

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

BULLETIN No. A-085/24

**Dated: 07th September, 2024
Time: 11:20 hours (PST)**

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| 1. President Secretariat, Islamabad. | 14. PDMA'S (DG's All Provinces & AJK). |
| 2. PM House, Islamabad. | 15. Chairman, Federal Flood Commission, Islamabad. |
| 3. Federal Minister for Water Resources, Islamabad. | 16. Chairman, Indus River System Authority, Islamabad. |
| 4. Governor (All Provinces). | 17. Chairman, PCRWR, Islamabad. |
| 5. Chairman NDMA, Islamabad. | 18. The Secretary General, Red Crescent, Islamabad. |
| 6. Chief Minister (All Provinces). | 19. Secretary, Irrigation Department, (All Provinces). |
| 7. PM Secretariat, Islamabad. | 20. D.G. Engineers, Eng. Directorate GHQ, Rawalpindi. |
| 8. Secretary, Aviation Division, Islamabad. | 21. Pakistan Commissioner for Indus Waters (PCIW), Islamabad. |
| 9. Secretary, Ministry for Water Resources, Islamabad. | 22. Chief Engineer, Mangla/Tarbela/Chashma. |
| 10. Secretary, Ministry of Information, Islamabad. | 23. Chief Engineer, Irrigation (All Provinces). |
| 11. Secretary, Climate change, Islamabad. | 24. Chief Engineer, (All Barrages). |
| 12. Chairman NHA, Islamabad. | 25. Chief Engineer, C.D.O. (Muzaffarabad). |
| 13. Chief Secretary (All Provinces). | 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:

- Yesterday's shallow trough of westerly wave over northeast Afghanistan today lies over northern part of the country.
- Light to moderate moist currents are penetrating the upper parts of the country from Bay of Bengal.
- Seasonal Low lies over northwest Balochistan.

III: WEATHER FORECAST FOR 24-HOURS:

Scattered thunderstorm rain of moderate intensity with isolated heavy falls is expected over the upper catchments of all the major rivers, Islamabad along with Peshawar, Kohat, Bannu, Rawalpindi, Sargodha and Gujranwala divisions. Isolated thunderstorm rain of moderate intensity is expected over Multan, Lahore, DI Khan, DG Khan and Bahawalpur divisions.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

Current rainfall spell is likely to subside.

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

Indus:	Islamabad [Saidpur=76, PMD Headquarters=73, Chaklala (Airbase)=55, Shamsabad=53, Golra=44, Bokra=29, Katcheri (Chaklala)=20, New Airport=06], Cherat=37, Oghi=25, D.I.Khan (Airport=18 & City=14), Kakul=14, Murree=10, Daggar=07, Risalpur & Kohat Airbase=05(each), Attock, Bhakkar & Tarbela=03(each), Kamra (Airbase), Mardan, Layyah (Kror), Phulra & Kabul (Nowshera)=02(each), Bosak Bridge, Saidu Sharif, Khaar-Bajaur, Takht Bai, Pattan & Ghalanai=01(each), Peshawar [Airbase=01, Bacha Khan Airport & City=Trace(each)], Mianwali (Airbase), Bunji, Skardu, Astore, Kalpani (Rashidabad), Lower Dir & Mirkhani=Trace(each).
Jhelum:	Garhi Dopatta=47, Kallar=38, Mandibahauddin=27, Sargodha (Airbase=25 & City=20), Chhattar Kallas=22, Rawalakot=19, Mangla=15, Chakwal=14, Jhelum=09, Joharabad=08, Balakot=07, Palandri & Kotli=06(each), Muzaffarabad (Airport=06 & City=02), Baba Shah Jalal=04, Chakothi & Bandi Abbaspur=01(each), Deolian=Trace.
Chenab:	Sialkot (Airport=36, DEOC (City)=24, Cantt=15, Daska=05, Pasrur=03), Hafizabad=17, Barnala=09, Gujrat=06, Gujranwala=Trace.
Ravi:	Lahore [City=16, Qurtba chowk=15, Iqbal Town=14, Township & Samanabad=13(each), Luckshami=12, Upper Mall, Shahi Qilla & Gulburg=08(each), Gulshan e Ravi=02, Taj Pura, Misri Shah, Airport, Shahdara, Mughal Pura & Johar Town=Trace(each)], Sheikhupura=01, Narowal=Trace.
Sutlej:	-Nil-
Others:	Karachi (Airport)=Trace.

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(Shahid Abbas)
Chief Meteorologist
FFD Lahore

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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) TARBELA Current: 1550.00 Max. Conservation: 1550.00 Live Storage 100.00% MANGLA Current: 1226.90 Max Conservation: 1242.00 Live Storage 83.96%
INDUS	Scattered thunderstorm rain	Scattered thunderstorm rain (Rawalpindi Division)	
JHELMUM	-do-	-do- (Sargodha Division)	
CHENAB	-do-	-do- (Gujranwala Division)	
RAVI	-do-	Isolated thunderstorm rain (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	132.0	129.2	130-150	Below Low	832.0 (2010)	350.0
	Kalabagh	950	167.9	162.0	No sig. change	-do-	950.0 (1942)	401.7
	Chashma	950	192.3	167.1	-do-	-do-	1038.9 (2010)	432.7
	Taunsa	1100	186.6	161.3	180-200	-do-	960.0 (2010)	442.2
	Guddu	1200	221.8	188.6	220-230	Low	1199.7 (1976)	431.3
	Sukkur	1500	188.1	147.9	No sig. change	Below Low	1166.6 (1986)	401.1
	Kotri	875	279.2	270.8	250-275	Low	980.3 (1956)	342.4
KABUL	Nowshera	-	30.3	30.3	30-45	Below Low	391.3 (1990)	114.2
JHELMUM	Mangla	1060	45.0	8.0	25-40	-do-	1090.0 (1992)	176.0
	Rasul	850	8.5	5.3	No sig. change	-do-	952.2 (1992)	67.8
CHENAB	Marala	1100	51.5	22.2	50-70	-do-	1100.0 (1957)	178.8
	Khanki	1100	36.2	29.3	No sig. change	-do-	1086.5 (1959)	177.1
	Qadirabad	807	26.5	8.5	-do-	-do-	948.5 (1992)	163.2
	Trimmu	645	67.4	57.1	-do-	-do-	944.0 (1928)	96.3
	Punjnad	700	60.1	48.9	60-70	-do-	802.5 (1973)	72.3
	Jassar	275	4.7	4.7	No sig. change	-do-	680.0 (1955)	40.4
RAVI	Shahdara	250	17.8	17.8	-do-	-do-	576.0 (1988)	28.0
	Balloki	225	42.6	16.2	-do-	-do-	389.8 (1988)	56.3
	Sidhnai	150	26.0	12.2	-do-	-do-	330.2 (1988)	33.8
	G.S. Wala	--	0.4	0.4	-do-	-do-	837.0 (1955)	19.7
SUTLEJ	Sulemanki	325	18.5	7.4	-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)

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(Shahid Abbas)
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FFD Lahore

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BULLETIN No. C-085/24

Dated: 07th September, 2024
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SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS'
CATCHMENTS' (08th- September, 2024 to 14th-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.

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(Shahid Abbas)
Chief Meteorologist
FFD Lahore

Note: This forecast is updated on daily basis.