

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

**BULLETIN No. A-087/24**

**Dated: 09<sup>th</sup> September, 2024  
Time: 11:00 hours (PST)**

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| <ol style="list-style-type: none"><li>1. President Secretariat, Islamabad.</li><li>2. PM House, Islamabad.</li><li>3. Federal Minister for Water Resources, Islamabad.</li><li>4. Governor (All Provinces).</li><li>5. Chairman NDMA, Islamabad.</li><li>6. Chief Minister (All Provinces).</li><li>7. PM Secretariat, Islamabad.</li><li>8. Secretary, Aviation Division, Islamabad.</li><li>9. Secretary, Ministry for Water Resources, Islamabad.</li><li>10. Secretary, Ministry of Information, Islamabad.</li><li>11. Secretary, Climate change, Islamabad.</li><li>12. Chairman NHA, Islamabad.</li><li>13. Chief Secretary (All Provinces).</li></ol> | <ol style="list-style-type: none"><li>14. PDMA'S (DG's All Provinces &amp; AJK).</li><li>15. Chairman, Federal Flood Commission, Islamabad.</li><li>16. Chairman, Indus River System Authority, Islamabad.</li><li>17. Chairman, PCRWR, Islamabad.</li><li>18. The Secretary General, Red Crescent, Islamabad.</li><li>19. Secretary, Irrigation Department, (All Provinces).</li><li>20. D.G. Engineers, Eng. Directorate GHQ, Rawalpindi.</li><li>21. Pakistan Commissioner for Indus Waters (PCIW), Islamabad.</li><li>22. Chief Engineer, Mangla/Tarbela/Chashma.</li><li>23. Chief Engineer, Irrigation (All Provinces).</li><li>24. Chief Engineer, (All Barrages).</li><li>25. Chief Engineer, C.D.O. (Muzaffarabad).</li><li>26. All other concerned.</li></ol> |
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**SUBJECT: -RIVERS SITUATION AND QUALITATIVE FLOOD FORECAST:**

**I: HYDROLOGICAL SITUATION at 0600 PST:**

River Indus at Kotri is in **Low** flood level & falling while all the other major rivers are flowing in their normal state.

**II: METEOROLOGICAL FEATURES:**

- a) A fresh trough of a weak westerly wave lies over the northwest Afghanistan.
- b) Moist currents from the Arabian Sea and the Bay of Bengal are cut off.
- c) Yesterday's well-marked low pressure area over northwest Bay of Bengal and adjoining areas remained stationary, however it has intensified into Deep Depression.
- d) Seasonal Low lies over northwest Balochistan.

**III: WEATHER FORECAST FOR 24-HOURS:**

Isolated thunderstorm rain of light intensity is expected over the upper catchments of all the major rivers along with DG Khan Division.

**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: 09<sup>th</sup> 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	Mainly dry (Rawalpindi Division)	<b>TARBELA</b>	
JHELUM	-do-	-do- (Sargodha Division)	Current:	1550.00
CHENAB	-do-	-do- (Gujranwala Division)	Max. Conservation:	1550.00
RAVI	-do-	-do- (Lahore Division)	Live Storage	100.00%
SUTLEJ	-do-	-do- (Bahawalpur Division)	<b>MANGLA</b>	
			Current:	1228.00
			Max Conservation:	1242.00
			Live Storage	85.08%

**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	123.0	126.5	120-125	Below Low	832.0 (2010)	350.0
	Kalabagh	950	151.6	145.7	No sig. change	-do-	950.0 (1942)	401.7
	Chashma	950	187.8	163.1	-do-	-do-	1038.9 (2010)	432.7
	Taunsa	1100	157.0	131.7	-do-	-do-	960.0 (2010)	442.2
	Guddu	1200	208.0	177.4	190-200	-do-	1199.7 (1976)	431.3
	Sukkur	1500	172.7	131.1	No sig. change	Below Low	1166.6 (1986)	401.1
	Kotri	875	240.5	231.2	220-240	Low	980.3 (1956)	342.4
KABUL	Nowshera	-	30.2	30.2	No sig. change	Below Low	391.3 (1990)	114.2
JHELUM	Mangla	1060	28.0	8.0	25-30	-do-	1090.0 (1992)	176.0
	Rasul	850	3.9	0.0	No sig. change	-do-	952.2 (1992)	67.8
CHENAB	Marala	1100	36.8	7.7	30-40	-do-	1100.0 (1957)	178.8
	Khanki	1100	18.3	11.2	No sig. change	-do-	1086.5 (1959)	177.1
	Qadirabad	807	18.0	0.0	-do-	-do-	948.5 (1992)	163.2
	Trimmu	645	45.4	35.1	-do-	-do-	944.0 (1928)	96.3
	Punjinad	700	62.9	50.3	50-60	-do-	802.5 (1973)	72.3
RAVI	Jassar	275	4.7	4.7	No sig. change	-do-	680.0 (1955)	40.4
	Shahdara	250	17.0	17.0	-do-	-do-	576.0 (1988)	28.0
	Balloki	225	44.0	17.4	-do-	-do-	389.8 (1988)	56.3
	Sidhnai	150	26.3	11.5	-do-	-do-	330.2 (1988)	33.8
SUTLEJ	G.S. Wala	--	2.0	2.0	-do-	-do-	837.0 (1955)	19.7
	Sulemanki	325	18.4	6.1	-do-	-do-	598.9 (1955)	46.2
	Islam	300	6.7	4.7	-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-087/24

Dated: 09<sup>th</sup> September, 2024  
Time: 11:00 hours (PST)

**SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS' CATCHMENTS' (10<sup>th</sup>- September, 2024 to 16<sup>th</sup>-September, 2024)**

➤ **RAINFALL OUTLOOK:**

Scattered to Widespread thunderstorm rain is expected over the upper catchment of river Sutlej from 12<sup>th</sup> September. However no significant monsoon activity is expected over the upper catchment of other rivers.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

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

--sd/--  
**(Shahid Abbas)**  
Chief Meteorologist  
**FFD Lahore**

**Note:** This forecast is updated on daily basis.