

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

BULLETIN No. A-031/24

**Dated: - 15th 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:

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 lies over northwestern parts of Afghanistan today lies over North part of the Afghanistan.
- b. As predicted, moisture from the Bay of Bengal has revived to penetrate upper part of the country up to 3000 feet, it likely to strengthen during coming days. while moisture from Arabian Sea is cut off temporarily.
- c. Light variable winds over most parts of Punjab are favorable for local convective development.
- d. Weak Seasonal low is located over east Balochistan and adjoining areas.
- e. Weak monsoon trough lies south off the foothill of Himalaya range.

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, Punjab, South Sindh & Peshawar, Kohat, Bannu, D.I Khan and Kalat Divisions.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

Monsoon activity is likely to remain subdued during the next 48 hours; however, it is very likely to moderately reinstate after 48 hours.

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

- Indus: Chitral=09, Chowni Bridge Chitral=06, Mirkhani=05, Gupis=04, Bagrote, Drosh & Dir=03(each), Khawagoobo Bridge, Bunji, Pashat-Bajaur, Gilgit & Kalam=01(each), Barkhan, Skardu & Chaklala (Airbase)=Trace(each).
- Jhelum: Palandri=19, Chattar Kallas=08, Dhulli, Panjera & Rawalakot=06(each), Bandi Abbaspur=05, Chakothi=03, Garhi Dopatta=02, Sharda, Hajira & Tandali=Trace(each).
- Chenab: Jhang=Trace.
- Ravi: -Nil-
- Sutlej: -Nil-
- Others: Zhob=20, Sibbi=08.

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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)	
INDUS	Isolated thunderstorm/rain	Isolated thunderstorm/rain (Rawalpindi Division)	TARBELA	
JHELUM	-do-	-do- (Sargodha Division)	Current:	1523.91
CHENAB	-do-	-do- (Gujranwala Division)	Max. Conservation:	1550.00
RAVI	-do-	-do- (Lahore Division)	MANGLA	
SUTLEJ	-do-	-do- (Bahawalpur Division)	Current:	1195.05
			Max Conservation:	1242.00

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	176.0	163.2	165-175	Below Low	832.0 (2010)	296.0
	Kalabagh	950	229.7	221.8	220-245	-do-	950.0 (1942)	234.2
	Chashma	950	234.7	225.2	220-245	-do-	1038.9 (2010)	254.4
	Taunsa	1100	209.9	187.4	No Sig. change	-do-	960.0 (2010)	223.4
	Guddu	1200	179.5	141.8	-do-	-do-	1199.7 (1976)	192.9
	Sukkur	1500	134.1	81.6	-do-	-do-	1166.6 (1986)	140.3
	Kotri	875	51.2	8.4	-do-	-do-	980.3 (1956)	82.5
KABUL	Nowshera	-	67.9	67.9	60-70	Low	391.3 (1990)	96.6
JHELUM	Mangla	1060	28.0	15.0	25-45	Below Low	1090.0 (1992)	114.6
	Rasul	850	10.1	0.0	No Sig. change	-do-	952.2 (1992)	66.1
CHENAB	Marala	1100	50.0	22.2	45-55	-do-	1100.0 (1957)	98.9
	Khanki	1100	21.1	13.1	No Sig. change	-do-	1086.5 (1959)	95.1
	Qadirabad	807	24.4	8.4	-do-	-do-	948.5 (1992)	93.1
	Trimmu	645	32.3	16.9	-do-	-do-	944.0 (1928)	46.5
	Punjad	700	25.0	11.2	-do-	-do-	802.5 (1973)	35.2
RAVI	Jassar	275	4.7	4.7	5-7	-do-	680.0 (1955)	7.1
	Shahdara	250	14.9	14.9	No Sig. change	-do-	576.0 (1988)	18.4
	Balloki	225	34.4	7.0	-do-	-do-	389.8 (1988)	38.8
	Sidhnai	150	16.5	1.7	-do-	-do-	330.2 (1988)	21.5
SUTLEJ	G.S. Wala	--	2.0	2.0	-do-	-do-	837.0 (1955)	5.4
	Sulemanki	325	19.4	7.4	-do-	-do-	598.9 (1955)	46.2
	Islam	300	8.2	6.6	-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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(Shahid Abbas)
Chief Meteorologist
FFD Lahore

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BULLETIN No. C-031/24

Dated: - 15th July, 2024
Time:- 11:20 hours (PST)

SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR
RIVERS' CATCHMENTS' (16th-July, 2024 to 22nd-July,2024)

➤ **RAINFALL OUTLOOK:**

No significant flood generating rainfall is expected over the upper catchments of all 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