

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

BULLETIN No. A-023/24

**Dated: - 07th 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 medium flood level where as all the other major rivers are flowing below low flood level. Flows are expected to rise in the hill torrent of DG Khan Division.

II: METEOROLOGICAL FEATURES:

- a. Yesterday's strong trough of westerly wave over the northern parts of the country moved eastwards and today lies over Kashmir and adjoining areas and is likely to moved away eastwards during next 24 hours.
- b. The latest vertical wind analysis over Southwest Asia and surrounding shows a light to moderate moisture from Arabian Sea as well as Bay of Bengal, penetrating toward the southern parts of the country up to 5000 feet. Moisture incursion is likely to subside further during next 24 hours.
- c. Yesterday's Monsoon trough lies along the foothill of Hamaliya from Bay of Bengal to eastern rivers Catchments.
- d. A marked seasonal low is located over the northeast Balochistan and adjoining areas, with a central pressure below 990 hPa. Its trough is extending north-eastwards.
- e. Conditions are becoming favorable for localized cloud formations.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Scattered thunderstorm of moderate intensity with isolated heavy fall is expected over the DI Khan, DG Khan, Sahiwal, Multan, Bahawalpur, Zhob, Sibi, Kalat and Nasirabad Divisions. Scattered thunderstorm rain of moderated intensity is also expected over the upper catchments of all the major rivers, Khyber Pakhtunkhwa, Islamabad, along with Rawalpindi, Sargodha, Gujranwala, Lahore and Faisalabad Division.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS :

Wet spell is likely to subside.

V: RIVERS' CATCHMENTS' RAINFALL RECORDED >4 (MM) DURING LAST 24-HRS (UPTO 0800 PST):

Indus:	Bannu=50, Bhakkar=40, Pashat-Bajaur & D.I.Khan=28(each), Bosak Bidge=20, Ghalanai=19, Cherat=18, Besham & Khaar-Bajaur=16(each), Peshawar (Airbase=15, City=13, Bacha Khan Airport=12), Kamra (Airbase)=14, Saidu Sharif=13, DG Khan [Airport=12, Vehova=08, Zain Sanghar=01], Dir=11, Shinkiari=10, Oghi=09, Layyah(Krore)=08, D.I.Khan Airport=07, Khanpur=05.
Jhelum:	Sargodha (Airbase=37 & City=35), Joharabad=20, Domel=10, Sharda=09.
Chenab:	Jhang=83, Multan [Airport=48, Chungi No.9 & City=31(each), Shuja Abad=29, Kiri Jamandan=16], Muzaffargarh=06, Sialkot (Cantt) & Hafizabad=05(each), Gujranwala, Marala, Shorkot (Airbase) & Noorpur Thal=Trace(each).
Ravi:	Faisalabad [Dogar Basti=98, Madina Town=97, Gulam Muhammand Abad & Gulistan Colony=96(each), Allama Iqbal Colony=92, City=30], Lahore [Qurtba chock=20, Iqbal Town=12, Gulshan e Ravi=08, Township & Upper Mall=07(each), Samanabad=06, Johar Town, Airport & City=05(each), Luckshami, Gulburg & Taj Pura=03(each), Shahdara & Shahi Qilla=02(each), Mughal Pura=Trace], Sheikhpura=13, Narowal=05.
Sutlej:	Bahawalnagar=67, Bahawalpur (City=61 & Airport=30), Kasur=08.
Others:	Zhob=12, Sibbi=08.

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

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46-JAIL ROAD LAHORE-54000

BULLETIN No. B-023/24

Dated: - 07th 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: 1510.20 Max. Conservation: 1550.00 MANGLA Current: 1190.80 Max Conservation: 1242.00
JHELUM	-do-	-do- (Sargodha Division)	
CHENAB	-do-	-do- (Gujranwala Division)	
RAVI	-do-	-do- (Lahore Division)	
SUTLEJ	-do-	-do- (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	286.0	135.4	260-280	Low	832.0 (2010)	296.0
	Kalabagh	950	217.1	209.2	220-245	Below Low	950.0 (1942)	233.6
	Chashma	950	243.3	234.4	230-245	-do-	1038.9 (2010)	254.4
	Taunsa	1100	202.9	174.3	205-230	-do-	960.0 (2010)	207.5
	Guddu	1200	153.3	111.4	No Sig. change	-do-	1199.7 (1976)	176.6
	Sukkur	1500	98.0	49.6	-do-	-do-	1166.6 (1986)	135.5
	Kotri	875	23.5	1.5	-do-	-do-	980.3 (1956)	82.5
KABUL	Nowshera	-	93.5	93.5	80-100	Low to Medium	391.3 (1990)	96.6
JHELUM	Mangla	1060	49.0	13.0	50-80	Low	1090.0 (1992)	114.6
	Rasul	850	8.9	0.0	No Sig. change	Below Low	952.2 (1992)	66.1
CHENAB	Marala	1100	90.9	59.1	85-110	Low	1100.0 (1957)	98.9
	Khanki	1100	80.7	73.2	70-95	Below Low	1086.5 (1959)	95.1
	Qadirabad	807	93.1	73.6	70-95	Below Low	948.5 (1992)	93.1
	Trimmu	645	42.9	27.3	No Sig. change	-do-	944.0 (1928)	44.1
	Punjad	700	12.0	0.0	-do-	-do-	802.5 (1973)	33.8
RAVI	Jassar	275	4.8	4.8	3-10	-do-	680.0 (1955)	5.3
	Shahdara	250	15.4	15.4	No Sig. change	-do-	576.0 (1988)	16.2
	Balloki	225	36.6	10.3	-do-	-do-	389.8 (1988)	38.8
	Sidhnai	150	18.0	4.6	-do-	-do-	330.2 (1988)	18.7
SUTLEJ	G.S. Wala	--	5.4	5.4	-do-	-do-	837.0 (1955)	5.4
	Sulemanki	325	19.0	7.6	-do-	-do-	598.9 (1955)	46.2
	Islam	300	3.3	0.8	-do-	-do-	492.6 (1955)	4.2

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-023/24

Dated: - 07th July, 2024
Time:- 11:00 hours (PST)

SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR
RIVERS' CATCHMENTS' (08th-July, 2024 to 14th-July,2024)

➤ **RAINFALL OUTLOOK:**

The monsoon activity is expected to remain subdued until July 10th and then rebuild starting from July 11th.

➤ **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