

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

BULLETIN No. A-042/24

**Dated: - 26th July, 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:

All the major river are flowing below low flood level.

II: METEOROLOGICAL FEATURES:

- a) Yesterday's trough of westerly wave over Kashmir and adjoining areas has moved away north-eastwards. A fresh trough of **strong westerly** wave lies over North Iran.
- b) A fresh **Monsoon Low** has developed over north Bay of Bengal.
- c) Moderate moist current is penetrating over upper parts of the country from Arabian sea up to 3000 feet, while moisture from Bay Bengal is temporarily cut-off due to monsoon Low over Bay of Bengal. However, it is likely to revive after 24 hours due to the westward movement of Monsoon Low.
- d) Weak seasonal low lies over northeast Balochistan.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Mainly dry weather is expected over the most parts of the country. However, Isolated wind-thunderstorm/rain of light to moderate intensity is expected over the upper catchments of all the major rivers along with Islamabad & Rawalpindi, Sargodha, Gujranwala, Lahore, Multan, DG Khan, Bahawalpur, Peshawar, Kohat, Bannu, Sibbi and Nasirabad Divisions.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

Monsoon activity is likely to increase.

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

Indus:	Islamabad [Chaklala (Airbase)=60, Katcheri (Chaklala)=27, Bokra & New Airport=19(each), Golra=11, PMD Headquarters=07, Shamsabad=04, Saidpur=01], Murree=15, Besham=10, Tarbela=03, Oghi=02, DG Khan (Zain Sanghar), Buner, Dratian, Bhakkar & Lower Dir=01(each), Attock & Kalam=Trace(each).
Jhelum:	Mandibahauddin=67, Mangla=41, Jhelum=17, Panjera=12, Kallar=10, Bandi Abbaspur=08, Balakot=07, Rawalakot=06, Muzaffarabad (City)=04, Domel, Kotli, Baba Shah Jalal & Dhulli=03(each), Hajira=01, Chakwal=Trace.
Chenab:	Gujrat=60, Sialkot (Airport=23 & Cantt=18), Barnala=09, Marala=07, Gujranwala=03, Hafizabad=01.
Ravi:	Lahore [Luckshami=95, Qurtba chock=90, Shahi Qilla=89, Gulshan e Ravi=78, Iqbal Town=74, Mughal Pura=68, Airport=66, Gulburg=65, Township=64, City=63, Misri Shah=61, Shahdara & Samanabad=56(each), Upper Mall=50, Taj Pura=45, Johar Town=32], Sheikhpura=13, Narowal=01.
Sutlej:	Kasur=20.
Others:	Zhob, Khuzdar & Karachi (Airport)=Trace.

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

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Dated: - 26th July, 2024
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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)	
INDUS	Isolated thunderstorm/rain	Isolated thunderstorm/rain (Rawalpindi Division)	TARBELA	
JHELUM	-do-	-do- (Sargodha Division)	Current:	1516.68
CHENAB	-do-	-do- (Gujranwala Division)	Max. Conservation:	1550.00
RAVI	-do-	-do- (Lahore Division)	Live Storage	68.7%
SUTLEJ	-do-	-do- (Bahawalpur Division)	MANGLA	
			Current:	1198.80
			Max Conservation:	1242.00
			Live Storage	57.4%

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	218.0	211.9	220-230	Below Low	832.0 (2010)	296.0
	Kalabagh	950	235.3	227.3	250-280	Low	950.0 (1942)	254.8
	Chashma	950	250.2	234.9	240-270	Low	1038.9 (2010)	273.4
	Taunsa	1100	225.1	198.8	No Sig. change	Below Low	960.0 (2010)	226.9
	Guddu	1200	177.0	137.5	-do-	do-	1199.7 (1976)	192.9
	Sukkur	1500	130.4	77.6	-do-	do-	1166.6 (1986)	140.3
	Kotri	875	71.7	30.1	-do-	do-	980.3 (1956)	84.7
KABUL	Nowshera	-	55.7	55.7	50-60	-do-	391.3 (1990)	96.6
JHELUM	Mangla	1060	25.0	12.0	20-40	-do-	1090.0 (1992)	114.6
	Rasul	850	7.1	0.0	No Sig. change	-do-	952.2 (1992)	66.1
CHENAB	Marala	1100	66.0	38.3	60-80	-do-	1100.0 (1957)	98.9
	Khanki	1100	46.2	38.3	No Sig. change	-do-	1086.5 (1959)	95.1
	Qadirabad	807	34.5	15.0	-do-	do-	948.5 (1992)	93.1
	Trimmu	645	27.2	10.3	-do-	do-	944.0 (1928)	46.5
	Punjad	700	13.9	0.0	-do-	do-	802.5 (1973)	35.2
RAVI	Jassar	275	8.8	8.8	-do-	do-	680.0 (1955)	26.8
	Shahdara	250	17.8	17.8	-do-	do-	576.0 (1988)	24.8
	Balloki	225	48.3	19.2	-do-	do-	389.8 (1988)	48.3
	Sidhnai	150	19.8	4.0	-do-	do-	330.2 (1988)	21.5
SUTLEJ	G.S. Wala	--	0.4	0.4	-do-	do-	837.0 (1955)	5.4
	Sulemanki	325	17.3	4.1	-do-	do-	598.9 (1955)	46.2
	Islam	300	2.9	0.8	-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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BULLETIN No. C-042/24

Dated: 26th July, 2024
Time: 11:20 hours (PST)

SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS' CATCHMENTS' (27th-July, 2024 to 02nd-August,2024)

➤ **RAINFALL OUTLOOK:**

Moderate to Heavy rainfall with isolated Very Heavy falls is expected over the upper catchments of all major rivers starting from July 28th.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

From July 29th, flows up to medium-level flood are expected in the Jhelum River upstream and the Chenab River, along with the nullahs of the Ravi and Chenab Rivers. Low to medium-level flows are also expected in the hill torrents of DG Khan and the nullahs in north & northeast Balochistan.

Note: This forecast is updated on daily basis.

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(Shahid Abbas)
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