

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

BULLETIN No. A-095/24

**Dated: 17th 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 below low flood level.

II: METEOROLOGICAL FEATURES

- a) Yesterday's trough of westerly wave over northern parts of Afghanistan today lies over northern parts of country.
- b) Yesterday's Deep Depression over West Bengal has weakened into depression, moved north-westwards and today lies over north Chhattisgarh and adjoining Jharkhand.
- c) Mild moist currents from the Arabian Sea are penetrating the upper half of the country up to 3000 feet.
- d) Seasonal low lies over Balochistan.

III: WEATHER FORECAST FOR 24-HOURS

Mainly dry weather is expected over the most parts of the country. However, isolated thunderstorm rain of light intensity is expected over the upper catchments of rivers Kabul and Indus along with Islamabad & Rawalpindi, Peshawar, Kohat and Bannu divisions.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS

No significant change is expected over the most parts of the country. However, scattered thunderstorm rain of moderate intensity is expected over the upper catchments of rivers Sutlej, Ravi and Chenab.

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

Indus:	D.G Khan (Vehova)=10, Bar Khan=05, Mir Khani & Chitral=01(each), Arandu Nullah & Karor (Layyah)=Trace(each).
Jhelum:	-Nil-
Chenab:	- do -
Ravi:	-do-
Sutlej:	-do-
Others:	Lasbella=08.

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(Shahid Abbas)
Chief Meteorologist
FFD Lahore

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Dated: 17th 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	Isolated thunderstorm rain	Isolated thunderstorm rain (Rawalpindi Division)	TARBELA Current: 1544.07 Max. Conservation: 1550.00 Live Storage 94.09%	MANGLA Current: 1226.80 Max Conservation: 1242.00 Live Storage 83.85%
JHELUM	Mainly dry	Mainly dry (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	86.0	94.8	80-90	Below Low	832.0 (2010)	350.0
	Kalabagh	950	142.1	135.1	120-150	-do-	950.0 (1942)	401.7
	Chashma	950	149.7	141.4	No sig. change	-do-	1038.9 (2010)	432.7
	Taunsa	1100	141.6	115.4	-do-	-do-	960.0 (2010)	442.2
	Guddu	1200	130.7	101.8	-do-	-do-	1199.7 (1976)	431.3
	Sukkur	1500	96.3	52.8	-do-	-do-	1166.6 (1986)	401.1
	Kotri	875	106.1	81.9	-do-	-do-	980.3 (1956)	342.4
KABUL	Nowshera	-	24.6	24.6	-do-	-do-	391.3 (1990)	114.2
JHELUM	Mangla	1060	19.0	40.5	18-23	-do-	1090.0 (1992)	176.0
	Rasul	850	27.4	8.0	No sig. change	-do-	952.2 (1992)	67.8
CHENAB	Marala	1100	31.2	5.9	25-30	-do-	1100.0 (1957)	178.8
	Khanki	1100	13.6	7.3	No sig. change	-do-	1086.5 (1959)	177.1
	Qadirabad	807	21.5	3.5	-do-	-do-	948.5 (1992)	163.2
	Trimmu	645	22.3	8.3	-do-	-do-	944.0 (1928)	96.3
	Punjnad	700	30.3	15.6	-do-	-do-	802.5 (1973)	72.3
RAVI	Jassar	275	2.1	2.1	-do-	-do-	680.0 (1955)	40.4
	Shahdara	250	14.5	14.5	-do-	-do-	576.0 (1988)	28.0
	Balloki	225	29.0	8.5	-do-	-do-	389.8 (1988)	56.3
	Sidhnai	150	23.5	8.1	-do-	-do-	330.2 (1988)	33.8
SUTLEJ	G.S. Wala	--	0.1	0.1	-do-	-do-	837.0 (1955)	19.7
	Sulemanki	325	10.5	2.0	-do-	-do-	598.9 (1955)	46.2
	Islam	300	2.4	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)

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(Shahid Abbas)
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BULLETIN No. C-095/24

Dated: 17th September, 2024
Time: 11:00 hours (PST)

SUBJECT: WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS' CATCHMENTS' (18th- September, 2024 to 24th-September, 2024)

➤ **RAINFALL OUTLOOK:**

Scattered thunderstorm rain is expected over the upper catchments of rivers Sutlej, Ravi and Chenab from 18th September.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

Flows are likely to increase in rivers Sutlej, Ravi and Chenab from 19th September.

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(Shahid Abbas)
Chief Meteorologist
FFD Lahore

Note: This forecast is updated on daily basis.