

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

BULLETIN No. A-030/24

**Dated: - 14th 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 over Kashmir and adjoining areas has moved away eastwards. A fresh trough of westerly wave lies over northwestern parts of Afghanistan.
- b. Weak moisture from the Arabian Sea is penetrating and converging directionally over South Punjab and adjoining areas up to 3000 feet, while moisture from Bay of Bengal is still cut off but it is likely to revive from tomorrow.
- c. Light winds over most parts of Punjab are favorable for local convective development.
- d. Seasonal low is located over east Balochistan and adjoining areas.
- e. Weak monsoon trough axis lies south of 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 & Peshawar, Kohat, Bannu, D.I Khan, Zhob, Kalat, Nasirabad and Sibbi Divisions.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

No significant change is expected.

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

- Indus: Bannu=12, Besham=10, Khaar-Bajaur & Bagrote=03(each), Barkhan & Drosh=02(each), D.I.Khan Airport, Bunji, Astore, Chitral & Pattan=01(each), Darashoot, Bhakkar, Bhandu Wala, Skardu & Kurrum Garhi=Trace(each).
- Jhelum: Muzaffarabad (Airport=08 & City=05), Hajira & Dhulli=Trace(each).
- Chenab: Alexandra Bridge=02, Marala=01, Gujranwala=Trace.
- Ravi: -Nil-
- Sutlej: Bahawalpur (Airport=42 & City=41).
- Others: Zhob=08.

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(Shahid Abbas)
Chief Meteorologist
FFD Lahore**

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Dated: - 14th 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:	1524.20
CHENAB	-do-	-do- (Gujranwala Division)	Max. Conservation:	1550.00
RAVI	-do-	-do- (Lahore Division)	MANGLA	
SUTLEJ	-do-	-do- (Bahawalpur Division)	Current:	1194.60
			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	189.0	163.3	190-200	Below Low	832.0 (2010)	296.0
	Kalabagh	950	207.8	199.8	210-230	-do-	950.0 (1942)	234.2
	Chashma	950	232.0	225.4	No Sig. change	-do-	1038.9 (2010)	254.4
	Taunsa	1100	200.3	181.8	-do-	-do-	960.0 (2010)	223.4
	Guddu	1200	189.8	152.0	-do-	-do-	1199.7 (1976)	189.9
	Sukkur	1500	140.3	86.9	-do-	-do-	1166.6 (1986)	140.3
	Kotri	875	46.6	4.0	-do-	-do-	980.3 (1956)	82.5
KABUL	Nowshera	-	70.5	70.5	65-75	Low	391.3 (1990)	96.6
JHELUM	Mangla	1060	33.0	15.0	30-50	Below Low	1090.0 (1992)	114.6
	Rasul	850	13.4	0.0	No Sig. change	-do-	952.2 (1992)	66.1
CHENAB	Marala	1100	49.9	22.2	45-55	-do-	1100.0 (1957)	98.9
	Khanki	1100	33.5	25.5	No Sig. change	-do-	1086.5 (1959)	95.1
	Qadirabad	807	51.3	35.3	-do-	-do-	948.5 (1992)	93.1
	Trimmu	645	29.5	14.2	-do-	-do-	944.0 (1928)	46.5
	Punjad	700	32.5	18.8	-do-	-do-	802.5 (1973)	35.2
RAVI	Jassar	275	7.1	7.1	5-10	-do-	680.0 (1955)	7.1
	Shahdara	250	14.9	14.9	No Sig. change	-do-	576.0 (1988)	18.4
	Balloki	225	36.4	9.3	-do-	-do-	389.8 (1988)	38.8
	Sidhnai	150	17.4	3.3	-do-	-do-	330.2 (1988)	21.5
SUTLEJ	G.S. Wala	--	3.6	3.6	-do-	-do-	837.0 (1955)	5.4
	Sulemanki	325	19.2	8.0	-do-	-do-	598.9 (1955)	46.2
	Islam	300	8.4	7.0	-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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FFD Lahore

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BULLETIN No. C-030/24

Dated: - 14th July, 2024
Time:- 11:20 hours (PST)

SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR
RIVERS' CATCHMENTS' (15th-July, 2024 to 21st-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