



**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 29, 2025

River and Reservoir Position at 12:00 PST

- **River Indus**
 - Medium Flood with rising trend at Guddu.
 - Low Flood in Sukkur-Kotri reach.
- **River Chenab**
 - Low Flood with falling trend at Marala.
 - Medium Flood with falling trend at Khanki.
 - Medium Flood with falling trend at Qadirabad.
- **River Ravi**
 - Medium Flood with falling trend at Jassar.
 - Exceptionally High Flood with falling trend at Shahdara.
 - Very High Flood with rising trend at Balloki.
- **River Sutlej**
 - Exceptionally High Flood with steady condition at Ganda Singh Wala.
 - Medium Flood with steady condition at Suleimanki.
 - Low Flood with steady condition at Islam.
- **Rivers Jhelum, Kabul and Swat**
 - Flowing normal at their respective gauging stations

2. Tarbela Dam is at its Maximum Conservation Level (MCL) of **1550 feet** since **August 27, 2025**. Mangla Reservoir stands at **1223.20 feet** which is **18.80 feet** below its MCL of **1242 feet**. Combined live storage of Tarbela, Chashma and Mangla reservoirs stands at **11.800 MAF**, which is **88.62 %** of the total available live storage capacity of **13.316 MAF**. Tarbela Dam Management is advised to regulate the reservoir with extreme care, ensuring that SOPs and Dam Safety Guidelines are strictly followed in order to protect downstream areas. Detailed discharge data of all major rivers at specified control structures including the storage position of major reservoirs may be seen at **Annexure-I**.

Current Meteorological Situation

3. FFD, Lahore has predicted following meteorological conditions:
- Yesterday's Monsoon Low over north Chattisgarh (India) today lies over northeastern Madhya Pradesh (India).
 - Yesterday's trough of Westerly Wave over northeastern Iran today lies over northeastern Afghanistan and adjoining areas.
 - Moderate monsoon currents from the Bay of Bengal are penetrating into Pakistan upto 5000 feet.
 - Seasonal Low persists over northern Balochistan.

Weather Forecast for the Next 24 Hours

4. For the next 24 hours FFD, Lahore has predicted scattered thunderstorm/rain with **Isolated Heavy Falls** over **Islamabad, Punjab (Rawalpindi, Gujrat, Gujranwala, Lahore, Sargodha & Faisalabad Divisions) and Khyber Pakhtunkhwa (Peshawar & Kohat Divisions)** including upper catchments of all major rivers of IRS. Isolated thunderstorm/rain may also occur over **Punjab (Sahiwal, Multan, D.G. Khan & Bahawalpur Divisions)** and **northeastern Balochistan** during the same period.

Rainfall during the past 24 hours

5. No significant rainfall events reported during the past 24 hours except for Punjab (Sheikhupura=17 mm) and AJ&K (Chattar Kallas= 29 mm & Barnala= 25 mm).

Extended Weather Outlook and Flood Forecast (29th August to 4th September 2025)

6. Moderate rainfall activity is likely to continue over the upper catchments of all the major rivers; intensity of rainfall may enhance from moderate to heavy from 30th August 2025 to 2nd September 2025. The following Flood Situation is expected:

- **Exceptionally High Flood** will continue in river Sutlej at Ganda Singh Wala and downstream.
- River Ravi at Shahdara will gradually decrease from **Exceptionally High Flood to High Flood** during the next 24 hours.
- River Chenab at Trimmu is expected to attain **Exceptionally High Flood** during the next 24 hours.
- River Chenab at Panjnad is expected to attain **Very High Flood to Exceptionally High Flood** on 2nd September 2025.
- River Indus at Guddu and Sukkur is expected to attain **Very High Flood** on 4th and 5th September 2025 respectively.
- **Flash flooding** is also expected in the tributaries of river Kabul catchment.

Advisory

7. 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.

8. 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.

Distribution:

12. Chairman, National Disaster Management Authority, Islamabad.
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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.
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27. Secretary, Irrigation Department, Government of the Punjab, Lahore.
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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 29-08-2025

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A. River Flow Situation: August 29, 2025 at 1200 Hours

(Discharge in Cusecs)

Structures	Designed Capacity	Historic Peak Floods experienced to-date		Today Actual Flow with Flood Classification			Comparative Danger (VHF) Classification
		Discharge	Date	Inflow	Outflow	Flood Classification*	
1	2	3	4	5	6	7	8
River Indus							
• Tarbela Reservoir	1,500,000	604,000	30-7-2010	172,000	155,200	Normal	650,000
• Kalabagh	950,000	950,000	14-7-1942	241,929	234,422	Normal	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	218,107	212,957	Normal	650,000
• Taunsa	1,000,000	959,991	02-8-2010	206,529	190,529	Normal	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	396,343	365,899	Medium Flood (R)	700,000
• Sukkur	900,000	1,161,000	16-8-1976	284,970	229,500	Low Flood (S)	700,000
• Kotri	875,000	981,000	14-8-1956	253,126	220,081	Low Flood (R)	650,000
River Kabul							
• Warsak	540,000				24,519	Normal	200,000
• Nowshera					31,700	Normal	200,000
River Swat							
• Chakdara Bridge					8,232	Normal	150,000
• Munda(H. Works)					7,647	Normal	150,000
• Charsadda Road	150,000				6,636	Normal	100,000
River Jhelum							
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	30,000	8,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	5,200	5,341	Normal	225,000
River Chenab							
• Marala	1,100,000	1,100,000	26-8-1957	116,440	112,440	Low Flood (F)	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	184,934	184,934	Medium Flood (F)	400,000
• Qadirabad	900,000	1,077,951	27-8-2025	196,483	196,483	Medium Flood (F)	400,000
• Trimmu	875,000	943,225	08-7-1959	129,372	126,972	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	75,098	60,608	Normal	450,000
River Ravi							
• Jassar	275,000	680,000	05-10-1955		85,980	Medium Flood (F)	150,000
• Shahdara	250,000	576,000	27-9-1988		192,400	Excep. High Flood (F)	135,000
• Balloki	380,000	336,200	28-9-1988	154,975	144,975	Very High Flood (R)	135,000
• Sidhnai	150,000	330,210	02-10-1988	27,367	12,808	Normal	90,000
River Sutlej							
• G.S Wala					261,053	Excep. High Flood (S)	
• Sulemanki	325,000	598,872	08-10-1955	113,124	113,124	Medium Flood (S)	175,000
• Islam	332,000	492,581	11-10-1955	60,814	58,764	Low Flood (S)	175,000

B. Reservoir Storage Position: August 29, 2025 at 1200 Hours

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	1549.94	1549.88	1550.00	5.728	5.766	5.728	100 %
Chashma	649.00	638.15	647.60	648.50	647.50	0.311	0.285	0.235	75.56 %
Mangla	1242.00	1050.00	1242.00	1217.95	1223.20	7.277	5.455	5.837	80.21 %
Total Live Storage						13.316	11.506	11.800	88.62 %

Low Flood:

Medium Flood:

High Flood:

NOTE-2: "Danger" Categories

Very High Flood (VHF):

Exceptionally High Flood (EHF):

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. Today's Flood Classification at 0800 hours

River flowing within deep (winter) channel(s) but about to spill threatening only river islands/belas

River partly inundating river islands/belas

River almost fully submerging islands/belas and flowing upto high banks/bunds but without encroachment on the freeboard

River flowing between high banks/bunds with encroachment on the freeboard

Imminent danger of overtopping/breaching, or the high bank areas have become inundated