

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

BULLETIN No. A-094/24

**Dated: 16th 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) A trough of westerly wave lies over northern parts of Afghanistan and adjoining areas.
- b) Yesterday's Deep Depression over West Bengal moved westwards and today lies over east Jharkhand.
- c) Light moist currents from the Arabian Sea are penetrating the upper half of the country up to 3000 feet.
- d) Seasonal low lies over northwest 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, Indus and Jhelum along with Islamabad & Rawalpindi, Peshawar, Kohat, Bannu, Zhob, Kalat and DG Khan 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:	Chowni Bridge Chitral=02, Shishi Darosh & Buner=Trace(each).
Jhelum:	Islampura=Trace.
Chenab:	-Nil-
Ravi:	-do-
Sutlej:	-do-
Others:	-do-

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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)	
INDUS	Isolated thunderstorm rain	Mainly dry (Rawalpindi Division)	TARBELA Current: 1545.16 Max. Conservation: 1550.00 Live Storage 95.18% MANGLA Current: 1227.50 Max Conservation: 1242.00 Live Storage 84.57%	
JHELUM	-do-	-do- (Sargodha Division)		
CHENAB	Mainly dry	-do- (Gujranwala Division)		
RAVI	-do-	Isolated thunderstorm rain (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	105.0	80-90	Below Low	832.0 (2010)	350.0
	Kalabagh	950	163.3	156.3	150-175	-do-	950.0 (1942)	401.7
	Chashma	950	156.8	149.6	No sig. change	-do-	1038.9 (2010)	432.7
	Taunsa	1100	140.7	114.2	-do-	-do-	960.0 (2010)	442.2
	Guddu	1200	134.9	106.0	-do-	-do-	1199.7 (1976)	431.3
	Sukkur	1500	104.0	61.0	-do-	-do-	1166.6 (1986)	401.1
	Kotri	875	115.1	92.8	-do-	-do-	980.3 (1956)	342.4
KABUL	Nowshera	-	26.2	26.2	-do-	-do-	391.3 (1990)	114.2
JHELUM	Mangla	1060	19.0	31.3	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	29.9	5.9	25-30	-do-	1100.0 (1957)	178.8
	Khanki	1100	9.9	3.6	No sig. change	-do-	1086.5 (1959)	177.1
	Qadirabad	807	23.5	8.5	-do-	-do-	948.5 (1992)	163.2
	Trimmu	645	22.3	8.3	-do-	-do-	944.0 (1928)	96.3
	Punjad	700	37.5	22.8	-do-	-do-	802.5 (1973)	72.3
RAVI	Jassar	275	3.4	3.4	-do-	-do-	680.0 (1955)	40.4
	Shahdara	250	13.3	13.3	-do-	-do-	576.0 (1988)	28.0
	Balloki	225	26.9	6.4	-do-	-do-	389.8 (1988)	56.3
	Sidhnai	150	21.6	6.2	-do-	-do-	330.2 (1988)	33.8
SUTLEJ	G.S. Wala	--	0.4	0.4	-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)

--sd/--
(Shahid Abbas)
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FFD Lahore

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BULLETIN No. C-094/24

Dated: 16th September, 2024
Time: 11:00 hours (PST)

**SUBJECT: WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS'
CATCHMENTS' (17th- September, 2024 to 23rd-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.