



**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
FRIDAY, AUGUST 22, 2025**

River and Reservoir Position at 08:00 PST

- **River Indus**
 - Medium Flood situation in Taunsa-Guddu-Sukkur reach.
 - Low Flood with rising trend at Tarbela.
- **River Sutlej**
 - Medium Flood with rising trend at Ganda Singh Wala.
 - Low Flood with falling trend at Suleimanki.
- **Rivers Jhelum, Chenab, Ravi, Kabul and Swat**
 - Flowing normal at their respective gauging stations

2. Tarbela Reservoir has been maintained at its Maximum Conservation Level (MCL) of **1550.00 feet** since August 21, 2024. **Tarbela dam operating authorities are advised to take utmost care and exercise extra vigilance in the reservoir operation and strictly follow SOPs and associated Dam Safety Guidelines while managing the upstream inflows and releasing downstream discharges.**

3. Water level in Mangla Reservoir stands at **1218.10 feet** against its Maximum Conservation Level (MCL) of **1242.00 feet** which is **23.90 feet** below its MCL. Combined live storage of Tarbela, Chashma and Mangla reservoirs stands at **11.409 MAF**, which is **85.68 %** of the total available live storage capacity of **13.316 MAF**. Details of discharge of all major rivers at specified control structures including the storage position of major reservoirs may be seen at **Annexure-I**.

Current Meteorological Situation

4. FFD, Lahore has predicted following meteorological conditions:
- Yesterday's Low-Pressure Area over northwestern Madhya Pradesh (India) today lies over southwestern Uttra Pradesh (India) and is expected to move westwards.
 - Trough of Westerly Wave earlier over northern Afghanistan today lies over northeastern Afghanistan.
 - Moderate monsoon currents from the Arabian sea are penetrating into lower half of the country.
 - Seasonal Low lies over northern Balochistan

Weather Forecast (For the Next 24 Hours & 48 Hours)

5. For the next 24 hours, FFD, Lahore has predicted isolated thunderstorm/rain of **moderate intensity** over **Islamabad, Punjab (Rawalpindi, Gujranwala & Lahore Divisions)** and south & southeastern Sindh including upper catchments of all major Rivers of the IRS. As a result, the following flood situation is anticipated during the next 24 hours:

- River Indus at Guddu and Sukkur is likely to rise gradually and will attain **high and medium flood level** respectively.
- **Flash flooding** is expected in River Kabul and its tributaries, nullahs of D.G. Khan and northeastern Balochistan after 24 hours.
- River Sutlej at Ganda Singh Wala is expected to attain **high flood level** subject to releases from Indian reservoirs.

6. For the next 48 hours, scattered to widespread thunderstorm/rain with isolated heavy falls is expected over upper catchments of all the major rivers along with **Islamabad, Punjab (Rawalpindi, Gujrat, Gujranwala, Lahore & D.G. Khan Divisions) and Khyber Pakhtunkhwa (Peshawar, Kohat, Bannu & D.I. Khan Divisions)**. During the same period, scattered thunderstorm/rain with isolated heavy falls may also occur over **Punjab (Sargodha, Faisalabad, Sahiwal and Multan Divisions)** besides, isolated thunderstorm/rain over **northeastern Balochistan and Punjab (Bahawalpur Division)**.

Extended Weather Outlook and Flood Forecast (23rd to 29th August 2025)

7. Scattered thunderstorm/rain moderate to heavy intensity is expected over the upper catchments of rivers Kabul and Indus. Widespread thunderstorm/rain with scattered heavy to very heavy falls/ torrential rains may also occur over the upper catchments of river Sutlej, Ravi, Chenab and Jhelum along with north and northeastern Punjab from **23rd to 27th August 2025**.

As a result, it is expected that:

- Significant rise in flows in eastern rivers including river Jhelum, their associated nullahs and the tributaries of river Kabul from 24th August 2025 onward.
- Flash flooding is likely in river Kabul and its tributaries.

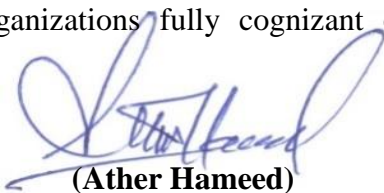
Rainfall during the past 24 hours

8. Rainfall events reported during the past 24 hours is as follows: Tando Jam = 99 mm, Hyderabad = 40 mm, Mirpur Khas= 11 mm and Thatta, Badin & Muzaffarabad= 10 mm each.

Advisory

9. 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.

10. 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.

Distribution:

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
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 22-08-2025

Rivers and Reservoir Positions August 22, 2025 at 0800 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	257,000	256,000	175,000	256,200	Low Flood (R)	650,000
• Kalabagh	950,000	950,000	14-7-1942	321,000	315,000	214,518	208,117	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	348,000	329,000	241,134	217,391	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	344,000	332,000	424,196	417,946	Medium Flood (F)	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	417,000	405,000	471,332	447,925	Medium Flood (R)	700,000
• Sukkur	900,000	1,161,000	16-8-1976	396,000	377,000	398,322	353,682	Medium Flood (R)	700,000
• Kotri	875,000	981,000	14-8-1956	254,000	216,000	150,338	147,638	Normal	650,000
River Kabul									
• Warsak	540,000				35,000		26,551	Normal	200,000
• Nowshera					64,000		37,400	Normal	200,000
River Swat									
• Chakdara Bridge					8,000		8,649	Normal	150,000
• Munda(H. Works)					9,000		10,428	Normal	150,000
• Charsadda Road	150,000				9,000		9,513	Normal	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	35,000	8,000	30,000	7,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	8,000	5,000	4,385	NIL	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	63,000	38,000	57,027	38,277	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	60,000	52,000	55,245	47,608	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	58,000	40,000	52,047	35,047	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	71,000	61,000	73,158	62,008	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	65,000	57,000	78,462	64,272	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		6,000		8,098	Normal	150,000
• Shahdara	250,000	576,000	27-9-1988		18,000		15,761	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	46,000	19,000	47,105	21,955	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	30,000	18,000	30,021	15,221	Normal	90,000
River Sutlej									
• G.S Wala					1,000		101,395	Medium Flood (R)	
• Sulemanki	325,000	598,872	08-10-1955	19,000	7,000	68,318	57,206	Low Flood (F)	175,000
• Islam	332,000	492,581	11-10-1955	12,000	11,000	42,618	40,518	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	1549.30	1550.00	1550.00	5.728	5.766	5.728	100 %
Chashma	649.00	638.15	649.00	644.00	647.00	0.311	0.112	0.212	68.17 %
Mangla	1242.00	1050.00	1241.90	1215.25	1218.10	7.277	5.270	5.469	75.15 %
Total Live Storage						13.316	11.148	11.409	85.68 %

C. Skardu Temperature:

Skardu Temperature	Last year 2024	Today 2025	Difference (+ / -)
Maximum	+ 25.6 °C	+ 26.7 °C	+ 1.1 °C
Minimum	+ 12.2 °C	+ 19.4 °C	+ 7.2 °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.