



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

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**FFC's
DAILY WEATHER & FLOOD SITUATION REPORT
THURSDAY, AUGUST 21, 2025**

River and Reservoir Position at 06:00 PST

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

2. Tarbela Reservoir attained its Maximum Conservation Level (MCL) of **1550.00 feet** today at 0600 Hours. **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. Mangla Reservoir stands at **1217.45 feet** against its Maximum Conservation Level (MCL) of **1242.00 feet** which is 24.55 feet below its MCL. Combined live storage of Tarbela, Chashma and Mangla reservoirs stands at **11.245 MAF**, which is **84.45 %** 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 central parts of Chhattisgarh has moved westwards and today lies over northwestern Madhya Pradesh.
 - Yesterday's low-pressure area over west Gujarat and adjoining Arabian Sea persists.
 - Yesterday's trough of Westerly Wave over northern parts of Iran today lies over North Afghanistan.
 - Moderate monsoon currents from the Bay of Bengal are penetrating into the country.
 - Seasonal low lies over north Balochistan.

Weather and Flood Forecast for the Next 24 Hours

5. For the next 24 hours, FFD, Lahore has predicted **scattered thunderstorm/rain** with **Isolated Heavy Falls** over south and southeastern Sindh. Isolated thunderstorm/rain of **Moderate Intensity** is expected over the upper catchments of all the major rivers along with **Islamabad, Rawalpindi, Gujranwala & Lahore Divisions** during the same period. A Westerly Wave is likely to affect over the upper catchments of River Indus and Kabul after 48 hours.

Extended Weather Outlook and Flood Forecast (22nd to 28th August 2025)

6. Scattered thunderstorm/rain of Moderate to Heavy intensity is expected over the upper catchments of rivers Kabul and Indus during the above mentioned period. Widespread thunderstorm/rain with scattered heavy to very heavy falls/ torrential rains is expected over the upper catchments of rivers Sutlej, Ravi, Chenab and Jhelum along with north and northeastern Punjab from 23rd to 27th August 2025. As a result, it is expected that:

- River Indus at Guddu and Sukkur is likely to rise gradually and will attain High and Medium flood level respectively on 22nd August 2025.
- Medium level flows are expected in river Sutlej at Ganda Singh Wala and downstream subject to releases from India.
- On account of the expected widespread rainfall over the upper catchments of the eastern rivers, including the Jhelum, their associated nullahs and the tributaries of the river Kabul, a significant rise in flows is anticipated from 24th August 2025 onwards.

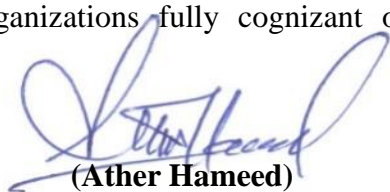
Rainfall during the past 24 hours

7. Rainfall events reported during the past 24 hours may be seen at **Annexure-II**.

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.

Distribution:

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 21-08-2025

Rivers and Reservoir Positions August 21, 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	264,000	257,000	225,000	155,500	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	318,000	312,000	309,457	303,056	Low Flood (F)	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	333,000	315,000	285,834	266,942	Low Flood (F)	650,000
• Taunsa	1,000,000	959,991	02-8-2010	350,000	339,000	484,964	479,714	Medium Flood (F)	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	400,000	392,000	439,126	417,675	Medium Flood (R)	700,000
• Sukkur	900,000	1,161,000	16-8-1976	393,000	377,000	363,519	315,419	Low Flood (R)	700,000
• Kotri	875,000	981,000	14-8-1956	240,000	203,000	129,151	125,751	Normal	650,000
River Kabul									
• Warsak	540,000				37,000		29,000	Normal	200,000
• Nowshera					59,500		42,200	Normal	200,000
River Swat									
• Chakdara Bridge					10,000		8,788	Normal	150,000
• Munda(H. Works)					9,000		12,564	Normal	150,000
• Charsadda Road	150,000				13,000		11,612	Normal	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	36,000	8,000	36,000	7,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	14,000	12,000	4,585	NIL	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	79,000	54,000	67,633	48,983	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	73,000	65,000	59,563	51,950	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	60,000	42,000	53,769	36,769	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	80,000	71,000	79,416	68,266	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	62,000	54,000	70,470	56,280	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		6,000		10,709	Normal	150,000
• Shahdara	250,000	576,000	27-9-1988		17,000		15,761	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	46,000	17,000	60,820	35,770	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	28,000	16,000	28,899	14,369	Normal	90,000
River Sutlej									
• G.S Wala					1,000		70,000	Low Flood (R)	
• Sulemanki	325,000	598,872	08-10-1955	17,000	7,000	63,697	52,789	Low Flood (F)	175,000
• Islam	332,000	492,581	11-10-1955	9,000	7,000	41,757	39,757	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	1549.10	1550.00	1550.00	5.728	5.766	5.728	100 %
Chashma	649.00	638.15	649.00	644.00	643.30	0.311	0.112	0.094	30.23 %
Mangla	1242.00	1050.00	1242.00	1214.70	1217.45	7.277	5.232	5.423	74.52 %
Total Live Storage						13.316	11.110	11.245	84.45 %

C. Skardu Temperature:

Skardu Temperature	Last year 2024	Today 2025	Difference (+ / -)
Maximum	+ 26.6 °C	+ 30.3 °C	+ 4.1 °C
Minimum	+ 14.4 °C	+ 13.4 °C	- 1.0 °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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THURSDAY, AUGUST 21, 2025

Significant Rainfall Events during the Past 24 Hours

Sr. No.	City/Observatory	Rainfall (mm)
A	Punjab	
1.	Sialkot	17
2.	Faisalabad	16
B	Sindh	
3.	Karachi	(Orangi Town = 113, Faisal Base = 43, Korangi = 36, Kemari = 31, Jinnah Terminal = 28, University Road & Masroor = 24 each, Airport & DHA = 21 each, Gulshan e Hadeed = 20, Nazimabad = 19, Surjani Town & Saadi Town = 16 each)
4.	Tando Jam	67
5.	Hyderabad	(Airport=36 & City=35)
6.	Thatta & Badin	26 each
7.	Mirpur Khas	16
8.	Shaheed Benazirabad	10
9.	Chhor	08
10.	Sakrand	06
C	Khyber Pakhtunkhwa	
11.	Shinkhari	55
12.	Kakul	20

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