

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

BULLETIN No. A-035/24

Dated: - 19th July, 2024
Time: - 11:20 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 (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.

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 northeastern parts of Afghanistan and adjoining Pakistan today lies over Kashmir and adjoining areas.
- b. According to latest Synoptic analysis, a well-marked monsoon low has developed over northwest Bay of Bengal.
- c. Light to Moderate moisture from Bay of Bengal is penetrating upper parts of the country while moisture from Arabian sea is converging over south Sindh and adjoining India up to 5000 feet.
- d. Monsoon trough lies over south off the foothills of the Himalayas.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Isolated thunderstorm/rain of light to moderate intensity is expected over the upper catchments of all the Major rivers along with Gujranwala, Lahore & Multan Divisions. Scattered thunderstorm/rain of moderate intensity is expected over south Sindh, Islamabad, Rawalpindi, Sargodha, DG Khan, Zhob, Sibbi and Nasirabad Divisions.

IV: WEATHER OUTLOOK FOR NEXT 72-HOURS:

Monsoon activity is likely to revitalize in the upper catchments of all major rivers after 48 hours.

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

Indus:	Parachinar=63, Tando Jam=34, Hyderabad (Airport=24 & City=19), Badin=17, Bhakkar=16, Thatta=15, Mirpur Khas=09, DG Khan (Airport=06), Drosh=05, Ghalanai & Mirkhani=04(each), Chowni Bridge Citral=03, Arandu Nullah & Kalam=01(each), Dir & Gilgit=Trace(each).
Jhelum:	Bandi Abbaspur=10, Kotli=04, Palandri=03, Talhatta=02, Jhelum, Mangla & Garhi Dopatta=01(each), Mandibahauddin=Trace.
Chenab:	Gujranwala [Liaqat Bagh=33, Peoples Colony=32, Model Town=29, Sheranwala Bagh=22 & City=16], Sialkot (Cantt=32 & Airport=25), Hafizabad=25, Gujrat & Marala=03(each), Multan (City=01).
Ravi:	Sheikhupura=19, Lahore [Gulshan e Ravi=09, Airport=01, Taj Pura, Shahdara, Misri Shah, Luckshami, Mughal Pura, Qurtba chowk, Shahi Qilla, Upper Mall, Gulburg & City=Trace(each)], Khanewal=04, Okara=Trace.
Sutlej:	-Nil-
Others:	Sibbi=28, Lasbela=Trace, Karachi [Airport, Faisal Base, Kemari & Jinnah Terminal=Trace(each)].

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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)	
INDUS	Isolated thunderstorm/rain	Scattered thunderstorm/rain (Rawalpindi Division)	TARBELA	
JHELUM	-do-	-do- (Sargodha Division)	Current:	1518.70
CHENAB	-do-	Isolated thunderstorm/rain (Gujranwala Division)	Max. Conservation:	1550.00
RAVI	-do-	-do- (Lahore Division)	Live Storage	70%
SUTLEJ	-do-	Mainly dry (Bahawalpur Division)	MANGLA	
			Current:	1196.45
			Max Conservation:	1242.00
			Live Storage	55%

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	157.0	203.0	155-165	Below Low	832.0 (2010)	296.0
	Kalabagh	950	235.6	227.6	235-245	-do-	950.0 (1942)	254.6
	Chashma	950	243.2	231.7	235-245	-do-	1038.9 (2010)	273.4
	Taunsa	1100	224.6	202.1	No Sig. change	-do-	960.0 (2010)	224.6
	Guddu	1200	179.3	140.0	-do-	-do-	1199.7 (1976)	192.9
	Sukkur	1500	125.5	74.6	-do-	-do-	1166.6 (1986)	140.3
	Kotri	875	70.4	27.7	-do-	-do-	980.3 (1956)	82.5
KABUL	Nowshera	-	58.7	58.7	50-60	-do-	391.3 (1990)	96.6
JHELUM	Mangla	1060	22.0	15.0	25-35	-do-	1090.0 (1992)	114.6
	Rasul	850	12.1	0.0	No Sig. change	-do-	952.2 (1992)	66.1
CHENAB	Marala	1100	65.4	38.3	50-65	-do-	1100.0 (1957)	98.9
	Khanki	1100	41.3	33.7	No Sig. change	-do-	1086.5 (1959)	95.1
	Qadirabad	807	42.4	27.7	-do-	-do-	948.5 (1992)	93.1
	Trimmu	645	20.8	5.4	-do-	-do-	944.0 (1928)	46.5
	Punjad	700	16.2	2.5	-do-	-do-	802.5 (1973)	35.2
RAVI	Jassar	275	7.6	7.6	7-15	-do-	680.0 (1955)	7.6
	Shahdara	250	12.1	12.1	No Sig. change	-do-	576.0 (1988)	18.4
	Balloki	225	25.1	0.6	-do-	-do-	389.8 (1988)	38.8
	Sidhnai	150	16.9	1.3	-do-	-do-	330.2 (1988)	21.5
SUTLEJ	G.S. Wala	--	1.0	1.0	-do-	-do-	837.0 (1955)	5.4
	Sulemanki	325	13.5	2.5	-do-	-do-	598.9 (1955)	46.2
	Islam	300	5.6	3.6	-do-	-do-	492.6 (1955)	8.6

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-035/24

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

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

➤ **RAINFALL OUTLOOK:**

Moderate rainfall activity with isolated heavy falls is likely to start over the upper catchments of all the major rivers from 22nd July.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

No High flood situation is expected. However, flows may rise.

Note: This forecast is updated on daily basis.

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(Shahid Abbas)
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