

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

BULLETIN No. A-097/24

**Dated: 19th 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 well marked low weakened into low, moved westwards and today lies over north Madhya Pradesh.
- b) Mild moist currents from the Bay of Bengal are penetrating the upper catchments of rivers Sutlej, Ravi and Chenab up to 3000 feet.

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 Sutlej, Ravi and Chenab along with Gujranwala, Lahore and Bahawalpur divisions.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS

No significant change.

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

Indus:	Shishi Darosh=Trace.
Jhelum:	Rawalakot=01.
Chenab:	Gujranwala=Trace.
Ravi:	-Nil-
Sutlej:	Bahawalnagar=Trace.
Others:	-Nil-

**--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:	1542.12
CHENAB	Isolated thunderstorm rain	Isolated thunderstorm rain (Gujranwala Division)	Max. Conservation:	1550.00
RAVI	-do-	-do- (Lahore Division)	Live Storage	92.14%
SUTLEJ	-do-	-do- (Bahawalpur Division)	MANGLA	
			Current:	1225.25
			Max Conservation:	1242.00
			Live Storage	82.29%

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	82.0	104.1	70-80	Below Low	832.0 (2010)	350.0
	Kalabagh	950	122.1	114.8	120-135	-do-	950.0 (1942)	401.7
	Chashma	950	150.6	145.1	No sig. change	-do-	1038.9 (2010)	432.7
	Taunsa	1100	132.5	111.4	-do-	-do-	960.0 (2010)	442.2
	Guddu	1200	122.7	91.2	-do-	-do-	1199.7 (1976)	431.3
	Sukkur	1500	82.8	37.4	-do-	-do-	1166.6 (1986)	401.1
	Kotri	875	88.5	62.4	-do-	-do-	980.3 (1956)	342.4
KABUL	Nowshera	-	21.9	21.9	-do-	-do-	391.3 (1990)	114.2
JHELUM	Mangla	1060	15.0	40.4	15-20	-do-	1090.0 (1992)	176.0
	Rasul	850	35.7	15.8	No sig. change	-do-	952.2 (1992)	67.8
CHENAB	Marala	1100	24.6	5.0	25-30	-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	18.3	4.3	-do-	-do-	944.0 (1928)	96.3
	Punjnad	700	24.7	10.0	-do-	-do-	802.5 (1973)	72.3
RAVI	Jassar	275	2.1	2.1	-do-	-do-	680.0 (1955)	40.4
	Shahdara	250	9.2	9.2	-do-	-do-	576.0 (1988)	28.0
	Balloki	225	35.5	12.0	-do-	-do-	389.8 (1988)	56.3
	Sidhnai	150	19.7	3.8	-do-	-do-	330.2 (1988)	33.8
SUTLEJ	G.S. Wala	--	0.1	0.1	-do-	-do-	837.0 (1955)	19.7
	Sulemanki	325	9.5	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-097/24

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SUBJECT: WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS' CATCHMENTS' (20th- September, 2024 to 26th-September, 2024)

➤ **RAINFALL OUTLOOK:**

No flood generating rainfall is expected over the upper catchment of all major rivers.

Monsoon activity is likely to rebuild significantly at the end of September.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

Slight increase is expected in the flows of rivers Sutlej, Ravi and Chenab.

--sd/--
(Shahid Abbas)
Chief Meteorologist
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Note: This forecast is updated on daily basis.