

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

BULLETIN No. A-012/24

Dated: - 26th June, 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. Chairman NHA, Islamabad.12. Chief Secretary (All Provinces).13. PDMA'S (D.G's, All Provinces & AJK). | <ol style="list-style-type: none">14. Chairman, Federal Flood Commission, Islamabad.15. Chairman, Indus River System Authority, Islamabad.16. Chairman, PCRWR, Islamabad.17. The Secretary General, Red Crescent, Islamabad.18. Secretary, Irrigation Department, (All Provinces).19. D.G. Engineers, Eng. Directorate GHQ, Rawalpindi.20. Pakistan Commissioner for Indus Waters (PCIW), Islamabad.,21. Chief Engineer, Mangla/Tarbela/Chashma.22. Chief Engineer, Irrigation (All Provinces).23. Chief Engineer, (All Barrages).24. Chief Engineer, C.D.O. (Muzaffarabad).25. Commissioner for Indus Waters, Lahore.26. All other concerned. |
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SUBJECT: -RIVERS SITUATION AND QUALITATIVE FLOOD FORECAST:-

I: HYDROLOGICAL SITUATION at 0600 PST:

The River Kabul at Nowshera is in a low flood level and falling, whereas all other major rivers are flowing in the state of their normal flows.

II: METEOROLOGICAL FEATURES:

- a. Yesterday's cyclonic circulation over South Gujarat remained stationary.
- b. According to the latest vertical wind analysis over southwest Asia, the monsoon pattern is likely to set in, and moisture incursion from the Bay of Bengal as well as from the Arabian Sea is likely to strengthen towards the upper parts of the country. At present, light to moderate moist currents from both sources are penetrating with speed convergence over the upper part of the country up to 3000 feet.
- c. Well-marked Seasonal low lies over east Balochistan with central pressure around 992 with horizontal extent.
- d. A strong trough of extratropical storm lies over north western parts of Iran and likely to approach in the vicinity of the country from 3rd of July which will first affect the upper catchment of river Kabul and its tributaries significantly and then spread towards upper catchments of all the other major rivers thereafter.
- e. Current soil conditions within the catchments of the Major Rivers and hill torrents are almost dry.
- f. Monsoon trough from Bay of Bengal to upper catchments of eastern rivers is likely to develop from 27th of June.

III: WEATHER FORECAST FOR NEXT 24-HOURS:

Mainly hot and dry/sultry weather is expected over most parts of the country, however isolated thunderstorm/rain is expected over the upper catchment of all major rivers. Isolated Thunderstorm rain is expected over southeast Sindh.

IV: WEATHER OUTLOOK:

Rainfall activity over the upper catchment of eastern rivers along with north and northeast Punjab is likely to increase slightly from 28th June.

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

Indus:	Dir=14, Khawagoobo Bridge=10, Mir Khani=02, Arandu Nullah, Lower Dir, Murree & Skardu=Trace(each).
Jhelum:	Rawalakot=02.
Chenab:	-Nil-
Ravi:	-do-
Sutlej:	-do-
Others:	Ziarat=18.

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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) TARBELA Current: 1468.26 Max. Conservation: 1550.00 MANGLA Current: 1182.80 Max Conservation: 1242.00
INDUS	Isolated thunderstorm/rain	Mainly dry (Rawalpindi Division)	
JHELMUM	-do-	-do- (Sargodha Division)	
CHENAB	-do-	-do- (Gujranwala Division)	
RAVI	-do-	-do- (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	143.0	155.2	145-165	Below Low	832.0 (2010)	182.0
	Kalabagh	950	133.3	112.6	170-210	-do-	950.0 (1942)	204.9
	Chashma	950	191.8	168.7	No Sig. Change	-do-	1038.9 (2010)	212.3
	Taunsa	1100	140.9	112.6	-do-	-do-	960.0 (2010)	207.5
	Guddu	1200	126.4	88.0	-do-	-do-	1199.7 (1976)	176.6
	Sukkur	1500	105.7	80.0	-do-	-do-	1166.6 (1986)	135.5
	Kotri	875	70.4	27.6	-do-	-do-	980.3 (1956)	80.4
KABUL	Nowshera	-	63.5	63.5	60-65	Low	391.3 (1990)	96.6
JHELMUM	Mangla	1060	40.0	27.2	40-45	Below Low	1090.0 (1992)	70.0
	Rasul	850	25.0	5.3	No Sig. change	-do-	952.2 (1992)	66.1
CHENAB	Marala	1100	49.7	19.1	45-50	-do-	1100.0 (1957)	63.4
	Khanki	1100	11.9	3.7	No Sig. change	-do-	1086.5 (1959)	37.9
	Qadirabad	807	24.4	4.9	-do-	-do-	948.5 (1992)	45.0
	Trimmu	645	29.8	12.5	-do-	-do-	944.0 (1928)	42.3
	Punjnad	700	22.9	9.1	-do-	-do-	802.5 (1973)	33.8
RAVI	Jassar	275	1.4	1.4	-do-	-do-	680.0 (1955)	1.8
	Shahdara	250	12.9	12.9	-do-	-do-	576.0 (1988)	14.9
	Balloki	225	30.3	3.8	-do-	-do-	389.8 (1988)	31.9
	Sidhnai	150	17.0	1.0	-do-	-do-	330.2 (1988)	17.3
SUTLEJ	G.S. Wala	--	0.4	0.4	-do-	-do-	837.0 (1955)	0.7
	Sulemanki	325	16.1	2.8	-do-	-do-	598.9 (1955)	46.2
	Islam	300	2.9	0.8	-do-	-do-	492.6 (1955)	4.2

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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(Shahid Abbas)
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BULLETIN No. C-012/24

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

SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR
RIVERS CATCHMENTS (27th -June, 2024 to 03rd-July, 2024)

➤ **RAINFALL OUTLOOK:**

- A strong trough of extratropical storm lies over north-western parts of Iran and is likely to approach in the vicinity of the country on July 3rd. In the presence of moderate to strong moisture incursion from both sources this will first affect, the upper catchment of river Kabul and its tributaries significantly on the same day and then spread towards upper catchments of all the other major rivers thereafter.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

Flows are likely to increase in River Kabul and its tributaries from July 3rd.

Note: This forecast is updated on daily basis.

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(Shahid Abbas)
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