

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

**BULLETIN No. A-022/24**

**Dated: - 06<sup>th</sup> July, 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 (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:**

River Kabul at Nowshera is in medium flood level where as all the other major rivers are flowing below low flood level.

**II: METEOROLOGICAL FEATURES:**

- a. Yesterday's strong trough of westerly wave over the northern parts of the country continues to persist.
- b. Core of the of Sub-tropical jet stream has moved eastwards having speeds of more than 100 kt.
- c. The latest vertical wind analysis over Southwest Asia and surrounding shows a moderate moisture influx from Arabian Sea as well as Bay of Bengal, advancing toward the upper catchments of all the major rivers and extending up to 5000 feet. Moisture incursion is likely to subside after 36 hours.
- d. Yesterday's marked Monsoon trough along the foothill of Hamaliya from Bay of Bengal to eastern rivers catchments still continues to persist.
- e. A seasonal low is located over the northeast Balochistan and adjoining areas, with a central pressure below 990 hPa. Its trough is extending northwards.

**III: WEATHER FORECAST FOR NEXT 24-HOURS:**

**Widespread moderate to heavy thunderstorm rain/ showers** is expected over the upper catchments of all the major rivers along with Khyber Pakhtunkhwa and Punjab. Scattered thunderstorm rain is also expected over Zhob, Sibi, Kalat and Nasirabad divisions.

**IV: WEATHER OUTLOOK:**

Wet spell is likely to subside after 36 hours.

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

Indus:	Islamabad [Saidpur=54, PMD Headquarters=48, Chaklala (Airbase)=44, Shamsabad=38, Katcheri(Chaklala)=34 Bokra=29, New Airport=27, Golra=14], Mianwali (Airbase)=46, Murree=40, Phulra=37, Risalpur=28, Kamra (Airbase)=23, Daggar=22, Tarbela=13, Besham=11, Attock & Saidu Sharif=10(each), Takht Bai, Malam Jabba & Oghi=06, Shinkiari=05, Buner=04, Pashat-Bajaur & Kalpani=03, DG Khan(Airport) & Lower Dir=02, Dratian, Mardan, Kakul, Kabul(Nowshera)=01(each), Skardu, Astore, D.I.Khan & Tanda Dam=Trace(each).
Jhelum:	Palandri=55, Jhelum=54, Kallar=46, Panjera=33, Mangla=31, Kotli & Balakot=22(each), Domel=20, Mandibahauddin=16, Baba Shah Jalal=13, Rawalakot=12, Bandi Abbaspur=11, Chattar Kallas=09, Sargodha (Airbase=08 & City=01), Chakothei=08, Muzaffarabad [City=07 & Airport=06], Chakwal & Garhi Dopatta=04(each), Talhatta=02, Hajira=01, Tandali, Haraman & Joharabad=Trace(each).
Chenab:	Gujranwala [Sheranwala Bagh=112, Liaqat Bagh=106, Peoples Colony=101, Model Town=97, Satellite Town=42], Sialkot [Airport=43 & Cantt=41], Gujrat=23, Hafizabad=14, Marala=Trace.
Ravi:	Lahore [Airport=50, Taj Pura & Shahdara=45, Iqbal Town=44, Shahi Qilla=43, Gulshan e Ravi=42, Mughal Pura=40, Luckshami=39, Upper Mall=38, Samanabad & Township=35(each), Misri Shah=33, Gulburg=28, Qurtba chock=25, City=17, Johar Town=16], Sheikhpura=31, Narowal=15, Okara=14, Zafarwal=05, Faisalabad [Gulistan Colony=02, Madina Town & Allama Iqbal Colony=01].
Sutlej:	Kasur=38.
Others:	Karachi (Airport)=Trace

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

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**46-JAIL ROAD LAHORE-54000**

BULLETIN No. B-022/24

Dated: - 06<sup>th</sup> July, 2024  
Time: - 11:00 hours (PST)

**I: WEATHER/RAINFALL FORECAST FOR NEXT 24-HRS:**

RIVERS	Upper Catchments (Above Rim Stations)	Lower Catchments (Below Rim Stations)	<b>RESERVOIRS LEVEL (FEET) at (0600 PST)</b>
INDUS	Widespread thunderstorm/rain	Widespread thunderstorm/rain (Rawalpindi Division)	<b>TARBELA</b> Current: 1503.82 Max. Conservation: 1550.00  <b>MANGLA</b> Current: 1189.60 Max Conservation: 1242.00
JHELUM	-do-	-do- (Sargodha Division)	
CHENAB	-do-	-do- (Gujranwala Division)	
RAVI	-do-	-do- (Lahore Division)	
SUTLEJ	-do-	Isolated thunderstorm/rain (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	296.0	149.7	290-310	Low	832.0 (2010)	296.0
	Kalabagh	950	225.4	217.4	No Sig. change	Below Low	950.0 (1942)	233.6
	Chashma	950	230.2	225.2	-do-	-do-	1038.9 (2010)	234.0
	Taunsa	1100	195.5	168.1	-do-	-do-	960.0 (2010)	207.5
	Guddu	1200	153.2	111.7	-do-	-do-	1199.7 (1976)	176.6
	Sukkur	1500	94.0	45.0	-do-	-do-	1166.6 (1986)	135.5
	Kotri	875	23.3	1.5	-do-	-do-	980.3 (1956)	82.5
KABUL	Nowshera	-	94.1	94.1	80-100	Low to Medium	391.3 (1990)	96.6
JHELUM	Mangla	1060	81.0	25.5	80-110	Low to Medium	1090.0 (1992)	81.0
	Rasul	850	14.1	0.0	No Sig. change	Below Low	952.2 (1992)	66.1
CHENAB	Marala	1100	91.6	59.7	85-150	Low to Medium	1100.0 (1957)	96.9
	Khanki	1100	65.4	57.3	80-110	Low	1086.5 (1959)	73.6
	Qadirabad	807	75.5	56.0	65-80	Below Low	948.5 (1992)	75.5
	Trimmu	645	35.7	18.3	No Sig. change	-do-	944.0 (1928)	42.3
	Punjad	700	12.6	0.0	-do-	-do-	802.5 (1973)	33.8
RAVI	Jassar	275	2.1	2.1	3-10	-do-	680.0 (1955)	5.3
	Shahdara	250	15.4	15.4	No Sig. change	-do-	576.0 (1988)	16.2
	Balloki	225	34.7	8.1	-do-	-do-	389.8 (1988)	38.8
	Sidhnai	150	18.4	2.3	-do-	-do-	330.2 (1988)	18.4
SUTLEJ	G.S. Wala	--	4.8	4.8	-do-	-do-	837.0 (1955)	4.8
	Sulemanki	325	18.1	5.1	-do-	-do-	598.9 (1955)	46.2
	Islam	300	3.3	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)**  
Chief Meteorologist  
**FFD Lahore**

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BULLETIN No. C-022/24

Dated: - 06<sup>th</sup> July, 2024  
Time: - 11:00 hours (PST)

**SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR**  
**RIVERS' CATCHMENTS' (07<sup>th</sup>-July, 2024 to 13<sup>th</sup>-July,2024)**

➤ **RAINFALL OUTLOOK:**

Monsoon activity is likely to subside after 36 hours.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

No high flood situation is expected.

**Note:** This forecast is updated on daily basis.

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