



Government of Pakistan
Ministry of Water Resources
Office of Chief Engineering Advisor &
Chairman, Federal Flood Commission

6-Attaturk Avenue, G-5/1, Islamabad
Fax No. 051-9244621 & www.ffc.gov.pk

FFC's
DAILY WEATHER & FLOOD SITUATION REPORT
MONDAY, AUGUST 04, 2025

River and Reservoir Position at 06:00 PST

River Indus is experiencing **Low Flood** from **Tarbela Dam** downstream upto **Sukkur Barrage**. Rest of the major rivers (Jhelum, Chenab, Ravi & Sutlej) are discharging normal flows. Discharge data of major rivers at specified control structures including the storage position of major reservoirs is presented in **Annexure-I**. As of today, combined live storage of Tarbela, Chashma and Mangla reservoirs, stands at **9.839 MAF**, which is about **73.89%** of the total available live storage capacity of **13.316 MAF**.

Current Meteorological Situation

2. FFD, Lahore has predicted the following meteorological conditions:
- Yesterday's trough of Westerly Wave over northwestern Afghanistan today lies over northeastern Afghanistan.
 - Moderate monsoon currents from the Arabian Sea are penetrating into Pakistan and are expected to intensify after 24 hours.
 - Seasonal Low lies over northern Balochistan.

Weather Forecast

3. For the next 24 hours, FFD, Lahore has predicted scattered thunderstorm/rain of moderate intensity with isolated **Heavy Falls** over **Islamabad, Punjab (Rawalpindi, Gujranwala & Lahore Divisions)** and **Khyber Pakhtunkhwa (Peshawar, Kohat & Bannu Divisions)** including upper catchments of all the major rivers of the IRS. Hot and humid weather is expected over the central and southern parts of the country during the same period.

4. For the next 48 hours, FFD, Lahore has predicated scattered to widespread thunderstorms/rain with scattered **Heavy Falls** over **Islamabad, north-northeastern Punjab (Rawalpindi, Sargodha, Gujranwala, Lahore)** and **Khyber Pakhtunkhwa (Peshawar & Kohat Divisions)** including upper catchments of all major rivers of IRS. Isolated thunderstorms/rain may also occur over **Khyber Pakhtunkhwa (Bannu and D.I. Khan Divisions)** during the same period.

Rainfall during the past 24 hours

5. Significant rainfall events reported during the past 24 hours may be seen at **Annexure-II**.

Weather and Flood Forecast (04th August to 7th August 2025)

6. As per FFD, Lahore, a fresh Monsoon activity with scattered Heavy Falls and isolated Very Heavy Falls is expected from 5th to 7th August 2025. As a result, following flood-related impacts are anticipated:

- Medium flows in the River Chenab and Jhelum (Mangla upstream) starting from **5th August 2025**.
- **Urban Flooding** is likely in the metropolitan cities of North-Northeastern Punjab (Rawalpindi, Gujranwala & Lahore) and Islamabad during the next three days.

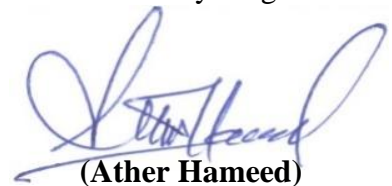
GLOF Alert

7. Pakistan Meteorological Department (PMD) has indicated that a wet spell is likely to impact **Gilgit-Baltistan** and **Khyber Pakhtunkhwa** during the current week. Scattered rain and thunderstorms, with **isolated heavy falls**, are forecasted across the region. These weather conditions significantly increase the risk of Glacial Lake Outburst Floods (GLOFS), flash flood, and landslide in vulnerable glaciated areas of Gilgit-Baltistan and Khyber Pakhtunkhwa.

Advisory

8. All concerned organizations are advised to remain **Fully Alert & Vigilant** and take prompt actions in response to warnings issued by the relevant authorities to ensure safety of communities living in low lying areas, public & private property besides irrigation, drainage network & flood protection infrastructure etc.

9. Pakistan Meteorological Department through FFD, Lahore is monitoring the present weather system on round-the-clock basis and keeping all concerned organizations fully cognizant of the developing situation.



