

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

BULLETIN No. A-066/24

**Dated: 19th August, 2024
Time: 11:20 hours (PST)**

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| <ol style="list-style-type: none">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). | <ol style="list-style-type: none">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. |
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SUBJECT: -RIVERS SITUATION AND QUALITATIVE FLOOD FORECAST:

I: HYDROLOGICAL SITUATION at 0600 PST:

River Indus at Taunsa, Guddu and Sukkur are at **Medium** flood level, while River Indus at Tarbela, Kalabagh, Chashma and River Kabul at Nowshera are at Low flood level.

II: METEOROLOGICAL FEATURES:

- a) Yesterday's trough of Strong Westerly Wave over Northern parts of Afghanistan today lies over Northeast Afghanistan and adjoining Pakistan.
- b) Yesterday's **LOW** pressure over Larkana district has weakened into trough.
- c) Light to moderate moist currents are penetrating most parts of the country from the Arabian Sea, extending up to 3,000 feet.
- d) Yesterday's well-marked low-pressure area over North Bay of Bengal and adjoining Bangladesh remained stationary.
- e) Seasonal Low lies over northwest 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 all the major rivers, Khyber Pakhtunkhwa & Islamabad along with Rawalpindi, Sargodha, Gujranwala, Lahore, Multan, DG Khan, Larkana, Shaheed Benazirabad, Sukkur, Hyderabad, Zhob, Sibbi, Nasirabad, Loralai, Kalat & Makran Divisions.

IV: WEATHER FOR NEXT 48-HOURS:

Wet spell is likely to decrease further in Southern parts of the country.

A fresh wet spell of Moderate intensity with isolated Heavy falls is expected over the upper catchments of rivers Kabul, Indus & Jhelum along with Islamabad, Kyber Pakhtunkhwa and Rawalpindi, Sargodha & DG Khan divisions. Moderate intensity rainfall is expected over the upper catchments of rivers Chenab, Ravi and Sutlej along with Gujranwala and Lahore divisions.

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

Indus:	Bhandu Wala=69, Ghalanai=55, Jacobabad=52, Sukkur=16, Rohri=15, DG Khan (Vehova)=12, Zain Sanghar=09, Dadu, Landi Kotal & Sakrand=12(each), Khaar-Bajaur & Barkhan=11(each), Khairpur, Bagrote & Thatta=06(each), Badin=05, Moin-Jo-Daro & Padidan=04(each), Shaheed Benazirabad=03, Rahim Yar Khan, Khanpur, Tando Jam & Gupis=02(each), Larkana, Hyderabad, Buner & Skardu=01(each), Islamabad (zero point), Mirpur Khas & Dir=Trace(each).
Jhelum:	Panjera=12, Sargodha (City=07 & Airbase=Trace), Dhulli=03, Garhi Dopatta, Chakothi & Chattar Kallas=01(each), Tandali=Trace.
Chenab:	Barnala=Trace.
Ravi:	Lahore [Airport=62, Township=25, Johar Town=Trace], Shekhupura=10, Narowal=Trace.
Sutlej:	Bahawalpur (City)=04, Kasur=Trace.
Others:	Karachi [Surjani Town=70, Orange Town=26, North Karachi=15, Gulshan e Maymar =09, Masroor=02, University Road & Kemari=01(each), Jinah terminal, Saddar, Gulshan e Hadeed, Faisal Base & Airport=Trace), Chaman=09, Lasbela=08, Ormara=06, Gawader, Khuzdar & Panjgur=05(each), Quetta (Sheaikh Manda=04 & Samungli=01), Loralai=02, Sibbi=01, Dalbandin=Trace.

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(Shahid Abbas)
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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)	
INDUS	Scattered thunderstorm rain	Scattered thunderstorm rain (Rawalpindi Division)	TARBELA	
JHELUM	-do-	-do- (Sargodha Division)	Current:	1550.00
CHENAB	-do-	-do- (Gujranwala Division)	Max. Conservation:	1550.00
RAVI	-do-	-do- (Lahore Division)	Live Storage	99.3%
SUTLEJ	-do-	-do- (Bahawalpur Division)	MANGLA	
			Current:	1213.80
			Max Conservation:	1242.00
			Live Storage	70.6%

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	259.0	256.5	240-260	Low	832.0 (2010)	350.0
	Kalabagh	950	295.7	289.8	270-300	-do-	950.0 (1942)	401.7
	Chashma	950	358.3	340.3	300-340	-do-	1038.9 (2010)	432.7
	Taunsa	1100	390.2	380.2	370-400	Medium	960.0 (2010)	442.2
	Guddu	1200	381.0	381.0	370-410	-do-	1199.7 (1976)	431.3
	Sukkur	1500	384.8	371.0	390-400	-do-	1166.6 (1986)	393.0
	Kotri	875	222.3	187.5	220-230	Low	980.3 (1956)	221.1
KABUL	Nowshera	-	63.0	63.0	50-70	-do-	391.3 (1990)	114.2
JHELUM	Mangla	1060	22.0	10.0	20-40	Below Low	1090.0 (1992)	114.6
	Rasul	850	7.8	5.3	No Sig. change	-do-	952.2 (1992)	66.1
CHENAB	Marala	1100	62.7	38.3	60-80	-do-	1100.0 (1957)	178.8
	Khanki	1100	60.2	52.3	No Sig. change	-do-	1086.5 (1959)	177.1
	Qadirabad	807	57.9	39.9	-do-	-do-	948.5 (1992)	163.2
	Trimmu	645	89.8	80.5	80-100	-do-	944.0 (1928)	78.8
	Punjad	700	56.8	56.8	No Sig. change	-do-	802.5 (1973)	57.9
RAVI	Jassar	275	5.5	5.5	-do-	-do-	680.0 (1955)	40.4
	Shahdara	250	20.1	20.1	-do-	-do-	576.0 (1988)	28.0
	Balloki	225	54.3	27.0	45-55	Low	389.8 (1988)	56.1
	Sidhnai	150	21.6	14.9	25-35	-do-	330.2 (1988)	32.8
SUTLEJ	G.S. Wala	--	2.0	2.0	No Sig. change	Below Low	837.0 (1955)	19.7
	Sulemanki	325	18.2	9.8	-do-	-do-	598.9 (1955)	46.2
	Islam	300	11.3	10.72	-do-	-do-	492.6 (1955)	10.6

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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BULLETIN No. C-066/24

Dated: 19th August, 2024
Time: 11:20 hours (PST)

SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR
RIVERS' CATCHMENTS' (20th-August, 2024 to 26th-August, 2024)

➤ **RAINFALL OUTLOOK:**

Moderate rainfall activity with isolated heavy fall is likely to continue during the period.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

No significant increase in flows is expected in the all major rivers.

Note: This forecast is updated on daily basis.

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(Shahid Abbas)
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