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

BULLETIN No. A-086/24 **Dated: 08th September, 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 (DG'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 Indus at Kotri is in **Low** flood level & falling while all the other major rivers are flowing in their normal state.

II: METEOROLOGICAL FEATURES:

a) Yesterday's shallow trough of a westerly wave over the northern part of the country has moved away eastwards.

b) Moist currents from the Arabian Sea and the Bay of Bengal have been cut off.

c) A well-marked low pressure area has developed over northwest Bay of Bengal and adjoining areas.

d) Seasonal Low lies over north Balochistan.

III: WEATHER FORECAST FOR 24-HOURS:

Isolated thunderstorm rain of light intensity is expected over the upper catchments of all the major rivers along with Peshawar and Kohat division.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

No significant change.

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

Indus:	Layyah (Kror)=18, Murree=06, Astore=05, Kakul=03, Bagrote & Dhok Pathan=01(each), Islamabad (Zeropoint), DG Khan (Fort Munro), Kamra (Airbase), Khaar-Bajaur, Bunji, Skardu, Buner & Pashat-Bajaur=Trace(each).
Jhelum:	Islampura &Tandali=Trace(each).
Chenab:	Noorpur Thal=05.
Ravi:	-Nil-
Sutlej:	-Nil-
Others:	-Nil-

--sd/--
(Shahid Abbas)
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I: WEATHER/RAINFALL FORECAST FOR NEXT 24-HRS:

RIVERS	Upper Catchments (Above Rim Stations)	Lower Catchments (Below Rim Stations)
INDUS	Isolated thunderstorm rain	Isolated thunderstorm rain (Rawalpindi Division)
JHELUM	-do-	-do- (Sargodha Division)
CHENAB	-do-	-do- (Gujranwala Division)
RAVI	-do-	-do- (Lahore Division)
SUTLEJ	-do-	-do- (Bahawalpur Division)

RESERVOIRS LEVEL (FEET) at (0600 PST)

TARBELA
Current: 1550.00
Max. Conservation: 1550.00
Live Storage 100.00%

MANGLA
Current: 1227.45
Max Conservation: 1242.00
Live Storage 84.51%

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	127.0	106.5	120-130	Below Low	832.0 (2010)	350.0
	Kalabagh	950	167.9	162.0	No sig. change	-do-	950.0 (1942)	401.7
	Chashma	950	183.4	158.7	-do-	-do-	1038.9 (2010)	432.7
	Taunsa	1100	157.0	131.7	-do-	-do-	960.0 (2010)	442.2
	Guddu	1200	217.1	185.1	200-215	Low	1199.7 (1976)	431.3
	Sukkur	1500	178.1	137.0	No sig. change	Below Low	1166.6 (1986)	401.1
	Kotri	875	264.2	255.3	240-260	Low	980.3 (1956)	342.4
KABUL	Nowshera	-	30.3	30.3	No sig. change	Below Low	391.3 (1990)	114.2
JHELUM	Mangla	1060	28.0	8.0	25-30	-do-	1090.0 (1992)	176.0
	Rasul	850	8.7	5.3	No sig. change	-do-	952.2 (1992)	67.8
CHENAB	Marala	1100	45.9	16.9	40-50	-do-	1100.0 (1957)	178.8
	Khanki	1100	27.2	19.9	No sig. change	-do-	1086.5 (1959)	177.1
	Qadirabad	807	29.1	11.1	-do-	-do-	948.5 (1992)	163.2
	Trimmu	645	68.3	58.0	-do-	-do-	944.0 (1928)	96.3
	Punjnad	700	63.6	51.5	50-65	-do-	802.5 (1973)	72.3
RAVI	Jassar	275	4.7	4.7	No sig. change	-do-	680.0 (1955)	40.4
	Shahdara	250	17.8	17.8	-do-	-do-	576.0 (1988)	28.0
	Balloki	225	43.8	17.4	-do-	-do-	389.8 (1988)	56.3
	Sidhnai	150	26.1	11.5	-do-	-do-	330.2 (1988)	33.8
SUTLEJ	G.S. Wala	--	2.8	2.8	-do-	-do-	837.0 (1955)	19.7
	Sulemanki	325	19.6	8.2	-do-	-do-	598.9 (1955)	46.2
	Islam	300	6.3	4.3	-do-	-do-	492.6 (1955)	12.5

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/--
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BULLETIN No. C-086/24

Dated: 08th September, 2024
Time: 11:20 hours (PST)

SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS' CATCHMENTS' (09th- September, 2024 to 15th -September, 2024)

➢ RAINFALL OUTLOOK:

No significant monsoon activity is expected.

➢ FLOOD SITUATION IN MAJOR RIVERS:

No significant flood situation is expected in any of the major rivers.

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

Note: This forecast is updated on daily basis.