



**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](http://www.ffc.gov.pk)

**FFC's  
DAILY WEATHER & FLOOD SITUATION REPORT  
WEDNESDAY, AUGUST 13, 2025**

**River and Reservoir Position at 06:00 PST**

River Indus is experiencing **Low Flood** in **Tarbela-Kalabagh-Chashma** reaches and the River Chenab is flowing in **Low Flood** at **Khanki Barrage** downstream of Marala. Other major rivers of the Indus River System (Jhelum, Ravi & Sutlej) 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 **1207.15 feet** which is **34.85 feet** below its MCL of **1242 feet**. Combined live storage of Tarbela, Chashma and Mangla reservoirs stands at **10.446 MAF**, which is about **78.45%** 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 northern parts of Afghanistan today lies over northeastern Afghanistan.
- Monsoon currents from the Arabian Sea are penetrating into the country.
- A fresh Monsoon Low has developed over south Odisha (India) and it is expected to move west wards resultantly, moist currents from the Bay of Bengal are likely to revive within 24 hours.
- Seasonal Low lies over Northern Balochistan.

**Weather Forecast (next 24 and 48 hours)**

4. For the next 24 hours, FFD, Lahore has predicted scattered thunderstorm/rain of **Moderate Intensity** with isolated **Heavy Falls** over **Islamabad, Punjab (Rawalpindi, Gujrat, Gujranwala & Lahore Divisions), Khyber Pakhtunkhwa (Peshawar, Kohat & Bannu Divisions)** and upper catchment of all the major rivers of IRs besides isolated thunderstorm/rain of **Moderate Intensity** over DG Khan Division.

5. For the next 48 hours, scattered to widespread thunderstorm/rain of **Moderate Intensity** with isolated **Heavy to Very Heavy Falls** are expected over the upper catchment of all the major rivers. Scattered thunderstorm/rain of moderate intensity with isolated **Heavy Falls** may also occur over Islamabad, Punjab (Rawalpindi, Gujrat, Gujranwala, Lahore, Sahiwal & DG Khan Divisions) and **Khyber Pakhtunkhwa** (Peshawar, Kohat, Bannu & D.I Khan Divisions) during the same period. As a result, flows are also likely to increase in all the other major rivers along with the tributaries of river Kabul and the Nullahs of rivers Ravi & Chenab during the next 48 hours.

**Rainfall during the past 24 hours**

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

## **Weather outlook and Flood Forecast (14<sup>th</sup> August to 20<sup>th</sup> August, 2025)**

7. 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 this 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 other major rivers along with tributaries of river Kabul and nullahs of rivers Ravi & Chenab during the forecasted period.

### **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.

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24. Chief Secretary, Government of Balochistan, Quetta.
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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 13-08-2025**

## Rivers and Reservoir Positions August 13, 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
<b>River Indus</b>									
• Tarbela Reservoir	1,500,000	604,000	30-7-2010	288,000	254,000	291,000	292,000	Low Flood (R)	650,000
• Kalabagh	950,000	950,000	14-7-1942	313,000	305,000	300,704	292,704	Low Flood (R)	650,000
• Chashma Reservoir	950,000	1,036,673	01-8-2010	374,000	357,000	315,861	294,088	Low Flood (R)	650,000
• Taunsa	1,000,000	959,991	02-8-2010	243,000	227,000	229,183	211,283	Normal	650,000
• Guddu	1,200,000	1,199,672	15-8-1976	428,000	398,000	230,333	195,800	Normal	700,000
• Sukkur	900,000	1,161,000	16-8-1976	392,000	351,000	171,380	110,020	Normal	700,000
• Kotri	875,000	981,000	14-8-1956	184,000	144,000	118,711	76,136	Normal	650,000
<b>River Kabul</b>									
• Warsak	540,000				34,000		36,627	Normal	200,000
• Nowshera					63,000		31,400	Normal	200,000
<b>River Swat</b>									
• Chakdara Bridge					8,000		7,306	Normal	150,000
• Munda( H. Works)					13,000		4,187	Normal	150,000
• Charsadda Road	150,000				10,000		3,709	Normal	100,000
<b>River Jhelum</b>									
• Mangla Reservoir	1,060,000	1,090,000	10-9-1992	22,000	10,000	40,000	7,000	Normal	225,000
• Rasul	850,000	952,170	10-9-1992	4,000	NIL	4,585	NIL	Normal	225,000
<b>River Chenab</b>									
• Marala	1,100,000	1,100,000	26-8-1957	69,000	52,000	106,411	78,811	Normal	400,000
• Khanki	1,100,000	1,086,460	27-8-1959	76,000	68,000	128,805	121,523	Low Flood (R)	400,000
• Qadirabad	900,000	948,530	11-9-1992	77,000	59,000	116,412	99,412	Normal	400,000
• Trimmu	875,000	943,225	08-7-1959	70,000	57,000	35,534	24,384	Normal	450,000
• Panjnad	865,000	802,516	17-8-1973	43,000	30,000	47,088	32,638	Normal	450,000
<b>River Ravi</b>									
• Jassar	275,000	680,000	05-10-1955		17,000		34,640	Normal	150,000
• Shahdara	250,000	576,000	27-9-1988		25,000		16,576	Normal	135,000
• Balloki	380,000	336,200	28-9-1988	41,000	13,000	38,145	13,095	Normal	135,000
• Sidhnai	150,000	330,210	02-10-1988	24,000	12,000	22,032	6,832	Normal	90,000
<b>River Sutlej</b>									
• G.S Wala							40,066	Normal	
• Sulemanki	325,000	598,872	08-10-1955	18,000	6,000	36,884	25,670	Normal	175,000
• Islam	332,000	492,581	11-10-1955	6,000	5,000	20,595	18,695	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	1549.09	1546.00	1546.50	5.728	5.536	5.527	96.49 %
Chashma	649.00	638.15	647.00	642.00	646.70	0.311	0.063	0.201	64.63 %
Mangla	1242.00	1050.00	1239.25	1210.55	1207.15	7.277	4.943	4.718	64.83 %
Total Live Storage						13.316	10.542	10.446	78.45 %

### C. Skardu Temperature:

Skardu Temperature	Last year 2024	Today 2025	Difference ( + / - )
Maximum	+ 35.6 °C	+ 36.2 °C	+ 0.6 °C
Minimum	+ 16.3 °C	+ 20.1 °C	+ 3.8 °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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**WEDNESDAY, AUGUST 13, 2025**

**Significant Rainfall Events during the Past 24 Hours**

<b>Sr. No.</b>	<b>City/Observatory</b>	<b>Rainfall (mm)</b>
<b>A</b>	<b>Punjab</b>	
1.	Murree	09
2.	Islamabad	05
<b>B</b>	<b>Khyber Pakhtunkhwa</b>	
3.	Malam Jabba & Shinkiari	17 each
4.	Kakul	11
5.	Balakot	07
<b>C</b>	<b>AJ&amp;K</b>	
6.	Bandi Abbaspur	23
7.	Kotli	20
8.	Azad Pattan	19
9.	Rawalakot	10
10.	Muzaffarabad	08
11.	Panjera	06
12.	Garhi Dopatta	05

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