

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

BULLETIN No. A-026/24

**Dated: - 10th July, 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 (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 Kabul at Nowshera is in Low flood level whereas all the other major rivers are flowing below low flood level.

II: METEOROLOGICAL FEATURES:

- a. Yesterday's trough of westerly wave over northern parts of country today lies over Kashmir and adjoining areas and is likely to move away during next 24-hours. Another fresh trough of westerly wave lies over northwestern parts of Afghanistan.
- b. The wind pattern over Southwest Asia and surrounding areas shows moderate moisture incursion from the Arabian Sea, with directional convergence over the upper part of the country up to 3000 feet. The moisture influx from the Arabian Sea is likely to strengthen during the next 24 hours, while moisture incursion from the Bay of Bengal is likely to remain cut off.
- c. Weak seasonal low is located over northeast Balochistan and adjoining areas.
- d. Monsoon trough has started to restore and today its axis lies from seasonal low to Bay of Bengal.
- e. No cyclogenesis activity is expected over Bay of Bengal and Arabian sea during next few days.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Scattered thunderstorms of moderate intensity are expected over the upper catchments of the Indus and Jhelum rivers, with some isolated light rainfall in the Chenab, Ravi and Sutlej. Scattered thunderstorm of moderate intensity is expected over Kyber Pakhtunkhwa, Islamabad, Rawalpindi, Sargodha and Gujranwala, Divisions. Isolated thunderstorms of light intensity are expected over south and southeast Sindh along with Lahore, Multan and DG Khan, Zhob, Kalat Division.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

Monsoon activity is likely to resurge and scattered thunderstorm rain of moderate intensity with isolated Heavy fall is expected over the upper catchment of all the major rivers along with Khyber Pakhtunkhwa, north and northeast Punjab and DG Khan Division.

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

- Indus: Malam Jabba=56, Dir=12, Kakul=11, Tando Jam=09, Khawagoobo Bridge=08, Raisalpur & Khaar-Bajaur=07(each), Murree=06, Mithi=05, Buner & Saidu Sharif=04(each), Lower Dir=03, Warsak Dam=02, Takht Bai, Thatta & Chhor=01(each), Peshawar (Airbase & Bacha Khan Airport), Hyderabad & Badin=Trace(each).
- Jhelum: Dhulli=03, Panjera=02, Muzaffarabad (Airport & City), Rawalakot, Hajira, Chattar Kallas, Sara-e-Alamgir & Balakot=01(each), Tandali=Trace.
- Chenab: -Nil-
- Ravi: -do-
- Sutlej: -do-
- Others: Karachi [Surjani Town=59, Airport=38, Orange Town=30, Gulshan-e-Hadeed=26, University Road=20, Faisal Base =16, Saadi Town=19, Quaidabad=12, North Karachi=09, Kemari & Gulshan-e-Maymar=08(each), Korangi=07, Nazimabad=04, Malir Halt & Masroor=03(each), Ibrahim Hyderi=02 & DHA=01], Diplo=24, Islam Kot=05, Ormara=Trace.

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**(Shahid Abbas)
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FFD Lahore**

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Dated: - 10th July, 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)	RESERVOIRS LEVEL (FEET) at (0600 PST)
INDUS	Scattered thunderstorm/rain	Scattered thunderstorm/rain (Rawalpindi Division)	TARBELA Current: 1518.52 Max. Conservation: 1550.00 MANGLA Current: 1193.00 Max Conservation: 1242.00
JHELUM	-do-	-do- (Sargodha Division)	
CHENAB	Isolated thunderstorm/rain	-do- (Gujranwala Division)	
RAVI	-do-	Isolated thunderstorm/rain (Lahore Division)	
SUTLEJ	-do-	Mainly dry (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	167.0	155.0	160-180	Below Low	832.0 (2010)	296.0
	Kalabagh	950	196.9	188.9	200-220	-do-	950.0 (1942)	234.2
	Chashma	950	216.6	211.1	No Sig. change	-do-	1038.9 (2010)	254.4
	Taunsa	1100	208.9	180.1	-do-	-do-	960.0 (2010)	218.4
	Guddu	1200	172.7	131.2	-do-	-do-	1199.7 (1976)	176.6
	Sukkur	1500	122.0	70.0	-do-	-do-	1166.6 (1986)	135.5
	Kotri	875	30.7	2.3	-do-	-do-	980.3 (1956)	82.5
KABUL	Nowshera	-	69.6	69.6	55-75	Low	391.3 (1990)	96.6
JHELUM	Mangla	1060	30.0	26.7	30-60	Below Low	1090.0 (1992)	114.6
	Rasul	850	19.9	8.0	No Sig. change	-do-	952.2 (1992)	66.1
CHENAB	Marala	1100	70.2	38.3	70-100	Low	1100.0 (1957)	98.9
	Khanki	1100	24.8	16.8	40-70	Below Low	1086.5 (1959)	95.1
	Qadirabad	807	25.7	9.7	25-50	-do-	948.5 (1992)	93.1
	Trimmu	645	46.5	30.8	No Sig. change	-do-	944.0 (1928)	46.5
	Punjnad	700	22.1	8.4	-do-	-do-	802.5 (1973)	33.8
RAVI	Jassar	275	2.4	2.4	-do-	-do-	680.0 (1955)	6.4
	Shahdara	250	15.8	15.8	-do-	-do-	576.0 (1988)	17.8
	Balloki	225	36.4	8.1	-do-	-do-	389.8 (1988)	38.8
	Sidhnai	150	21.5	5.9	-do-	-do-	330.2 (1988)	21.5
SUTLEJ	G.S. Wala	--	2.8	2.8	-do-	-do-	837.0 (1955)	5.4
	Sulemanki	325	20.4	8.2	-do-	-do-	598.9 (1955)	46.2
	Islam	300	7.8	5.8	-do-	-do-	492.6 (1955)	7.8

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-026/24

Dated: - 10th July, 2024
Time:- 11:00 hours (PST)

SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR
RIVERS' CATCHMENTS' (11th-July, 2024 to 17th-July,2024)

➤ **RAINFALL OUTLOOK:**

Scattered thunderstorm rain of moderate intensity with isolated heavy rainfall is expected over the upper catchment of all the major rivers up to 15th July.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

No High flood situation is expected. However flows may rise in all major rivers and its tributaries.

Note: This forecast is updated on daily basis.

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(Shahid Abbas)
Chief Meteorologist
FFD Lahore