

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

**BULLETIN No. A-041/24**

**Dated: - 25<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:**

All the major river are flowing below low flood level.

**II: METEOROLOGICAL FEATURES:**

- a) Yesterday's trough of westerly wave over northwestern part of Pakistan today lies over Kashmir and adjoining area and is likely to move away north eastwards.
- b) Light moist currents are penetrating upper parts of the country from Arabian sea as well as from Bay of Bengal up to 3000 feet.
- c) Active monsoon trough lies over just south of Hamaliya (normal position) from Bay of Bengal to eastern River's catchments.
- d) Weak seasonal low lies over north Balochistan.

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

Mainly dry weather is expected over the most part of the country, however Isolated wind-thunderstorm/rain of light to moderate intensity is expected over the upper catchments of all the major rivers along with Islamabad & Rawalpindi, Sargodha, Gujranwala, Lahore, Multan, DG Khan, Bahawalpur, Peshawar, Kohat, Bannu, Sibbi and Nasirabad 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: Pattan=03, Gilgit=02, Phulra, Buner, Skardu & Larkana=Trace(each).  
Jhelum: Tandali & Sargodha (Airbase)=Trace(each).  
Chenab: Noorpur Thal=05.  
Ravi: Sahiwal=17.  
Sutlej: Kasur=03.  
Others: Sibbi=47, Karachi (Airport)=Trace.

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

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BULLETIN No. B-041/24

Dated: - 25<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)	<b>RESERVOIRS LEVEL (FEET) at (0600 PST)</b>	
INDUS	Isolated thunderstorm/rain	Isolated thunderstorm/rain (Rawalpindi Division)	<b>TARBELA</b>	
JHELUM	-do-	-do- (Sargodha Division)	Current:	1516.36
CHENAB	-do-	-do- (Gujranwala Division)	Max. Conservation:	1550.00
RAVI	-do-	-do- (Lahore Division)	Live Storage	68.5%
SUTLEJ	-do-	-do- (Bahawalpur Division)	<b>MANGLA</b>	
			Current:	1198.45
			Max Conservation:	1242.00
			Live Storage	57.1%

**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	205.0	219.8	200-220	Below Low	832.0 (2010)	296.0
	Kalabagh	950	207.9	199.9	No Sig. change	do-	950.0 (1942)	254.6
	Chashma	950	248.2	235.5	-do-	do-	1038.9 (2010)	273.4
	Taunsa	1100	225.1	198.8	-do-	do-	960.0 (2010)	226.9
	Guddu	1200	177.2	138.5	-do-	do-	1199.7 (1976)	192.9
	Sukkur	1500	128.2	77.0	-do-	do-	1166.6 (1986)	140.3
	Kotri	875	70.8	30.1	-do-	do-	980.3 (1956)	84.7
KABUL	Nowshera	-	55.2	55.2	50-60	-do-	391.3 (1990)	96.6
JHELUM	Mangla	1060	22.0	12.0	20-30	-do-	1090.0 (1992)	114.6
	Rasul	850	7.4	0.0	No Sig. change	-do-	952.2 (1992)	66.1
CHENAB	Marala	1100	65.8	38.3	60-70	-do-	1100.0 (1957)	98.9
	Khanki	1100	50.2	42.3	No Sig. change	-do-	1086.5 (1959)	95.1
	Qadirabad	807	49.8	30.3	-do-	-do-	948.5 (1992)	93.1
	Trimmu	645	22.3	5.4	-do-	-do-	944.0 (1928)	46.5
	Punjad	700	12.0	0.0	-do-	-do-	802.5 (1973)	35.2
RAVI	Jassar	275	16.7	16.7	10-15	-do-	680.0 (1955)	26.8
	Shahdara	250	24.8	24.8	No Sig. change	-do-	576.0 (1988)	24.8
	Balloki	225	40.5	11.6	-do-	-do-	389.8 (1988)	40.5
	Sidhnai	150	19.1	3.3	-do-	-do-	330.2 (1988)	21.5
SUTLEJ	G.S. Wala	--	0.4	0.4	-do-	-do-	837.0 (1955)	5.4
	Sulemanki	325	17.1	4.1	-do-	-do-	598.9 (1955)	46.2
	Islam	300	2.5	0.4	-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-041/24

Dated: 25<sup>th</sup> July, 2024  
Time: 11:00 hours (PST)

**SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS' CATCHMENTS' (26<sup>th</sup>-July, 2024 to 01<sup>st</sup>-August,2024)**

➤ **RAINFALL OUTLOOK:**

Moderate to heavy rainfall with isolated very heavy falls is expected over the upper catchments of all major rivers starting from July 29<sup>th</sup>.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

After July 29<sup>th</sup>, flows up to medium-level flood are expected in the Jhelum River upstream and the Chenab River, along with the nullahs of the Ravi and Chenab Rivers. Low to medium-level flows are also expected in the hill torrents of DG Khan and the nullahs in north & northeast Balochistan.

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

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