

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

BULLETIN No. A-053/24

**Dated: 06th 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 Chashma and Taunsa is in Medium flood level while river Indus at Tarbela, Kalabagh and Guddu and river Kabul at Nowshera are in Low flood level.

ALERT: MEDIUM TO HIGH level flow is expected in river **Chenab** along with **nullahs** of **Ravi** and **Chenab** and flows in **Sutlej** will subject to releases from India during 48 hours.

II: METEOROLOGICAL FEATURES:

- a) Trough of **Westerly Wave** persists over northern parts of the country.
- b) Yesterday's **well-marked Low** over north Madhya Pradesh today lies over northwest Rajasthan and adjoining Pakistan.
- c) Moderate moist currents are penetrating the central and upper parts of the country from the Arabian Sea and Bay of Bengal up to 5000 feet.
- d) Seasonal Low lies over northwest Balochistan.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Scattered thunderstorm rain of moderate intensity is expected over the upper catchments of rivers Jhelum, Indus and Kabul along with Khyber Pakhtunkhwa, Islamabad, eastern Sindh and Rawalpindi Division. Isolated thunderstorm rainfall of moderate intensity is expected over Balochistan, Multan, DG Khan, Faisalabad, Sargodha and Sahiwal Divisions.

ALERT: Scattered to widespread thunderstorm rain of moderate intensity with isolated **HEAVY to VERY HEAVY FALLS** is expected over the upper catchments of Rivers Sutlej, Ravi and Chenab along with Gujranwala, Lahore and Bahawalpur Divisions.

IV: WEATHER OUTLOOK DURING NEXT 48-HOURS:

Wet spell is likely to continue.

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

Indus: Cherat=64, Bosak Bidge, Murree & Rahim Yar Khan=18(each), Kakul=15, Khairpur=07, Khanpur & Tando Jam=03(each), Chhor & Mardan=02(each), Hyderabad, Lower Dir, Padidan & Sukkur=01(each), Dadu, Jacobabad, Larkana, Moin-Jo-Daro & Sakrand=Trace(each).

Jhelum: Panjera=19, Chakwal & Joharabad=13(each), Kotli & Garhi Dopatta=04(each), Bandi Abbaspur=03, Tandali=01, Mandibahauddin, Mangla, Dhulli, Chakothi & Deolian=Trace(each).

Chenab: Shorkot (Airbase)=28, Gujrat=08, Barnala=02, Noorpur Thal=Trace.

Ravi: Okara=03, Khanewal=Trace,

Sutlej: Bahawalpur (Airport=05 & City=01).

Others: Panjgur=19, Pishin=11, Jiwani=05, Pasni & Lasbela=04(each), Karachi Airport=02, Muslim Bagh, Khuzdar, Quetta (Samungli) & Ormara=Trace(each).

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

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46-JAIL ROAD LAHORE-54000

BULLETIN No. B-053/24

Dated: - 06th 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)	RESERVOIRS LEVEL (FEET) at (0600 PST)	
INDUS	Scattered thunderstorm rain	Scattered thunderstorm rain (Rawalpindi Division)	TARBELA	
JHELUM	-do-	Isolated thunderstorm rain (Sargodha Division)	Current:	1537.00
CHENAB	Scattered to widespread thunderstorm rain	Scattered to widespread thunderstorm rain (Gujranwala Division)	Max. Conservation:	1550.00
RAVI	-do-	-do- (Lahore Division)	Live Storage	87.1%
SUTLEJ	-do-	-do- (Bahawalpur Division)	MANGLA	
			Current:	1206.10
			Max Conservation:	1242.00
			Live Storage	63.8%

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	323.0	281.7	300-320	Low	832.0 (2010)	348.0
	Kalabagh	950	381.8	373.8	360-400	Medium	950.0 (1942)	381.8
	Chashma	950	406.8	389.6	400-420	-do-	1038.9 (2010)	426.3
	Taunsa	1100	411.3	411.3	400-420	-do-	960.0 (2010)	411.3
	Guddu	1200	258.7	255.5	260 R 350	Low	1199.7 (1976)	258.7
	Sukkur	1500	201.4	185.2	210-230	-do-	1166.6 (1986)	201.4
	Kotri	875	90.1	54.6	90-120	Below Low	980.3 (1956)	90.1
KABUL	Nowshera	-	87.4	87.4	70-85	Low	391.3 (1990)	114.2
JHELUM	Mangla	1060	29.0	10.0	30-60	Below Low	1090.0 (1992)	114.6
	Rasul	850	2.9	0.0	No Sig. change	-do-	952.2 (1992)	66.1
CHENAB	Marala	1100	82.4	54.7	100 R 160	Low to Medium	1100.0 (1957)	106.3
	Khanki	1100	64.3	56.3	70 R 130	Low	1086.5 (1959)	95.1
	Qadirabad	807	63.2	45.2	No Sig. change	Below Low	948.5 (1992)	93.1
	Trimmu	645	78.8	63.2	-do-	-do-	944.0 (1928)	78.8
	Punjad	700	37.9	26.5	-do-	-do-	802.5 (1973)	37.9
RAVI	Jassar	275	3.9	3.9	5-10	-do-	680.0 (1955)	26.8
	Shahdara	250	17.0	17.0	No Sig. change	-do-	576.0 (1988)	24.8
	Balloki	225	49.4	20.9	45-50	Low	389.8 (1988)	51.7
	Sidhnai	150	32.1	17.8	No Sig. change	Below Low	330.2 (1988)	32.1
SUTLEJ	G.S. Wala	--	2.0	2.0	-do-	-do-	837.0 (1955)	10.5
	Sulemanki	325	20.4	8.0	-do-	-do-	598.9 (1955)	46.2
	Islam	300	7.0	5.0	-do-	-do-	492.6 (1955)	8.6

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)

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(Shahid Abbas)
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 FFD Lahore

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BULLETIN No. C-053/24

Dated: 06th August, 2024
Time: 11:20 hours (PST)

SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR
RIVERS' CATCHMENTS' (07th-August, 2024 to 13th-August, 2024)

➤ **RAINFALL OUTLOOK:**

MODERATE TO HEAVY RAINFALL with isolated **VERY HEAVY FALL** is expected over the upper catchments of all the Major rivers.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

MEDIUM TO HIGH level flow is expected in river Chenab along with nullahs of Ravi and Chenab. Flow in Sutlej will subject to releases from India.

Note: This forecast is updated on daily basis.

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(Shahid Abbas)
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