

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

**BULLETIN No. A-097/24**

**Dated: 19<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 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-

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(Shahid Abbas)  
Chief Meteorologist  
FFD Lahore**

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**FLOOD FORECASTING DIVISION**  
**46-JAIL ROAD LAHORE-54000**

BULLETIN No. B-080/24

Dated: 02<sup>nd</sup> September, 2024  
 Time: 11:20 hours (PST)

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

RIVERS	Upper Catchments (Above Rim Stations)	Lower Catchments (Below Rim Stations)	<b>RESERVOIRS LEVEL (FEET) at (0600 PST)</b>	
INDUS	Scattered to widespread thunderstorm rain	Scattered to widespread thunderstorm rain (Rawalpindi Division)	<b>TARBELA</b> Current: 1550.00 Max. Conservation: 1550.00 Live Storage: 100.00%	
JHELUM	-do-	Scattered thunderstorm rain (Sargodha Division)	<b>MANGLA</b> Current: 1223.25 Max Conservation: 1242.00 Live Storage: 80.27%	
CHENAB	Scattered thunderstorm rain	-do- (Gujranwala Division)		
RAVI	-do-	-do- (Lahore Division)		
SUTLEJ	-do-	Isolated thunderstorm rain (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	168.0	155.8	200-250 (During 48 hours)	Low	832.0 (2010)	350.0
	Kalabagh	950	196.9	191.6	220-250	-do-	950.0 (1942)	401.7
	Chashma	950	250.1	226.4	250-270	-do-	1038.9 (2010)	432.7
	Taunsa	1100	212.2	190.2	200-230	Below Low	960.0 (2010)	442.2
	Guddu	1200	233.2	208.3	220-240	Low	1199.7 (1976)	431.3
	Sukkur	1500	191.9	170.7	200-220	-do-	1166.6 (1986)	401.1
	Kotri	875	339.8	335.6	330-340	Medium	980.3 (1956)	337.2
KABUL	Nowshera	-	31.7	31.7	60-100 (During 48 hours)	-do-	391.3 (1990)	114.2
JHELUM	Mangla	1060	50.0	8.0	80-120 Sharp peak of High flood	-do-	1090.0 (1992)	176.0
	Rasul	850	7.0	5.3	No Sig. change	Below Low	952.2 (1992)	67.8
CHENAB	Marala	1100	52.0	22.2	50-60	-do-	1100.0 (1957)	178.8
	Khanki	1100	44.0	37.4	No Sig. change	-do-	1086.5 (1959)	177.1
	Qadirabad	807	36.7	18.7	-do-	-do-	948.5 (1992)	163.2
	Trimmu	645	39.1	29.0	40-50	-do-	944.0 (1928)	96.3
	Punjnad	700	52.3	43.4	No Sig. change	-do-	802.5 (1973)	72.3
RAVI	Jassar	275	4.7	4.7	-do-	-do-	680.0 (1955)	40.4
	Shahdara	250	16.6	16.6	-do-	-do-	576.0 (1988)	28.0
	Balloki	225	46.5	20.8	-do-	-do-	389.8 (1988)	56.3
	Sidhnai	150	33.0	22.7	-do-	-do-	330.2 (1988)	32.8
SUTLEJ	G.S. Wala	--	0.4	0.4	-do-	-do-	837.0 (1955)	19.7
	Sulemanki	325	16.6	7.1	-do-	-do-	598.9 (1955)	46.2
	Islam	300	11.3	10.2	-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)

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

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46-JAIL ROAD LAHORE-54000

BULLETIN No. C-080/24

Dated: 02<sup>nd</sup> September, 2024  
Time: 11:20 hours (PST)

**SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS' CATCHMENTS' (03<sup>rd</sup> - September, 2024 to 09<sup>th</sup> -September, 2024)**

➤ **RAINFALL OUTLOOK:**

Scattered to widespread thunderstorm rain of moderate to HEAVY INTENSITY with isolated VERY HEAVY FALLS is expected over the upper catchments of rivers Kabul (including its tributaries), Indus and Jhelum. Scattered thunderstorm rain of moderate intensity with isolated HEAVY FALLS is expected over the upper catchments of rivers Chenab, Ravi and Sutlej up to 3<sup>rd</sup> September.

Monsoon activity is expected to subdue afterward.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

**During 48-hours:**

**High level** flows are expected in river Jhelum at Mangla upstream. Flows are likely to increase in river Kabul and its tributaries up to medium level, while in river Indus up to Low flood level. Flows may also rise in river Chenab along with nullahs of rivers Chenab and Ravi.

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

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