

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

BULLETIN No. A-034/24

**Dated: - 18th 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. Low to medium level flows are expected in the nullah's of river Chenab.

II: METEOROLOGICAL FEATURES:

- a. Yesterday's trough of westerly wave continues to persist over northeastern parts of Afghanistan and adjoining Pakistan.
- b. Synoptic analysis shows moderate pressure gradient over northern parts of Afghanistan.
- c. Light to moderate moisture from Bay of Bengal and Arabian sea is penetrating upper parts of the country up to 5000 feet.
- d. Monsoon trough lies south off the foothills of the Himalayas. It is likely to become more marked.
- e. A low-pressure area over northwest Bay of Bengal is likely to form during next 24-hours.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Scattered thunderstorm/rain of moderate intensity is expected over the upper catchments of all the Major rivers along with South Sindh, Islamabad, Punjab and Kalat Divisions. Isolated thunderstorm rain is expected over Zhob, Sibbi and Nasirabad Divisions.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

No significant change.

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

- Indus: Peshawar (Airbase=40, City=28 & Bacha Khan Airport=26), Kohat (Airbase)=22, Chaklala [Airbase=21, Golra=12, Shamsabad=10, Zeropoint=09, Chaklala Katcheri & Bokra=06(each), Saidpur=05, New Airport=02], Mianwali (Airbase)=20, Tanda Dam=09, Chhor=08, Dir=06, Shaheed Benazirabad=05, Mithi, Landi Kotal & Sakrand=03(each), Malam Jabba & Risalpur=02(each), D.G Khan (Zain Sanghar), Ghalanai, Khawagoobo Bridge, Kamra (Airbase), Attock & Tarbela=01(each), Arandu Nullah, Warsak Dam, Gilgit, Bannu, Bhakkar, D.I.Khan, Layyah & Murree=Trace(each).
- Jhelum: Jhelum=53, Mangla=38, Mandibahauddin=27, Dhulli=17, Kotli=04, Chakwal=03, Panjera=02, Bandi Abbaspur, Baba Shah Jalal & Balakot=01(each), Hajira & Joharabad=Trace(each).
- Chenab: Hafizabad=15, Sialkot (Cantt=15 & Airport=13), Gujranwala=11, Gujrat=07, Marala=01.
- Ravi: -Nil-
- Sutlej: -do-
- Others: Zhob=08.

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

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

BULLETIN No. B-034/24

Dated: - 18th 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: 1520.02 Max. Conservation: 1550.00
JHELUM	-do-	-do- (Sargodha Division)	
CHENAB	-do-	-do- (Gujranwala Division)	MANGLA Current: 1196.15 Max Conservation: 1242.00
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	149.0	248.6	150-165	Below Low	832.0 (2010)	296.0
	Kalabagh	950	222.6	214.6	240-280	Low	950.0 (1942)	254.6
	Chashma	950	246.8	235.3	240-280	-do-	1038.9 (2010)	273.4
	Taunsa	1100	222.2	195.7	No Sig. change	Below Low	960.0 (2010)	223.4
	Guddu	1200	176.9	138.0	-do-	-do-	1199.7 (1976)	192.9
	Sukkur	1500	127.8	75.7	-do-	-do-	1166.6 (1986)	140.3
	Kotri	875	68.7	26.0	-do-	-do-	980.3 (1956)	82.5
KABUL	Nowshera	-	52.7	52.7	50-70	Low	391.3 (1990)	96.6
JHELUM	Mangla	1060	51.0	15.0	30-50	Below Low	1090.0 (1992)	114.6
	Rasul	850	7.9	0.0	No Sig. change	-do-	952.2 (1992)	66.1
CHENAB	Marala	1100	53.6	27.6	80-110	Low	1100.0 (1957)	98.9
	Khanki	1100	36.6	30.2	80-110	-do-	1086.5 (1959)	95.1
	Qadirabad	807	29.2	16.2	70-100	-do-	948.5 (1992)	93.1
	Trimmu	645	25.2	9.4	No Sig. change	Below Low	944.0 (1928)	46.5
	Punjad	700	20.7	6.9	-do-	-do-	802.5 (1973)	35.2
RAVI	Jassar	275	2.1	2.1	-do-	-do-	680.0 (1955)	7.1
	Shahdara	250	11.2	11.2	-do-	-do-	576.0 (1988)	18.4
	Balloki	225	25.1	0.6	-do-	-do-	389.8 (1988)	38.8
	Sidhnai	150	19.0	3.3	-do-	-do-	330.2 (1988)	21.5
SUTLEJ	G.S. Wala	--	1.0	1.0	-do-	-do-	837.0 (1955)	5.4
	Sulemanki	325	13.5	2.5	-do-	-do-	598.9 (1955)	46.2
	Islam	300	6.6	5.0	-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)

(Shahid Abbas)
Chief Meteorologist
FFD Lahore

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

BULLETIN No. C-034/24

Dated: 18th July, 2024
Time: 11:00 hours (PST)

SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS' CATCHMENTS' (19th-July, 2024 to 25th-July,2024)

➤ **RAINFALL OUTLOOK:**

Moderate rainfall activity with isolated heavy falls is likely to start over the upper catchments of all the major rivers from 24th July.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

No High flood situation is expected.

Note: This forecast is updated on daily basis.

(Shahid Abbas)
Chief Meteorologist
FFD Lahore