

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

BULLETIN No. A-113/24

Dated: 05th October, 2024

Time: 11:00 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

All the major rivers are flowing below low flood level.

II: METEOROLOGICAL FEATURES

- a) Yesterday's trough of westerly wave over northern parts of Afghanistan today lies over northeast Afghanistan and adjoining area of Pakistan.
- b) Weak seasonal low lies over northwest Balochistan.

III: WEATHER FORECAST FOR 24-HOURS

Scattered thunderstorm/rain of light to moderate intensity is expected over the upper catchments of all major rivers and Islamabad along with Rawalpindi, Peshawar, Kohat, Sargodha and Gujranwala divisions. Mainly dry weather is expected for rest of the country.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS

No significant change.

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

Indus:	Buner, Chilas & Gilgit=Trace(each).
Jhelum:	-Nil-
Chenab:	-do-
Ravi:	-do-
Sutlej:	-do-
Others:	-do-

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

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Dated: 05th October, 2024
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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: 1536.80 Max. Conservation: 1550.00 Live Storage 86.98% MANGLA Current: 1210.85 Max Conservation: 1242.00 Live Storage 68.20%
INDUS	Isolated thunderstorm	Isolated thunderstorm (Rawalpindi Division)	
JHELUM	-do-	-do- (Sargodha Division)	
CHENAB	-do-	-do- (Gujranwala Division)	
RAVI	-do-	Mainly dry (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	70.0	80.8	70-80	Below Low	832.0 (2010)	350.0
	Kalabagh	950	82.4	75.3	No sig. change	-do-	950.0 (1942)	401.7
	Chashma	950	105.4	99.8	-do-	-do-	1038.9 (2010)	432.7
	Taunsa	1100	93.4	76.8	-do-	-do-	960.0 (2010)	442.2
	Guddu	1200	79.8	65.0	-do-	-do-	1199.7 (1976)	431.3
	Sukkur	1500	50.5	11.2	-do-	-do-	1166.6 (1986)	401.1
	Kotri	875	43.1	17.0	-do-	-do-	980.3 (1956)	342.4
KABUL	Nowshera	-	17.5	17.5	No sig. change	-do-	391.3 (1990)	114.2
JHELUM	Mangla	1060	8.0	37.7	8-12	-do-	1090.0 (1992)	176.0
	Rasul	850	36.8	15.8	No sig. change	-do-	952.2 (1992)	67.8
CHENAB	Marala	1100	21.9	3.5	20-25	-do-	1100.0 (1957)	178.8
	Khanki	1100	8.4	0.9	No sig. change	-do-	1086.5 (1959)	177.1
	Qadirabad	807	18.5	0.0	-do-	-do-	948.5 (1992)	163.2
	Trimmu	645	24.8	9.1	-do-	-do-	944.0 (1928)	96.3
	Punjnad	700	15.1	0.0	-do-	-do-	802.5 (1973)	72.3
RAVI	Jassar	275	2.1	2.1	-do-	-do-	680.0 (1955)	40.4
	Shahdara	250	9.2	9.2	-do-	-do-	576.0 (1988)	28.0
	Balloki	225	30.7	3.0	-do-	-do-	389.8 (1988)	56.3
	Sidhnai	150	20.6	3.3	-do-	-do-	330.2 (1988)	33.8
SUTLEJ	G.S. Wala	--	0.0	0.0	-do-	-do-	837.0 (1955)	19.7
	Sulemanki	325	14.9	2.3	-do-	-do-	598.9 (1955)	46.2
	Islam	300	2.1	0.8	-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/--
(Shahid Abbas)
Chief Meteorologist
FFD Lahore

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BULLETIN No. C-113/24

Dated: 05th October, 2024
Time: 11:00 hours (PST)

SUBJECT: WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS' CATCHMENTS' (06th -October, 2024 to 12th -October, 2024)

➤ **RAINFALL OUTLOOK:**

Scattered wind thunderstorm rain of moderate intensity is expected over the upper catchments of all the major rivers during the period.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

No flood situation is expected.

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(Shahid Abbas)
Chief Meteorologist
FFD Lahore

Note: This forecast is updated on daily basis.