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

BULLETIN No. A-117/24 **Dated: 09th October, 2024**
Time: 10:40 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 trough of westerly wave over northern parts of the country today lies over Kashmir and adjoining areas.

III: WEATHER FORECAST FOR 24-HOURS

Isolated thunderstorm/rain of light intensity is expected over the upper catchments of all major rivers and Islamabad along with Kohat, Bannu and Rawalpindi divisions.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS

Mainly dry weather is expected over most parts of the country.

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

Indus:	Malam Jabba=32, Kalam=27, Mithi=23, Lower Dir=17, Chowni Bridge Chitral=15, Pattan=12, Peshawar (Bacha Khan Airport=09, Airport=08 & City=07), Besham=09, Chitral & Drosh=08(each), Dir, Kohat Airbase & Mirkhani=07(each), Bosak Bridge & Bagrote=06(each), Astore, Hunza & Oghi=05(each), Tanda Dam & Gilgit=04(each), Gupis & Cherat=03(each), Ghalanai=02, Takht Bai, Risalpur, Warsak Dam & Bunji=01(each), Arandu Nullah, Khawagoobo Bridge, Shishi Darosh, Phulra, Murree, Skardu & Chilas=Trace(each),
Jhelum:	Rawalakot=04, Chakothi=03, Garhi Dopatta & Bandi Abbaspur=01(each), Muzaffarabad (Airport), Sargodha (City), Mandibahauddin, Kotli & Mangla=Trace(each),
Chenab:	Multan (Airport)=Trace.
Ravi:	-Nil-
Sutlej:	-do-
Others:	Zhob=Trace.

--sd/--
(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)
INDUS	Isolated thunderstorm	Isolated thunderstorm (Rawalpindi Division)
JHELUM	-do-	Mainly dry (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: 1536.97
Max. Conservation: 1550.00
Live Storage 87.13%

MANGLA
Current: 1207.45
Max Conservation: 1242.00
Live Storage 65.10%

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	61.0	57.1	55-65	Below Low	832.0 (2010)	350.0
	Kalabagh	950	76.4	69.3	No sig. change	-do-	950.0 (1942)	401.7
	Chashma	950	90.4	85.2	-do-	-do-	1038.9 (2010)	432.7
	Taunsa	1100	81.4	69.1	-do-	-do-	960.0 (2010)	442.2
	Guddu	1200	71.3	63.1	-do-	-do-	1199.7 (1976)	431.3
	Sukkur	1500	55.1	15.5	-do-	-do-	1166.6 (1986)	401.1
	Kotri	875	26.1	0.9	-do-	-do-	980.3 (1956)	342.4
KABUL	Nowshera	-	19.3	19.3	15-20	-do-	391.3 (1990)	114.2
JHELUM	Mangla	1060	12.0	37.7	8-15	-do-	1090.0 (1992)	176.0
	Rasul	850	36.6	15.8	No sig. change	-do-	952.2 (1992)	67.8
CHENAB	Marala	1100	16.8	3.5	15-20	-do-	1100.0 (1957)	178.8
	Khanki	1100	8.3	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	23.0	7.2	-do-	-do-	944.0 (1928)	96.3
	Punjnad	700	14.1	0.0	-do-	-do-	802.5 (1973)	72.3
RAVI	Jassar	275	2.4	2.4	-do-	-do-	680.0 (1955)	40.4
	Shahdara	250	7.6	7.6	-do-	-do-	576.0 (1988)	28.0
	Balloki	225	31.5	3.8	-do-	-do-	389.8 (1988)	56.3
	Sidhnai	150	17.4	0.0	-do-	-do-	330.2 (1988)	33.8
SUTLEJ	G.S. Wala	--	0.0	0.0	-do-	-do-	837.0 (1955)	19.7
	Sulemanki	325	15.3	2.7	-do-	-do-	598.9 (1955)	46.2
	Islam	300	2.8	1.3	-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/--
(Shahid Abbas)
Chief Meteorologist
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BULLETIN No. C-117/24

Dated: 09th October, 2024
Time: 10:40 hours (PST)

SUBJECT: WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS' CATCHMENTS' (10th -October, 2024 to 16th -October, 2024)

➢ RAINFALL OUTLOOK:

Mainly dry weather is expected.

➢ FLOOD SITUATION IN MAJOR RIVERS:

No flood situation is expected.

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

Note: This forecast is updated on daily basis.

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