(Ather Hameed)

Chief Engineering Advisor &
Chairman, Federal Flood Commission

Distribution:

1. Chairman, Senate Standing Committee on Water Resources, Parliament House, Islamabad
2. Minister for Water Resources, Islamabad.
3. Minister for Planning, Development & Special Initiatives, Islamabad.
4. Minister for Climate Change & Environmental Coordination, Islamabad.
5. Secretary to the Prime Minister, Prime Minister's Office, Islamabad.
6. Secretary, Ministry of Water Resources, Islamabad.
7. Secretary, Ministry of Planning, Development & Special Initiatives, Islamabad.
8. Secretary, Ministry of Climate Change & Environmental Coordination, Islamabad.
9. Secretary, Ministry of National Food Security & Research, Islamabad.
10. Director General (Coordination-III), President's Secretariat (Public), Aiwan-E-Sadr, Islamabad.
11. Secretary, Senate Standing Committee on Water Resources, Parliament House, Islamabad.
12. Chairman, National Disaster Management Authority, Islamabad.
13. Chairman, WAPDA, WAPDA House, Lahore.
14. Chairman, Indus River System Authority, Islamabad.
15. Pakistan Commissioner for Indus Waters, Islamabad.
16. Chief Executive Officer, Pakistan Railways, Lahore.
17. Chairman, National Highway Authority, Islamabad.
18. Director General, Pakistan Meteorological Department, Islamabad.
19. Member (Water), WAPDA, WAPDA House, Lahore.
20. Member (Infrastructure), Planning Commission, Islamabad.
21. Chief Secretary, Government of the Punjab, Lahore.
22. Chief Secretary, Government of Sindh, Karachi.
23. Chief Secretary, Government of Khyber Pakhtunkhwa, Peshawar.
24. Chief Secretary, Government of Balochistan, Quetta.
25. Chief Secretary, Government of Gilgit-Baltistan, Gilgit.
26. Chief Secretary, Government of Azad Jammu & Kashmir, Muzaffarabad.
27. Secretary, Irrigation Department, Government of the Punjab, Lahore.
28. Secretary, Irrigation Department, Government of Sindh, Karachi
29. Secretary, Irrigation Department, Government of Khyber Pakhtunkhwa, Peshawar

Distribution:

30. Secretary, Irrigation Department, Government of Balochistan, Quetta.
31. Secretary, Irrigation and Water Management, Government of Gilgit-Baltistan, Gilgit.
32. Secretary, Irrigation & Agriculture, Government of AJ&K, Muzaffarabad.
33. Chief Engineer (Merged Areas), Irrigation Department, Govt. of Khyber Pakhtunkhwa, Peshawar.
34. Director General, Irrigation & Small Dams Organization, Govt. of AJ&K, Muzaffarabad.
35. General Manager, Tarbela Dam Project (TDP), WAPDA, Tarbela.
36. General Manager, Mangla Dam Organization (MDO), WAPDA, Mangla.
37. Director General, Provincial Disaster Management Authority, Government of the Punjab, Lahore.
38. Director General, Provincial Disaster Management Authority, Government of Sindh, Karachi.
39. Director General, Provincial Disaster Management Authority, Government of KP, Peshawar.
40. Director General, Provincial Disaster Management Authority, Government of Balochistan, Quetta.
41. Director General, Gilgit Baltistan Disaster Management Authority, Gilgit.
42. Director General, State Disaster Management Authority, Govt. of AJ&K, Muzaffarabad.
43. Chief Commissioner, ICT, Islamabad.
44. Chairman, Capital Development Authority, Islamabad.
45. Commissioner, Rawalpindi.
46. Managing Director, WASA, Rawalpindi.
47. Principal Information Officer, Press Information Department, Islamabad.
48. Director (News), Associated Press of Pakistan, Islamabad.
49. Director (News), Pakistan Television, Islamabad.
50. Flood Cell, General Staff Branch, Engineers Directorate, GHQ, Rawalpindi.
51. Chief Executive Officer, National Disaster Risk Management Fund (NDRMF), Islamabad.

U.O. No. FC-I (31)/2025, dated 04-08-2025

Rivers and Reservoir Positions August 04, 2025 at 0600 Hours

A. River Flow Situation:

(Discharge in Cusecs)

