

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

BULLETIN No. A-073/24

**Dated: 26th 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 Guddu and Sukkur is at **Medium** flood level, while River Indus at Kotri is at Low flood level.

Alert (During 27th to 31st August):

SEVERE FLASH FLOODING is likely to develop in the areas along Kirthar ranges (Jacobabad, Qambar Shahdadkot, Dadu and Jamshoro districts) and Sulaiman ranges (DG Khan and Rajanpur districts) including nullahs in Balochistan (Zhub, Loralai, Sibbi, Nasirabad and Kalat division). Urban flooding is also expected in the metropolitan cities of Sindh.

II: METEOROLOGICAL FEATURES:

- a) **Depression** over northwest Madhya Pradesh has moved south-southwestwards and today lies over southeast Rajasthan.
- b) Yesterday's trough of westerly wave over northern Afghanistan today lies over northeast Afghanistan and adjoining Pakistan.
- c) Light moist currents are penetrating the upper parts of the country from Bay of Bengal while moderate to strong moist currents are penetrating from both sources into south Sindh and adjoining areas up to 5000 feet. It is very likely to become intense during next 4 days.
- d) Seasonal Low lies over north Balochistan.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Scattered Thunderstorm rain of moderate intensity is expected over the upper catchments of all the major rivers, Khyber Pakhtunkhwa & Islamabad along with Rawalpindi, Sargodha, Gujranwala, Multan, Bahawalpur and DG Khan division. **Scattered to widespread thunderstorm rain of moderate intensity with isolated heavy falls is expected over south & southeast Sindh.** Isolated Thunderstorm rain of moderate intensity is expected over Faisalabad, Sahiwal, Lahore, Nasirabad, Sibbi, Loralai, Zhob and Kalat divisions.

IV: WEATHER Outlook:

Warning: Widespread thunderstorm rain of **HEAVY TO VERY HEAVY** intensity with isolated **EXTREMELY HEAVY** falls may occur over **Sindh (all divisions) and Balochistan (Zhub, Loralai, Sibbi, Nasirabad, Kalat and Makran divisions) and South Punjab (DG Khan, Multan and Bahawalpur divisions)**, during 27th to 31st August.

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

Indus:	Barkhan=38, Lower Dir=19, Besham=09, Cherat=04, Dir=02, Pattan, Kalam & Murree=01(each), Khaar-Bajaur, Gilgit & Badin=Trace(each).
Jhelum:	Panjera, Bandi Abbaspur & Kotli=01(each), Tandali=Trace.
Chenab:	Sialkot (Cantt)=02.
Ravi:	Faisalabad [Liaqat Bagh=30, Sheranwala Bagh=28, Peoples Colony=10, Airport=Trace].
Sutlej:	-Nil-
Others:	-do-

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

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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	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-	Isolated thunderstorm rain (Lahore Division)	Live Storage	100.0%
SUTLEJ	-do-	Scattered thunderstorm rain (Bahawalpur Division)	MANGLA	
			Current:	1216.65
			Max Conservation:	1242.00
			Live Storage	73.4%

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	163.0	155.4	160-175	Below Low	832.0 (2010)	350.0
	Kalabagh	950	218.9	212.6	No Sig. change	-do-	950.0 (1942)	401.7
	Chashma	950	193.2	170.8	-do-	-do-	1038.9 (2010)	432.7
	Taunsa	1100	197.1	185.1	-do-	-do-	960.0 (2010)	442.2
	Guddu	1200	376.2	364.7	340-375	Medium	1199.7 (1976)	431.3
	Sukkur	1500	364.1	360.1	360-370	-do-	1166.6 (1986)	401.1
	Kotri	875	301.9	299.0	300-320	-do-	980.3 (1956)	286.7
KABUL	Nowshera	-	39.3	39.3	40-55	Below Low	391.3 (1990)	114.2
JHELUM	Manla	1060	18.0	8.0	20-30	-do-	1090.0 (1992)	114.6
	Rasul	850	3.3	0.0	No Sig. change	-do-	952.2 (1992)	66.1
CHENAB	Marala	1100	50.1	22.2	50-60	-do-	1100.0 (1957)	178.8
	Khanki	1100	33.1	25.2	No Sig. change	-do-	1086.5 (1959)	177.1
	Qadirabad	807	26.5	8.5	-do-	-do-	948.5 (1992)	163.2
	Trimmu	645	38.6	28.2	-do-	-do-	944.0 (1928)	96.3
	Punjnad	700	60.1	52.1	-do-	-do-	802.5 (1973)	72.3
RAVI	Jassar	275	2.6	2.6	-do-	-do-	680.0 (1955)	40.4
	Shahdara	250	15.4	15.4	-do-	-do-	576.0 (1988)	28.0
	Balloki	225	38.2	11.7	-do-	-do-	389.8 (1988)	56.3
	Sidhnai	150	22.4	9.8	-do-	-do-	330.2 (1988)	32.8
SUTLEJ	G.S. Wala	--	0.4	0.4	-do-	-do-	837.0 (1955)	19.7
	Sulemanki	325	16.2	4.6	-do-	-do-	598.9 (1955)	46.2
	Islam	300	6.6	5.0	-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)

(Shahid Abbas)
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BULLETIN No. C-073/24

Dated: 26th August, 2024
Time: 11:20 hours (PST)

SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS' CATCHMENTS' (26th-August, 2024 to 01st-September, 2024)

➤ **RAINFALL OUTLOOK:**

Warning: Widespread thunderstorm rain of **HEAVY TO VERY HEAVY** intensity with isolated **EXTREMELY HEAVY** falls may occur over **Sindh (all divisions) and Balochistan (Zhob, Sibbi, Nasirabad, Loralai, Kalat and Makran divisions) and South Punjab (DG Khan, Multan and Bahawalpur divisions)**, from 27th to 31st August.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

No significant increase is expected in the flows of any of the major rivers.

Alert (From 27th to 31st August):

SEVERE FLASH FLOODING is likely to develop in the areas along Kirthar ranges (Jacobabad, Qambar Shahdadkot, Dadu and Jamshoro districts) and Sulaiman ranges (DG Khan and Rajanpur districts) including nullahs in Balochistan (Zhob, Loralai, Sibbi, Nasirabad and Kalat division). Urban flooding is also expected in the metropolitan cities of Sindh.

(Shahid Abbas)
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Note: This forecast is updated on daily basis.