

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

BULLETIN No. A-052/24

**Dated: - 05th August, 2024
Time: - 11:20 hours (PST)**

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|---|---|
| 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. |
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SUBJECT: -RIVERS SITUATION AND QUALITATIVE FLOOD FORECAST:

I: HYDROLOGICAL SITUATION at 0600 PST:

River Indus at Chashma, Taunsa and river Kabul at Nowshera are in Medium flood level while river Indus at Tarbela, Kalabagh and Guddu are in Low flood level.

II: METEOROLOGICAL FEATURES:

- a) Trough of **Westerly Wave** today lies over northern parts of the country.
- b) Yesterday's low-pressure area over Khairpur has weakened, and its remnants lie over the Makran Coast and the adjoining Arabian Sea.
- c) Yesterday's deep depression weakened into a **well-marked low** lying over north Madhya Pradesh. Under the effect of the eastward movement of a westerly wave, it is likely to recurve northeastwards.
- d) Light to Moderate moist currents are penetrating the southern parts of the country from the Arabian Sea and the Bay of Bengal up to 5,000 feet, while in the upper parts of the country from the Bay of Bengal up to 5,000 feet.
- e) Seasonal Low lies over northwest Balochistan.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Scattered thunderstorm rain of moderate intensity with isolated HEAVY FALLS is expected over the upper catchments of all major rivers along with Khyber-Pakhtunkhwa & Islamabad and Punjab (except Bahawalpur Division). **Scattered to widespread thunderstorm rain of moderate intensity with isolated heavy fall and one or two very heavy falls is expected over east Sindh, Makran Coast and Bahawalpur Division.**

IV: WEATHER OUTLOOK DURING NEXT 48-HOURS:

No significant change.

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

Indus:	Mirpur Khas=62, Dadu=60, Lower Dir=56, Tando Jam=37, Murree=35, Kakul & Bhakkar=31(each), DG Khan [Vehova=26, Airport=04, Zain Sanghar=Trace], Bosak Bidge, Sakrand & Skardu=25(each), Peshawar (City=19 & Bacha Khan Airport=Trace), D.I.Khan (Airport=18 & City=09), Hyderabad (Airport=18 & City=08), Warsak Dam=18, Shaheed Benazirabad & Padidan=14(each), Khanpur=10, Saidu Sharif=09, Cherat, Pashat-Bajaur, Khaar-Bajaur, Daggar & Mianwali (Airbase)=08(each), Bannu=07, Khairpur, Malam Jabba & Chhor=06(each), Bagrote, Jacobabad, Bhandu Wala, Besham & Barkhan=05(each), Larkana, Moin-Jo-Daro, Landi Kotal=04(each), Dir, & Kabul=03(each), Islamabad (Golra)=02, Khawagoobo Bridge, Sukkur, Pattan, Mardan & Buner=02(each), Rohri, Ogghi, Layyah, Kalpani, Kamra (Airbase), Kurrum Garhi, Thatta & Astore=01(each), Risalpur, Kohat Airbase, Gilgit & Bunji=Trace(each).
Jhelum:	Mandibahauddin=10, Tandali=06, Jhelum & Mangla=04(each), Palandri=03, Panjera=01, Dhulli & Hajira=Trace(each).
Chenab:	Gujrat=79, Sialkot (Cantt=47 & Airport=38), Kot Addu=41, Noorpur Thal=26, Marala=04, Shorkot (Airbase)=03, Multan (City=02, Airport=01), Gujranwala=02, Barnala & Jhang=01(each), Hafizabad=Trace.
Ravi:	Faisalabad [Gulistan Colony=142, Gulam Muhammadd Abad=141, Madina Town=115, Dogar Basti =102, Allama Iqbal Colony=83, City=07], Narowal=101, Sheikhpura=65, T.T. Singh=02, Lahore (City & Airport=) & Sahiwal=Trace(each).
Sutlej:	-Nil-
Others:	Karachi [Nazimabad=77, Surjani Town=72, Quaidabad=61, Malir Halt=54, Airport=49, Jinnah Terminal & Orange Town=42(each), University Road=40, Faisal Base=37, Gulshan e Hadeed=35, North Karachi=34, Ibrahim Hyderi=13, Gulshan e Maymar=12, Gadap Town=11, Kemari=07, Masroor=05, Korangi=04, Saddar & DHA=02(each)], Sibbi=41, Muslim Bagh=33, Lasbela=25, Chaman=08, Khuzdar=07, Kalat=01, Quetta (Samungli & Sheaiikh Manda) & Dalbandin=Trace(each).

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

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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) TARBELA Current: 1536.00 Max. Conservation: 1550.00 Live Storage 86.2% MANGLA Current: 1205.55 Max Conservation: 1242.00 Live Storage 63.3%
INDUS	Scattered thunderstorm rain	Scattered thunderstorm rain (Rawalpindi Division)	
JHELUM	-do-	-do- (Sargodha Division)	
CHENAB	-do-	-do- (Gujranwala Division)	
RAVI	-do-	-do- (Lahore Division)	
SUTLEJ	-do-	Scattered to Widespread 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	336.0	324.5	320-335	Low	832.0 (2010)	348.0
	Kalabagh	950	369.2	361.3	380-410	Medium	950.0 (1942)	378.3
	Chashma	950	418.6	404.1	400-420	-do-	1038.9 (2010)	426.3
	Taunsa	1100	398.2	398.2	400-420	-do-	960.0 (2010)	398.2
	Guddu	1200	219.1	219.1	220-250	Low	1199.7 (1976)	219.1
	Sukkur	1500	186.3	170.5	190-210	-do-	1166.6 (1986)	186.3
	Kotri	875	79.0	46.3	No Sig. change	Below Low	980.3 (1956)	84.7
KABUL	Nowshera	-	114.2	114.2	90-110	Medium	391.3 (1990)	114.2
JHELUM	Mangla	1060	30.0	10.0	30-50	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	76.7	49.3	70-80	-do-	1100.0 (1957)	106.3
	Khanki	1100	73.4	65.6	No Sig. change	-do-	1086.5 (1959)	95.1
	Qadirabad	807	63.2	45.2	-do-	-do-	948.5 (1992)	93.1
	Trimmu	645	57.6	42.1	-do-	-do-	944.0 (1928)	57.6
	Punjinad	700	34.1	26.5	-do-	-do-	802.5 (1973)	35.2
RAVI	Jassar	275	4.7	4.7	5-10	-do-	680.0 (1955)	26.8
	Shahdara	250	17.8	17.8	No Sig. change	-do-	576.0 (1988)	24.8
	Balloki	225	51.7	23.2	50-55	Low	389.8 (1988)	51.7
	Sidhnai	150	27.8	13.6	No Sig. change	Below Low	330.2 (1988)	27.8
SUTLEJ	G.S. Wala	--	1.0	1.0	-do-	-do-	837.0 (1955)	10.5
	Sulemanki	325	24.9	12.6	-do-	-do-	598.9 (1955)	46.2
	Islam	300	4.9	3.6	-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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BULLETIN No. C-052/24

Dated: 05th August, 2024
Time: 11:20 hours (PST)

SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR
RIVERS' CATCHMENTS' (06th-August, 2024 to 12th-August, 2024)

➤ **RAINFALL OUTLOOK:**

Moderate monsoon activity is likely to continue over the upper catchments of all the Major rivers.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

No high flood situation is expected.

Note: This forecast is updated on daily basis.

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(Shahid Abbas)
Chief Meteorologist
FFD Lahore