

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

**BULLETIN No. A-027/24**

**Dated: - 11<sup>th</sup> 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 Hill torrents of DG Khan Division up to 15<sup>th</sup> July.

**II: METEOROLOGICAL FEATURES:**

- a. Yesterday's trough of westerly wave over Kashmir and adjoining areas has moved away eastwards. The other trough of westerly wave over northwestern parts of Afghanistan today lies over northeastern parts of Afghanistan and adjoining areas.
- b. Moderate moisture incursion from the Arabian Sea, with directional convergence over South Punjab up to 4000 feet, is observed. Conditions favor increased moisture influx from the Arabian Sea in the next 24 hours, while moisture from the Bay of Bengal is likely to remain cut off.
- c. Weak seasonal low is located over north Balochistan and adjoining areas.
- d. Moderate pressure gradient lies over northern parts of Afghanistan.
- e. Active Monsoon trough lies along the foothill of Himalaya which extends up to 850 hPa.
- f. No cyclogenesis activity is expected over Bay of Bengal and Arabian sea during next few days.

**III: WEATHER FORECAST FOR NEXT 24-HOURS:**

Scattered thunderstorms of moderate intensity with isolated heavy falls are expected over the upper catchments of all the major rivers along with Islamabad, Peshawar, Kohat, Bannu, DI Khan, Rawalpindi, Sargodha, Gujranwala, Lahore and DG Khan Divisions. Isolated thunderstorms of light to moderate intensity are expected over, Multan, Zhob, Kalat, Nasirabad and Sibbi Division.

**IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:**

Wet spell likely to continue.

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

Indus: Tarbela=53, Islamabad [ Saidpur=45, PMD Headquarters=40, Shamsabad=34, Golra=22, Chaklala(Airbase=19 & katcheri=11), Bokra=05, New Airport=03], DG Khan [ Zain Sanghar=18, Airport=05, Vehova=01], Kamra (Airbase)=14, Shinkhari=10, Besham=08, Oghi, Phulra & Attock=06(each), Murree, Daggar, Buner & Pattan=05(each), Kakul=04, Warsak Dam, Bannu & Landi Kotal=02(each), Saidu Sharif, Peshawar (Airbase) & Kohat (Airbase)=01(each), Ghalanai & Khaar-Bajaur=Trace(each).

Jhelum: Kallar=15, Palandri & Mangla=12(each), Rawalakot=09, Jhelum=08, Mandibahauddin & Dhulli=07(each), Domel & Chakwal=06(each), Balakot=05, Muzaffarabad [ City=04 & Airport=03] Chakothi & Panjera=03(each), Garhi Dopatta & Kotli=02(each), Hajira, Chattar Kallas, Bandi Abbaspur & Talhatta=01(each), Multan (Airport), Tandali & Baba Shah Jalal=Trace(each).

Chenab: Hafizabad=08, Gujrat=07, Sialkot (Cantt=06 & Airport=05), Gujranwala=05, Barnala=Trace.

Ravi: Lahore [ Taj Pura=30, Luckshami=29, Qurtba chock=25, Shahdara=24, Upper Mall=23, Shahi Qilla, Mughal Pura & Misri Shah=20(each), Airport=14, Gulshan e Ravi=13, City & Township=05(each), Samanabad & Gulburg=02(each), Iqbal Town & Johar Town=Trace(each)]  
Faisalabad [City=19, Dogar Basti=10, Madina Town & Allama Iqbal Town=09(each), Gulistan Colony=08, Ghulam Muhammad Abad=04], Zafarwal=01, Sheikhpura & Narowal=Trace.

Sutlej: -Nil-

Others: Zhob=02.

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

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**FLOOD FORECASTING DIVISION**  
**46-JAIL ROAD LAHORE-54000**

BULLETIN No. B-027/24

Dated: - 11<sup>th</sup> 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)	<b>TARBELA</b> Current: 1520.06 Max. Conservation: 1550.00  <b>MANGLA</b> Current: 1193.45 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	156.0	117.2	155-170	Below Low	832.0 (2010)	296.0
	Kalabagh	950	209.4	201.4	No Sig. change	-do-	950.0 (1942)	234.2
	Chashma	950	212.3	206.5	-do-	-do-	1038.9 (2010)	254.4
	Taunsa	1100	207.3	178.8	-do-	-do-	960.0 (2010)	218.4
	Guddu	1200	185.1	142.4	-do-	-do-	1199.7 (1976)	185.1
	Sukkur	1500	122.0	70.0	-do-	-do-	1166.6 (1986)	135.5
	Kotri	875	36.6	3.1	-do-	-do-	980.3 (1956)	82.5
KABUL	Nowshera	-	68.6	68.6	60-80	Low	391.3 (1990)	96.6
JHELUM	Mangla	1060	42.0	24.9	50-80	Low Sharp peak up to medium	1090.0 (1992)	114.6
	Rasul	850	22.5	5.3	No Sig. change	Below Low	952.2 (1992)	66.1
CHENAB	Marala	1100	59.4	27.6	50-70	-do-	1100.0 (1957)	98.9
	Khanki	1100	33.5	25.5	No Sig. change	-do-	1086.5 (1959)	95.1
	Qadirabad	807	47.5	31.5	-do-	-do-	948.5 (1992)	93.1
	Trimmu	645	33.9	18.3	-do-	-do-	944.0 (1928)	46.5
	Punjad	700	25.7	11.9	-do-	-do-	802.5 (1973)	33.8
RAVI	Jassar	275	2.4	2.4	-do-	-do-	680.0 (1955)	6.4
	Shahdara	250	15.4	15.4	-do-	-do-	576.0 (1988)	17.8
	Balloki	225	32.5	4.2	-do-	-do-	389.8 (1988)	38.8
	Sidhnai	150	20.6	5.0	-do-	-do-	330.2 (1988)	21.5
SUTLEJ	G.S. Wala	--	2.8	2.8	-do-	-do-	837.0 (1955)	5.4
	Sulemanki	325	21.9	9.1	-do-	-do-	598.9 (1955)	46.2
	Islam	300	8.6	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-027/24

Dated: - 11<sup>th</sup> July, 2024  
Time:- 11:00 hours (PST)

**SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR**  
**RIVERS' CATCHMENTS' (12<sup>th</sup>-July, 2024 to 18<sup>th</sup>-July,2024)**

➤ **RAINFALL OUTLOOK:**

Scattered thunderstorm rain of moderate intensity with isolated heavy rainfall is expected over the upper catchment of all the major rivers up to 15<sup>th</sup> July.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

No High flood situation is expected. However, flows may rise in all major rivers and its tributaries. Low to medium level flows are also expected to rise in hill torrents of DG Khan Division.

**Note:** This forecast is updated on daily basis.

--sd/--  
(Shahid Abbas)  
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