

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

BULLETIN No. A-024/24

**Dated: - 08th 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 where as all the other major rivers are flowing below low flood level.

II: METEOROLOGICAL FEATURES:

- a. Yesterday's strong trough of westerly wave over the northern parts of the country has moved away eastwards and a fresh trough lies over northwestern parts of Afghanistan.
- b. The wind pattern over Southwest Asia and surrounding areas shows a light moisture incursion from Arabian Sea as well as Bay of Bengal to upper parts of the country up to 3000 feet. The moisture influx is likely to strengthen from Arabian Sea from 11th July.
- c. Yesterday's Monsoon trough along the foothill of Hamaliya has temporarily become insignificant.
- d. Weak seasonal low is located over northeast Balochistan and adjoining areas.
- e. Meteorological parameters are favorable for localized cloud formations.
- f. No cyclogenesis activity is expected over Bay of Bengal and Arabian sea during next few days.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

No significant rainfall activity is expected over the upper catchments of all the major rivers except some isolated rainfall of light intensity. Scattered thunderstorm of moderate intensity is expected over DG Khan, Zhob, Sibi, Kalat and Nasirabad Divisions along with south Sindh. Isolated thunderstorm/rain of light intensity is expected over Peshawar, Kohat, Bannu and DI Khan Division. Local development at isolated places is expected over Lahore, Gujranwala, Sargodha and Rawalpindi divisions.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

Subdued rainfall activity is likely to continue.

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

Indus:	Murree=34, Daggar=25, Bosak Bidge=20, Besham=15, Tarbela=10, Peshawar [City=09, Bacha Khan Airport=08 & Airbase=Trace], Oghi & Phulra=07(each), Pashat-Bajaur=06, Islamabad [Bokra=05, Shamsabad=04, PMD Headquarters & Chaklala(Airbase)=Trace(each)], Kamra (Airbase), Barkhan, Tando Jam & Bagrote=04(each), Shinkiari=03, Khawagoobo Bridge & Warsak Dam=02(each), Saidu Sharif, Buner, Mardan, Kabul(Nowshera), Kakul & Gupis=01(each), DG Khan(Vehova), Arandu Nullah, Bhakkar, D.I.Khan, Risalpur, Gilgit, Kohat (Airbase), Rashidabad (Kalpani), Dratian, Skardu, Bunji & Chhor=Trace(each).
Jhelum:	Rawalakot=22, Chakothi=18, Chattar Kallas=09, Muzaffarabad (Airport=07 & City =06), Domel & Balakot=06(each), Garhi Dopatta=03, Hajira, Panjera & Bandi Abbaspur=01(each), Tandali & Talhatta=Trace(each).
Chenab:	Jhang=01, Marala & Multan (Airport)=Trace(each).
Ravi:	Zafarwal=01.
Sutlej:	-Nil-
Others:	Sibbi=Trace.

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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 Current: 1514.49 Max. Conservation: 1550.00 MANGLA Current: 1192.05 Max Conservation: 1242.00
JHELUM	-do-	-do- (Sargodha Division)	
CHENAB	-do-	-do- (Gujranwala Division)	
RAVI	-do-	-do- (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	243.0	165.0	200-240	Below Low	832.0 (2010)	296.0
	Kalabagh	950	210.5	202.6	220-240	-do-	950.0 (1942)	233.6
	Chashma	950	213.9	209.9	210-230	-do-	1038.9 (2010)	254.4
	Taunsa	1100	211.7	182.9	205-230	-do-	960.0 (2010)	211.7
	Guddu	1200	170.1	128.5	No Sig. change	-do-	1199.7 (1976)	176.6
	Sukkur	1500	100.1	50.3	-do-	-do-	1166.6 (1986)	135.5
	Kotri	875	24.3	1.5	-do-	-do-	980.3 (1956)	82.5
KABUL	Nowshera	-	89.8	89.8	80-90	Low	391.3 (1990)	96.6
JHELUM	Mangla	1060	62.0	26.0	40-65	Below Low	1090.0 (1992)	114.6
	Rasul	850	7.8	0.0	No Sig. change	-do-	952.2 (1992)	66.1
CHENAB	Marala	1100	61.5	29.6	50-60	-do-	1100.0 (1957)	98.9
	Khanki	1100	57.6	50.0	No Sig. change	-do-	1086.5 (1959)	95.1
	Qadirabad	807	63.3	43.7	-do-	-do-	948.5 (1992)	93.1
	Trimmu	645	39.2	23.7	-do-	-do-	944.0 (1928)	44.1
	Punjad	700	17.5	4.1	-do-	-do-	802.5 (1973)	33.8
RAVI	Jassar	275	5.5	5.5	-do-	-do-	680.0 (1955)	6.4
	Shahdara	250	15.4	15.4	-do-	-do-	576.0 (1988)	16.2
	Balloki	225	35.3	8.5	-do-	-do-	389.8 (1988)	38.8
	Sidhnai	150	17.6	2.6	-do-	-do-	330.2 (1988)	18.7
SUTLEJ	G.S. Wala	--	2.8	2.8	-do-	-do-	837.0 (1955)	5.4
	Sulemanki	325	20.7	9.5	-do-	-do-	598.9 (1955)	46.2
	Islam	300	4.3	2.3	-do-	-do-	492.6 (1955)	4.3

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-024/24

Dated: - 08th July, 2024
Time:- 11:00 hours (PST)

SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR
RIVERS' CATCHMENTS' (09th-July, 2024 to 15th-July,2024)

➤ **RAINFALL OUTLOOK:**

Subdued rainfall activity is likely to continue till 10th July and then rebuild from July 11th. Scattered thunderstorm rain of moderate intensity with isolated heavy rainfall is expected over the upper catchment of all the major rivers from 12th July.

➤ **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