

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

**BULLETIN No. A-093/24**

**Dated: 15<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**

All the major rivers are flowing below low flood level.

**II: METEOROLOGICAL FEATURES**

- a) Yesterday's trough of westerly wave over northern parts of the country has moved away eastwards.
- b) Yesterday's depression over west Bangladesh moved westward and today lies over West Bengal as Deep Depression.
- c) Light moist currents from the Arabian Sea are penetrating the lower half of the country up to 3000 feet.
- d) Seasonal low lies over northeast Balochistan.

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

Isolated thunderstorm rain of light intensity is expected over the upper catchments of rivers Kabul, Indus along with Peshawar, Kohat, Bannu, Zhob, Sibbi, Nasirabad, Lahore. and DG Khan divisions.

**IV: WEATHER OUTLOOK FOR NEXT 48-HOURS**

Mainly dry weather is expected over the most part of the country.

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

Indus: DG Khan (Airport)=16, Chitral=05, Daggar=04, Chowni Bridge Citral & Phulra=03(each), Drosh, Pattan, Kalam, Astore & Mardan=01(each), Peshawar [City=01, Airbase & Bacha Khan Airport=Trace(each)], Risalpur, Darashoot, Shishi Darosh, Mirkhani, Bagrote, Ghalanai, Gilgit & Islamabad (Zeropoint)=Trace(each).

Jhelum: Garhi Dopatta=Trace.

Chenab: -Nil-

Ravi: -do-

Sutlej: Kasur=04.

Others: -Nil-

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**(Shahid Abbas)  
Chief Meteorologist  
FFD Lahore**

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Dated: 15<sup>th</sup> September, 2024  
 Time: 11:00 hours (PST)

**I: WEATHER/RAINFALL FORECAST FOR NEXT 24-HRS**

RIVERS	Upper Catchments (Above Rim Stations)	Lower Catchments (Below Rim Stations)	<b>RESERVOIRS LEVEL</b> <b>(FEET) at (0600 PST)</b>
INDUS	Isolated thunderstorm rain	Mainly dry (Rawalpindi Division)	<b>TARBELA</b> Current: 1546.49 Max. Conservation: 1550.00 Live Storage 96.50% <b>MANGLA</b> Current: 1228.05 Max Conservation: 1242.00 Live Storage 85.12%
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	94.0	122.0	90-100	Below Low	832.0 (2010)	350.0
	Kalabagh	950	171.5	164.5	150-175	-do-	950.0 (1942)	401.7
	Chashma	950	160.2	150.1	No sig. change	-do-	1038.9 (2010)	432.7
	Taunsa	1100	136.0	109.5	-do-	-do-	960.0 (2010)	442.2
	Guddu	1200	139.1	113.3	-do-	-do-	1199.7 (1976)	431.3
	Sukkur	1500	110.0	66.7	-do-	-do-	1166.6 (1986)	401.1
	Kotri	875	149.0	132.3	-do-	-do-	980.3 (1956)	342.4
KABUL	Nowshera	-	29.0	29.0	-do-	-do-	391.3 (1990)	114.2
JHELUM	Mangla	1060	20.0	31.3	20-25	-do-	1090.0 (1992)	176.0
	Rasul	850	27.1	8.0	No sig. change	-do-	952.2 (1992)	67.8
CHENAB	Marala	1100	27.9	5.0	25-30	-do-	1100.0 (1957)	178.8
	Khanki	1100	9.2	3.6	No sig. change	-do-	1086.5 (1959)	177.1
	Qadirabad	807	21.8	9.8	-do-	-do-	948.5 (1992)	163.2
	Trimmu	645	20.3	6.3	-do-	-do-	944.0 (1928)	96.3
RAVI	Punjad	700	45.4	30.7	-do-	-do-	802.5 (1973)	72.3
	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	30.4	11.6	-do-	-do-	389.8 (1988)	56.3
SUTLEJ	Sidhnai	150	20.6	5.2	-do-	-do-	330.2 (1988)	33.8
	G.S. Wala	--	0.4	0.4	-do-	-do-	837.0 (1955)	19.7
	Sulemanki	325	11.5	1.0	-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)**  
 Chief Meteorologist  
 FFD Lahore

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PAKISTAN METEOROLOGICAL DEPARTMENT  
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46-JAIL ROAD LAHORE-54000

BULLETIN No. C-093/24

Dated: 15<sup>th</sup> September, 2024

Time: 11:00 hours (PST)

**SUBJECT: WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS'  
CATCHMENTS' (16<sup>th</sup>- September, 2024 to 22<sup>nd</sup>-September, 2024)**

➤ **RAINFALL OUTLOOK:**

Mainly dry weather is expected over the upper catchment of all major rivers.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

No 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.