1100.0 (1957)	178.8
	Khanki	1100	14.7	9.1	No sig. change	-do-	1086.5 (1959)	177.1
	Qadirabad	807	24.0	12.0	-do-	-do-	948.5 (1992)	163.2
	Trimmu	645	29.9	16.9	-do-	-do-	944.0 (1928)	96.3
	Punjad	700	50.1	35.5	-do-	-do-	802.5 (1973)	72.3
RAVI	Jassar	275	4.7	4.7	-do-	-do-	680.0 (1955)	40.4
	Shahdara	250	17.8	17.8	-do-	-do-	576.0 (1988)	28.0
	Balloki	225	34.2	6.5	-do-	-do-	389.8 (1988)	56.3
	Sidhnai	150	22.0	6.9	-do-	-do-	330.2 (1988)	33.8
SUTLEJ	G.S. Wala	--	0.4	0.4	-do-	-do-	837.0 (1955)	19.7
	Sulemanki	325	15.6	3.2	-do-	-do-	598.9 (1955)	46.2
	Islam	300	5.5	3.3	-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)
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BULLETIN No. C-091/24

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SUBJECT: WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS' CATCHMENTS' (14th- September, 2024 to 20th-September, 2024)

➤ **RAINFALL OUTLOOK:**

Monsoon activity is likely to **decrease significantly** from 15th of September.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

No significant flood situation is expected in any of the major rivers.

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(Shahid Abbas)
Chief Meteorologist
FFD Lahore

Note: This forecast is updated on daily basis.