

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

**BULLETIN No. A-059/24**

**Dated: 12<sup>th</sup> August, 2024  
Time: 11:20 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 (D.G'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 Taunsa and Guddu is in **Medium** flood level while river Indus at Tarbela, Kalabagh, Chashma, Sukkur and river Kabul at Nowshera are in 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 upper air cyclonic circulation over south Uttar Pradesh today lies over north Madhya Pradesh.
- c) Light to Moderate moist currents are penetrating most parts of the country from Arabian Sea and Bay of Bengal up to 3000 feet.
- d) Seasonal Low lies over north Balochistan.

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

Isolated thunderstorm rain of moderate intensity is expected over the upper catchments of all the major rivers along with Islamabad, Peshawar, Kohat, Bannu, DI Khan, Rawalpindi, Sargodha, Gujranwala, Lahore, Bahawalpur, DG Khan, Zhob, Sibbi, Nasirabad, and Kalat divisions.

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

Subdued rainfall activity is likely to continue.

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

Indus:	Risalpur=46, Islamabad (Saidpur=20, Zeropoint=04, PMD HQ =03, Shamsabad=02, New Airport=01 & Chaklala Airbase=Trace), Malam Jabba=19, Besham=12, Kakul=09, D.G Khan (Vehova) & Layyah(Karor)=07, Mianwali (Airbase) & Kabul (Nowshera)=06(each), Cherat, Barkhan & Mardan=04(each), Takht Bai & Attock=02(each), Peshawar [Airbase & Bacha Khan Airport=01(each) & City=Trace], Buner, Thatta & Kalpani (Rasheed abad)=01(each), Kamra (Airbase) & Chhor=Trace(each).
Jhelum:	Kallar=30, Sargodha (Airbase=20 & City=12), Mangla=17, Jhelum=10, Baba Shah Jalal=02, Panjera, Bandi Abbaspur, Chattar Kallas, Chakothe & Tandali=Trace(each).
Chenab:	Jhang=81, Noorpur Thal=18, Marala=01, Sialkot (Cantt, Airport), Gujranwala & Shorkot (Airbase)=Trace(each).
Ravi:	Lahore [Jail Road=09, Luckshami, Airport & Township=03(each), Shahdara, Qurtba chowk, Gulshan e Ravi, Iqbal Town & Gulburg=Trace(each)], Narowal=04,
Sutlej:	Kasur=13 & Bahawalnagar=02.
Others:	Karachi [ Korangi=07, University Road & Saddar=04(each), Kemari & Airport=03(each), Nazimabad, Masroor & Gulshan e Hadeed=02(each), Jinnah Terminal, Faisal Base & Quaidabad=01(each), Orangi Town, Saadi Town, Surjani Town, Gulshan e Maymar, North Karachi, DHA & Bin Qasim=Trace(each)].

**--sd/--**

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

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**46-JAIL ROAD LAHORE-54000**

BULLETIN No. B-059/24

Dated: - 12<sup>th</sup> August, 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	Isolated thunderstorm rain	Isolated thunderstorm rain (Rawalpindi Division)	<b>TARBELA</b>	
JHELUM	-do-	-do- (Sargodha Division)	Current:	1545.00
CHENAB	-do-	-do- (Gujranwala Division)	Max. Conservation:	1550.00
RAVI	-do-	-do- (Lahore Division)	Live Storage	95.0%
SUTLEJ	-do-	-do- (Bahawalpur Division)	<b>MANGLA</b>	
			Current:	1210.20
			Max Conservation:	1242.00
			Live Storage	67.5%

**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	288.0	253.6	270-290	Low	832.0 (2010)	350.0
	Kalabagh	950	331.6	323.6	310-340	-do-	950.0 (1942)	401.7
	Chashma	950	290.1	270.6	290-330	-do-	1038.9 (2010)	432.7
	Taunsa	1100	409.1	401.6	410 F 320	Medium to Low	960.0 (2010)	442.2
	Guddu	1200	426.2	401.2	425-430	Medium	1199.7 (1976)	426.2
	Sukkur	1500	381.1	338.7	380-390	-do-	1166.6 (1986)	381.1
	Kotri	875	174.9	134.7	175-190	Below Low	980.3 (1956)	174.9
KABUL	Nowshera	-	64.9	64.9	60-70	Low	391.3 (1990)	114.2
JHELUM	Mangla	1060	38.0	10.0	30-60	Below Low	1090.0 (1992)	114.6
	Rasul	850	8.3	5.3	No Sig. change	-do-	952.2 (1992)	66.1
CHENAB	Marala	1100	90.8	73.6	70-90	-do-	1100.0 (1957)	136.5
	Khanki	1100	102.4	94.3	70-95	-do-	1086.5 (1959)	102.4
	Qadirabad	807	83.9	65.9	70-95	-do-	948.5 (1992)	93.1
	Trimmu	645	78.0	62.6	No Sig. change	-do-	944.0 (1928)	78.8
	Punjad	700	42.8	30.8	-do-	-do-	802.5 (1973)	48.8
RAVI	Jassar	275	33.9	33.9	15-35	-do-	680.0 (1955)	33.9
	Shahdara	250	11.2	11.2	15-35	-do-	576.0 (1988)	24.8
	Balloki	225	39.8	11.1	40-45	Low	389.8 (1988)	51.7
	Sidhnai	150	27.0	12.1	No Sig. change	Below Low	330.2 (1988)	32.3
SUTLEJ	G.S. Wala	--	3.6	3.6	-do-	-do-	837.0 (1955)	10.5
	Sulemanki	325	18.7	5.7	-do-	-do-	598.9 (1955)	46.2
	Islam	300	6.4	4.3	-do-	-do-	492.6 (1955)	10.6

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-059/24

Dated: 12<sup>th</sup> August, 2024  
Time: 11:20 hours (PST)

**SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR**  
**RIVERS' CATCHMENTS' (13<sup>th</sup>-August, 2024 to 19<sup>th</sup>-August, 2024)**

➤ **RAINFALL OUTLOOK:**

Monsoon activity of **MODERATE to HEAVY** intensity with Isolated **VERY HEAVY FALLS** is expected over the upper catchment of all the major rivers along with north northeast Punjab during 15<sup>th</sup> to 17<sup>th</sup> August.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

Flows may rise in the all the major rivers along with the Nullahs in the catchments of Ravi and Chenab from 15<sup>th</sup> to 17<sup>th</sup> August.

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

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