

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

BULLETIN No. A-043/24

**Dated: - 27th 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:

All the major rivers are flowing below Low flood level. During 29th July to 4th August, Medium to High level flood is expected in rivers Jhelum Upstream Mangla & Chenab at Marala, Khanki and Qadirabad. Low to Medium level flows are expected in River Kabul and its tributaries along with hill torrents of DG Khan divisions and nullahs of Zhob, Sibbi, Nasirabad, and Kalat Divisions. Low to Medium level flows are also expected in the nullahs of Rivers Ravi and Chenab catchments.

II: METEOROLOGICAL FEATURES:

- a) Yesterday's trough of **Strong Westerly Wave** over North Iran today lies over northeast Iran and adjoining areas.
- b) Yesterday's **Monsoon Low** over north Bay of Bengal, moved westward and today lies over north Odisha.
- c) Mild moist currents are penetrating the upper parts of country from the Arabian Sea and Bay of Bengal up to 3000 feet.
- d) Weak seasonal low lies over northeast Balochistan.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Scattered thunderstorm rain of moderate intensity with isolated heavy falls is expected over the upper catchments of rivers Jhelum, Chenab, Ravi and Sutlej along with Lahore and Gujranwala Divisions. Isolated thunderstorm/rain of light to moderate intensity is expected over the upper catchments of rivers Indus and Kabul along with Islamabad & Rawalpindi, Sargodha, DG Khan, Bahawalpur, Peshawar, Kohat, Bannu, Sibbi and Nasirabad Divisions.

IV: WEATHER OUTLOOK FROM 29TH JULY :

Scattered to **WIDESPREAD** thunderstorm rain of **MODERATE to HEAVY** intensity with isolated **VERY HEAVY** falls is expected over the upper catchment of all the major rivers along with Khyber Pakhtunkhwa, Islamabad, Punjab, Sindh, Zhob, Sibbi, Nasirabad, Kalat, Sukkar and Larkana Divisions.

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

Indus:	Murree=16, Kabul (Nowshera)=Trace.
Jhelum:	Kotli=20, Dhulli=13, Balakot=05, Garhi Dopatta=04, Panjera & Rawalakot=02(each), Talhatta=01, Bandi Abbaspur=Trace
Chenab:	Gujranwala [Sohdra Wazirabad=71, Liaqat Bagh=41, Model Town=38, City=31, Sheranwala Bagh=12, Peoples Colony=10], Sialkot (Airport=20 & Cantt=Trace) Gujrat=18, Barnala=01.
Ravi:	Narowal=12.
Sutlej:	-Nil-
Others:	Khuzdar & Karachi (Airport)= Trace(each).

--sd/--
(Shahid Abbas)
Chief Meteorologist
FFD Lahore

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

BULLETIN No. B-043/24

Dated: - 27th July, 2024
Time: - 11:20 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	Isolated thunderstorm/rain	Isolated thunderstorm/rain (Rawalpindi Division)	TARBELA	
JHELUM	Scattered thunderstorm/rain	-do- (Sargodha Division)	Current:	1516.92
CHENAB	-do-	Scattered thunderstorm/rain (Gujranwala Division)	Max. Conservation:	1550.00
RAVI	-do-	-do- (Lahore Division)	Live Storage	68.9%
SUTLEJ	-do-	Isolated thunderstorm/rain (Bahawalpur Division)	MANGLA	
			Current:	1199.20
			Max Conservation:	1242.00
			Live Storage	57.7%

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	198.0	224.5	200-220	Below Low	832.0 (2010)	296.0
	Kalabagh	950	236.9	228.9	240-260	Low	950.0 (1942)	254.8
	Chashma	950	250.9	234.4	240-260	Low	1038.9 (2010)	273.4
	Taunsa	1100	222.7	196.6	No Sig. change	Below Low	960.0 (2010)	226.9
	Guddu	1200	182.7	143.2	-do-	do-	1199.7 (1976)	192.9
	Sukkur	1500	125.2	73.8	-do-	do-	1166.6 (1986)	140.3
	Kotri	875	73.3	31.9	-do-	do-	980.3 (1956)	84.7
KABUL	Nowshera	-	50.9	50.9	50-60	do-	391.3 (1990)	96.6
JHELUM	Mangla	1060	26.0	12.0	30-50	do-	1090.0 (1992)	114.6
	Rasul	850	8.4	0.0	No Sig. change	do-	952.2 (1992)	66.1
CHENAB	Marala	1100	71.0	43.6	70-90	do-	1100.0 (1957)	98.9
	Khanki	1100	46.2	38.3	No Sig. change	do-	1086.5 (1959)	95.1
	Qadirabad	807	42.1	22.6	-do-	do-	948.5 (1992)	93.1
	Trimmu	645	34.2	17.3	-do-	do-	944.0 (1928)	46.5
	Punjad	700	13.9	0.0	-do-	do-	802.5 (1973)	35.2
RAVI	Jassar	275	6.4	6.4	6-15	do-	680.0 (1955)	26.8
	Shahdara	250	17.8	17.8	No Sig. change	do-	576.0 (1988)	24.8
	Balloki	225	44.2	15.1	-do-	do-	389.8 (1988)	48.3
	Sidhnai	150	21.4	5.6	-do-	do-	330.2 (1988)	21.5
SUTLEJ	G.S. Wala	--	1.0	1.0	-do-	do-	837.0 (1955)	5.4
	Sulemanki	325	17.3	4.1	-do-	do-	598.9 (1955)	46.2
	Islam	300	2.9	0.8	-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)

--sd/--

(Shahid Abbas)
Chief Meteorologist
FFD Lahore

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

BULLETIN No. C-043/24

Dated: 27th July, 2024
Time: 11:20 hours (PST)

SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS' CATCHMENTS' (28th-July, 2024 to 03rd-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 28th.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

During 29th July to 4th August, Medium to High level flood is expected in rivers Jhelum Upstream Mangla & Chenab at Marala, Khanki and Qadirabad. Low to Medium level flows are expected in River Kabul and its tributaries along with hill torrents of DG Khan divisions and nullahs of Zhob, Sibbi, Nasirabad, and Kalat Divisions. Low to Medium level flows are also expected in the nullahs of Rivers Ravi and Chenab catchments.

Note: This forecast is updated on daily basis.

--sd/--
(Shahid Abbas)
Chief Meteorologist
FFD Lahore