

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

**BULLETIN No. A-082/24**

**Dated: 04<sup>th</sup> September, 2024  
Time: 11:00 hours (PST)**

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).
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.

**SUBJECT: -RIVERS SITUATION AND QUALITATIVE FLOOD FORECAST:**

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

River Indus at Kotri is in **medium** flood level and at Guddu is in Low flood level. While all the other major rivers are flowing in their normal state.

**II: METEOROLOGICAL FEATURES:**

- a) Yesterday's trough of westerly wave over northern part of the country has moved away eastwards.
- b) Moderate moist currents are penetrating the eastern Sindh and adjoining south Punjab from Arabian sea and Bay of Bengal.
- c) Yesterday's well-marked Low has weakened into Low and today lies over southeast Rajasthan.
- d) Weak Seasonal Low lies over Balochistan.

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

Scattered thunderstorm rain of moderate intensity is expected over the upper catchments of rivers Chenab, Ravi and Sutlej along with DG Khan, Multan, Bahawalpur, Mirpur Khas, Sukkur and Kalat divisions. Isolated thunderstorm rain of light to moderate intensity is expected over the upper catchments of rivers Kabul, Indus and Jhelum along with Shaheed Benazirabad, Nasirabad, Sibbi, Gujranwala and Lahore division.

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

Monsoon is likely to be less active.

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

- Indus: Mithi=75, D.I.Khan (Airport=18 & City=Trace), Murree & Padidan=16(each), Chhor=13, Barkhan=10, Mianwali (Airbase) & Badin=09(each), Oghi=07, Chilas=04, Larkana & Shinkari=03(each), DG Khan [Airport=02, Vehova & Fort Munro=Trace (each)], Mirpur Khas=02, Tanda Dam, Gilgit, Bunji, Bhandu Wala & Shaheed Benazirabad=01(each), Hyderabad (Airport=01 & City=Trace), Bagrote, Skardu, Khanpur, Sakrand & Bannu=Trace(each).
- Jhelum: Kotli=20, Joharabad=01, Sargodha (Airbase & City)=01(each), Panjera & Deolian=Trace(each).
- Chenab: Jhang=15, Kot Addu=02, Multan (City)=01, Shorkot (Airbase) & Noorpur Thal=Trace(each).
- Ravi: Lahore [Township=22, Luckshami=21, Taj Pura=17, Gulshan e Ravi & Samanabad=16(each), Qurtba chowk=15, Upper Mall=12, City=11, Shahi Qilla=07, Misri Shah=03, Airport=02, Gulburg=01, Shahdara, Iqbal Town & Mughal Pura=Trace(each)], Khanewal=12, Okara=09, T.T. Singh=Trace.
- Sutlej: Bahawalnagar=21, Kasur=02, Bahawalpur (Airport & City)=Trace(each).
- Others: Loralai=07, Khuzdar=01.

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

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Dated: 04<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 (FEET) at (0600 PST)</b>	
INDUS	Isolated thunderstorm rain	Mainly dry (Rawalpindi Division)	<b>TARBELA</b>	
JHELUM	-do-	-do- (Sargodha Division)	Current:	1550.00
CHENAB	Scattered thunderstorm rain	Isolated thunderstorm rain (Gujranwala Division)	Max. Conservation:	1550.00
RAVI	-do-	-do- (Lahore Division)	Live Storage	100.00%
SUTLEJ	-do-	Scattered thunderstorm rain (Bahawalpur Division)	<b>MANGLA</b>	
			Current:	1224.85
			Max Conservation:	1242.00
			Live Storage	81.89%

**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	195.7	160-170	Below Low	832.0 (2010)	350.0
	Kalabagh	950	200.1	195.0	No Sig. change	-do-	950.0 (1942)	401.7
	Chashma	950	258.2	234.5	240-260	Low	1038.9 (2010)	432.7
	Taunsa	1100	202.9	179.4	190-210	Below Low	960.0 (2010)	442.2
	Guddu	1200	231.0	204.6	220-240	Low	1199.7 (1976)	431.3
	Sukkur	1500	196.1	167.1	No Sig. change	Below Low	1166.6 (1986)	401.1
	Kotri	875	342.4	335.6	340-345	Medium	980.3 (1956)	342.4
KABUL	Nowshera	-	33.1	33.1	30-35	Below Low	391.3 (1990)	114.2
JHELUM	Mangla	1060	30.0	8.0	25-35	-do-	1090.0 (1992)	176.0
	Rasul	850	7.4	5.3	No Sig. change	-do-	952.2 (1992)	67.8
CHENAB	Marala	1100	73.4	43.6	60-70	-do-	1100.0 (1957)	178.8
	Khanki	1100	55.1	48.2	No Sig. change	-do-	1086.5 (1959)	177.1
	Qadirabad	807	54.3	36.3	-do-	-do-	948.5 (1992)	163.2
	Trimmu	645	88.1	78.1	70-90	-do-	944.0 (1928)	96.3
	Punjad	700	54.6	45.0	No Sig. change	-do-	802.5 (1973)	72.3
RAVI	Jassar	275	3.1	3.1	-do-	-do-	680.0 (1955)	40.4
	Shahdara	250	16.6	16.6	-do-	-do-	576.0 (1988)	28.0
	Balloki	225	44.5	18.5	-do-	-do-	389.8 (1988)	56.3
	Sidhnai	150	30.3	18.8	-do-	-do-	330.2 (1988)	33.8
SUTLEJ	G.S. Wala	--	0.4	0.4	-do-	-do-	837.0 (1955)	19.7
	Sulemanki	325	16.0	7.7	-do-	-do-	598.9 (1955)	46.2
	Islam	300	9.9	8.3	-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)

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

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BULLETIN No. C-082/24

Dated: 04<sup>th</sup> September, 2024  
Time: 11:00 hours (PST)

**SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS' CATCHMENTS' (05<sup>th</sup>- September, 2024 to 11<sup>th</sup>-September, 2024)**

➤ **RAINFALL OUTLOOK:**

Monsoon is likely to be less active.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

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

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

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