



**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
THURSDAY, AUGUST 14, 2025**

River and Reservoir Position at 12:00 PST

River Indus in **Tarbela-Kalabagh-Chashma** reaches and River Sutlej at **Ganda Singh Wala** are experiencing **Low Flood**, while all other major rivers of the Indus River System (Jhelum, Chenab, & Ravi) are discharging normal flows. Discharge data of major rivers at specified control structures and storage position of major reservoirs is presented at **Annexure-I**.

2. Water Level in Tarbela Reservoir is at Elevation of **1546.50 feet**, which is just **3.50 feet** below the MCL i.e. **1550 feet**. Mangla Reservoir stands at **1207.80 feet** which is **34.20 feet** below its MCL of **1242 feet**. Today's combined live storage of Tarbela, Chashma and Mangla reservoirs stands at **10.403 MAF**, which is about **78.12%** 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.

Current Meteorological Situation

3. FFD, Lahore has predicted following meteorological conditions:
- Yesterday's trough of westerly wave over northeast Afghanistan today lies over northern parts of the country.
 - Moderate to strong Monsoon currents from the Arabian Sea and Bay of Bengal are penetrating into the country up to 7000ft.
 - Yesterday's Monsoon low over south Odisha has moved westwards and today lies over southwest Chattisgarh and adjoining Maharashtra.
 - Seasonal low lies over North Balochistan.

Weather Forecast (next 24 and 48 hours)

4. For the next 24 hours, FFD, Lahore has predicted scattered to widespread thunderstorm/rain of **Moderate Intensity** with isolated **heavy to very heavy falls** over **Islamabad, Punjab (Rawalpindi, Gujrat, Gujranwala & Lahore Divisions)** and **Khyber Pakhtunkhwa (Peshawar Division)** as well as upper catchment of all the major rivers. Scattered thunderstorm/rain of moderate intensity with isolated **Heavy Falls** are expected over **Punjab (Sargodha, Faisalabad, Sahiwal, Multan and DG Khan Divisions)** and **Khyber Pakhtunkhwa (Kohat, Bannu & DI Khan Divisions)**. Wet spell will continue for next 48 hours. As a result,

- Flows are also likely to increase in all the other major rivers along with the tributaries of river Kabul as well as Nullahs of rivers Ravi and Chenab during next 48 hours.
- Urban flooding is also expected over metropolitan areas of Islamabad, Rawalpindi, Gujranwala and Lahore Divisions during the same period.

Rainfall during the past 24 hours

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

Weather outlook and Flood Forecast (15th August to 21st August, 2025)


6. Scattered to widespread thunderstorm/rain of moderate intensity with Scattered heavy falls and isolated very heavy falls are expected over the upper catchment of all the major rivers during the period. As a result, it is expected that:

- The **Sutlej River at Ganda Singh Wala is expected to attain intermittently upto low flood level** for next few days subject to releases from India.
- The flows are also likely to increase in all the other major rivers along with tributaries of river Kabul as well as Nullahs of rivers Ravi and Chenab during the period.

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.
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.

Distribution:

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 14-08-2025

Rivers and Reservoir Positions August 14, 2025 at 1200 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	270,000	255,000	339,000	342,600	Low Flood (R)	650,000
• Kalabagh	950,000	950,000	14-7-1942	313,000	305,000	350,458	342,458	Low Flood (R)	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	326,000	311,000	372,279	349,892	Low Flood (R)	650,000
• Taunsa	1,000,000	959,991	02-8-2010	355,000	329,000	252,938	235,438	Normal	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	422,000	392,000	227,644	195,088	Normal	700,000
• Sukkur	900,000	1,161,000	16-8-1976	393,000	351,000	187,650	125,890	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	189,000	149,000	97,201	54,626	Normal	650,000
River Kabul									
• Warsak	540,000				55,000		31,600	Normal	200,000
• Nowshera							35,100	Normal	200,000
River Swat									
• Chakdara Bridge							7,306	Normal	150,000
• Munda(H. Works)							4,901	Normal	150,000
• Charsadda Road	150,000						4,455	Normal	100,000
River Jhelum									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	22,000	10,000	24,000	7,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	9,000	5,000	2,885	NIL	Normal	225,000
River Chenab									
• Marala	1,100,000	1,100,000	26-8-1957	90,000	73,000	94,642	65,042	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	63,000	55,000	75,796	68,514	Normal	400,000
• Qadirabad	900,000	948,530	11-9-1992	53,000	35,000	74,190	57,190	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	73,000	60,000	30,503	19,353	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	49,000	36,000	43,067	28,617	Normal	450,000
River Ravi									
• Jassar	275,000	680,000	05-10-1955		7,000		23,000	Normal	150,000
• Shahdara	250,000	576,000	27-9-1988		18,000		27,362	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	53,000	24,000	47,335	22,285	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	20,000	8,000	20,161	4,961	Normal	90,000
River Sutlej									
• G.S Wala					6,048		51,728	Low Flood (R)	
• Sulemanki	325,000	598,872	08-10-1955	17,000	6,000	40,661	29,601	Normal	175,000
• Islam	332,000	492,581	11-10-1955	6,000	5,000	22,980	21,080	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) 0600 PST			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	1548.94	1547.18	1546.50	5.728	5.594	5.527	96.49 %
Chashma	649.00	638.15	647.00	639.00	643.90	0.311	0.012	0.126	40.51 %
Mangla	1242.00	1050.00	1239.80	1210.95	1207.80	7.277	4.967	4.750	65.27 %
Total Live Storage						13.316	10.573	10.403	78.12 %

C. Skardu Temperature:

Skardu Temperature	Last year 2024	Today 2025	Difference (+ / -)
Maximum	+ 37.4 °C	+ 37.2 °C	- 0.2 °C
Minimum	+ 17.2 °C	+ 20.6 °C	+ 3.4 °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 14, 2025

Significant Rainfall Events during the Past 24 Hours

Sr. No.	City/Observatory	Rainfall (mm)
A	Punjab	
1.	Narowal	14
2.	Islamabad	(Saidpur = 13 & Golra = 05)
3.	Murree	08
4.	Lahore	(Misri shah=08, Lukshmi & Upper Mall=06 each)
B	Khyber Pakhtunkhwa	
5.	Malam Jabba	35
6.	Kakul	17
7.	Balakot	15
8.	Shinkiari	10
9.	Khawagoobo Bridge	05
C	AJ&K	
10.	Dhulli	28
11.	Muzaffarabad	(Airport=20 & City=17)
12.	Rawalakot	19
13.	Palandri	08
14.	Kotli & Domel	06 each
15.	Bandi Abbaspur	05

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