Structures	Designed Capacity	Historic Peak Floods experienced to-date		Last Year Flow		Today Actual Flow with Flood Classification			Comparative Danger (VHF) Classification
		Discharge	Date	Inflow	Outflow	Inflow	Outflow	Flood Classification*	
1	2	3	4	5	6	7	8	9	10
River Indus									
• Tarbela Reservoir	1,500,000	604,000	30-7-2010	343,000	268,000	230,000	251,800	Low Flood (R)	650,000
• Kalabagh	950,000	950,000	14-7-1942	338,000	330,000	265,617	257,617	Low Flood (R)	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	423,000	399,000	280,186	256,793	Low Flood (F)	650,000
• Taunsa	1,000,000	959,991	02-8-2010	351,000	332,000	276,858	260,858	Low Flood (F)	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	199,508	199,508	334,945	296,822	Low Flood (F)	700,000
• Sukkur	900,000	1,161,000	16-8-1976	167,000	139,000	293,990	233,000	Low Flood (F)	700,000
• Kotri	875,000	981,000	14-8-1956	78,000	44,000	193,165	150,560	Normal	650,000
River Kabul									
• Warsak	540,000				47,000		36,056	Normal	200,000
• Nowshera					83,000		31,100	Normal	200,000
River Swat									
• Chakdara Bridge					11,000		8,232	Normal	150,000
• Munda(H. Works)					34,000		7,372	Normal	150,000
• Charsadda Road	150,000				11,000		6,156	Normal	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	28,000	10,000	26,000	8,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	3,000	NIL	4,385	NIL	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	81,000	54,000	78,533	48,983	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	57,000	49,000	57,647	51,264	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	48,000	30,000	42,468	27,468	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	52,000	37,000	84,312	73,462	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	25,000	17,000	37,100	22,675	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		6,000		8,846	Normal	150,000
• Shahdara	250,000	576,000	27-9-1988		19,000		16,168	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	52,000	23,000	45,185	20,685	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	25,000	11,000	25,763	11,213	Normal	90,000
River Sutlej									
• G.S Wala					11,000		19,659	Normal	
• Sulemanki	325,000	598,872	08-10-1955	22,000	10,000	23,385	16,224	Normal	175,000
• Islam	332,000	492,581	11-10-1955	4,000	3,000	7,680	5,800	Normal	175,000

B. Reservoir Storage Position:

Reservoir	Maximum Conservation Level (Ft-AMSL)	Minimum Operating Level (Ft-AMSL)	Water Level (Feet-AMSL)			Live Storage (MAF)			Present Storage (%age of total storage)
			2023	2024	2025	Maximum	Last Year	Today	
1	2	3	4	5	6	7	8	9	10
Tarbela	1550.00	1402.00	1542.29	1535.00	1542.50	5.728	4.916	5.297	92.48 %
Chashma	649.00	638.15	644.90	642.50	644.00	0.311	0.068	0.112	36.01 %
Mangla	1242.00	1050.00	1232.90	1204.95	1202.75	7.277	4.574	4.430	60.88 %
Total Live Storage						13.316	9.558	9.839	73.89 %

C. Skardu Temperature:

Skardu Temperature	Last year 2024	Today 2025	Difference (+ / -)
Maximum	+ 33.6 °C	+ 27.2 °C	- 6.4 °C
Minimum	+ 19.3 °C	+ 14.1 °C	- 5.2 °C

NOTE-1: "Mild" Categories

Low Flood:	River flowing within deep (winter) channel(s) but about to spill threatening only river islands/belas
Medium Flood:	River partly inundating river islands/belas
High Flood:	River almost fully submerging islands/belas and flowing upto high banks/bunds but without encroachment on the freeboard

NOTE-2: "Danger" Categories

Very High Flood (VHF):	River flowing between high banks/bunds with encroachment on the freeboard
Exceptionally High Flood (EHF):	Imminent danger of overtopping/breaching, or the high bank areas have become inundated

NOTE-3: * Flood Classification: (applied on downstream discharge/Outflow)

* (R) Signifies "Rising" Flood, (F) Signifies "Falling" Flood, (S) Signifies "Stable" Flow Condition & NR stands for "Not Received"

* Flood Classification for today is w.r.t. yesterday's Flood Classification at 0600 hours.

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MONDAY, AUGUST 04, 2025

Significant Rainfall Events during the Past 24 Hours

Sr. No.	City/Observatory	Rainfall (mm)
A	Punjab	
1.	Lahore	89
2.	Islamabad	[New Kattarian=68, Shamsabad=31, Chaklala (Airbase)=22, New Airport=20, Pirwidahi=19, Katcheri=17, Gawalmandi=14 & PMD Headquarters=13]
3.	Sialkot	50
4.	Kallar	38
5.	Mangla	25
6.	Gujrat & Sheikhpura	12 each
7.	Qila Rohtas	09
8.	Narowal	06
B	AJ&K	
9.	Garhi Dopatta	28

Source: FFD, Lahore (Phone No. 042 99200139)